



AGENDA

March 19, 2025

CITY COUNCIL
6:00 p.m.
Council Chambers
311 Vernon Street
Roseville, CA
www.roseville.ca.us

THE CITY OF ROSEVILLE WELCOMES YOUR PARTICIPATION

If an agenda item is open to public comment, such public comment shall be addressed to the chair of the meeting.

Public Comment - Speakers have three minutes under Public Comment to speak on issues that are not listed on the agenda and are within the City's jurisdiction. The Brown Act does not permit any action or discussion on items not listed on the agenda.

Consent Calendar - If applicable, the Consent Calendar consists of routine items that may be approved by one motion. Any person can remove an item from the Consent Calendar to be discussed separately.

Agenda Items - Speakers have five minutes to address items that are listed on the agenda.

Levine Act Provisions - The Levine Act requires a Party (or its agent (s)) to a Proceeding before the City of Roseville that involves any action or consideration to their contract, license, permit, or other entitlement for use, to disclose any campaign contribution made to City elected or appointed officers (including Councilmembers, Planning Commissioners, and members of other City boards and commissions) totaling more than \$250 within the 12 months before the City decision.

Americans with Disabilities Act - Notify the City Clerk or Secretary at least 72 hours in advance if special assistance is required to participate in a meeting including the need of auxiliary aids or services.

Audio/Visual Presentations - If making a presentation regarding an agenda item, audio/visual materials must be submitted to the City Clerk or Secretary at least 72 hours in advance.

Security procedures are in place to attend Roseville City Council meetings. All attendees must successfully pass through a security metal detector. Any person with a prohibited item will not be allowed entry. Prohibited items include, but are not limited to: firearms (even with valid CCW), knives, pepper spray/mace, explosives of any kind/ any weapons and/or dangerous devices of any kind, illegal drugs and alcohol.

1. **CALL TO ORDER**
2. **ROLL CALL**
3. **PLEDGE OF ALLEGIANCE**
4. **MEETING PROCEDURES**
5. **PRESENTATIONS**

5.1. Retirement Resolution - Art Vogtlin

Commend Art Vogtlin for his 18 years of outstanding service and dedication to the City of Roseville and the Information Technology Department, congratulate him for his accomplishments and wish him a long, healthy, and enjoyable retirement.

CONTACT: Blair Hutchison 916-774-5266 bmhutchison@roseville.ca.us

5.2. Sacramento Area Council of Governments - Blueprint Project

The 2024 Blueprint will outline recommendations for public land use policy and transportation investment strategies for the Sacramento region for the next 30 years. This plan will lay out a set of strategies for an integrated, multimodal transportation system and a regional land use development pattern that can create a more thriving region that works for all residents. The plan aims to connect housing to jobs, education, goods and services, and recreational opportunities while protecting and enhancing our region's natural and working landscapes.

CONTACT: Carmen Avalos 916-774-5269 cavalos@roseville.ca.us

6. **PUBLIC COMMENTS**
7. **CONSENT CALENDAR**

BEGINNING OF CONSENT CALENDAR

Bids / Purchases / Services

7.1. Adventure Club Heating, Ventilation, & Air Conditioning Replacement Project (RFQ 10-3399) – Contract Purchase Agreement

Memo from Buyer Tiffany Valdez and Finance Director Scott Pettingell recommending the City Council adopt RESOLUTION NO. 25-070 APPROVING A CONTRACT PURCHASE AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND THP MECHANICAL, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE (3004220). Staff requests Council approve a contract purchase agreement with THP Mechanical LLC as the lowest responsive and responsible bidder for Request for Quotations No. 10-3399 Adventure Club Heating Ventilation, Air Conditioning Replacement. The cost of the agreement is \$230,469. Additionally, adopt a resolution authorizing the City Manager to sign the contract purchase agreement and authorizing the Parks, Recreation & Libraries Director or designee to approve change order

requests for this project up to 10% (\$23,046.90) as a construction contingency, for a grand total of \$253,515.90. Funding is included in the FY2024-25 Youth Development Fund budget.

CC #: 3801

File #: 0203-10

CONTACT: Tiffany Valdez 916-746-1109 tvaldez@roseville.ca.us

7.2. Rocky Rockholm (FD-51) Park Project - Approval of Plans and Specifications and Authorize Staff to Call for Bids

Memo from Park Development Project Manager Joel De Jong and Parks, Recreation & Libraries Director Jill Geller recommending the City Council approve the plans and specifications for the Rocky Rockholm (formerly FD-51) Park Project and authorize staff to call for bids. This 1.12-acre park site is located off Earl Rush Drive at Market Street in the Sierra Vista Specific Plan area. The architect's estimate for construction for the base bid is \$419,000. Funding for design was included in FY2021-22 budget with construction of the park included in the FY2023-24 Capital Improvement Project budget in the Neighborhood Park - Sierra Vista Fund. Maintenance costs will be funded by the Sierra Vista Community Facilities District No. 2 (Public Services). There will be no General Fund impact.

CC #: 3791

File #: 0704-01

CONTACT: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

7.3. Lower Bank (formerly C-63) Park Project - Approval of Plans and Specifications and Authorization to Call for Bids

Memo from Park Development Project Manager Joel De Jong and Parks, Recreation & Libraries Director Jill Geller recommending the City Council approve the plans and specifications for the Lower Bank (formerly C-63) Park Project and authorize staff to call for bids. This 2.5-acre neighborhood park is located off of Lemonade Lane at Lower Bank Drive within the Creekview area of Roseville. The architect's estimate for construction for the base bid is \$880,000. Funding for construction of this park was initially included in the FY2023-24 Capital Improvement Project budget in the Neighborhood Park - Creekview Fund. Maintenance costs will be funded by the Creekview Community Facilities District No.2 (Public Services). There will be no General Fund impact.

CC #: 3788

File #: 0704-01

CONTACT: Joel De Jong 916-774-5624 jdejong@roseville.ca.us

7.4. Woodbridge Park Tennis & Pickleball Court Renovations Project - Approval of Plans and Specifications and Authorization to Call for Bids

Memo from Park Development Project Manager Joshua Cervantes and Parks, Recreation & Libraries Director Jill Geller recommending the City Council approve the plans and specifications for Woodbridge Park Tennis & Pickleball Court Renovations and authorize staff to call for bids. The Woodbridge Park Tennis & Pickleball Court Renovation Project is at Woodbridge Park, a 7.2-acre

neighborhood park located at 415 Sierra Blvd. The scope of work for the project includes renovating the court foundation, reestablishing one of the two tennis courts with a pickleball striping overlay on the tennis court, converting the second tennis court into two pickleball-only courts and adding a new shaded seating area for the pickleball courts. Funding for this Project was approved in the Parks, Recreation and Library Capital Project Fund through the FY2024-25 Capital Improvement Project budget process. There are negligible increases to maintenance costs. The funding source for maintenance will continue to be the General Fund.

CC #: 3793

File #: 0704-01

CONTACT: Joshua Cervantes 916-866-2553 jrcervantes@roseville.ca.us

7.5. Fleet Equipment Purchase – Purchase Order

Memo from Management Analyst Lea Schroeder and Public Works Director Jason Shykowski recommending the City Council approve a sole source purchase order to Volvo Construction Equipment & Service for one (1) Avant 860GT compact loader with attachments in the amount of \$185,367. The FY2024-25 Fleet Replacement Fund budget includes funding for this equipment purchase.

CC #: 3786

File #: 0203-02

CONTACT: Lea Schroeder 916-774-5503 lschroeder@roseville.ca.us

7.6. RPEAK Evaporative Cooling - Sole Source Contract Purchase Agreement

Memo from Senior Power Plant Engineer Oscar Plasencia and Electric Utility Director Dan Beans recommending the City Council adopt RESOLUTION NO. 25-069 APPROVING A CONTRACT PURCHASE AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND GE VERNOVA OPERATIONS, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff requests Council approve a sole source contract purchase agreement with GE Vernova Operations, LLC for the control system design and technical advisory services needed for the installation of evaporative cooling systems on each of the GE TM2500 combustion turbines at the RPEAK site for an amount of \$286,524.40 and to approve change order authority for unforeseen change orders up to 10% of the cost, or \$28,652.44, for a total of \$315,176.84. GE Vernova Operations, LLC is the original equipment manufacturer of the evaporative cooling system and, as such, is required to design the necessary control system and be onsite during installation to provide technical advisory services. Funding is included in the Electric Department's FY2024-25 budget in the Electric Fund.

CC #: 3799

File #: 0203-09

CONTACT: Oscar Plasencia 916-746-1648 oplasencia@roseville.ca.us

Resolutions

7.7. Judicial Foreclosure of Delinquent Special Taxes Pursuant to the Mello-Roos Community Facilities Act of 1982, as Amended

Memo from Management Analyst Jeannine Thrash and Assistant City Manager/Chief Financial Officer Dennis Kauffman recommending the City Council adopt RESOLUTION NO. 25-063 ACTING AS THE GOVERNING BODY OF ALL OF ITS COMMUNITY FACILITIES DISTRICTS ORDERING JUDICIAL FORECLOSURE OF DELINQUENT SPECIAL TAXES PURSUANT TO THE MELLO-ROOS COMMUNITY FACILITIES ACT OF 1982, AS AMENDED, AND ORDERING THAT THE PLACER COUNTY TAX COLLECTOR REMOVE CURRENT AND FUTURE DELINQUENT SPECIAL TAXES FOR THE COMMUNITY FACILITIES DISTRICTS FROM THE TAX ROLL. Certain property owners have become delinquent in payments of the special taxes associated with some of the City's community facilities districts (CFDs). Bonds have been issued in connection with each of these CFDs and payments of these bonds are secured by special taxes levied upon individual property owners within each of these CFD boundaries. To comply with the City's bond covenants, when certain delinquency thresholds have been met, the City is required to commence foreclosure actions against any delinquent parcel(s). The combined special tax delinquencies recommended for judicial foreclosure action is \$9,716.07. There is no fiscal impact to the City's General Fund. All legal fees are borne by the property owners and all penalties and interest collected will be credited to the subject CFDs.

CC #: 3789

File #: 0206-03-01

CONTACT: Jeannine Thrash 916-774-5473 jthrash@roseville.ca.us

7.8. 2024 Housing Element Annual Progress Report and 2024 General Plan Annual Progress Report

Memo from Housing Manager Trisha Isom, Senior Planner Lauren Hocker, and Economic Development Director Melissa Anguiano recommending the City Council adopt RESOLUTION NO. 25-064 APPROVING THE 2024 HOUSING ELEMENT ANNUAL PROGRESS REPORT AND APPROVING THE 2024 GENERAL PLAN ANNUAL PROGRESS REPORT. Staff requests Council approve an annual informational report on the status of the annual progress reports for the Housing Element and the General Plan progress implementation, as required by the State of California. The staff cost to develop the progress reports was included in the FY2024-25 adopted budget. There is no additional fiscal impact to the City's General Fund.

CC #: 3790

File #: 0709

CONTACT: Trisha Isom 916-746-1239 tisom@roseville.ca.us

Lauren Hocker 916-774-5272 lhocker@roseville.ca.us

7.9. Five Star Intertie Improvement Project – Construction Agreement

Memo from Assistant Engineer William Montz and Environmental Utilities Director Sean Bigley recommending the City Council adopt RESOLUTION NO. 25-068 APPROVING AN AGREEMENT, BY AND BETWEEN THE

CITY OF ROSEVILLE AND SIERRA NATIONAL CONSTRUCTION, INC., AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff requests Council approval and award of a Construction Agreement to Sierra National Construction, Inc. for the Five Star Intertie Improvement Project in the amount of \$698,640 and authorization for the City Manager or his designee to approve and pay for contract change orders for the project that could increase the contract amount by no more than 10% (\$69,864), for a not-to-exceed total contract amount of \$768,504. This project will be funded from available resources in the Water Construction Fund. The Water Construction Fund is funded by water connection fees paid for by developers.

CC #: 3798

File #: 0800-02

CONTACT: William Montz 916-938-0154 wlmontz@roseville.ca.us

7.10. Utility Legal Services - Legal Services Agreement

Memo from Paralegal Gretchen Hakala and City Attorney Michelle Sheidenberger recommending the City Council adopt RESOLUTION 25-066 APPROVING AN AGREEMENT FOR LEGAL SERVICES, BY AND BETWEEN THE CITY OF ROSEVILLE AND CLIMATE EDGE LAW GROUP, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE. Staff requests Council approve a Legal Services Agreement with Climate Edge Law Group to provide legal services related to regulatory and commercial matters regarding utilities and environmental law. Legal services provided by this contract will be dependent upon needs as they occur during the year and thus cannot be forecast. All expenses will be paid from the Roseville Electric Department operating budget in the Electric Fund, as needed.

CC #: 3795

File #: 0500-01

CONTACT: Gretchen Hakala 916-774-5325 ghakala@roseville.ca.us

7.11. Multi-Hazard Mitigation Plan - 2024 Progress Report

Memo from Associate Engineer Joe Anderson and Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 25-065 ACCEPTING THE 2023 CITY OF ROSEVILLE MULTI-HAZARD MITIGATION PLAN 2024 PROGRESS REPORT. The Federal Emergency Management Agency requires that the City evaluate its Multi-Hazard Mitigation Plan (MHMP) action items for progress annually to maintain its Community Rating System Class 1 rating. This is the complete first annual progress report of the adopted 2023 MHMP. Staff time spent preparing the Annual Progress Report is included within the project budget for the MHMP Plan Update Project, funded annually by the General Fund. Mitigation measures are implemented as various City departments have funding within their regular work programs or operating budgets, and as grant funding is received by various City departments.

CC #: 3794

File #: 0307-02

CONTACT: Joe Anderson 916-774-5440 jjanderson@roseville.ca.us

7.12. Rubberized Pavement Grant Program - Grant Authorization

Memo from Assistant Public Works Director Stefanie Kemen and Public Works Director Jason Shykowski recommending the City Council adopt RESOLUTION NO. 25-071 APPROVING A GRANT APPLICATION TO THE CALIFORNIA DEPARTMENT OF RESOURCES RECYCLING AND RECOVERY, AND AUTHORIZING THE ASSISTANT PUBLIC WORKS DIRECTOR TO EXECUTE ALL FORMS AND AGREEMENTS ON BEHALF OF THE CITY OF ROSEVILLE. Staff requests Council authorization for the City Manager to designate the Assistant Public Works Director to execute all forms pertaining to the Rubberized Pavement Grant Program. No General Fund resources will be used for the project.

CC #: 3802

File #: 0214 & 0800-04

CONTACT: Stefanie Kemen 916-774-5372 skemen@roseville.ca.us

Ordinances (for introduction and adoption - appropriation/urgency measures)

7.13. Fleet Services Vehicle Replacement - Budget Adjustment

Memo from Fleet Manager Brandy LeBeau and Public Works Director Jason Shykowski recommending the City Council adopt ORDINANCE NO. 6916 AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2024-25 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff requests Council approve a \$240,000 budget adjustment to cover the additional cost of equipping 36 new Police Interceptor Utility replacements with the EcoBoost engine option (at \$5,000 per vehicle) and incorporating updated upfit requirements to align with the Police Department's operational needs. This investment ensures that the replacement vehicles meet law enforcement operations' performance, efficiency, and safety demands. The total cost, including sales tax, will be a one-time request out of the FY2024-25 General Fund contingency budget.

CC #: 3787

File #: 0203-02 & 0201-01

CONTACT: Brandy LeBeau 916-774-5531 blebeau@roseville.ca.us

7.14. Old Fiddymont Road Emergency Culvert Repair Project - Capital Improvement Project Approval, Contract Purchase Agreement, and Budget Adjustment

Memo from Senior Engineer Jesse Khatkar and Public Works Director Jason Shykowski recommending the City Council approve the establishment of a new capital improvement project; and adopt RESOLUTION NO. 24-067 ADOPTING A FINDING THAT AN EMERGENCY JUSTIFYING WAIVER OF THE BIDDING REQUIREMENTS UNDER SECTION 7.21 OF THE CHARTER EXISTED AND APPROVING AND RATIFYING A CONTRACT PURCHASE AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND DESILVA GATES CONSTRUCTION, LLC (3004406); and adopt ORDINANCE NO. 6917 AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2024-25

BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff requests Council ratify a February 7th, 2025 contract purchase agreement with DeSilva Gates Construction LLC for \$600,000. Staff also requests approval of a budget adjustment in the amount of \$600,000 to fund emergency repairs to the Old Fiddymment Road culvert bridge crossing Pleasant Grove Creek. Funding of \$300,000 will come from the General Fund Contingency and \$300,000 from the Local Transportation Fund. Repairs are currently ongoing.

CC #: 3796

File #: 0900-04 & 0201-01

CONTACT: Jesse Khatkar 916-774-5434 jskhatkar@roseville.ca.us

7.15. Staffing Changes

Memo from Human Resources Manager Macy Dippert and Human Resources Director Stacey Peterson recommending the City Council adopt ORDINANCE NO. 6919 AMENDING ORDINANCE NO. 6897, THE SALARY ORDINANCE FOR MANAGEMENT EMPLOYEES, AS AMENDED BY APPENDIX "I" TO BE EFFECTIVE MARCH 22, 2025, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 6920 AMENDING ORDINANCE NO. 6911, THE SALARY ORDINANCE FOR EMPLOYEES REPRESENTED BY THE INTERNATIONAL UNION OF OPERATING ENGINEERS, STATIONARY ENGINEERS, LOCAL 39, AS AMENDED BY APPENDIX "G" TO BE EFFECTIVE MARCH 22, 2025, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 6921 AMENDING ORDINANCE NO. 6901, THE SALARY ORDINANCE FOR SEASONAL/TEMPORARY EMPLOYEES, AS AMENDED BY APPENDIX "X" TO BE EFFECTIVE MARCH 22, 2025, AS AN URGENCY MEASURE; and adopt ORDINANCE NO. 6922 AMENDING ORDINANCE NO. 6895, THE SALARY ORDINANCE FOR NON-SWORN EMPLOYEES REPRESENTED BY THE ROSEVILLE POLICE ASSOCIATION, AS AMENDED BY APPENDIX "D" TO BE EFFECTIVE MARCH 22, 2025 AS AN URGENCY MEASURE. As part of an ongoing assessment of the appropriate staffing levels to provide a high level of service to the community, staff requests Council approve the Management A & B salary schedules reflecting the addition of a Business Systems Supervisor, Information Technology Supervisor, and Database Supervisor; the International Union of Operating Engineers, Stationary Engineers, Local 39 A & B salary schedules reflecting the deletion of the Courier classification; the Temporary salary schedule adding a Courier classification; the Roseville Police Association (RPA) A & B Salary Schedules reflecting the addition of Police Community Outreach Specialist classification; adding two (2) regular full-time positions of a Inventory Control and Supply Worker I/II, and a Police Community Outreach Specialist; deletion of one (1) regular full-time Economic Development Project Manager position; and six (6) reclassifications from three (3) Senior Business Systems Analyst to Business Systems Supervisor, one (1) Senior Database Analyst to Database Supervisor, one (1) Senior Information Technology Analyst to Information Technology Supervisor, and one (1) Data Management Specialist to Electric Business Analyst I/II. For the remainder of FY2024-25, the financial impact of the recommendations is: (1) General Fund - \$14,488, (2) Information Technology Operations Fund - \$7,399, (3) Fleet Services Fund -

\$27,645, and (4) Electric Fund - \$15,091. All net budget increases can be covered by existing appropriations in these funds, so no budget adjustments are requested at this time.
CC #: 3800

File #: 0600-01

CONTACT: Macy Dippert 916-774-5215 mdippert@roseville.ca.us

7.16. Electric New Services - Budget Adjustment

Memo from Assistant Electric Utility Director Chris Porter and Electric Utility Director Dan Beans recommending the City Council adopt ORDINANCE NO. 6918 AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2024-25 BUDGET AND DECLARING THIS ORDINANCE TO BE IMMEDIATELY EFFECTIVE AS AN APPROPRIATION MEASURE. Staff requests Council approve a budget adjustment to the Electric New Services Project of \$2,500,000 to continue to provide infrastructure installation services for development, with an offsetting increase to the Contribution in Aid of Construction revenue budget for the same amount. There is no net impact to the Electric Fund.

CC #: 3797

File #: 0800-03 & 0201-01

CONTACT: Chris Porter 916-774-5615 cporter@roseville.ca.us

Ordinances (for second reading and adoption)

7.17. Second Reading - Roseville Municipal Code Ordinance - Military Equipment Policy

ORDINANCE NO. 6923 RENEWING CITY OF ROSEVILLE ORDINANCE 6463 AND READOPTING AND CONTINUING ROSEVILLE POLICE DEPARTMENT POLICY NO. 706, TITLED "MILITARY EQUIPMENT", for second reading and adoption.

CC #: 3803

File #: 0323

CONTACT: Scott Blynn 916-774-5040 sblynn@roseville.ca.us
Darren Kato 916-774-5040 dkato@roseville.ca.us

END OF CONSENT CALENDAR

8. ORDINANCES

8.1. Roseville Municipal Code Amendment – Regulations for Fireworks

Memo from Senior Deputy City Attorney Travis Cochran and City Attorney Michelle Sheidenberger recommending the City Council introduce for first reading ORDINANCE AMENDING SECTION 16.16.140 OF CHAPTER 16.16 OF TITLE 16 OF THE ROSEVILLE MUNICIPAL CODE REGARDING REGULATIONS FOR FIREWORKS. The proposed revisions to Section 16.16.140 build upon the changes adopted by the City Council last year, and will make the ordinance clearer and allow for better and more efficient

enforcement against illegal fireworks. Specifically, the revised ordinance clarifies that the term “possession” of prohibited fireworks includes actual, constructive, or joint possession; expands the concept of “host liability” to include the street and/or sidewalk that is immediately adjacent to the host’s property as well as any other property where a host is exercising apparent control of the property; and clarifies that each individual prohibited firework constitutes a separate violation of the Roseville Municipal Code. There is no direct fiscal impact associated with the proposed ordinance, although the proposed changes may lead to higher numbers of administrative citations being issued for fireworks violations and/or more successful collection of the corresponding fines.

CC #: 3792

File #: 0102

CONTACT: Travis Cochran 916-774-5325 tecochran@roseville.ca.us

9. COUNCIL REPORTS / PUBLIC COMMENTS

10. ADJOURNMENT



COUNCIL COMMUNICATION

CC #:

File #:

Title: Meeting Heading

Contact:

Meeting Date: 3/19/2025

Item #: 0.1.



COUNCIL COMMUNICATION

CC #: 3804
File #: 0102-10

Title: Retirement Resolution - Art Vogtlin
Contact: Blair Hutchison 916-774-5266 bmhutchison@roseville.ca.us

Meeting Date: 3/19/2025
Item #: 5.1.

RECOMMENDATION TO COUNCIL

Commend Art Vogtlin for his 18 years of outstanding service and dedication to the City of Roseville and the Information Technology Department, congratulate him for his accomplishments and wish him a long, healthy, and enjoyable retirement.

BACKGROUND

Not applicable

FISCAL IMPACT

Not applicable

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. Ceremonial documents meet the above criteria and are not subject to CEQA. No additional environmental review is required.

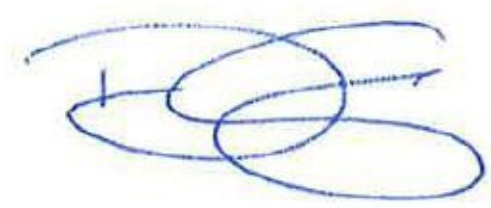
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal B - Support community engagement and advocacy

Respectfully Submitted,

Blair Hutchison, City Clerk Technician

Carmen Avalos, City Clerk

A handwritten signature in blue ink, consisting of several overlapping loops and a vertical stroke on the left.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Art Vogtlin Resolution

Resolution

WHEREAS, on December 21, 2006, Art Vogtlin joined the City of Roseville, bringing dedication, leadership, and technical expertise to the organization; and

WHEREAS, throughout Art's distinguished 18-year career, he served in key leadership roles, including Public Safety Systems Manager, IT Program Manager, and Assistant IT Director, overseeing technology infrastructure operations, citywide application support, and technology support services; and

WHEREAS, Art played a pivotal role in advancing the City's technology landscape, leading and supporting hundreds of critical technology projects across Public Safety, General Government, and Utilities, ensuring reliable and innovative solutions for City operations; and

WHEREAS, Art demonstrated outstanding leadership in times of crisis, spearheading major initiatives such as the City's COVID-19 Technology Response (2020), October Surprise Network Response (2018), and the EOC Cyber Exercise (2015), as well as providing rapid response during the 2024 CrowdStrike Network incident; and

WHEREAS, Art's commitment to excellence extended beyond operations, contributing to the recruitment and mentorship of future IT professionals by leading or supporting over 60 IT recruitments, strengthening the City's technology workforce; and

WHEREAS, Art has been widely recognized for his exceptional contributions, earning numerous awards, including the prestigious Pride of Roseville: Outstanding Work Performance (2023), Innovation Top Team Awards (2018, 2019), IT Manager of the Year (2012, 2014, 2018), and the IT Outstanding Service Award (2011); and

WHEREAS, Art furthered his professional development and leadership within the organization, graduating from Leadership Roseville (2022) and achieving Certified Government Chief Information Officer (CGCIO) status in 2021; and

WHEREAS, Art's colleagues recognized not only his technical and managerial acumen but also his unique personality and contributions to workplace culture, bestowing upon him the memorable title of "IT's Most Interesting Person Alive" in 2021; and

WHEREAS, the City of Roseville expresses its deep gratitude to Art Vogtlin for his years of dedicated service, his unwavering commitment to innovation and excellence, and his profound impact on the City's technology landscape.

NOW, THEREFORE, BE IT RESOLVED BY THE COUNCIL OF THE CITY OF ROSEVILLE, CALIFORNIA, that **ART VOGTLIN** be commended for his 18 years of outstanding service and dedication to the City of Roseville and the Information Technology Department, congratulate him for his many accomplishments, and wish him a long, healthy, and enjoyable retirement.

SIGNED and APPROVED this 19th day of March 2025.



KRISTA BERNASCONI, MAYOR



COUNCIL COMMUNICATION

CC #:

File #:

Title: Sacramento Area Council of Governments - Blueprint Project

Contact: Carmen Avalos 916-774-5269 cavalos@roseville.ca.us

Meeting Date: 3/19/2025

Item #: 5.2.



COUNCIL COMMUNICATION

CC #: 3801
File #: 0203-10

Title: Adventure Club Heating, Ventilation, & Air Conditioning Replacement Project (RFQ 10-3399) – Contract Purchase Agreement
Contact: Tiffany Valdez 916-746-1109 tvaldez@roseville.ca.us

Meeting Date: 3/19/2025
Item #: 7.1.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution to authorize a contract purchase agreement with THP Mechanical LLC as the lowest responsive and responsible bidder for Request for Quotations No. 10-3399 Adventure Club Heating Ventilation, Air Conditioning (HVAC) Replacement and authorize the City Manager to execute it on behalf of the City. Staff also recommends Council approval for change order authority for a 10% construction contingency.

BACKGROUND

The Parks, Recreation & Libraries Department operates 21 City-owned Adventure Club modular facilities, which are located on elementary school campuses in partnership with local school districts. Nine of the Adventure Club facilities are over 25 years old, and their aging HVAC units have become too costly to repair and maintain. These units have exceeded their useful lives and are in need for replacement.

The bid pricing worksheet listed nine Adventure Club sites to be quoted. However, staff eliminated the Heritage Oaks site due to budget constraints and will only be replacing HVAC units at eight sites.

A formal bid was issued with the following vendor responses:

<u>Bidder</u>	<u>Grand Total</u>
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THP Mechanical LLC	\$275,791
El Dorado Hills, CA	

Galaxy Services, Inc	\$279,939
Pleasant Hill, CA	

ACCO Engineered Systems, Inc.	\$314,191
Mather, CA	

Mesa Energy Systems, Inc. \$338,225
West Sacramento, CA

California United Mechanical \$345,540
West Sacramento, CA

Hometown Construction, Inc. \$347,422
Rio Linda, CA

Air9 \$347,500
Carmichael, CA

B&M Builders, Inc. \$376,376
Rancho Cordova, CA

Air Systems Service & Construction \$399,477
Sacramento, CA

HUG Corp \$399,600
West Sacramento, CA

Champion Industrial Contractors \$473,642
Modesto, CA

Lawson SSP Group and Aria Electric & Construction were deemed non-responsive as they were both missing required documents from their bid submittals.

FISCAL IMPACT

The cost of the Agreement is \$230,469. Authorized change orders on an as-needed basis up to 10% (\$23,046.90) as a construction contingency, would bring the total contract amount to \$253,515.90. Funding is included in the FY2024-25 Youth Development Fund budget.

ENVIRONMENTAL REVIEW

The proposed project involves the minor alteration of an existing facility. This activity is categorically exempt from CEQA as a Class 1 Exemption (State CEQA Guidelines Section 15301). The Exemption has been prepared and no further CEQA action is required.

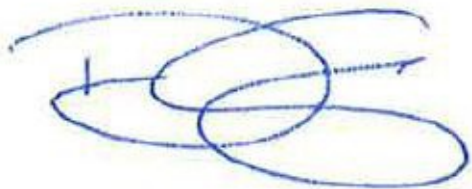
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal C - Maintain a safe and healthy community
Goal E - Deliver exceptional city services

Respectfully Submitted,

Tiffany Valdez, Buyer

Scott Pettingell, Finance Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 25-070

Contract Purchase Agreement #3004420

Notice of Exemption

RESOLUTION NO. 25-070

APPROVING A CONTRACT PURCHASE AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND THP MECHANICAL, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a contract purchase agreement (3004420) for materials and labor to complete the Adventure Club heating, ventilation and air conditioning replacement, by and between the City of Roseville and THP Mechanical, LLC, 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.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville 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 original contract price.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2025, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



Contract Purchase Agreement 3004420

Supplier Details:

Company THP Mechanical LLC
Contact Craig Medley
Address 1261 Hawks Flight Ct Ste E

El Dorado Hills, CA 95762

Submit your response to:

Company City of Roseville
Contact Tiffany Valdez
Address Purchasing Division
311 Vernon St
Roseville, CA 95678
Phone (916) 746-1109
Fax (916) 746-1115
E-mail TValdez@roseville.ca.us

This Contract Purchase Agreement is sent for your review and acceptance. Notify the Buyer via email of any needed changes to the company name, address, and contact information. The Buyer will update the agreement prior to you signing the document.

Return signed copies of the agreement to the Buyer noted on the agreement. Alterations or modifications to the agreement are not allowed. Upon receipt of all necessary documents, the City will sign the agreement and return a fully executed copy to you. Receipt of the signed copy will be your notice to proceed with the work in accordance with the terms and conditions of the agreement. Work must not begin until the contract has been fully executed.

The following guidelines must be followed for the signature block on the agreement:

Sole proprietorship - **By owner**

Partnership - **Any general partner**

Corporation - **Two options:**

(1) A signature from the President and the corporate seal; **OR**

(2) One signature from the Chairman of the Board, President, or any Vice President **AND** one signature from the Secretary, any Assistant Secretary, Chief Financial Officer, or any Treasurer or Assistant Treasurer of the corporation

*General Manager, Office Manager and/or Sales Manager are **not** corporate officer titles. The agreement will be rejected if not signed in accordance with these guidelines.

Insurance requirements:

The City's insurance requirements are referenced on Attachment A of the agreement. By signing the agreement, you are confirming that your company has the minimum insurance limits required.



Contract Purchase Agreement 3004420

Agreement	3004420
Agreement Date	15-FEB-2025
Revision	0
Agreement Amount	230,469.00 USD

Invoice To **City of Roseville**
Accounts Payable
311 Vernon St
ROSEVILLE CA 95678

Phone: (916) 774-5488

Fax: (916) 784-3796

Email: accountspayable@roseville.ca.us

Supplier **THP Mechanical LLC**
 1261 Hawks Flight Ct Ste E

El Dorado Hills, CA 95762

Phone: (833) 847-6324

Fax: ()

Email: cmedley@thpmechanical.com

Description of Labor, equipment and/or materials VENDOR SHALL PROVIDE THE MATERIALS AND LABOR TO COMPLETE THE ADVENTURE CLUB HEATING, VENTILATION AND AIR CONDITIONING REPLACEMENT PROJECT IN ACCORDANCE WITH ALL SPECIFICATIONS, ATTACHMENTS, TERMS AND CONDITIONS, AND PUBLIC PURCHASE QUESTION AND ANSWERS PER RFQ 10-3399.

START DATE: EXECUTED AGREEMENT

END DATE: FINAL PAYMENT

PLEASE CONTACT ROB NAKAMURA IN THE PARKS, RECREATION AND LIBRARIES DEPARTMENT AT 916-774-5135 OR BY EMAIL AT RNAKAMURA@ROSEVILLE.CA.US FOR QUESTIONS REGARDING THIS AGREEMENT.

Customer #	Supplier #	Payment Terms	Freight Terms	FOB	Shipping Method
	16345	Net 30	Freight on Board at the destination	Destination	Best Method
Start Date	End Date	Confirm To			
Tiffany Valdez Phone 1-916-746-1109					

Attention: Total Cost not to exceed the agreement amount without prior approval of the Purchasing office.

Contract Terms and Conditions

1. To the fullest extent allowed by law, Contractor shall defend, indemnify, and save and hold harmless the 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 Contractor'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 or active negligence or willful misconduct. 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.
2. Contractor is an independent contractor, and shall not be considered an officer, agent, or employee of the City.
3. Without the written consent of the City, this Agreement is not assignable by Contractor either in whole or in part.
4. Time is of the essence of this Agreement.
5. At any time during the term of this Agreement, the City has the right to terminate this Agreement, provided Contractor is given thirty (30) days written notice. City's termination shall be without further liability to City; however, Contractor shall be entitled to all costs reasonably incurred prior to the date of termination. Contractor acknowledges that City may terminate this Agreement should funds not be appropriated by its governing body to continue services under this Agreement.
6. This Agreement may only be amended or modified in writing. It is integrated and contains the complete understanding of the parties.
7. All equipment, supplies and services sold to the City of Roseville shall conform to the general safety orders of the State of California.
8. Unless notified to the contrary, in writing, the City assumes that the Contractor has accepted the work in accordance with the plans and specifications (if any) and agrees to do the work in compliance with this Agreement.
9. All prevailing wages and fair employment practices must be adhered to. For prevailing wage contracts over \$25,000, copies of certified payroll must be submitted with invoices. 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>. In compliance with Labor Code Section 1773.2, as may be amended from time to time, Contractor shall cause a copy of this website to be posted at each jobsite, as applicable.
10. Contractor agrees to the below insurance requirements:
 - a. Unless otherwise specified, the Contractor shall maintain the policies of insurance outlined in Attachment A, incorporated herein by this reference, in full force and effect during the term of this Agreement. The City of Roseville retains sole discretion in determining the types and proper levels of insurance coverage.
 - b. Form. Contractor 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.

- c. **Additional Insureds.** Contractor shall also provide a separate endorsement or section of the policy showing City, its officers, agents, employees, and volunteers as additional insureds for each type of coverage (except Workers' Compensation) and for ongoing and completed operations. Such insurance shall specifically cover the contractual liability of Contractor. The additional insured coverage under the Contractor'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.
- d. **Cancellation/Modification.** Contractor shall provide thirty (30) days written notice to City prior to cancellation or modification of any insurance required by this Agreement.
- e. **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.
- f. **Subcontractors.** Contractor 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, 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 Agreement. 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.
- g. **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.
- h. **Waiver of Subrogation.** Contractor hereby agrees to waive subrogation which any insurer of Contractor may acquire from Contractor 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 Contractor, its employees, agents and subcontractors.
- i. **Liability/Remedies.** Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve Contractor 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.

11. Contractor shall comply with all federal, state and local laws and ordinances, including but not limited to the City's storm water regulations, as may be applicable to the performance of services under this Agreement. Failure to comply with local ordinances may result in monetary fines and cancellation of this Agreement. Refer to www.roseville.ca.us/stormwater for links to more information on the City's storm water regulations.
12. In the event that the terms of any attachment or exhibit conflict with any terms of this Agreement, the terms of this Agreement shall control.
13. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. In the event that any signature is delivered by facsimile transmission or by e-mail delivery of a ".pdf" format data file, such signature shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such facsimile or ".pdf" signature page were an original thereof.
14. If either party commences any legal action against the other party arising out of this Agreement or the performance thereof, 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 attorneys' 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.
15. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.
16. 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.
17. For purposes of this Agreement, the terms "Contractor," "Consultant," and "Supplier" are used interchangeably.
18. 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 agreement, 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.
19. Vehicles with a gross vehicle weight rating (GVWR) greater than 8,500 lbs. and light-duty package delivery vehicles operated in California may be subject to the California Air Resources Board (CARB) Advanced Clean Fleets regulations. Such vehicles may therefore be subject to requirements to reduce emissions and air pollutants. For more information, visit the CARB Advanced Clean Fleet webpage at <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>.
20. Contractor/consultant's duties and services under this agreement shall not include preparing or assisting the public entity with any portion of the public entity's preparation of a request for proposals, request for qualifications, or any other solicitation regarding a subsequent or additional contract with the public entity. The public entity entering this agreement shall at all times retain responsibility for public contracting, including with respect to any subsequent phase of this project. Contractor/consultant's participation in the planning, discussions, or drawing of project plans or specifications, if any, shall be limited to conceptual, preliminary, or initial plans or specifications. Contractor/consultant shall cooperate with the public entity to ensure that all bidders for a subsequent contract on any subsequent phase of this project have access to the same information, including all conceptual, preliminary, or initial plans or specifications prepared by contractor pursuant to this agreement.
21. 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 the 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.

22. Contractor certifies that Contractor, its employees, directors, officers, agents, subcontractors, vendors, and volunteers are not presently debarred, excluded, suspended, declared ineligible, voluntarily excluded, or proposed for debarment, exclusion, suspension, or ineligibility by any federal, state, or local department or agency.
23. The Levine Act (Govt. Code, Section 84308) requires a Party (and its agent(s), if any) to a Proceeding before the City of Roseville that involves any action or consideration related to their contract, license, permit, or other entitlement for use, to disclose any campaign contributions made to City elected or appointed officers totaling more than \$250 within the twelve (12) months prior to the City decision and while a proceeding is pending, and includes certain prohibitions on contribution activity thereafter. If applicable campaign contributions have been made by Contractor and/or its agent(s), Contractor is responsible for compliance, including for its disclosure obligations, if any, as further described at: https://www.roseville.ca.us/government/departments/city_clerk/transparency/levine_act.
24. This Agreement may be amended via change order, but only if such change order is made in writing, approved by the City, and signed by both parties.
25. CONTRACTOR agrees to defend and indemnify CITY if, despite the parties intent and practice, any venue, agency, or court with competent jurisdiction determines that CONTRACTOR and/or any of its agents, officers, employees, volunteers, independent contractors, or subcontractors, are characterized as employee(s) of CITY.

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

The supplier named hereon by the acceptance of this order agrees to the provisions of this document titled "Contract Purchase Agreement" and all accompanying terms, conditions, and attachments.

Roseville Business License No. 00854311

Contractor License No. 790840

DIR Registration No. 1001171227

Check mark the applicable company type below:

- ☐ Corporation
- ☒ Limited Liability Company
- ☐ Partnership
- ☐ Sole Proprietor

Contract Purchase Agreement 3004420

City Reserves the right to withhold any payments to contractor in the event of noncompliance with insurance requirements or if required by law.
Construction T&C
REV 3/21/24 JS

**ATTACHMENT A
HUMAN RESOURCES/RISK MANAGEMENT DIVISION
INSURANCE REQUIREMENTS
AGREEMENT OVER FORMAL BID LIMIT OR INVOLVING HIGH RISK ACTIVITIES**

General - Required Coverage/Documentation

- General Liability: \$1 Million per occurrence /\$2 Million aggregate
- Automobile Liability: \$1 Million combined single limit
- Workers' Compensation: Statutory *Must provide a Waiver of subrogation
- Additional Insured Endorsement (AIE) - General Liability policy: CG 20 38 04 13 or an equivalent, blanket endorsement or section of the policy. Endorsement shall cover the City of Roseville, its officers, agents, employees and volunteers as additional insured.
- Policies must be primary and non-contributory
- A 30 day notice of cancellation must be provided
- List certificate holder as: The City of Roseville - Insurance Compliance, PO Box 100085-R1, Duluth, GA 30096

Additional Liability/Insurance Requirements if required by Agreement (and marked below):

Construction: X_____

General Liability:
\$2 Million/occurrence
\$4 Million aggregate

Design Professional:_____

General Liability:
\$2 Million/occurrence
\$4 Million aggregate
Professional Liability:
\$2 Million/occurrence

Professional Consultant:_____

Professional Liability:
\$1 Million/occurrence

IT Services:_____

Professional Liability:
\$1 Million/occurrence
No auto required
Cyber Liability:
\$1 Million/occurrence

Hazardous Materials:_____

Pollution Liability:
\$1 Million/occurrence

Special Events/Caterers-Vendors:_____

No auto required
No workers' comp required

Professional Counseling/ Psychological:_____

Professional Liability:
\$1 Million/occurrence

Contract Purchase Agreement 3004420

No auto required

Pyrotechnics: _____

General Liability:

\$5 Million/occurrence

\$10 Million aggregate

Auto - \$2 Million/occurrence

Chemical/Environmental: _____

General Liability:

\$3 Million/occurrence

\$6 Million aggregate

Pollution - \$2 Million/Occurrence

Auto - \$2 Million/Occurrence

Insurance Submission Process

The City of Roseville Human Resources/Risk Management Department uses a service called EBIX to manage our insurance certificate tracking.

How It Works

- The vendor's contact information is entered into EBIX. EBIX will contact the vendor to request proof of insurance.
- The Vendor can forward the request to their Insurance Agent(s) if necessary.
- Vendor/Insurance Agent submits insurance to EBIX by email to roseville@ebix.com or by fax to (770) 325-5727. After faxing or emailing the certificate, please DO NOT send the certificate by mail to EBIX. Please do not mail, email or fax any certificates to the City of Roseville.
- Once submitted, EBIX reviews the insurance documentation. If there are deficiencies, EBIX will send a follow up letter or email requesting additional information.

Questions Regarding Insurance Submission: Contact EBIX at (951) 652-4239

Questions Regarding Insurance Requirements Contact Risk Management at (916) 774-5202

Asbestos-Containing Materials in City-Owned Buildings

California Health and Safety Code Section 25915 requires that all City of Roseville employees, contractors and lessees be notified annually of the presence of asbestos in City-owned buildings constructed prior to 1979. Please post this notice in an area(s) accessible to all employees, contractors and lessees. Contact Facility Maintenance & Operations at (916) 774-5740 for more information about Asbestos Containing Materials (ACMs) in specific City-owned buildings. For more information about asbestos refer to the OSHA website.

The City of Roseville is committed to maintaining a safe and healthy work environment. The City's Facility Maintenance & Operations staff conducts ongoing inspections to identify and safely manage previously installed asbestos-containing products. Renovation of City-owned buildings **MUST** be reviewed in advance by Facility Maintenance & Operations to ensure the City is in compliance with building codes, Americans with Disabilities Act and that no ACMs are disturbed without proper safeguards. Work that requires removal or repair of ACMs is restricted to trained and qualified persons only. **Facility Maintenance & Operations will need to approve the qualified contractors.**

Use the following measures to protect you and others from exposure to airborne asbestos:

- Presume all building materials contain asbestos until determined otherwise by Facility Maintenance & Operations.
- Do not install walls, closets, cabinets, ceilings.
- Do not remove, cut, drill, sand, grind or otherwise disturb any material in the buildings, including carpet and tile.
- Do not paint (this includes any walls, ceilings, floors and electrostatic painting of office furniture).
- Do not remove any items nailed or screwed to the walls (this includes pictures, cabinets, electrical, etc.).
- Do not go above ceilings, behind walls or into building spaces such as attics and crawlspaces unless these areas have been inspected and cleared by Facility Maintenance & Operations.
- Do not pull cable or wiring through above-ceiling spaces with asbestos.
- Do not install screws, pins, nails or hangers into asbestos ceiling or wall plaster.
- Be careful not to damage walls, ceilings or floors when moving furniture or equipment. It is recommended that Facility Maintenance & Operations be contacted prior to moving furniture or equipment.
- Do not brush, sweep or vacuum textured asbestos ceiling plaster or plaster debris.
- Immediately report any damage or deterioration of suspect building materials to Facility Maintenance & Operations or Risk Management.

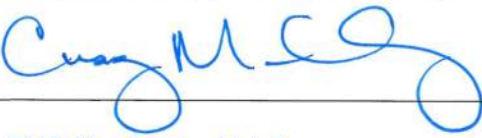
It is important to note that the presence of asbestos does not mean you have been exposed. Exposure results when friable asbestos particles are inhaled or ingested. Asbestos becomes friable when material containing asbestos is drilled, sanded or disturbed by remodeling or demolition work or when the ACM has deteriorated. Intact, bonded, sealed or undisturbed asbestos does not pose a hazard.

Employees may review the asbestos survey reports, results of bulk sampling or air monitoring conducted in City-owned buildings. All asbestos data will be available by appointment with Facility Maintenance & Operations.

Contract Purchase Agreement 3004420

Facilities Built Pre 1979 That May Contain Asbestos	Year Built
Downtown Library - 225 Taylor Street 95678	1974
Carnegie Museum - 557 Lincoln Street 95678	1912
Tower Theatre - 415 Vernon Street 95678	1940
Fire Station #3 - 1300 Cirby Way 95661	1963
Old Corp Yard - 100 Old Corp Yard Road 95678	1940
Water Treatment Plant Operations Bldg.- 9595 Barton Road 95746	1965
Waste Water Treatment Plant Operations Bldg. - 1800 Booth Road 95747	1962
Royer Recreation Bldg. - 190 Park Drive 95678	1950
Fire Museum - 400 Lincoln Street 95678	1930
Diamond Oaks Golf - 349 Diamond Oaks Road 95678	1965
Johnson Pool, 4th & D Street	1950
330 Vernon Street	1940
107 Sutter Avenue	1962

Sign to acknowledge receipt of asbestos notification:

SIGNATURE	
COMPANY NAME	THP Mechanical LLC
DATE	02/24/2025

Asbestos
Rev 01/16/19

Supplier

Signature: 

Print Name: Craig Medley

Title: President

Date: 02/24/2025

Supplier

Signature: _____

Print Name: _____

Title: _____

Date: _____

City of Roseville, A Municipal Corporation

Signature: _____

Print Name: **Dominick Casey**

Title: **City Manager**

Date: _____



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: Adventure Club HVAC Replacement – Contract Purchase Agreement

Project Location(s): Sargeant Elementary School, 1200 Ridgecrest Way (APN 468-100-013); Kaseberg Elementary School, 1040 Main Street (APN 017-162-028); Cirby Elementary School, 814 Darling Way (APN 014-360-002); Crestmont Elementary School, 1501 Sheridan Avenue (APN 467-050-011); Spanger Elementary School, 699 Shasta Street (APN 015-100-046); Woodbridge Elementary School, 515 Niles Avenue (APN 011-060-001); Junction Elementary School, 2150 Ellison Drive (APN 017-153-007); and Vencil Brown Elementary School, 250 Trestle Road (APN 363-030-057).

Project Description: This project would approve the authorization of a contract purchase agreement and replacement of the existing outdated Heating, Ventilation, and Air Conditioning (HVAC) equipment located at eight Adventure Club sites located on elementary school campuses throughout the city. The HVAC units at these sites are over 25 years old and have become too expensive to repair and maintain, and so require replacement. The new HVAC systems will not result in any expansion of use at any of the sites.

Public Agency Approving Project: Roseville City Council

Agency/Individual Carrying Out Project: City of Roseville Finance Department

Reason why this Project is Exempt: This project qualifies for a Class 1 Exemption as described in Section 15301 of the California Environmental Quality Act (CEQA) guidelines which states:

"Class 1 consists of the...repair...of existing public...structures, facilities, [or] mechanical equipment...involving negligible or no expansion of existing or former use.... Examples include but are not limited to: (a) Interior or exterior alterations involving such things as interior partitions, plumbing, and electrical conveyances..."

The project is confined to within the eight existing Adventure Club sites listed above and would not result in expansion of use. No environmentally sensitive resources are located within or adjacent to the properties; therefore the Class 1 exemption is applicable to the proposed project.

Lead Agency Contact Person: Tiffany Valdez, Finance Department - Purchasing, 311 Vernon Street, Roseville, CA 95678. (916) 746-1109.

Signature: _____

A handwritten signature in cursive script, appearing to read "Jessica Lynch", is written over a horizontal line.

Jessica Lynch, Environmental Coordinator, City of
Roseville

Date: 2/20/2025



COUNCIL COMMUNICATION

CC #: 3791
File #: 0704-01

Title: Rocky Rockholm (FD-51) Park Project - Approval of Plans and Specifications and Authorize Staff to Call for Bids
Contact: Joel De Jong 916-774-5924 jdejong@roseville.ca.us

Meeting Date: 3/19/2025
Item #: 7.2.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council approve the plans and specifications for the Rocky Rockholm (formerly FD-51) Park Project and authorize staff to call for bids.

BACKGROUND

Rocky Rockholm Park (formerly FD-51) is a 1.12-acre park site located off Earl Rush Drive at Market Street in the Sierra Vista Specific Plan area. The master plan for this park was approved by the City Council on September 18, 2024. Amenities planned for the park include a turf (natural grass) area, concrete walkways, a shaded seating/picnic area, undeveloped natural space with native trees, fencing, natural walking paths, planting, and irrigation. One additive alternate has been identified for budget purposes, which includes an expanded turf (grass) area with irrigation in place of a portion of the undeveloped natural space. Bids are scheduled to be opened in April 2025. Staff plans to return to Council in May 2025 to seek approval to award the project.

The architect's estimate for construction for the base bid is \$419,000.

FISCAL IMPACT

Funding for design of the park was included in the FY2021-22 budget with construction included in the FY2023-24 capital improvement project (CIP) budget in the Neighborhood Park - Sierra Vista Fund. Maintenance costs will be funded by the Sierra Vista Community Facilities District No. 2 (Public Services). There will be no General Fund impact.

ENVIRONMENTAL REVIEW

Development of the Rocky Rockholm (formerly FD-51) Park Project was previously evaluated in the Sierra Vista Specific Plan (SVSP) EIR (certified May 5, 2015, and SCH No. 2008032115), and identified in the associated Sierra Vista Specific Plan. As proposed, construction of Rocky

Rockholm Park is within the scope of the project covered by the SVSP Final EIR. As discussed in the Specific Plan EIR, the EIR provides environmental analyses of community infrastructure and facilities, including parks, pedestrian bridges, and bike trails, to the extent applicable. Because the project is consistent with the SVSP Final EIR and Specific Plan, no new effects would be expected to occur and all applicable mitigation measures from the SVSP EIR will be implemented during the design and construction of the Rocky Rockholm Park. The proposed project meets the requirements identified in Section 15183 of the State CEQA Guidelines, therefore, no additional CEQA review is required.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal A - Remain fiscally responsible in a changing world

Goal C - Maintain a safe and healthy community

Goal E - Deliver exceptional city services

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Joel De Jong, Park Development Project Manager

Jill Geller, Parks, Recreation & Libraries Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Vicinity Map

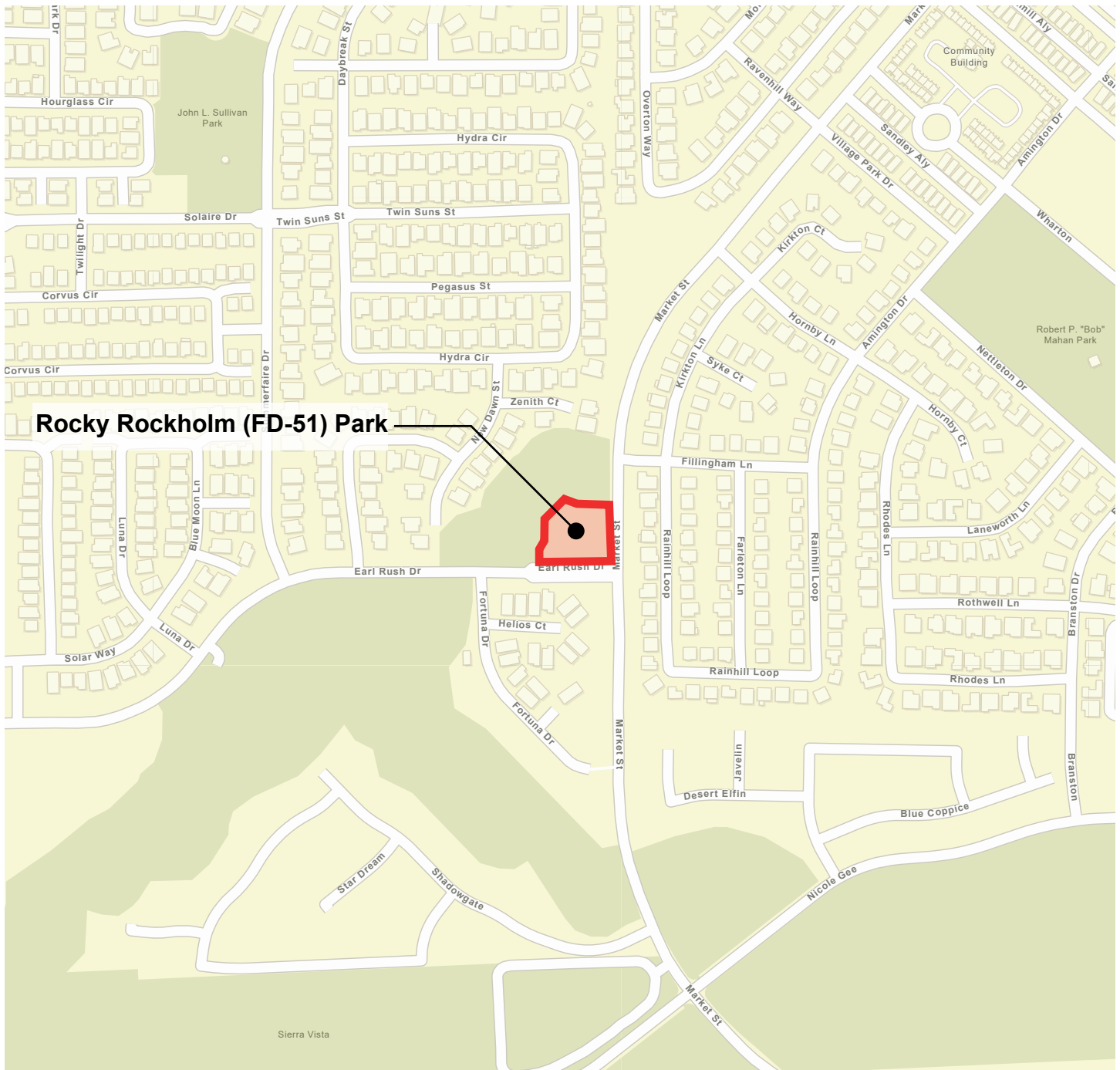
Plans Pt 1

Plans Pt 2

Project Manual

Rocky Rockholm (FD-51) Park

Vicinity Map



FUHRMAN LEAMY LAND GROUP HEREBY EXPRESSLY RESERVES ITS COMMON LAW COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED, OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION OF FUHRMAN LEAMY LAND GROUP NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT

CITY OF

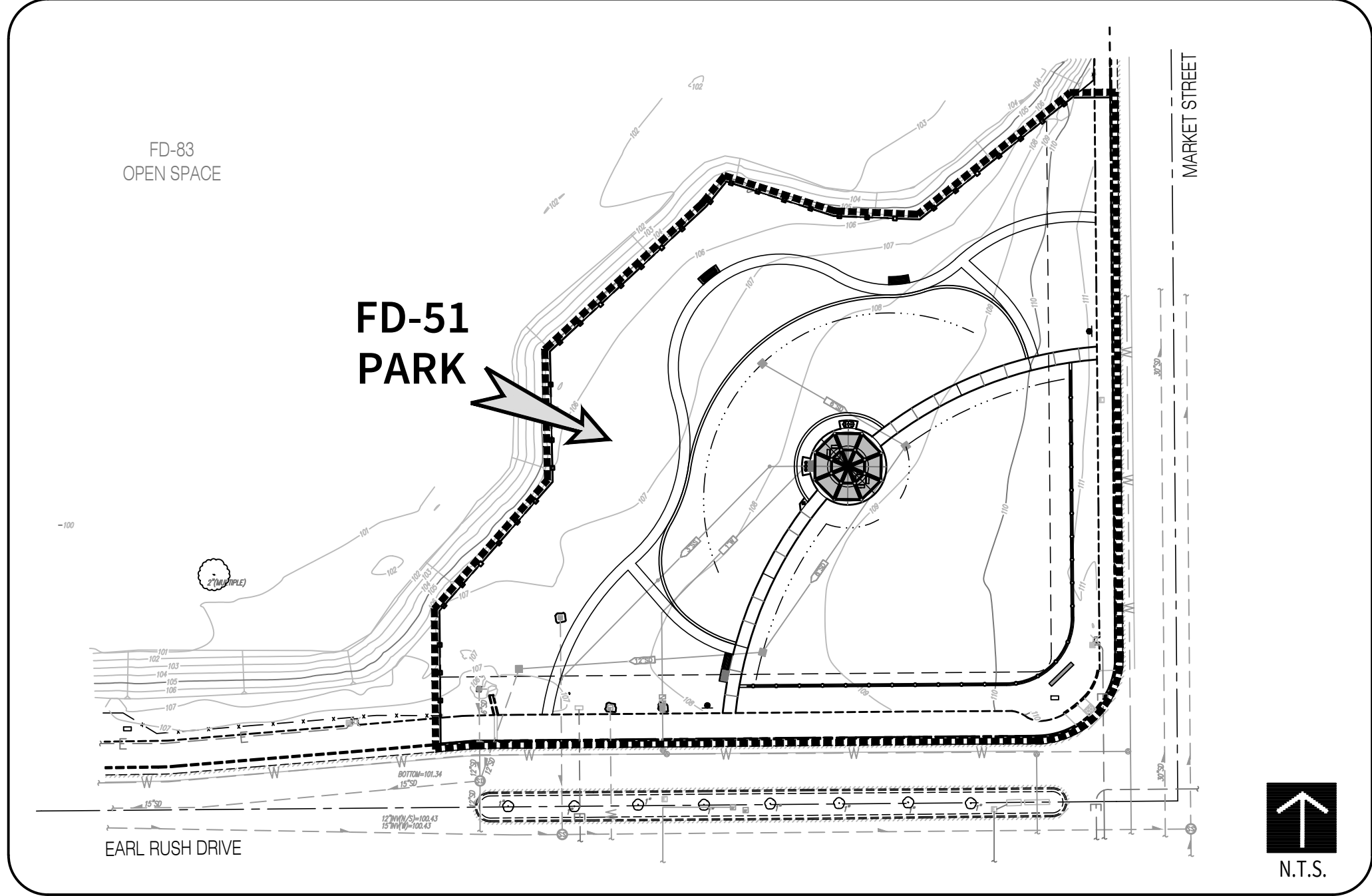
ROSEVILLE

CALIFORNIA

PARKS, RECREATION & LIBRARIES DEPARTMENT



SITE MAP



MODEL CODES

ALL WORK SHALL CONFORM TO THE FOLLOWING MODEL CODES:

- 2022 CALIFORNIA BUILDING CODE WITH CITY OF ROSEVILLE AMENDMENTS (CBC),
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CGBSC),
- 2022 CALIFORNIA MECHANICAL CODE (CMC),
- 2022 CALIFORNIA PLUMBING CODE (CPC),
- 2022 CALIFORNIA ELECTRICAL CODE WITH CITY AMENDMENTS (CEC),
- 2022 CALIFORNIA ENERGY CODE (CEC PART 6),
- 2022 CALIFORNIA FIRE CODE WITH CITY OF ROSEVILLE AMENDMENTS (RFC).

SPECIAL INSPECTIONS

- 1704.3.3 - HIGH STRENGTH BOLTING PER REQUIREMENTS ON SHEET 4 OF SHADE STRUCTURE DRAWINGS.
- 1704.4 - CONCRETE CONSTRUCTION PER REQUIREMENTS ON SHEET 2.1 OF SHADE STRUCTURE DRAWINGS.

BUILDING CLASSIFICATION

- A. OCCUPANCY GROUP: U
- B. TYPE OF CONSTRUCTION: V-B NON SPRINKLED
- C. FLOOR AREA (S.F.): 600 S.F.
- D. NUMBER OF STORIES: 1
- E. TOTAL OCCUPANT LOAD: XX

HOURS OF CONSTRUCTION

IN ACCORDANCE WITH THE CITY'S NOISE ORDINANCE, THE HOURS OF PROJECT CONSTRUCTION SHALL BE LIMITED TO THE FOLLOWING:
7:00 A.M. TO 7:00 P.M. (MONDAY THRU FRIDAY)
8:00 A.M. TO 8:00 P.M. (SATURDAY, SUNDAY & HOLIDAYS)

NOTE:

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE ALL MATERIALS AND WORK AS DETAILED IN THE CITY OF ROSEVILLE PARKS CONSTRUCTION STANDARDS - JULY 2023 OR LATEST EDITION AND THE CITY OF ROSEVILLE DESIGN & CONSTRUCTION STANDARDS - JANUARY 2013 WITH 2021 AMENDMENTS OR LATEST EDITION. CONTRACTOR SHALL PROVIDE SUBMITTALS BASED ON THE PROVIDED DRAWINGS AND ALL REQUIREMENTS IN THE ABOVE MENTIONED GUIDELINES.

STATE WATER RESOURCES CONTROL BOARD W.D.I.D. IDENTIFICATION NO.:

XXXXXXXX

MS4 PERMIT INFORMATION

ANTICIPATED START DATE: APRIL 2019
ANTICIPATED COMPLETION DATE: NOVEMBER 2019
PARCEL SIZE: 1.1 AC
ESTIMATED DISTRIBUTION OF SOIL: 1.1 AC
NEAREST CREEK: UNNAMED TRIBUTARY 10' NORTH

DEFERRED BUILDING DIVISION SUBMITTALS:

- SPECIAL INSPECTION AND TESTING AGREEMENT FORM

CITY OF ROSEVILLE GENERAL NOTES:

- ALL CONSTRUCTION AND MATERIALS SHALL CONFORM TO THESE PLANS AND THE LATEST EDITION AND AMENDMENTS OF THE CITY OF ROSEVILLE DESIGN AND CONSTRUCTION STANDARDS.
- THE CITY OF ROSEVILLE IS A MEMBER OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ONE-CALL SYSTEM. THE CONTRACTORS SHALL NOTIFY THE U.S.A. CENTER 48 HOURS IN ADVANCE OF PERFORMING ANY EXCAVATION WORK BY CALLING 1-800-227-2600.
- 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.
- 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 SAME.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND OTHER SURVEY MARKERS ON THE JOB SITE.
- THE CONTRACTOR SHALL PLACE BOXED SURVEY MONUMENTS WITH 1-1/2" BRONZE HEAD SET IN CONCRETE (STD. DWG. ST-36) AT LOCATIONS SHOWN ON THESE PLANS.
- 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, RE-COMPACTED, AND RESEALED PRIOR TO PAVING.
- ANY EXISTING CONCRETE SURFACE TO BE REMOVED SHALL BE SAW CUT TO A NEAT, STRAIGHT LINE.
- 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. TRAFFIC CONTROL HOURS ARE SUBJECT TO LIMITATION BY THE CITY. TRAFFIC CONTROL MEASURES THAT AFFECT TRAFFIC FLOW MAY REQUIRE NIGHT WORK.
- AS A PART OF TRAFFIC CONTROL MEASURES, A ROADWAY CLOSURE HAS BEEN APPROVED. THE CONTRACTOR SHALL NOTIFY DEVELOPMENT SERVICES CONSTRUCTION INSPECTOR 72 HOURS IN ADVANCE OF SETTING UP THIS CLOSURE.
- 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.
- DRAIN INLETS NOT WITHIN A PAVED AREA SHALL HAVE A 12" WIDE COLLAR OF 6" THICK P.C.C. OR 2" THICK A.C.
- PRIOR TO THE CERTIFICATE OF COMPLETION ON ALL SINGLE-FAMILY RESIDENTIAL SUBDIVISIONS, THE DEVELOPER SHALL SUBMIT A LETTER FROM THE POST OFFICE STATING THAT ITS REQUIREMENTS FOR MAILBOX CLUSTER PADS HAVE BEEN SATISFIED.
- ALL UNDERGROUND UTILITIES WITHIN EXISTING OR PROPOSED CITY OF ROSEVILLE EASEMENTS SHALL REQUIRE A MINIMUM OF 96% COMPACTION ON THE TRENCH BACKFILL. COMPACTION OF BACKFILL BY JETTING IS NOT PERMITTED IN CITY OF ROSEVILLE RIGHT OF WAY AND EASEMENT AREAS OR WITHIN DEDICATED RECLAIMED WATER, STORM, SEWER OR WATER EASEMENTS AND MAINS.
- THE CONTRACTOR SHALL CONDUCT A PRE-CONSTRUCTION MEETING ONE WEEK PRIOR TO STARTING WORK. MEMBERS OF THE CITY OF ROSEVILLE DEVELOPMENT SERVICES DEPARTMENT, ENVIRONMENTAL UTILITIES DEPARTMENT AND ALL OTHER UTILITY REPRESENTATIVES SHALL BE NOTIFIED BY THE CONTRACTOR AS TO THE DATE AND LOCATION OF THE MEETING.
- PRIOR TO EXCAVATION OF TRENCHES 5 FEET OR DEEPER, THE CONTRACTOR SHALL SUBMIT TO THE DEVELOPMENT SERVICES DEPARTMENT OR ENVIRONMENTAL UTILITIES DEPARTMENT INSPECTOR A COPY OF THE COMPANY'S ANNUAL CAL OSHA 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.
- ALL PAINTED TRAFFIC STRIPES, ARROWS, AND PAVEMENT MARKINGS SHALL BE CONSTRUCTED WITH THERMOPLASTIC MATERIAL TO THE SPECIFICATIONS SET FORTH IN CHAPTER 3 OF THE CALIFORNIA MUTCD LATEST EDITION. NON-REFLECTIVE PAVEMENT MARKERS SHALL CONSIST OF CERAMIC MARKERS ONLY CONFORMING TO CHAPTER 3 OF THE CALIFORNIA MUTCD LATEST EDITION.
- THE DEVELOPERS 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 CRACKS AND OTHERWISE PRE-EXISTING DAMAGED PUBLIC IMPROVEMENTS ALONG THE FRONTAGE OF THE PROJECT SITE AND ANY DAMAGE RESULTING FROM CONSTRUCTION TO CURRENT CITY STANDARDS SHALL BE REPAIRED.
- THE REQUIRED MINIMUM FIRE FLOW FOR THE PROTECTION OF THE PROPOSED PROJECT IS 1,500 GALLONS PER MINUTE WITH 20 POUNDS PER SQUARE INCH RESIDUAL WATER PRESSURE REMAINING IN THE SYSTEM.
- FIRE HYDRANTS SHALL BE INSTALLED AND IN SERVICE CAPABLE OF PROVIDING THE REQUIRED FIRE FLOW PRIOR TO ANY COMBUSTIBLE CONSTRUCTION OR ON-SITE STORAGE OF COMBUSTIBLE MATERIALS.
- ALL FIRE HYDRANTS SHALL BE "BAGGED" OR OUT-OF-SERVICE UNTIL THE ABOVE FOUR (4) INSPECTIONS ARE COMPLETED.
- WATER SUPPLY CONTROL VALVES SHALL NOT BE CLOSED BY THE CONTRACTOR UPON ACCEPTANCE OF THE FIRE-FLOW TEST BY THE FIRE DEPARTMENT, UNLESS ENVIRONMENTAL UTILITIES AND THE FIRE DEPARTMENT ARE CONTACTED AND ADVISED OF THE CLOSURE.
- TESTING OF ALL FIRE SYSTEMS SHALL BE PERFORMED PRIOR TO THE SALES OFFICE CAN BE OPENED FOR BUSINESS.
- FRAMING CONSTRUCTION CANNOT COMMERCE UNTIL ACCESS ROADS AND PUBLIC FIRE HYDRANTS ARE APPROVED BY THE FIRE DEPARTMENT.
- IF THIS PROJECT WILL BE PHASED, THE FIRE DEPARTMENT REQUIREMENTS FOR ACCESS AND CIRCULATION THROUGHOUT SHALL BE APPROVED BY THE CITY FOR SUCH PROPOSAL. ACCESS ROAD SHALL COMPLY IN ACCORDANCE WITH THE CALIFORNIA FIRE CODE AND THE CITY OF ROSEVILLE'S AMENDMENTS. A SEPARATE PHASING PLAN SHALL BE REVIEWED AND APPROVED BY THIS DEPARTMENT.

CITY OF ROSEVILLE FIRE DEPARTMENT GENERAL NOTES:

REF: CFC APPENDIX CHAPTER 1 SECTION 105.4.2 & SECTION 105.4.7 AS AMENDED BY CITY OF ROSEVILLE.

- PRIOR TO COMBUSTIBLE MATERIALS BEING BROUGHT TO THE SITE, FIRE APPARATUS ACCESS ROADS SHALL BE PROVIDED WITHIN 150 FEET OF ALL PORTIONS OF THE EXTERIOR WALLS OF THE FIRST STORY OF ANY STRUCTURES AND COMBUSTIBLE STORAGE PILES. FIRE APPARATUS ACCESS ROADS SHALL BE FULLY PAVED AND SHALL BE DESIGNED TO SUPPORT THE IMPOSED WEIGHT OF A FIRE APPARATUS (34 TONS GVW). ACCESS ROADS SHALL BE PROVIDED WITH A MINIMUM 20-FOOT ROADWAY WIDTH AND 13 FOOT 6-INCH VERTICAL CLEARANCE.
- CONSTRUCTION MATERIAL AND VEHICLES SHALL NOT OBSTRUCT FIRE APPARATUS ACCESS TO FIRE APPARATUS ROADS, FIRE HYDRANTS OR THE BUILDING.
- TEMPORARY ABOVE GROUND FUEL STORAGE TANKS MAY BE USED ON CONSTRUCTION SITES FOR DIESEL FUEL ONLY AND SHALL NOT EXCEED 1,000-GALLON LIQUID CAPACITY. SUCH INSTALLATIONS SHALL COMPLY WITH ALL APPLICABLE PROVISIONS OF THE CITY FIRE CODE. A FIRE DEPARTMENT PERMIT SHALL BE OBTAINED PRIOR TO THE PLACEMENT OF SUCH TANKS ON THE SITE.
- THE STREET ADDRESS OF THE CONSTRUCTION SITE SHALL BE CLEARLY IDENTIFIED AT ALL ENTRANCES INTO THE PROJECT. SUCH NUMBERS SHALL BE CLEARLY VISIBLE FROM THE STREET FRONTING THE PROPERTY AND SHALL CONTRAST IN COLOR WITH THEIR BACKGROUND (MINIMUM 6-INCH LETTERING).
- FIRE SAFETY DURING CONSTRUCTION. CHAPTER 33 OF THE CALIFORNIA FIRE CODE REQUIRES CERTAIN SAFETY PROCEDURES TO BE FOLLOWED DURING NEW CONSTRUCTION AND REMODELS. THIS ARTICLE CONCERNS FIRE SAFETY IN THE FOLLOWING AREAS: ACCESS, WATER SUPPLY, EXTINGUISHERS, STANDPIPES, DEBRIS, MOTORIZED EQUIPMENT, HEATING DEVICES, SMOKING, CUTTING AND WELDING, FLAME PRODUCING EQUIPMENT, FLAMMABLE LIQUIDS, ASPHALT AND TAR KETTLES, TEMPORARY WIRING, EMERGENCY TELEPHONE MODIFICATION OF EXISTING SYSTEMS, EXITS, BURNING OF ANY MATERIAL, AND FIRE WATCH. IT IS YOUR RESPONSIBILITY TO BECOME FAMILIAR WITH THESE REQUIREMENTS AND SEE THAT ALL PERSONS ON THE JOB SITE COMPLY.
- THE BURNING OF COMBUSTIBLE CONSTRUCTION MATERIAL AND TRASH IS PROHIBITED.
- A MINIMUM 3-FOOT CLEAR SPACE SHALL BE PROVIDED AND MAINTAINED AROUND FIRE PROTECTION EQUIPMENT.
- AT ALL FIRE HYDRANT LOCATIONS, A BLUE REFLECTIVE PAVEMENT MARKER SHALL BE INSTALLED ONE FOOT OFF PAVED CENTERLINE OR MEDIAN ON THE HYDRANT SIDE OF THE ROADWAY.
- 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 APPLICANT SHALL IMMEDIATELY REPORT THE FINDING TO THE ROSEVILLE FIRE DEPARTMENT VIA PHONE AT (916) 774-5800. ALL SUSPECTED AREAS SHALL BE MARKED OFF WITH APPROVED SIGNAGE OR CAUTION TAPE UNTIL SUCH TIME THAT A REPRESENTATIVE FROM THE FIRE DEPARTMENT DETERMINES WHETHER THE RELEASE IS REPORTABLE OR NOT AND IF SITE REMEDIATION IS REQUIRED.
- THE REQUIRED MINIMUM FIRE FLOW FOR THE PROTECTION OF THE PROPOSED PROJECT IS 1,500 GALLONS PER MINUTE WITH 20 POUNDS PER SQUARE INCH RESIDUAL WATER PRESSURE REMAINING IN THE SYSTEM.
- FIRE HYDRANTS SHALL BE INSTALLED AND IN SERVICE CAPABLE OF PROVIDING THE REQUIRED FIRE FLOW PRIOR TO ANY COMBUSTIBLE CONSTRUCTION OR ON-SITE STORAGE OF COMBUSTIBLE MATERIALS.
- ALL FIRE HYDRANTS SHALL BE "BAGGED" OR OUT-OF-SERVICE UNTIL THE ABOVE FOUR (4) INSPECTIONS ARE COMPLETED.
- WATER SUPPLY CONTROL VALVES SHALL NOT BE CLOSED BY THE CONTRACTOR UPON ACCEPTANCE OF THE FIRE-FLOW TEST BY THE FIRE DEPARTMENT, UNLESS ENVIRONMENTAL UTILITIES AND THE FIRE DEPARTMENT ARE CONTACTED AND ADVISED OF THE CLOSURE.
- TESTING OF ALL FIRE SYSTEMS SHALL BE PERFORMED PRIOR TO THE SALES OFFICE CAN BE OPENED FOR BUSINESS.
- FRAMING CONSTRUCTION CANNOT COMMERCE UNTIL ACCESS ROADS AND PUBLIC FIRE HYDRANTS ARE APPROVED BY THE FIRE DEPARTMENT.
- IF THIS PROJECT WILL BE PHASED, THE FIRE DEPARTMENT REQUIREMENTS FOR ACCESS AND CIRCULATION THROUGHOUT SHALL BE APPROVED BY THE CITY FOR SUCH PROPOSAL. ACCESS ROAD SHALL COMPLY IN ACCORDANCE WITH THE CALIFORNIA FIRE CODE AND THE CITY OF ROSEVILLE'S AMENDMENTS. A SEPARATE PHASING PLAN SHALL BE REVIEWED AND APPROVED BY THIS DEPARTMENT.

ROCKY ROCKHOLM PARK

PREPARED FOR:
TARA GEE

CITY OF ROSEVILLE - PARKS, RECREATION & LIBRARIES DEPARTMENT
316 VERNON STREET, SUITE 400 ROSEVILLE, CA 95678
916.774.5253

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916.608.0707 x104

ELECTRICAL ENGINEERING: CAPITAL ENGINEERING
NATHAN HEARN
916.851.3568

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CITY OF ROSEVILLE DEVELOPMENT SERVICES DEPARTMENT

CITY ENGINEER

DATE

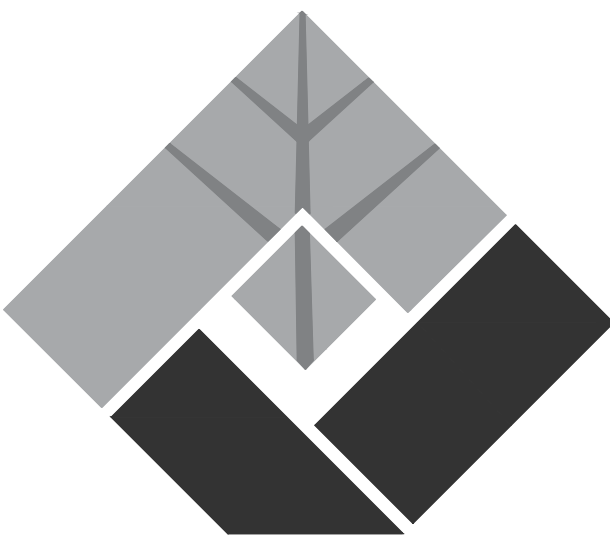
FOR BUILDING DEPARTMENT REVIEW:

SITE ACCESSIBILITY:	SA-1.0
SHADE STRUCTURE:	LC-2.1
ELECTRICAL:	E0.1, E0.2, E0.3, E0.4, E-0.5, E1.0 & E2.0

UTILITY REPRESENTATIVES

UTILITY	COMPANY	CONTACT	PHONE
U.S.A.	-	-	1.800.642.2444
GAS	PG&E	JEANETTE JOHNSON	530.883.3147
ELECTRICITY	ROSEVILLE ELECTRIC	KEITH LITTS	916.580.9405
TELEPHONE	ROSEVILLE TELEPHONE	GEORGE DEMPSEY	916.786.4351
WATER	CITY OF ROSEVILLE	SEAN BIGLEY	916.774.5750
SEWER	CITY OF ROSEVILLE	ENVIRONMENTAL UTILITIES	916.774.5750
DRAINAGE	DEVELOPMENT SERVICES ENGINEERING	ENGINEERING	916.774.5339
T.V. CABLE	COMCAST	KATHY DEAN	916.786.8443

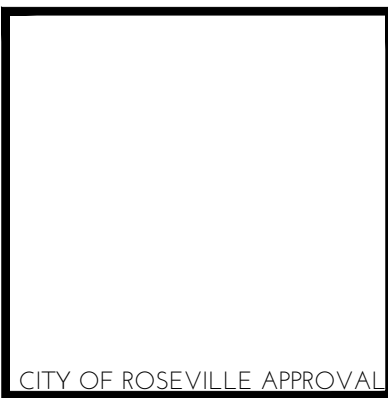
CWJ# - XX
EN# - XX



FUHRMAN LEAMY
LAND GROUP
DESIGN • SERVICE • SOLUTIONS

2140 PROFESSIONAL DRIVE, SUITE 115
ROSEVILLE, CALIFORNIA 95661
916.783.5263 • FLLANDGROUP.COM

JOB NO. : CRV: 240701



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

REVISIONS

DATE

△		
△		
△		
△		
ISSUE		DATE
①	1ST SUBMITTAL	12.11.2024
②	2ND SUBMITTAL	2.24.2025
③		
④		
⑤		



DRAWN : AM
CHECKED : KCL
SCALE : AS SHOWN

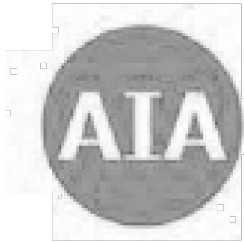
SHEET TITLE:

COVER SHEET

SHEET

CV-1.0

FUHRMAN LEAMY LAND GROUP HAS BEEN ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT FROM THE CITY OF ROSEVILLE. THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED, OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION OF FUHRMAN LEAMY LAND GROUP NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT FROM THE CITY OF ROSEVILLE.



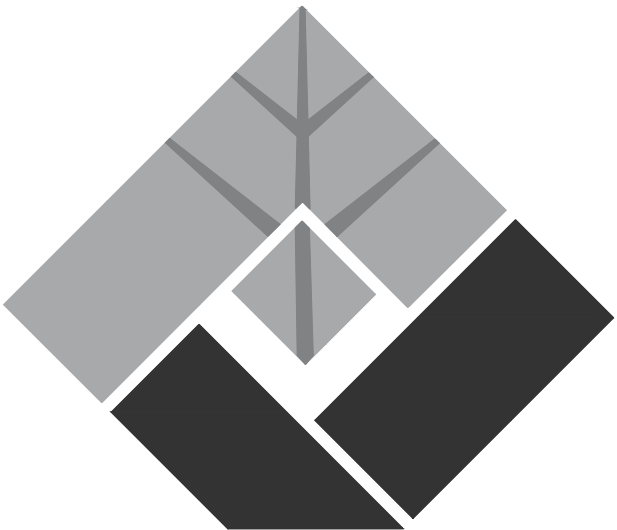
California

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE

NONRESIDENTIAL MANDATORY MEASURES, SHEET 2 (January 2023)

Y
N/A
RESPON. PARTY

YES
NOT APPLICABLE
RESPONSIBLE PARTY (i.e. ARCHITECT, ENGINEER,
OWNER, CONTRACTOR, INSPECTOR, ETC.)



FUHRMAN LEAMY
LAND GROUP

DESIGN • SERVICE • SOLUTIONS

2140 PROFESSIONAL DRIVE, SUITE 115
ROSEVILLE, CALIFORNIA 95661
916.783.5263 • FLANDGROUP.COM

JOB NO. : CRV-24071



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

REVISIONS

DATE

△		
△		
△		
△		
ISSUE		DATE
①	1ST SUBMITTAL	12.11.2024
②	2ND SUBMITTAL	2.24.2025
③		
④		
⑤		



DRAWN : AM
CHECKED : KCL
SCALE : AS SHOWN

SHEET TITLE:

CAL GREEN
DOCUMENTATION

SHEET

CV-2.0B

Y	N/A	RESPON PARTY												
E	N/A													
SECTION 5.303 INDOOR WATER USE														
5.303.1 METERS. Separate submeters or metering devices shall be installed for the uses described in Sections 503.1.1 and 503.1.2.														
5.303.1.1 Buildings in excess of 50,000 square feet. Separate submeters shall be installed as follows:														
1. For each individual leased, rented or other tenant space within the building projected to consume more than 100 gal/day (380 L/day), including, but not limited to, spaces used for laundry or cleaners, restaurant or food service, medical or dental office, laboratory, or beauty salon or barber shop.														
2. Where separate submeters for individual building tenants are unfeasible, for water supplied to the following subsystems:														
a. Makeup water for cooling towers where flow through is greater than 500 gpm (30 L/s).														
b. Makeup water for evaporative coolers greater than 6 gpm (0.04 L/s).														
c. Steam and hot water boilers with energy input more than 500,000 Btu/h (147 kW).														
5.303.1.2 Excess consumption. A separate submeter or metering device shall be provided for any tenant within a new building or within an addition that is projected to consume more than 1,000 gal/day.														
E	N/A													
5.303.3 WATER CONSERVING PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:														
E	N/A													
5.303.3.1 Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush. Tank-type water closets shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Tank-Type toilets.														
Note: The effective flush volume of dual flush toilets is defined as the composite, average flush volume of two reduced flushes and one full flush.														
E	N/A													
5.303.3.2 Urinals.														
5.303.3.2.1 Wall-mounted Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush.														
5.303.3.2.2 Floor-mounted Urinals. The effective flush volume of floor-mounted or other urinals shall not exceed 0.5 gallons per flush.														
E	N/A													
5.303.3.3 Showerheads, [BSC-CG]														
5.303.3.3.1 Single showerhead. Showerheads shall have a maximum flow rate of not more than 1.8 gallons per minute at 80 psi. Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specification for Showerheads.														
5.303.3.3.2 Multiple showerheads serving one shower. When a shower is served by more than one showerhead, the combined flow rate of all the showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation at a time.														
Note: A hand-held shower shall be considered a showerhead.														
E	N/A													
5.303.3.4 Faucets and fountains.														
5.303.3.4.1 Nonresidential Lavatory faucets. Lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi.														
5.303.3.4.2 Kitchen faucets. Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute at 60 psi. Kitchen faucets may temporarily increase the flow above the maximum rate, but not to exceed 2.2 gallons per minute at 60 psi, and must default to a maximum flow rate of 1.8 gallons per minute at 60 psi.														
5.303.3.4.3 Wash fountains. Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute/20 [rim space (inches)] at 60 psi.														
5.303.3.4.4 Metering faucets. Metering faucets shall not deliver more than 0.20 gallons per cycle.														
5.303.3.4.5 Metering faucets for wash fountains. Metering faucets for wash fountains shall have a maximum flow rate of not more than 0.20 gallons per minute/20 [rim space (inches)] at 60 psi.														
Note: Where complying faucets are unavailable, aerators or other means may be used to achieve reduction.														
5.303.3.4.6 Pre-rinse spray value														
When installed, shall meet the requirements in the <i>California Code of Regulations</i> , Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) Table H-2, Section 1605.3 (h)(4)(A), and Section 1607 (d)(7), and shall be equipped with an integral automatic shutoff.														
FOR REFERENCE ONLY: The following table and code section have been reprinted from the <i>California Code of Regulations</i> , Title 20 (Appliance Efficiency Regulations), Section 1605.1 (h)(4) and Section 1605.3 (h)(4)(A).														
<table><tr><th colspan="2">TABLE H-2</th></tr><tr><th colspan="2">STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALVES MANUFACTURED ON OR AFTER JANUARY 28, 2019</th></tr><tr><th>PRODUCT CLASS [spray force in ounce force (ozf)]</th><th>MAXIMUM FLOW RATE (gpm)</th></tr><tr><td>Product Class 1 (≤ 5.0 ozf)</td><td>1.00</td></tr><tr><td>Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf)</td><td>1.20</td></tr><tr><td>Product Class 3 (> 8.0 ozf)</td><td>1.28</td></tr></table>			TABLE H-2		STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALVES MANUFACTURED ON OR AFTER JANUARY 28, 2019		PRODUCT CLASS [spray force in ounce force (ozf)]	MAXIMUM FLOW RATE (gpm)	Product Class 1 (≤ 5.0 ozf)	1.00	Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf)	1.20	Product Class 3 (> 8.0 ozf)	1.28
TABLE H-2														
STANDARDS FOR COMMERCIAL PRE-RINSE SPRAY VALVES MANUFACTURED ON OR AFTER JANUARY 28, 2019														
PRODUCT CLASS [spray force in ounce force (ozf)]	MAXIMUM FLOW RATE (gpm)													
Product Class 1 (≤ 5.0 ozf)	1.00													
Product Class 2 (> 5.0 ozf and ≤ 8.0 ozf)	1.20													
Product Class 3 (> 8.0 ozf)	1.28													
E	N/A													
5.303.4 COMMERCIAL KITCHEN EQUIPMENT.														
5.303.4.1 Food Waste Disposers. Disposers shall either modulate the use of water to no more than 1 gpm when the disposer is not in use (not actively grinding food waste/no-load) or shall automatically shut off after no more than 10 minutes of inactivity. Disposers shall use no more than 8 gpm of water.														
Note: This code section does not affect local jurisdiction authority to prohibit or require disposer installation.														
5.303.5 AREAS OF ADDITION OR ALTERATION. For those occupancies within the authority of the California Building Standards Commission as specified in Section 103, the provisions of Section 5.303.3 and 5.303.4 shall apply to new fixtures in additions or areas of alteration to the building.														
5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the <i>California Plumbing Code</i> , and shall meet the applicable standards referenced in Table 1701.1 of the <i>California Plumbing Code</i> and in Chapter 6 of this code.														
Y														
SECTION 5.304 OUTDOOR WATER USE														
5.304.1 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent.														
Notes:														
1. The Model Water Efficient Landscape Ordinance (MWELO) is located in the California Code of Regulations, Title 23, Chapter 2.7, Division 2.														
2. MWELO and supporting documents, including a water budget calculator, are available at: https://www.water.ca.gov/ .														
E	N/A													
5.304.6 OUTDOOR POTABLE WATER USE IN LANDSCAPE AREAS. For public schools and community colleges, landscape projects as described in Sections 5.304.6.1 and 5.304.6.2 shall comply with the California Department of Water Resources Model Water Efficient Landscape Ordinance (MWELO) commencing with Section 490 of Chapter 2.7, Division 2, Title 23, <i>California Code of Regulations</i> , except that the evapotranspiration adjustment factor (ETAF) shall be 0.65 with an additional water allowance for special landscape areas (SLA) of 0.35.														
Exception: Any project with an aggregate landscape area of 2,500 square feet or less may comply with the prescriptive measures contained in Appendix D of the MWELO.														
5.304.6.1 Newly constructed landscapes. New construction projects with an aggregate landscape area equal to or greater than 500 square feet.														
5.304.6.2 Rehabilitated landscapes. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 1,200 square feet.														
DIVISION 5.4 MATERIAL CONSERVATION AND RESOURCE EFFICIENCY														
SECTION 5.401 GENERAL														
5.401.1 SCOPE. The provisions of this chapter shall outline means of achieving material conservation and resource efficiency through protection of buildings from exterior moisture, construction waste diversion, employment of techniques to reduce pollution through recycling of materials, and building commissioning or testing and adjusting.														

Y	N/A	RESPON. PARTY
E	N/A	
SECTION 5.402 DEFINITIONS		
5.402.1 DEFINITIONS. The following terms are defined in Chapter 2 (<i>and are included here for reference</i>)		
ADJUST. To regulate fluid flow rate and air patterns at the terminal equipment, such as to reduce fan speed or adjust a damper.		
BALANCE. To proportion flows within the distribution system, including sub-mains, branches and terminals, according to design quantities.		
BUILDING COMMISSIONING. A systematic quality assurance process that spans the entire design and construction process, including verifying and documenting that building systems and components are planned, designed, installed, tested, operated and maintained to meet the owner's project requirements.		
ORGANIC WASTE. Food waste, green waste, landscape and pruning waste, nonhazardous wood waste, and food soiled paper waste that is mixed in with food waste.		
TEST. A procedure to determine quantitative performance of a system or equipment		
SECTION 5.407 WATER RESISTANCE AND MOISTURE MANAGEMENT		
5.407.1 WEATHER PROTECTION. Provide a weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1402.2 (Weather Protection), manufacturer's installation instructions or local ordinance, whichever is more stringent.		
E	N/A	
5.407.2 MOISTURE CONTROL. Employ moisture control measures by the following methods.		
5.407.2.1 Sprinklers. Design and maintain landscape irrigation systems to prevent spray on structures.		
5.407.2.2 Entries and openings. Design exterior entries and/or openings subject to foot traffic or wind-driven rain to prevent water intrusion into buildings as follows:		
5.407.2.2.1 Exterior door protection. Primary exterior entries shall be covered to prevent water intrusion by using nonabsorbent floor and wall finishes within at least 2 feet around and perpendicular to such openings plus at least one of the following:		
1. An installed awning at least 4 feet in depth.		
2. The door is protected by a roof overhang at least 4 feet in depth.		
3. The door is recessed at least 4 feet.		
4. Other methods which provide equivalent protection.		
5.407.2.2.2 Flashing. Install flashings integrated with a drainage plane.		
SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING		
E	N/A	
5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.		
5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:		
1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.		
2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).		
3. Identifies diversion facilities where construction and demolition waste material collected will be taken.		
4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.		
5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.		
Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.		
Exceptions to Sections 5.408.1.1 and 5.408.1.2:		
1. Excavated soil and land-clearing debris.		
2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.		
3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.		
5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement as approved by the enforcing agency.		
5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.		
Notes:		
1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located www.dgs.ca.gov/BSC/Resources/Page-Content/Building-Standards-Commission-Resources-List-Folder/CALGreen may be used to assist in documenting compliance with the waste management plan.		
2. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).		
E	N/A	
5.408.2 UNIVERSAL WASTE. [A] Additions and alterations to a building or tenant space that meet the scoping provisions in Section 501.3 for nonresidential buildings shall require verification that Universal Waste items such as fluorescent lamps and ballast and mercury containing thermostats as well as other California prohibited Universal Waste materials are disposed of properly and are diverted from landfills. A list of prohibited Universal Waste materials shall be included in the construction documents.		
Note: Refer to the Universal Waste Rule link at: http://www.dtsc.ca.gov/universalwaste/		
5.408.3 EXCAVATED SOIL AND LAND CLEARING DEBRIS. 100 percent of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reused or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed.		
Exception: Reuse, either on or off-site, of vegetation or soil contaminated by disease or pest infestation.		
Notes:		
1. If contamination by disease or pest infestation is suspected, contact the County Agricultural Commissioner and follow its direction for recycling or disposal of the material.		
2. For a map of known pest and/or disease quarantine zones, consult with the California Department of Food and Agriculture. (www.cdffa.ca.gov)		
SECTION 5.410 BUILDING MAINTENANCE AND OPERATIONS		
E	N/A	
5.410.1 RECYCLING BY OCCUPANTS. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive.		
Exception: Rural jurisdictions that meet and apply for the exemption in Public Resources Code 42649.82 (a)(2)(A) et seq. shall also be exempt from the organic waste portion of this section.		
5.410.1.1 Additions. All additions conducted within a 12-month period under single or multiple permits, resulting in an increase of 30% or more in floor area, shall provide recycling areas on site.		
Exception: Additions within a tenant space resulting in less than a 30% increase in the tenant space floor area.		
5.410.1.2 Sample ordinance. Space allocation for recycling areas shall comply with Chapter 18, Part 3, Division 30 of the <i>Public Resources Code</i> . Chapter 18 is known as the California Solid Waste Reuse and Recycling Access Act of 1991 (Act).		
Note: A sample ordinance for use by local agencies may be found in Appendix A of the document at the CalRecycle's web site.		

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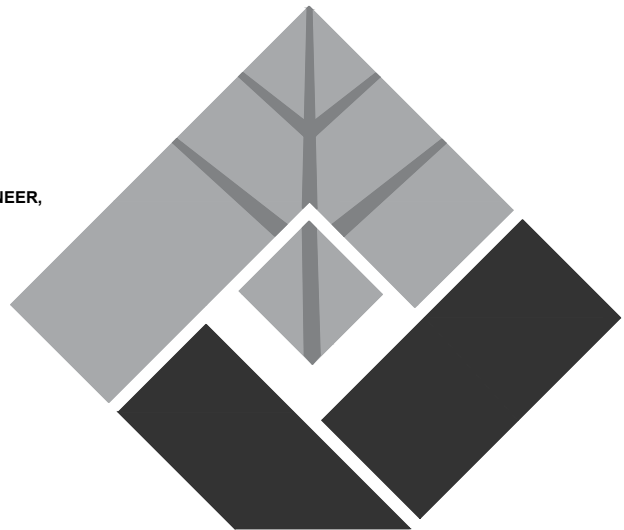


California

2022 CALIFORNIA GREEN BUILDING STANDARDS CODE NONRESIDENTIAL MANDATORY MEASURES, SHEET 3 (January 2023)

Y
N/A
RESPON.
PARTY

YES
NOT APPLICABLE
RESPONSIBLE PARTY (i.e. ARCHITECT, ENGINEER,
OWNER, CONTRACTOR, INSPECTOR, ETC.)



FUHRMAN LEAMY

LAND GROUP

DESIGN • SERVICE • SOLUTIONS

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ROSEVILLE, CALIFORNIA 95661
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JOB NO. : CRV-24071



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

REVISIONS

DATE



ISSUE

DATE

1

1ST SUBMITTAL 12.11.2024

2

2ND SUBMITTAL 2.24.2025

3

4

5

5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:

1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.

2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of *California Code of Regulations*, Title 17, commencing with Section 94507.

TABLE 5.504.4.1 - ADHESIVE VOC LIMIT _{1,2}	
Less Water and Less Exempt Compounds in Grams per Liter	
ARCHITECTURAL APPLICATIONS	CURRENT VOC LIMIT
INDOOR CARPET ADHESIVES	50
CARPET PAD ADHESIVES	50
OUTDOOR CARPET ADHESIVES	150
WOOD FLOORING ADHESIVES	100
RUBBER FLOOR ADHESIVES	60
SUBFLOOR ADHESIVES	50
CERAMIC TILE ADHESIVES	65
VCT & ASPHALT TILE ADHESIVES	50
DRYWALL & PANEL ADHESIVES	50
COVE BASE ADHESIVES	50
MULTIPURPOSE CONSTRUCTION ADHESIVES	70
STRUCTURAL GLAZING ADHESIVES	100
SINGLE-PLY ROOF MEMBRANE ADHESIVES	250
OTHER ADHESIVES NOT SPECIFICALLY LISTED	50
SPECIALTY APPLICATIONS	
PVC WELDING	510
CPVC WELDING	490
ABS WELDING	325
PLASTIC CEMENT WELDING	250
ADHESIVE PRIMER FOR PLASTIC	550
CONTACT ADHESIVE	80
SPECIAL PURPOSE CONTACT ADHESIVE	250
STRUCTURAL WOOD MEMBER ADHESIVE	140
TOP & TRIM ADHESIVE	250
SUBSTRATE SPECIFIC APPLICATIONS	
METAL TO METAL	30
PLASTIC FOAMS	50
POROUS MATERIAL (EXCEPT WOOD)	50
WOOD	30
FIBERGLASS	80

1. IF AN ADHESIVE IS USED TO BOND DISSIMILAR SUBSTRATES TOGETHER, THE ADHESIVE WITH THE HIGHEST VOC CONTENT SHALL BE ALLOWED.

2. FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THIS TABLE, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168, www.arb.ca.gov/DRD/B/SC/CURHTML/R1168.PDF

TABLE 5.504.4.2 - SEALANT VOC LIMIT	
Less Water and Less Exempt Compounds in Grams per Liter	
SEALANTS	CURRENT VOC LIMIT
ARCHITECTURAL	250
MARINE DECK	760
NONMEMBRANE ROOF	300
ROADWAY	250
SINGLE-PLY ROOF MEMBRANE	450
OTHER	420
SEALANT PRIMERS	
ARCHITECTURAL	
NONPOROUS	250
POROUS	775
MODIFIED BITUMINOUS	500
MARINE DECK	760
OTHER	750

NOTE: FOR ADDITIONAL INFORMATION REGARDING METHODS TO MEASURE THE VOC CONTENT SPECIFIED IN THESE TABLES, SEE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT RULE 1168.

5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in Table 1 of the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions for the specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the PWMIR Limits for VOC in Section 94522(a)(3) and other requirements, including prohibitions on use of certain toxic compounds and ozone depleting substances, in Sections 94522(c)(2) and (d)(2) of *California Code of Regulations*, Title 17, commencing with Section 94520; and in areas under the jurisdiction of the Bay Area Air Quality Management District additionally comply with the percent VOC by weight of product limits of Regulation 8 Rule 49.

TABLE 5.504.4.3 - CONT.

GRAMS OF VOC PER LITER OF COATING, LESS WATER & LESS EXEMPT COMPOUNDS	
COATING CATEGORY	CURRENT VOC LIMIT
SPECIALTY COATINGS	
ALUMINUM ROOF COATINGS	400
BASEMENT SPECIALTY COATINGS	400
BITUMINOUS ROOF COATINGS	50
BITUMINOUS ROOF PRIMERS	350
BOND BREAKERS	350
CONCRETE CURING COMPOUNDS	350
CONCRETE/MASONRY SEALERS	100
DRIVEWAY SEALERS	50
DRY FOG COATINGS	150
FAUX FINISHING COATINGS	350
FIRE RESISTIVE COATINGS	350
FLOOR COATINGS	100
FORM-RELEASE COMPOUNDS	250
GRAPHIC ARTS COATINGS (SIGN PAINTS)	500
HIGH-TEMPERATURE COATINGS	420
INDUSTRIAL MAINTENANCE COATINGS	250
LOW SOLIDS COATINGS ¹	120
MAGNESITE CEMENT COATINGS	450
MASTIC TEXTURE COATINGS	100
METALLIC PIGMENTED COATINGS	500
MULTICOLOR COATINGS	250
PRETREATMENT WASH PRIMERS	420
PRIMERS, SEALERS, & UNDERCOATERS	100
REACTIVE PENETRATING SEALERS	350
RECYCLED COATINGS	250
ROOF COATINGS	50
RUST PREVENTATIVE COATINGS	250
SHELLAC ² :	
CLEAR	730
OPAQUE	550
SPECIALTY PRIMERS, SEALERS & UNDERCOATERS	100
STAINS	250
STONE CONSOLIDANTS	450
SWIMMING POOL COATINGS	340
TRAFFIC MARKING COATINGS	100
TUB & TILE REFINISH COATINGS	420
WATERPROOFING MEMBRANES	250
WOOD COATINGS	275
WOOD PRESERVATIVES	350
ZINC-RICH PRIMERS	340

1. GRAMS OF VOC PER LITER OF COATING, INCLUDING WATER & EXEMPT COMPOUNDS

2. THE SPECIFIED LIMITS REMAIN IN EFFECT UNLESS REVISED LIMITS ARE LISTED IN SUBSEQUENT COLUMNS IN THE TABLE.

3. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, ARCHITECTURAL COATINGS SUGGESTED CONTROL MEASURE, FEB. 1, 2008. MORE INFORMATION IS AVAILABLE FROM THE AIR RESOURCES BOARD.

5.504.4.3.2 Verification. Verification of compliance with this section shall be provided at the request of the enforcing agency. Documentation may include, but is not limited to, the following:

1. Manufacturer's product specification
2. Field verification of on-site product containers

5.504.4.4 Carpet Systems. All carpet installed in the building interior shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CCDPHP/DEODD/EHLBI/AQ/Pages/VOC.aspx#material>

5.504.4.4.1 Carpet cushion. All carpet cushion installed in the building interior shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CCDPHP/DEODD/EHLBI/AQ/Pages/VOC.aspx#material>

5.504.4.4.2 Carpet adhesive. All carpet adhesive shall meet the requirements of Table 5.504.4.1.

5.504.4.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure (ATCM) for Composite Wood (17CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

1. Product certifications and specifications.
2. Chain of custody certifications.
3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S standards.
5. Other methods acceptable to the enforcing agency.

TABLE 5.504.4.5 - FORMALDEHYDE LIMITS.

MAXIMUM FORMALDEHYDE EMISSIONS IN PARTS PER MILLION	
PRODUCT	CURRENT LIMIT
HARDWOOD PLYWOOD VENEER CORE	0.05
HARDWOOD PLYWOOD COMPOSITE CORE	0.05
PARTICLE BOARD	0.09
MEDIUM DENSITY FIBERBOARD	0.11
THIN MEDIUM DENSITY FIBERBOARD ₂	0.13

1. VALUES IN THIS TABLE ARE DERIVED FROM THOSE SPECIFIED BY THE CALIFORNIA AIR RESOURCES BOARD, AIR TOXICS CONTROL MEASURE FOR COMPOSITE WOOD AS TESTED IN ACCORDANCE WITH ASTM E 1333. FOR ADDITIONAL INFORMATION, SEE CALIFORNIA CODE OF REGULATIONS, TITLE 17, SECTIONS 93120 THROUGH 93120.12.

2. THIN MEDIUM DENSITY FIBERBOARD HAS A MAXIMUM THICKNESS OF 5/16 INCHES (9 MM).

5.504.4.6 Resilient flooring systems. Where resilient flooring is installed, at least 80 percent of floor area receiving resilient flooring shall meet the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specifications 01350).

See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CCDPHP/DEODD/EHLBI/AQ/Pages/VOC.aspx#material>

5.504.4.6.1 Verification of compliance. Documentation shall be provided verifying that resilient flooring materials meet the pollutant emission limits.

5.504.4.7 Thermal insulation Comply with the requirements of the California Department of Public Health, "Standard Method of the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 1.2, January 2017 (Emission testing method for California Specifications 01350). See California Department of Public Health's website for certification programs and testing labs. <https://www.cdph.ca.gov/Programs/CCDPHP/DEODD/EHLBI/AQ/Pages/VOC.aspx#material>

5.504.4.7.1 Verification of compliance. Documentation shall be provided verifying that thermal insulation materials meet the pollutant emission limits.

5.504.4.8 Acoustical ceiling and wall panels. Comply with the requirements of the California Department of Public Health, "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers," Version 1.2, January 2017 (Emission testing method for California Specification 01350). See California Department of Public Health's website for certification programs and testing labs.

5.504.4.8.1 Verification of compliance. Documentation shall be provided verifying that acoustical finish materials meet the pollutant emission limits.

5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 13. MERV 13 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Exceptions: Existing mechanical equipment.

5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

5.504.7 ENVIRONMENTAL TOBACCO SMOKE (ETS) CONTROL. Where outdoor areas are provided for smoking, prohibit smoking within 25 feet of building entries, outdoor air intakes and operable windows and within the building as already prohibited by other laws or regulations, rules, regulations or policies of any city, county, city and county, California Community College, campus of the California State University, or campus of the University of California, whichever are more stringent. When ordinances, regulations or policies are not in place, post signage to inform building occupants of the prohibitions.

SECTION 5.505 INDOOR MOISTURE CONTROL
5.505.1 INDOOR MOISTURE CONTROL. Buildings shall meet or exceed the provisions of California Building Code, CCR, Title 24, Part 2, Sections 1202 (Ventilation) and Chapter 14 (Exterior Walls). For additional measures, see Section 5.407.2 of this code.

SECTION 5.506 INDOOR AIR QUALITY
5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the *California Energy Code*, or the applicable local code, whichever is more stringent, and Division 1, Chapter 9 of CCR, Title 8.

5.506.2 CARBON DIOXIDE (CO₂) MONITORING. For buildings or additions equipped with demand control ventilation, CO₂ sensors and ventilation controls shall be specified and installed in accordance with the requirements of the California Energy Code, Section 120(c)(4).

5.506.3 Carbon dioxide (CO₂) monitoring in classrooms. (DSA-SS) Each public K-12 school classroom, as listed in Table 120.1-A of the *California Energy Code*, shall be equipped with a carbon dioxide monitor or sensor that meets the following requirements:

1. The monitor or sensor shall be permanently affixed in a tamper-proof manner in each classroom between 3 and 6 feet (914 mm and 1829 mm) above the floor and at least 5 feet (1524 mm) away from door and operable windows.
2. When the monitor or sensor is not integral to an Energy Management Control System (EMCS), the monitor or sensor shall display the carbon dioxide readings on the device. When the sensor is integral to an EMCS, the carbon dioxide readings shall be available to and regularly monitored by facility personnel.
3. A monitor shall provide notification through a visual indicator on the monitor when the carbon dioxide levels in the classroom have exceeded 1,100ppm. A sensor integral to an EMCS shall provide notification to facility personnel through a visual and/or audible indicator when the carbon dioxide levels in the classroom have exceeded 1,100ppm.
4. The monitor or sensor shall measure carbon dioxide levels at minimum 15-minute intervals and shall maintain a record of previous carbon dioxide measurements of not less than 30 days duration.
5. The monitor or sensor used to measure carbon dioxide levels shall have the capacity to measure carbon dioxide levels with a range of 400ppm to 2000ppm or greater.
6. The monitor or sensor shall be certified by the manufacturer to be accurate within 75ppm at 1,000ppm carbon dioxide concentration and shall be certified by the manufacturer to require calibration no more frequently than once every 5 years.

SECTION 5.507 ENVIRONMENTAL COMFORT
5.507.4 ACOUSTICAL CONTROL. Enclosed building assemblies and components with Sound Transmission Class (STC) values determined in accordance with ASTM E 90 and ASTM E 413, or Outdoor-Indoor Sound Transmission Class (OITC) determined in accordance with ASTM E 1332, using either the prescriptive or performance method in Section 5.507.4.1 or 5.507.4.2.

Exception: Buildings with few or no occupants or where occupants are not likely to be affected by exterior noise, as determined by the enforcing authority, such as factories, stadiums, storage, enclosed parking structures and utility buildings.

Exception: [DSA-SS] For public schools and community colleges, the requirements of this section and all subsections apply only to new construction.

5.507.4.1 Exterior noise transmission, prescriptive method. Wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall meet a composite STC rating of at least 50 or a composite OITC rating of not less than 40, with exterior windows of a minimum STC of 40 or OITC of 30 in the following locations:

1. Within the 65 CNEL noise contour of an airport.

Exceptions:

1. L_w or CNEL for military airports shall be determined by the facility Air Installation Compatible Land Use Zone (AICUZ) plan.
 2. L_w or CNEL for other airports and heliports for which a land use plan has not been developed shall be determined by the local general plan noise element.
2. Within the 65 CNEL or L_w noise boundary of a freeway or expressway, railroad, industrial source or fixed-guideway source as determined by the Noise Element of the General Plan.

5.507.4.1.1. Noise exposure where noise contours are not readily available. Buildings exposed to a noise level of 65 dB L_{eq} - 1-hr during any hour of operation shall have building, addition or alteration exterior wall and roof-ceiling assemblies exposed to the noise source meeting a composite STC rating of at least 45 (or OITC 35), with exterior windows of a minimum STC of 40 (or OITC 30).

5.507.4.2 Performance Method. For buildings located as defined in Section 5.507.4.1 or 5.507.4.1.1, wall and roof-ceiling assemblies exposed to the noise source making up the building or addition envelope or altered envelope shall be constructed to provide an interior noise environment attributable to exterior sources that does not exceed an hourly equivalent noise level (Leq-1hr) of 50 dBA in occupied areas during any hour of operation.

5.507.4.2.1 Site Features. Exterior features such as sound walls or earth berms may be utilized as appropriate to the building, addition or alteration project to mitigate sound migration to the interior.

5.507.4.2.2 Documentation of Compliance. An acoustical analysis documenting complying interior soundlevels shall be prepared by personnel approved by the architect or engineer of record.

5.507.4.3 Interior sound transmission. Wall and floor-ceiling assemblies separating tenant spaces and tenant spaces and public places shall have an STC of at least 40.

Note: Examples of assemblies and their various STC ratings may be found at the California Office of Noise Control: www.toolbase.org/PDF/CaseStudies/stc_icc_ratings.pdf.

SECTION 5.508 OUTDOOR AIR QUALITY
5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

5.508.2 Supermarket refrigerant leak reduction. New commercial refrigeration systems shall comply with the provisions of this section when installed in retail food stores 8,000 square feet or more conditioned area, and that utilize either refrigerated display cases, or walk-in coolers or freezers connected to remote compressor units or condensing units. The leak reduction measures apply to refrigeration systems containing high-global-warming potential (high-GWP) refrigerants with a GWP of 150 or greater. New refrigeration systems include both new facilities and the replacement of existing refrigeration systems in existing facilities.

Exception: Refrigeration systems containing low-global warming potential (low-GWP) refrigerant with a GWP value less than 150 are not subject to this section. Low-GWP refrigerants are nonozone-depleting refrigerants that include ammonia, carbon dioxide (CO₂), and potentially other refrigerants.

5.508.2.1 Refrigerant piping. Piping compliant with the California Mechanical Code shall be installed to be accessible for leak protection and repairs. Piping runs using threaded pipe, copper tubing with an outside diameter (OD) less than 1/4 inch, flared tubing connections and short radius elbows shall not be used in refrigerant systems except as noted below.

5.508.2.1.1 Threaded pipe. Threaded connections are permitted at the compressor rack.

5.508.2.1.2 Copper pipe. Copper tubing with an OD less than 1/4 inch may be used in systems with a refrigerant charge of 5 pounds or less.

5.508.2.1.2.1 Anchorage. One-fourth-inch OD tubing shall be securely clamped to a rigid base to keep vibration levels below 8 mils.

5.508.2.1.3 Flared tubing connections. Double-flared tubing connections may be used for pressure controls, valve pilot lines and oil.

Exception: Single-flared tubing connections may be used with a multilayer seal coated with industrial sealant suitable for use with refrigerants and tightened in accordance with manufacturer's recommendations.

5.508.2.1.4 Elbows. Short radius elbows are only permitted where space limitations prohibit use of long radius elbows.

5.508.2.2 Valves. Valves Valves and fittings shall comply with the *California Mechanical Code* and as follows.

5.508.2.2.1 Pressure relief valves. For vessels containing high-GWP refrigerant, a rupture disc shall be installed between the outlet of the vessel and the inlet of the pressure relief valve.

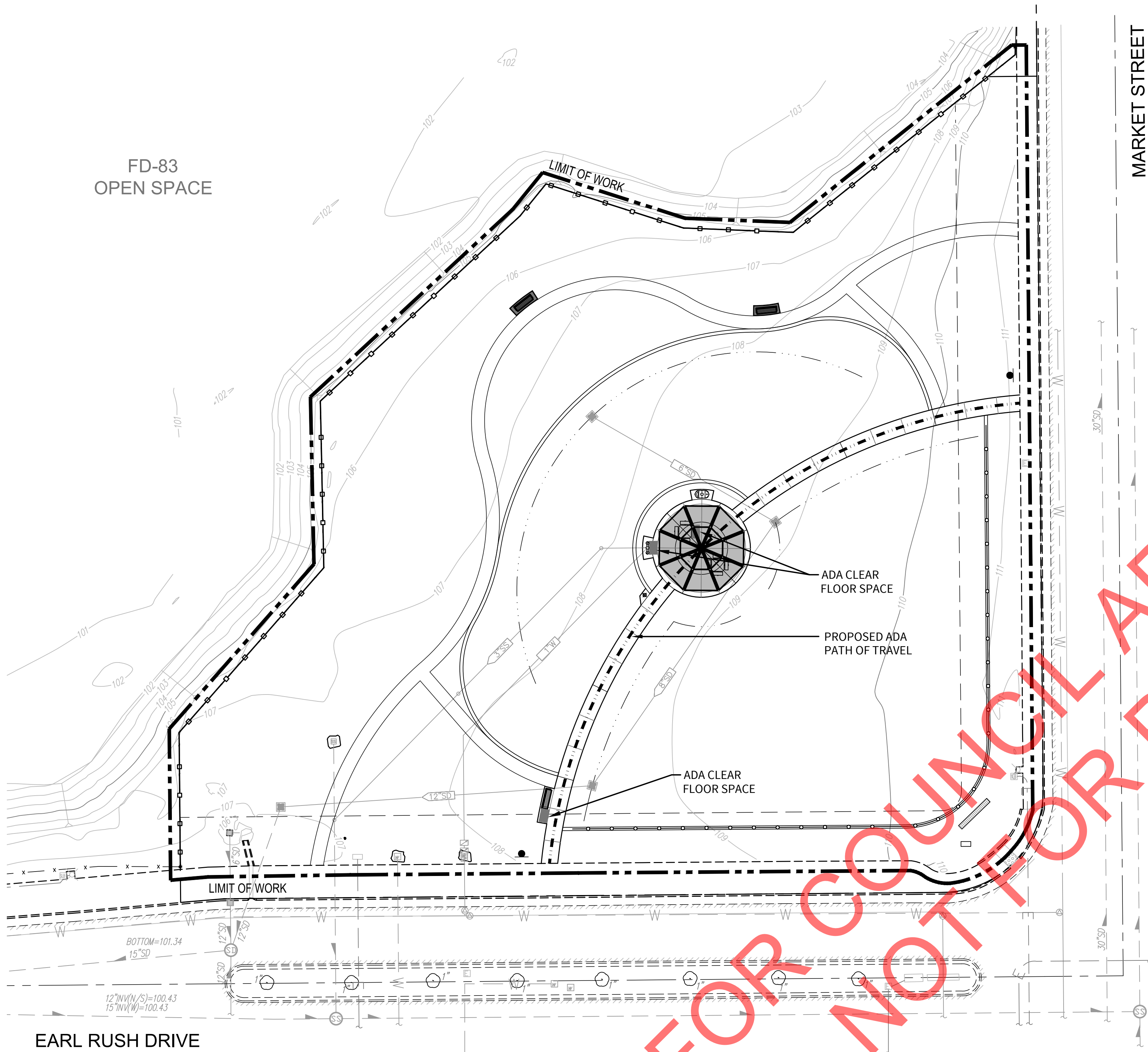
5.508.2.2.1.1 Pressure detection. A pressure gauge, pressure transducer or other device shall be installed in the space between the rupture disc and the relief valve inlet to indicate a disc rupture or discharge of the relief valve.

5.508.2.2.2 Access valves. Only Schrader access valves with a brass or steel body are permitted to use.

5.508.2.2.2.1 Valve caps. For systems with a refrigerant charge of 5 pounds or more, valve caps shall be brass or steel and not plastic.

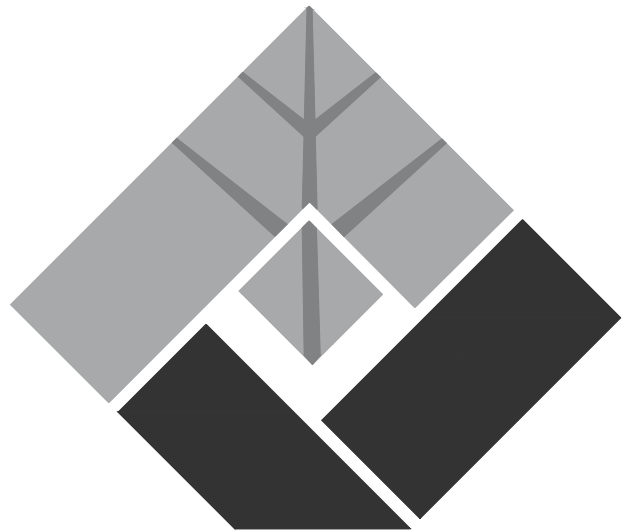
5.508.2.2.2.2 Seal caps. If designed for it, the cap shall have a neoprene O-ring in place.

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CITY OF ROSEVILLE ACCESSIBILITY NOTES:

1. ACCESSIBLE PATHS OF TRAVEL SHALL HAVE WALKING SURFACES NOT STEEPER THAN 1:20 AND THE CROSS SLOPES OF THESE SURFACES SHALL NOT EXCEED 1:48. REFERENCE CBC SEC. 11B-403.3.
2. SIDEWALKS SHALL BE A MINIMUM OF 48 INCHES WIDE. REFERENCE CBC SEC. 11B-403.5.



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JOB NO. : CRV: 24071



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

REVISIONS		DATE
△		
△		
△		
△		
ISSUE		DATE
①	1ST SUBMITTAL	12.11.2024
②	2ND SUBMITTAL	2.24.2025
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CHECKED : KCL
SCALE : 1"=20'-0"

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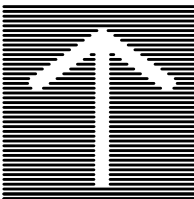
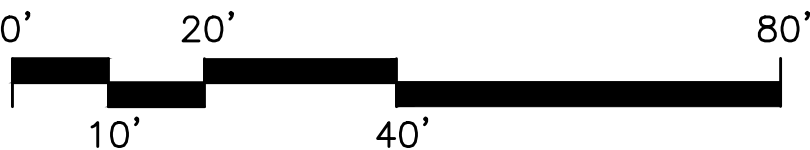
SITE ACCESSIBILITY
PLAN

SHEET

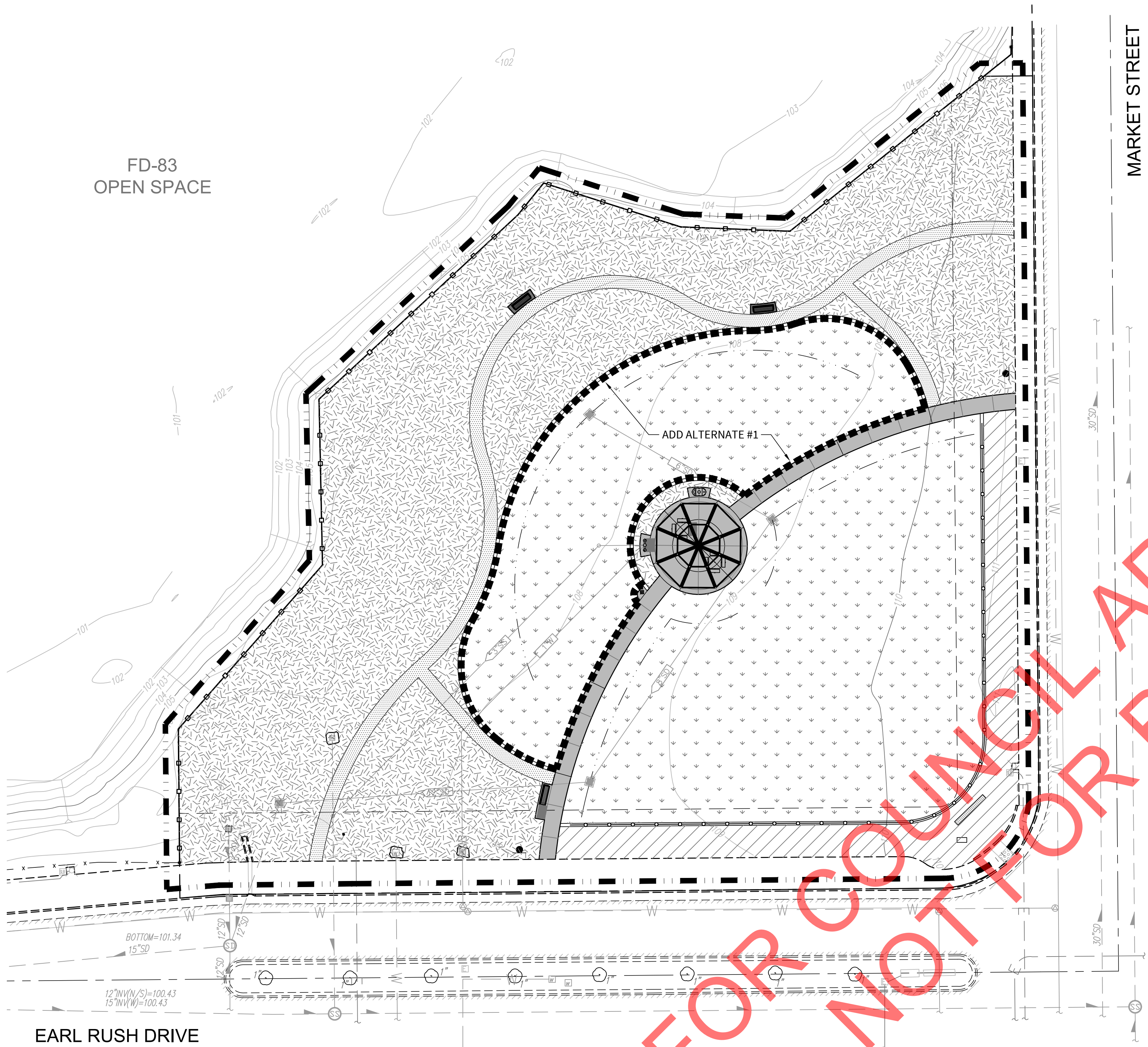
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5 OF 26 SHEETS

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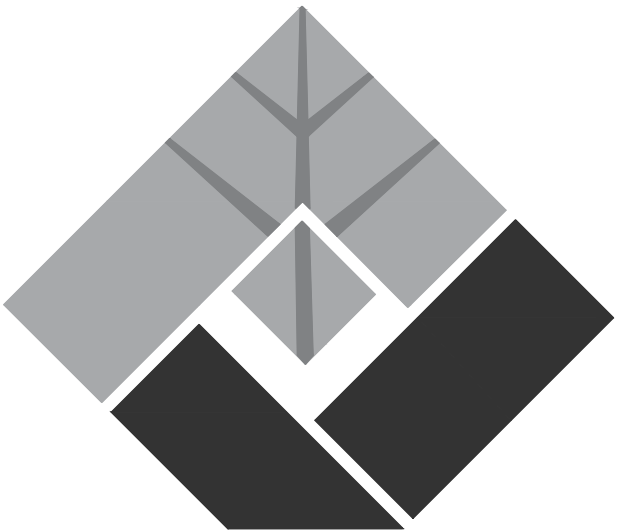


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LEGEND:

- CURRENT PHASE LIMIT OF WORK
- ADD ALTERNATE LIMIT OF WORK
- ADD ALTERNATE #1:** SODDED TURF AREA.
BASE BID: HYDROSEED & NATIVE OAKS.
- PROPOSED TURF
- PROPOSED SHRUB AND GROUNDCOVER
- PROPOSED DIRT NATURE TRAIL
- PROPOSED PEDESTRIAN LOAD CONCRETE
- PROPOSED HYDROSEED & NATIVE OAKS



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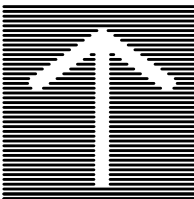
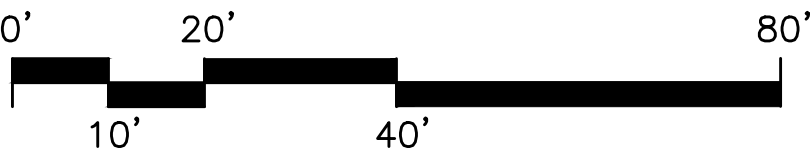
SCOPE OF WORK
PLAN

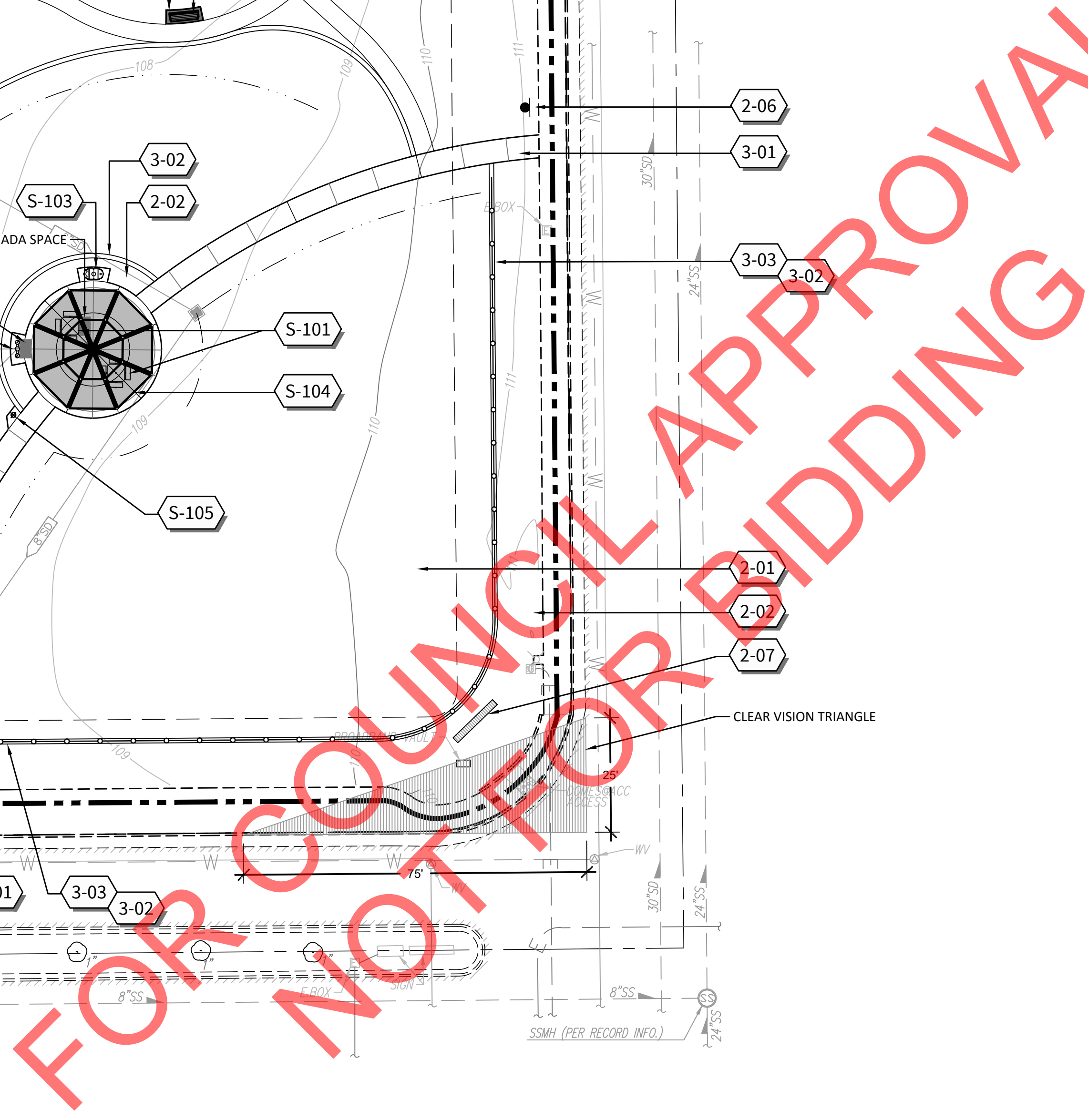
SHEET

SW-1.0

6 OF 26 SHEETS

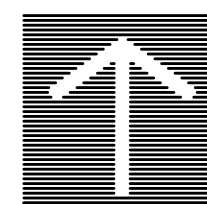
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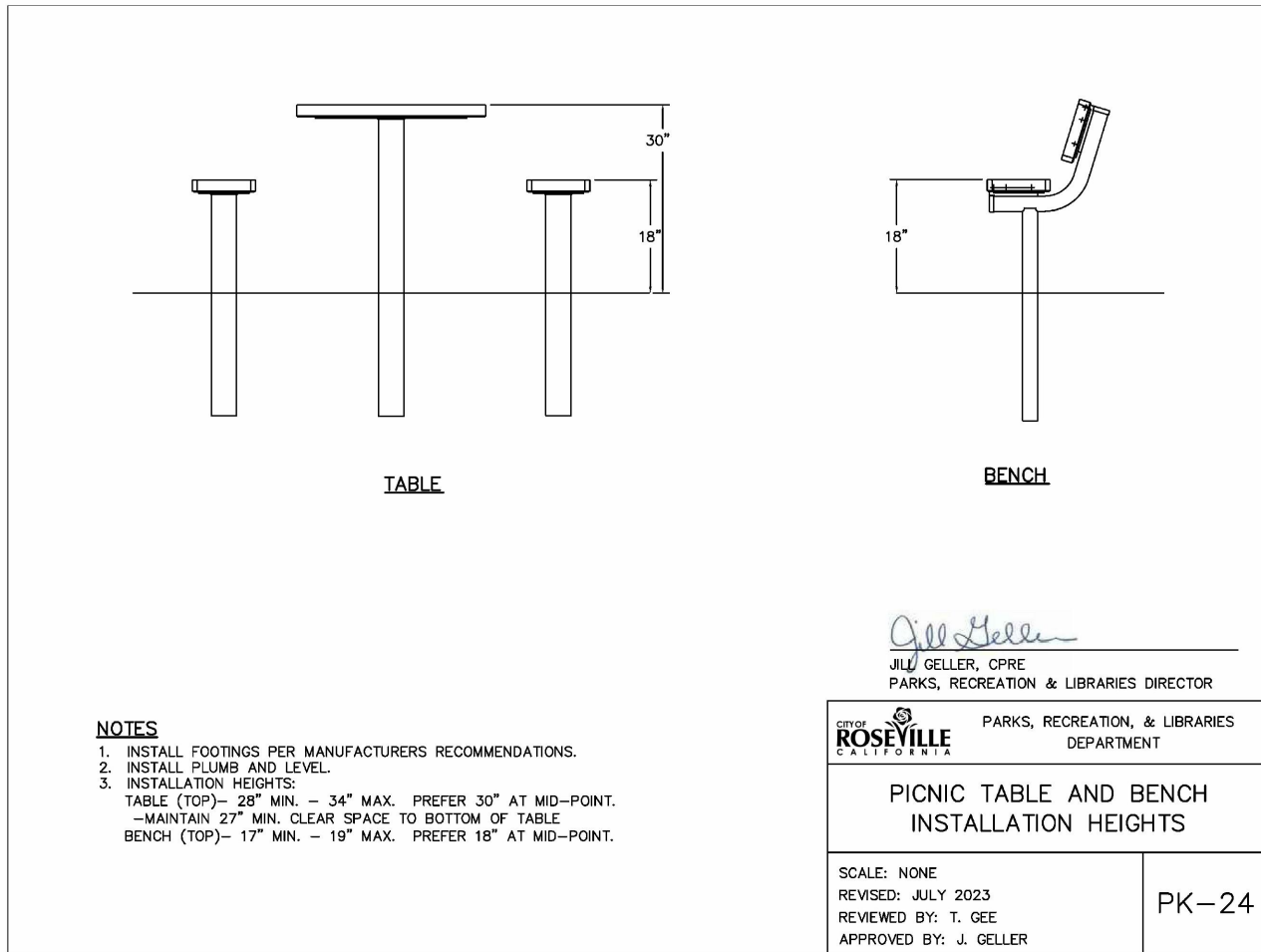
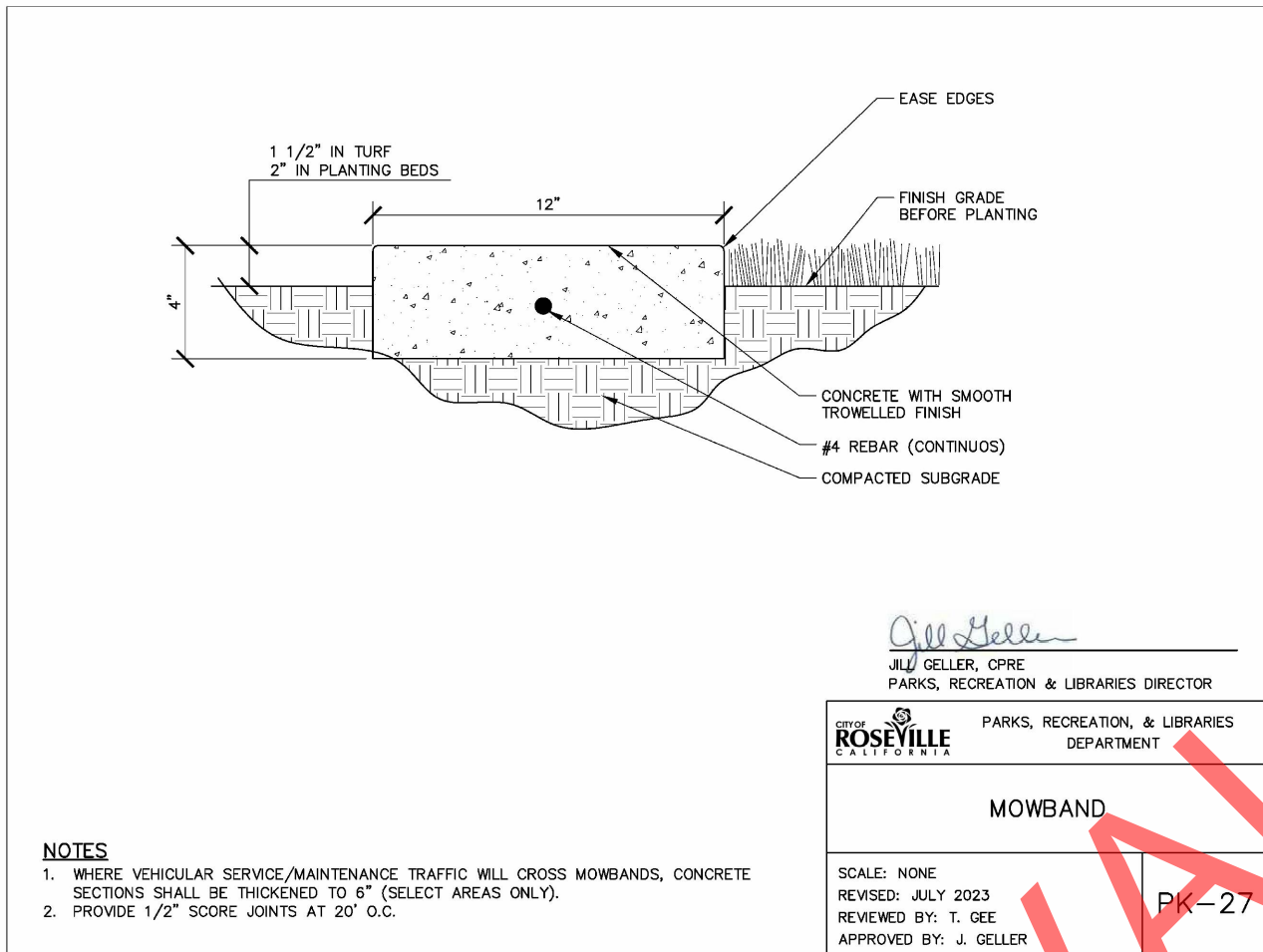
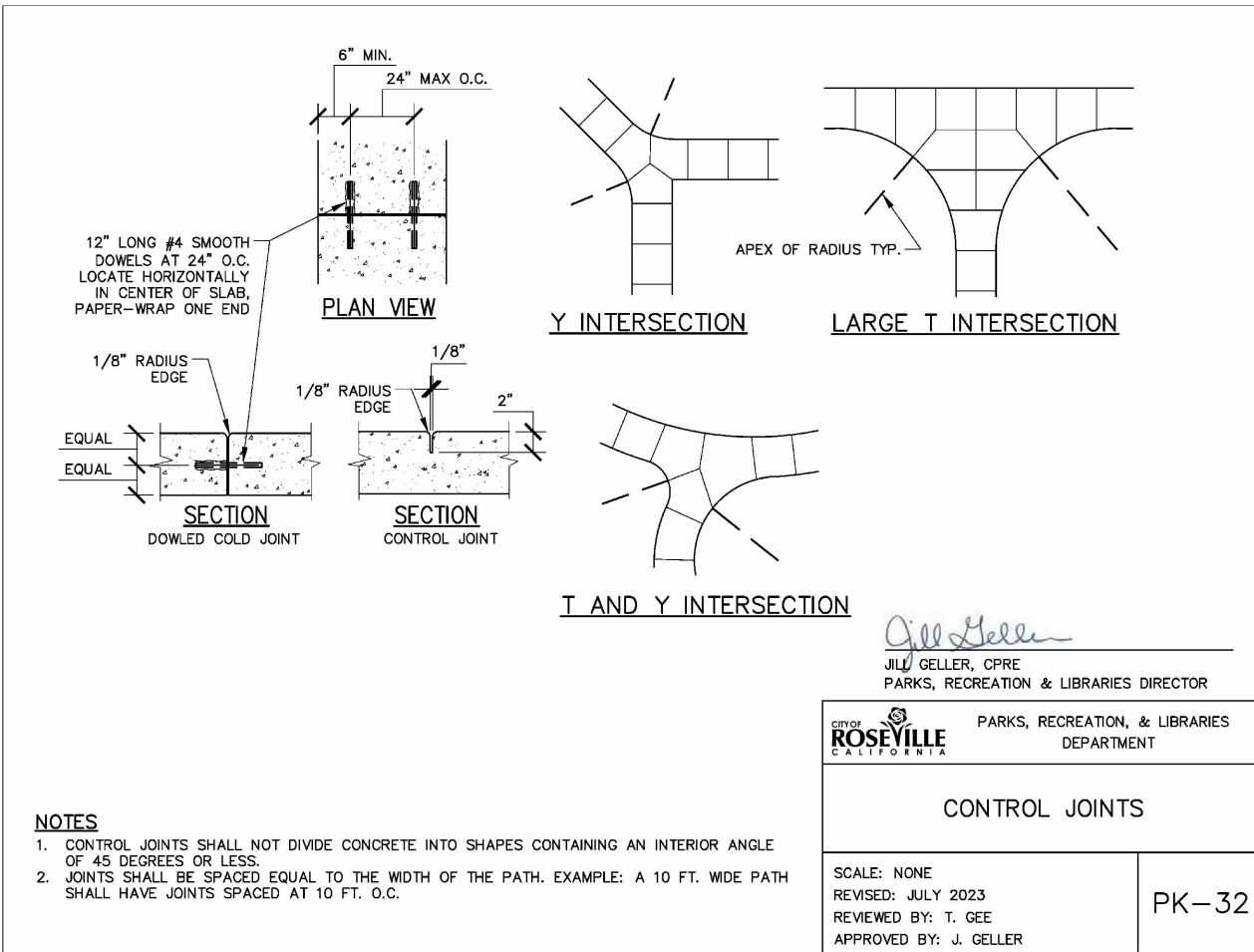
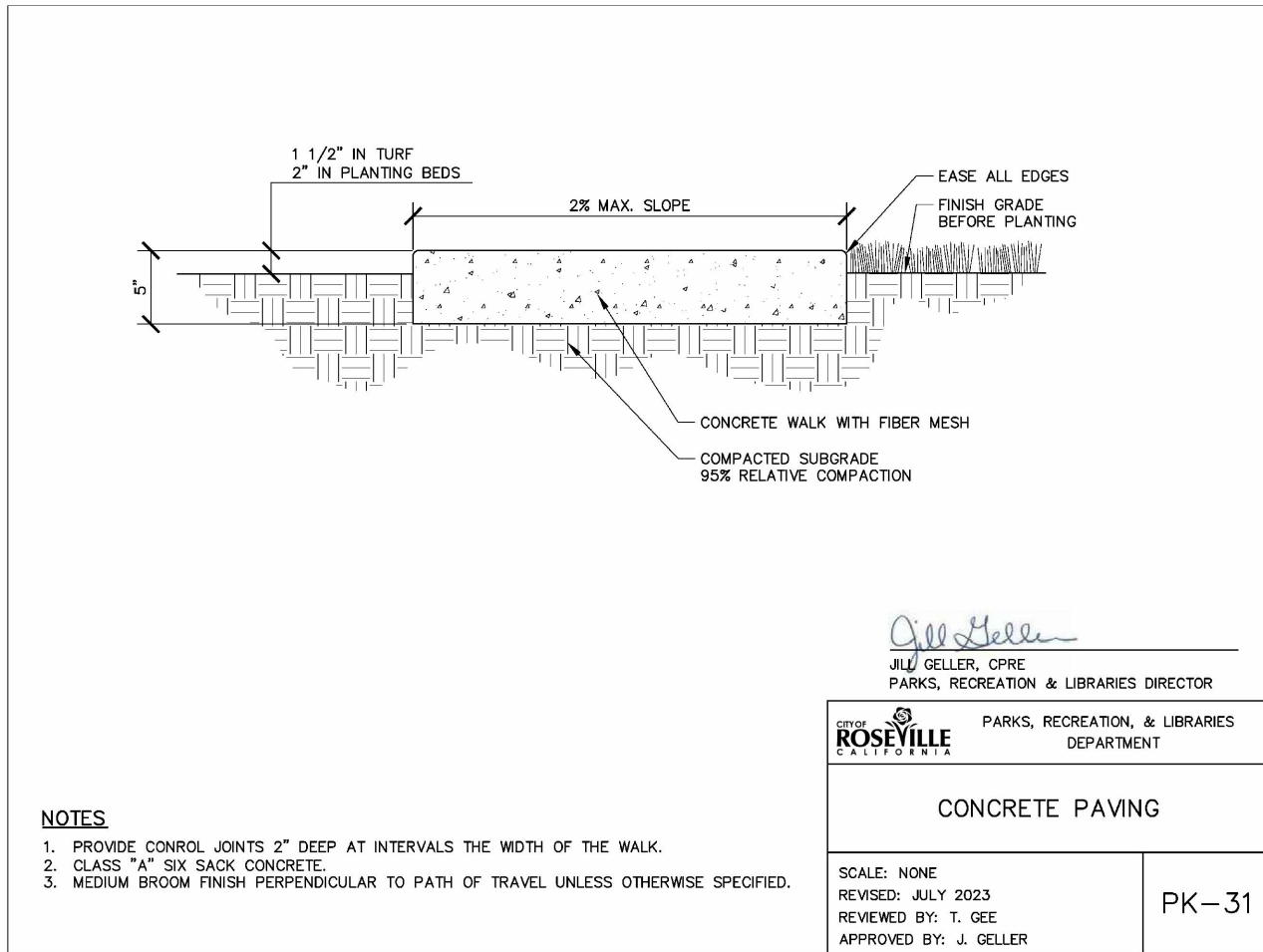


SCALE: 1" = 20'-0"

A horizontal graphic scale bar with vertical tick marks at 0', 20', and 80'. Below the bar, there are additional tick marks at 10' and 40'.



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A CONCRETE PAVING

NOT TO SCALE

PR-24071-32

B CONTROL JOINTS

NOT TO SCALE

PR-24071-01

C MOWBAND

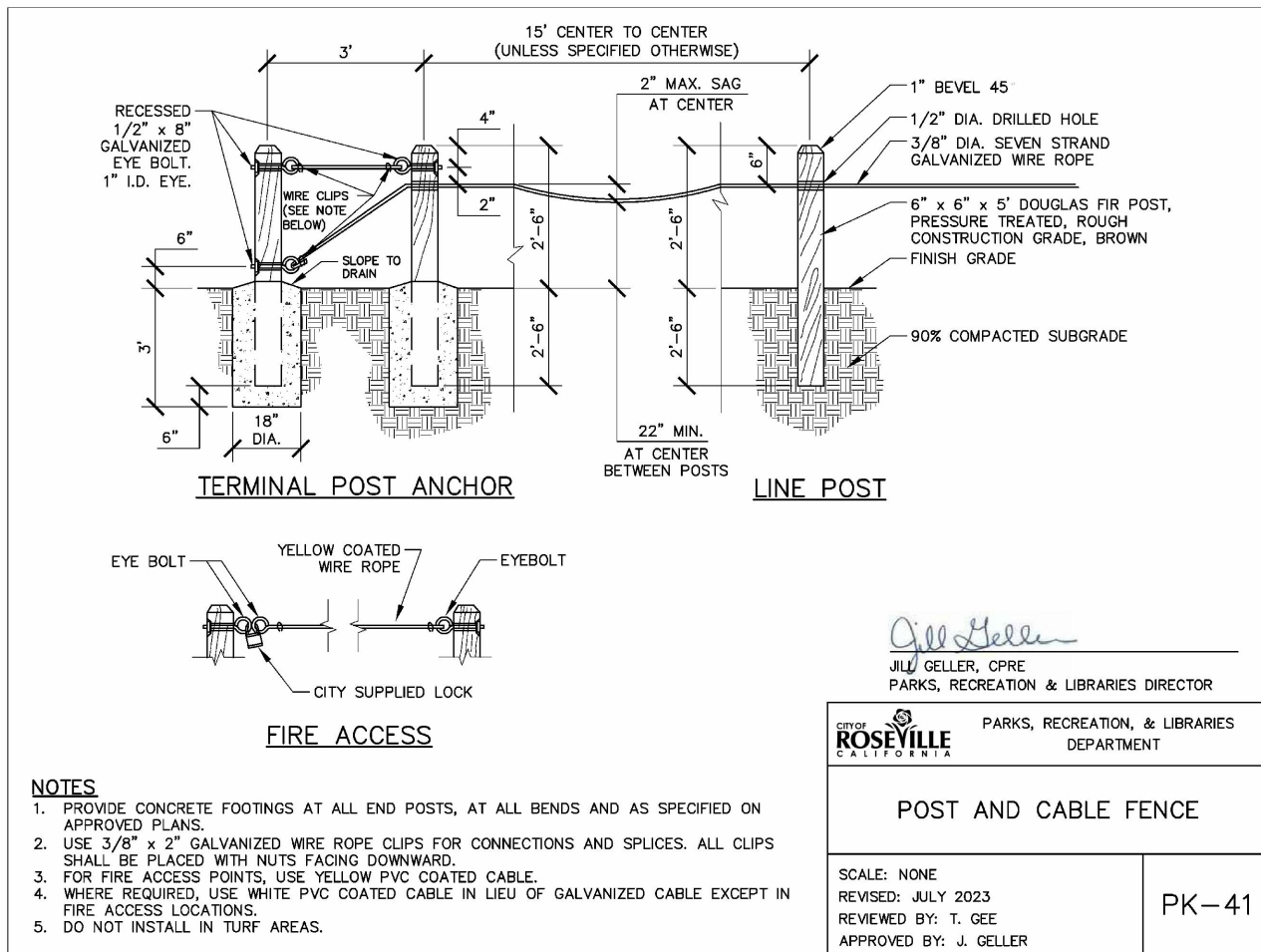
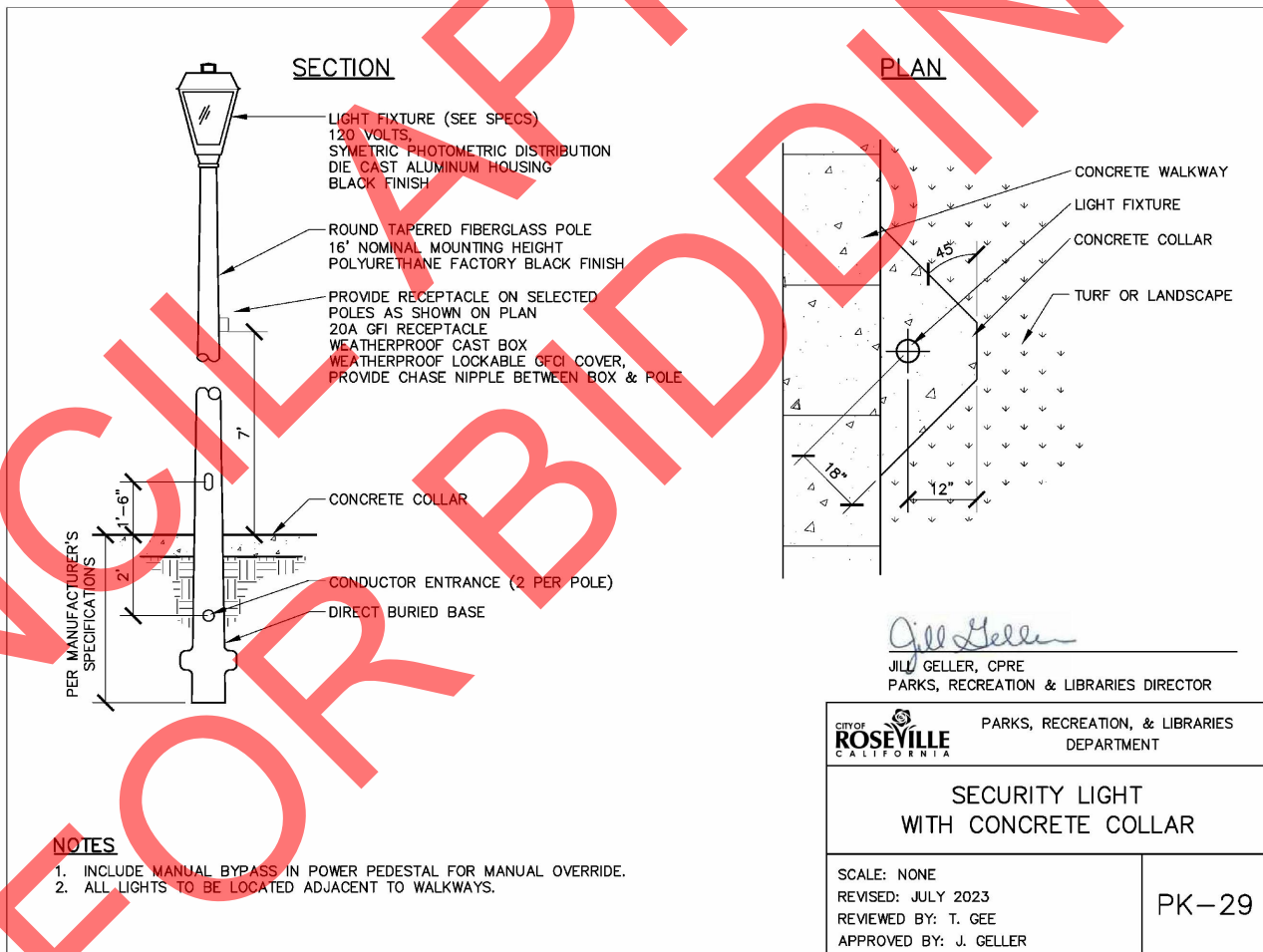
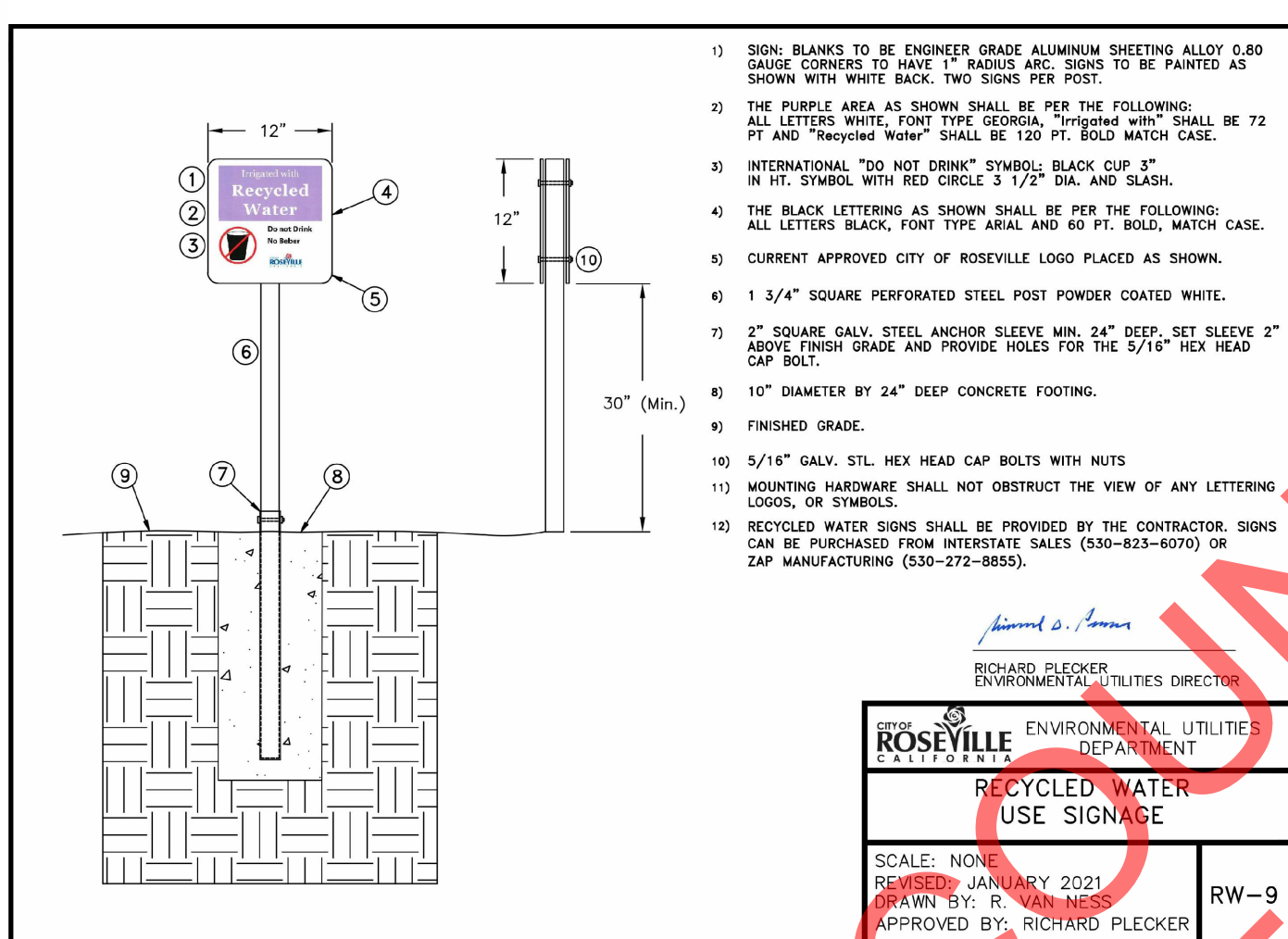
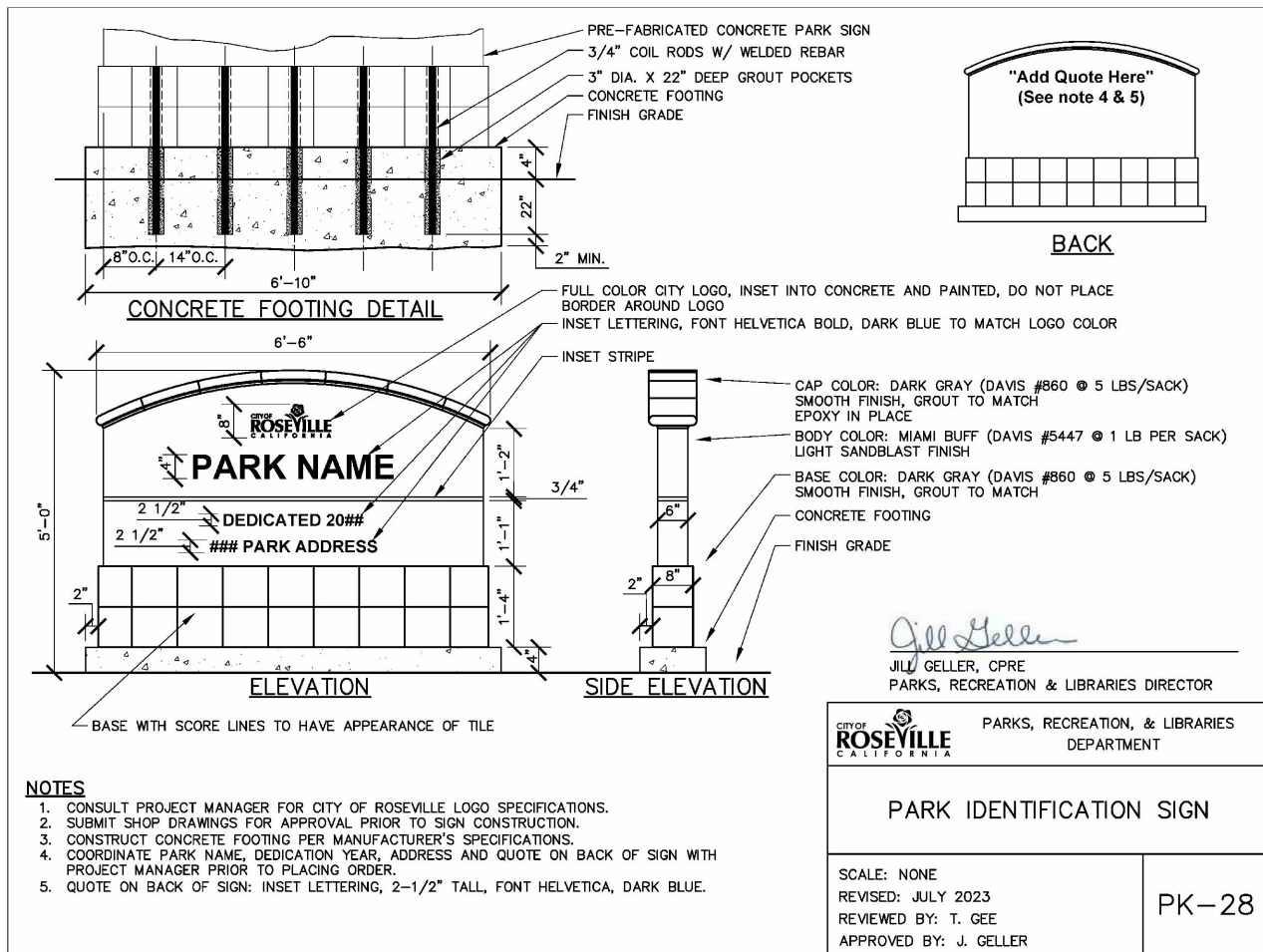
NOT TO SCALE

PR-24071-28

D PICNIC TABLE & BENCH INSTALLATION HEIGHTS

NOT TO SCALE

PR-24071-25



E PARK IDENTIFICATION SIGN

NOT TO SCALE

PR-24071-29

F RECYCLED WATER SIGN

NOT TO SCALE

PR-24071-12

G SECURITY LIGHT

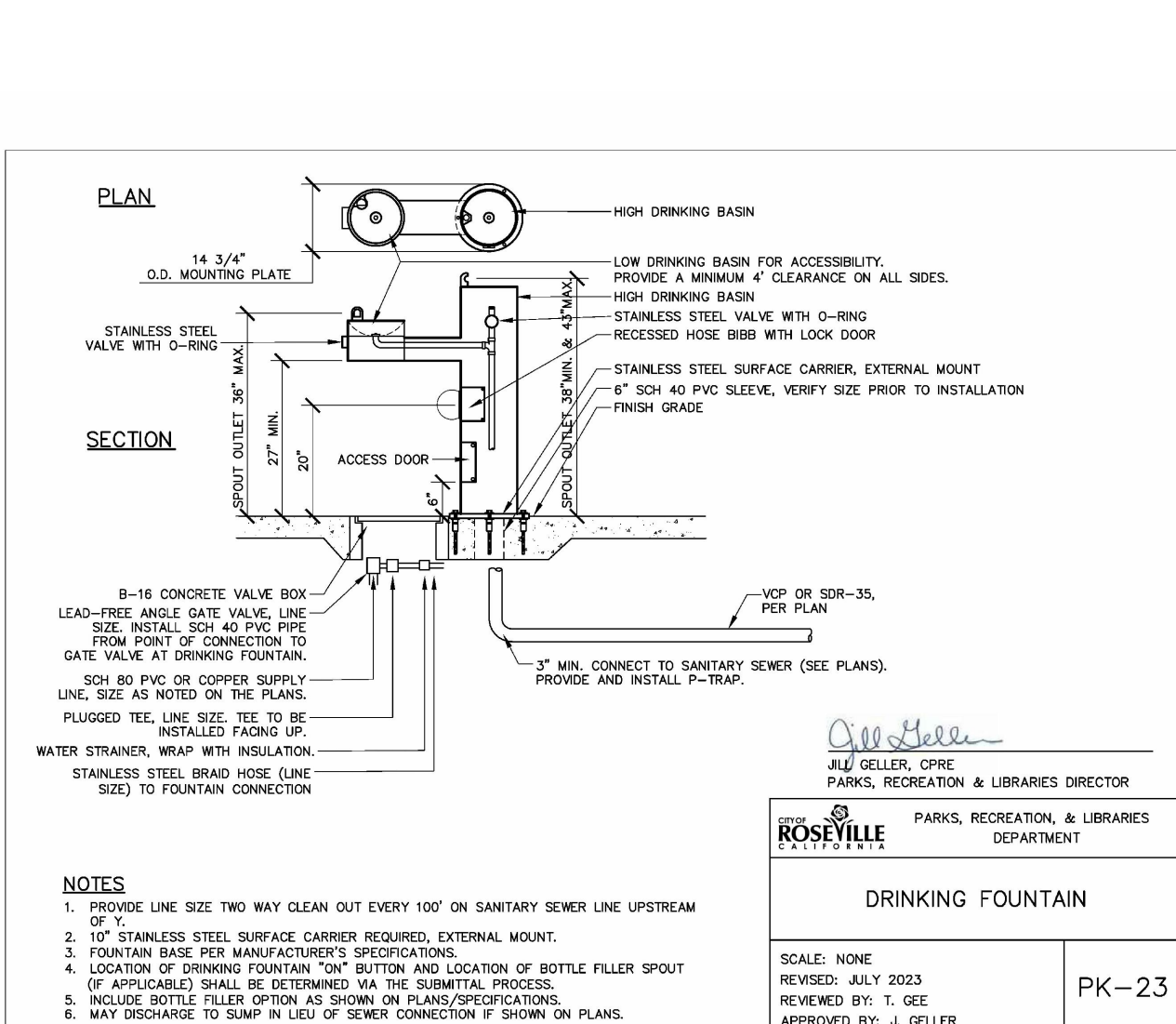
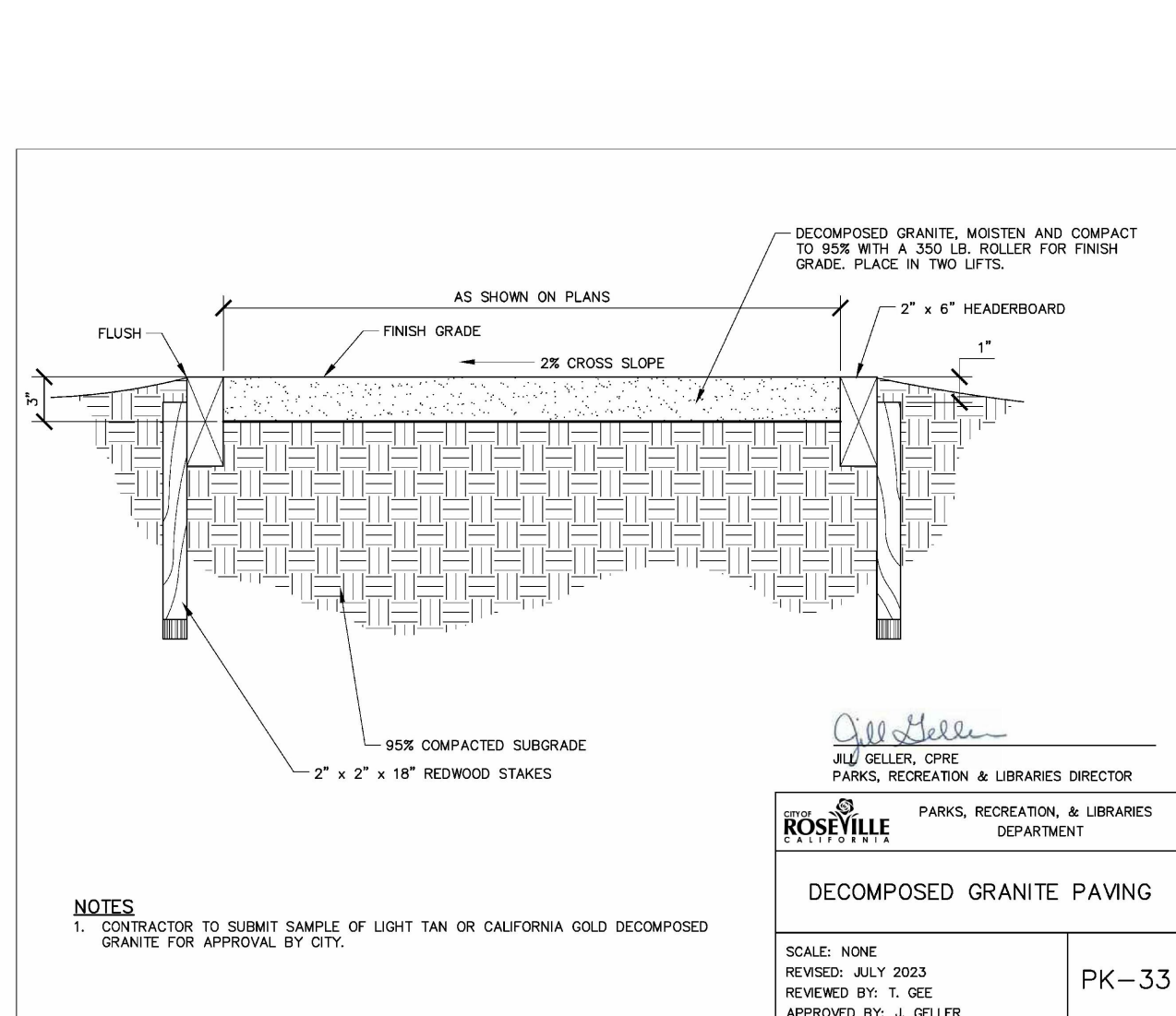
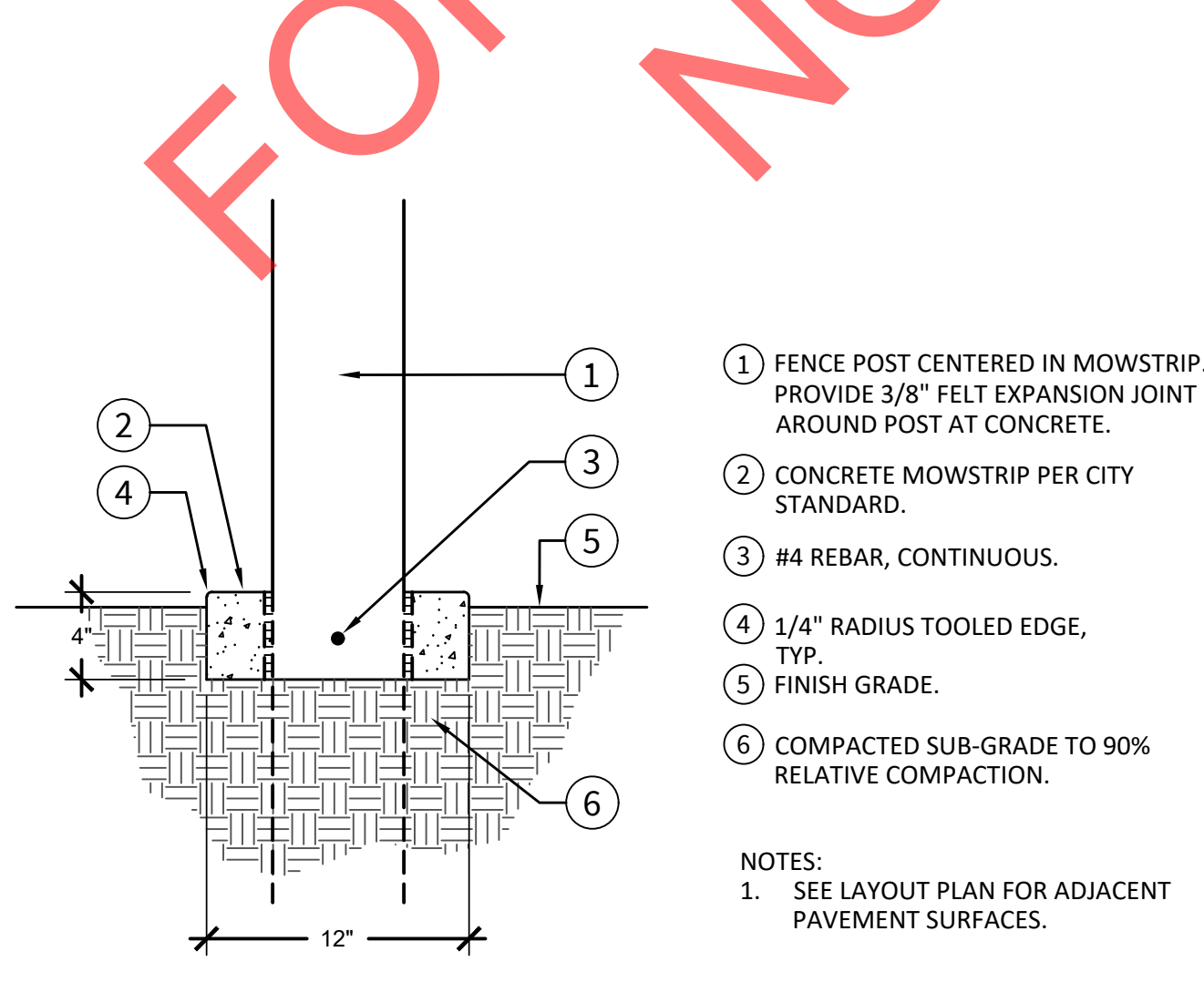
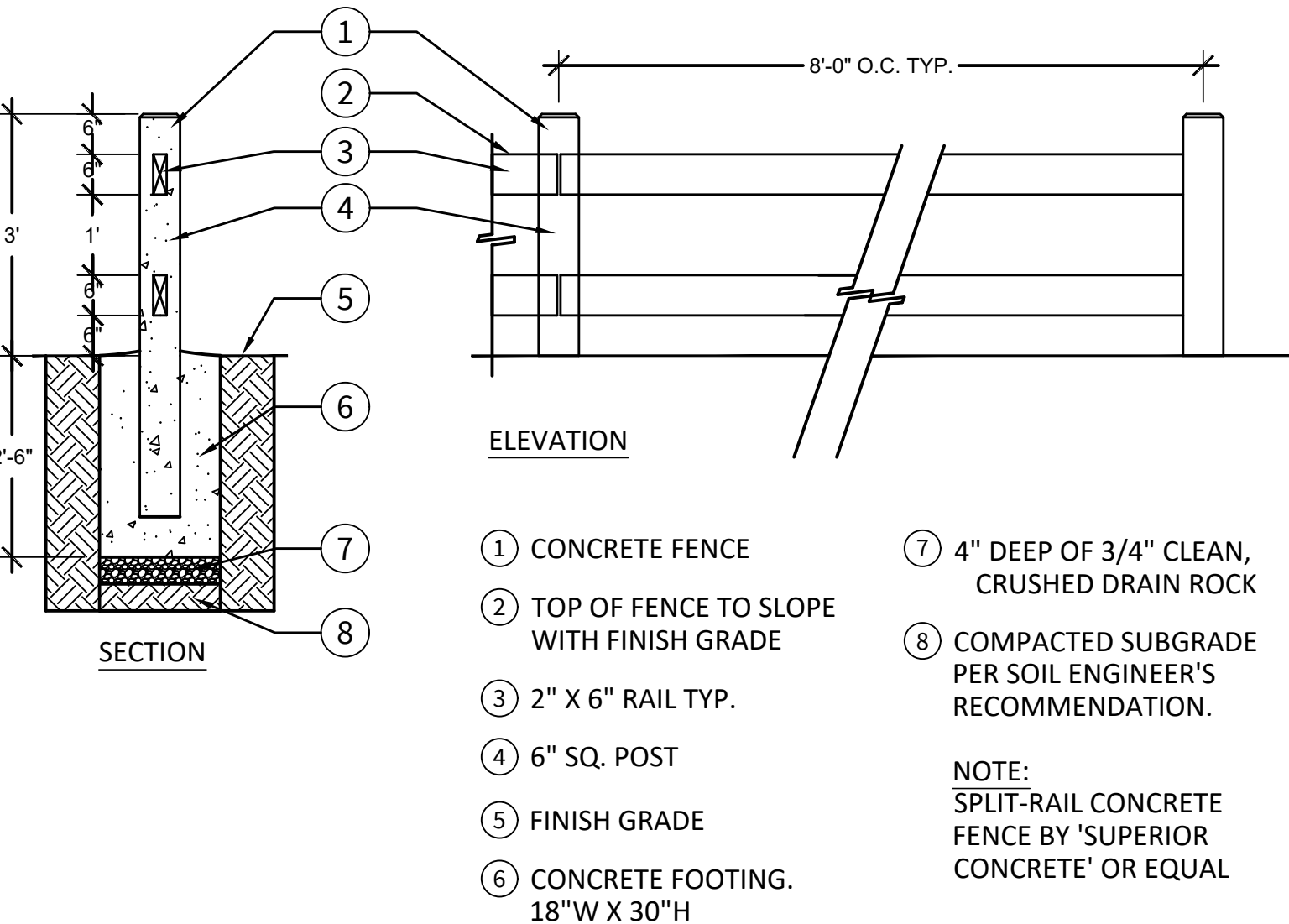
NOT TO SCALE

PR-24071-30

H POST & CABLE FENCE

NOT TO SCALE

PR-24071-52



I SPLIT RAIL FENCE (CONCRETE)

1/2" = 1'-0"

PR-24071-99

J 12" CONCRETE MOWSTRIP W/SPLIT RAIL FENCE

1 1/2" = 1'-0"

PR-24071-51

K DECOMPOSED GRANITE PAVING

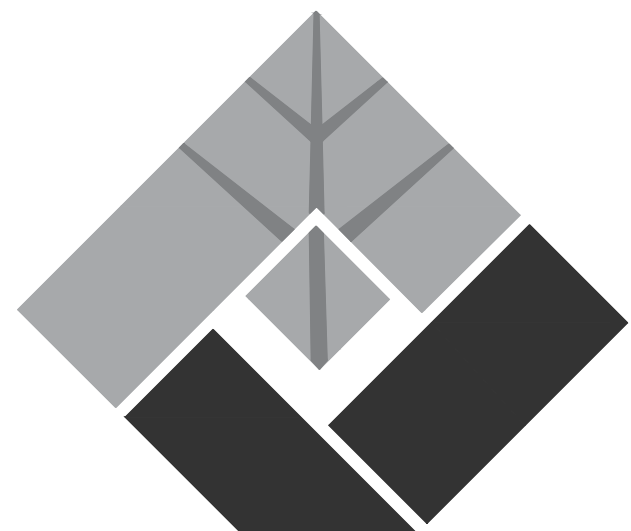
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PR-24071-33

L DRINKING FOUNTAIN

NOT TO SCALE

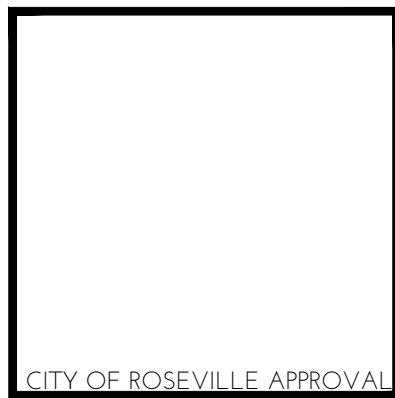
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JOB NO. : CRV: 24071



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:
CITY OF ROSEVILLE

REVISIONS	DATE
1	
2	
3	
4	
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DRAWN : AM
CHECKED : KCL
SCALE : AS SHOWN

SHEET TITLE:

LANDSCAPE
CONSTRUCTION
DETAILS

SHEET

LC-2.0

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CITY GRADING NOTES

1. GRADING SHALL CONFORM TO APPENDIX CHAPTER 33 UBC, LATEST EDITION.
2. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED AS SPECIFIED IN THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP) FOR THIS PROJECT OR AS DETERMINED BY THE CITY INSPECTOR. THE SWPPP IS CONSIDERED A DYNAMIC DOCUMENT AND WILL CHANGE AS CONDITIONS WARRANT. PERMANENT EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED AS SHOWN ON THE SWPPP PLAN.
3. LOTS SHALL BE GRADED WITH A CONSTANT SLOPE ALONG THE FRONTAGE OF THE RIGHT-OF-WAY, FROM BUILDING SETBACK LINE TO BACK OF SIDEWALK. ALL TEMPORARY AND PERMANENT SLOPES STEEPER THAN 4:1 ALONG THIS FRONTAGE SHALL HAVE EROSION NETTING INSTALLED.
4. ALL REAR LOT CORNER ELEVATIONS SHALL BE EQUAL TO OR GREATER THAN THE HIGHEST ADJACENT PAD GRADE UNLESS SPECIFICALLY SHOWN ON THESE PLANS AND APPROVED BY ENGINEERING DIVISION.
5. NON-POTABLE WATER SHALL BE SPRAYED ON ALL EXPOSED EARTH SURFACES DURING CLEARING GRADING, EARTH MOVING, AND OTHER SITE PREPARATION ACTIVITIES. THE EXPOSED EARTH SHALL BE WATERED THROUGHOUT THE DAY TO MINIMIZE DUST.
6. TARPULINS OR OTHER EFFECTIVE COVERS SHALL BE USED ON ALL STOCKPILED EARTH MATERIAL AND ON HAUL TRUCKS TO MINIMIZE DUST.
7. THE CITY SHALL HAVE THE AUTHORITY TO STOP ALL GRADING OPERATIONS, IF, IN OPINION OF CITY STAFF, INADEQUATE DUST CONTROL MEASURES ARE BEING PRACTICED OR EXCESSIVE WIND CONDITIONS CONTRIBUTE TO FUGITIVE DUST EMISSIONS.
8. ADJACENT STREET FRONTAGES SHALL BE SWEEPED AT LEAST ONCE A DAY TO REMOVE SILT AND OTHER DIRT WHICH IS EVIDENT FROM CONSTRUCTION ACTIVITIES. REFER TO SCHEDULES WITHIN SWPPP.
9. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CLEANING CONSTRUCTION VEHICLES LEAVING THE SITE ON A DAILY BASIS TO PREVENT DUST, SILT AND DIRT FROM BEING RELEASED OR TRACKED OFFSITE. REFER TO SWPPP FOR SPECIFIC REQUIREMENTS.
10. CONSTRUCTION SHALL STOP IF CULTURAL RESOURCES ARE SUSPECTED. IT IS POSSIBLE THAT PREVIOUS ACTIVITIES HAVE OBSCURED SURFACE EVIDENCE OF CULTURAL RESOURCES. IF SIGNS OF AN ARCHEOLOGICAL SITE, SUCH AS ANY UNUSUAL AMOUNTS OF STONE, BONE, OR SHELL, ARE UNCOVERED DURING GRADING OR OTHER CONSTRUCTION ACTIVITIES, WORK SHALL BE HALTED WITHIN 100 FEET OF THE FIND AND THE ROSEVILLE COMMUNITY DEVELOPMENT DEPARTMENT SHALL BE NOTIFIED. A QUALIFIED ARCHEOLOGIST SHALL BE CONSULTED FOR AN ON-SITE EVALUATION. THE ARCHEOLOGIST MAY REQUIRE ADDITIONAL MITIGATION.
11. SHOULD GRADING OPERATIONS UNCOVER HAZARDOUS MATERIALS, OR WHAT APPEARS TO BE HAZARDOUS MATERIALS, THE FIRE DEPARTMENT SHALL BE CONTACTED IMMEDIATELY AT (916) 774-5820. THE AREA, WHICH CONTAINS THE HAZARDOUS MATERIALS, SHALL BE MARKED OFF UNTIL AN INVESTIGATION BY A MEMBER OF THE FIRE DEPARTMENT IS CONDUCTED.
12. GRADES SHOWN OUTSIDE OF THE PUBLIC RIGHT OF WAY WITHIN THE APPROVED GRADING PLAN ARE SUBJECT TO FURTHER REVIEW AND MODIFICATION BY THE BUILDING DIVISION FOR COMPLIANCE WITH THE UNIFORM BUILDING CODE AND STATE OF CALIFORNIA TITLE 24 HANDICAP ACCESSIBILITY REQUIREMENTS.
13. THE CONTRACTOR/DEVELOPER IS EXPECTED TO COMPLY WITH THE FUGITIVE DUST CONTROL REQUIREMENTS FROM THE PLACER COUNTY AIR POLLUTION CONTROL DISTRICT: WWW.PLACER.CA.GOV/APCD
14. CONTAMINATED SOIL - DEVELOPER AGREES TO PROPERLY ADHERE TO ALL THEN CURRENT STATE AND FEDERAL REQUIREMENTS WHEN ANY EVIDENCE OF TOXIC, HAZARDOUS OR CONTAMINATED SOILS ARE ENCOUNTERED DURING ANY AND ALL EXCAVATION OR GRADING OPERATIONS, AND TO INDEMNIFY, DEFEND AND HOLD HARMLESS THE CITY OR ROSEVILLE, ITS OFFICERS, AGENTS AND EMPLOYEES, FROM ANY AND ALL LIABILITY, COSTS, CLAIMS, FEES, FINES, PENALTIES AND CLAIMS OF OR DAMAGE OF ANY TYPE WHATSOEVER. EXTRA COSTS FOR REMEDIATION AND/OR REMOVAL OF SOIL SHALL BE BOURN SOLELY BY THE DEVELOPER. THE PARTIES INTEND THAT THIS PROVISION BE BROADLY CONSTRUED.

EARTHWORK QUANTITIES

(FOLLOWING NUMBERS ARE FOR PERMITTING PURPOSES ONLY CONTRACTOR IS RESPONSIBLE FOR THEIR OWN EARTH WORK QUANTITIES)
OUT: ±105 CU.YD.
FILL: ±135 CU.YD.
NET: ±30 CU.YD. IMPORT
PRIOR TO SITE GRADING; CONTRACTOR SHALL PROVIDE CITY INSPECTOR THE LOCATION OF THE IMPORT (OR EXPORT) SITE AND THE ASSOCIATED GRADING PERMIT FOR THE CORRESPONDING SITE.

DRAIN CONSTRUCTION NOTES

- 01 EX STORM DRAIN STUB
CONTRACTOR SHALL POTHOLE EXISTING STORM DRAIN PIPE AND VERIFY INVERT. NOTIFY ENGINEER OF DISCREPANCIES. SEE SHEET C1.1 FOR DETAILS
- 02 CONTRACTOR SHALL PROTECT EXISTING STORM DRAIN/ PIPE/INLET
- 03 SEE GRADING DETAIL (A) C1.1
- 04 DRAIN INLETS INSTALLED IN MULCHED PLANTER AREAS SHALL HAVE A 12" WIDE COLLAR OF 2- TO 6-INCH RIVER COBBLE PLACED OVER FILTER FABRIC.

CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES TO VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES. COORDINATE WITH COUNTY INSPECTOR.

SEWER CONSTRUCTION NOTES

- 01 EX SEWER STUB
CONTRACTOR SHALL POTHOLE EXISTING SEWER PIPE AND VERIFY INVERT. NOTIFY ENGINEER OF DISCREPANCIES.
(E) IE=±103.0 (6")
- 02 PROVIDE 3"Ø TWO-WAY CLEANOUTS EVERY 100' ON SEWER LINE.

CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES TO VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES. COORDINATE WITH COUNTY INSPECTOR.

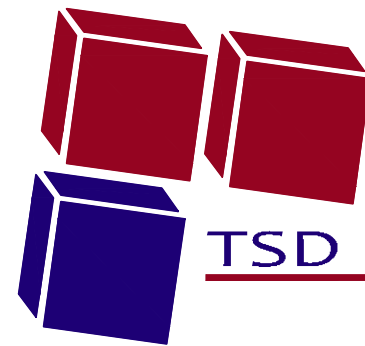
WATER CONSTRUCTION NOTES

- W1 EX DOMESTIC WATER STUB
CONTRACTOR SHALL REMOVE EXISTING BLOWOFF AND INSTALL 1" METER AND 1" BACKFLOW PER CITY STD DTL W-6.
- W2 INSTALL DRINKING FOUNTAIN PER CITY STD DTL PK-25.

CONTRACTOR SHALL POTHOLE ALL EXISTING UTILITIES TO VERIFY EXACT LOCATION PRIOR TO CONSTRUCTION OF ANY PROPOSED UTILITIES. COORDINATE WITH COUNTY INSPECTOR.

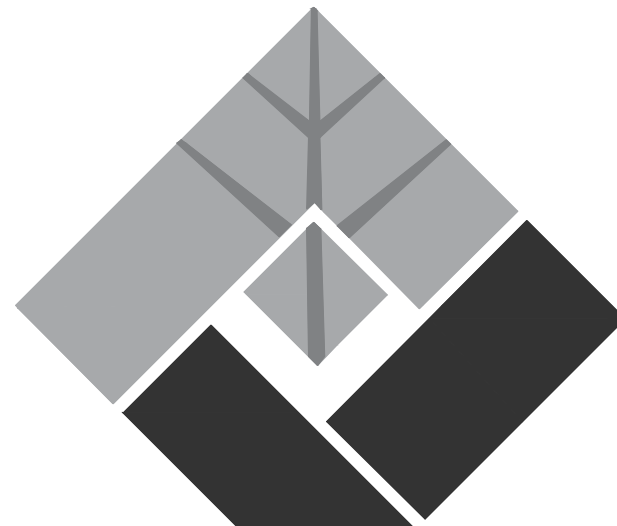
GRADING NOTES

- 1 CONTRACTOR SHALL PROTECT EXISTING SEWER LINE
- 2 CONTRACTOR SHALL PROTECT EXISTING WATER AND APPURTENANCES.
- 3 CONTRACTOR SHALL PROTECT EXISTING UTILITIES, ADJUST VAULT LIDS TO GRADE
- 4 CONTRACTOR SHALL CONSTRUCT SIDEWALK (MAX. CROSS SLOPE 2%, LONGITUDINAL SLOPE 4.9% MAX.) VERIFY SLOPE PRIOR TO POURING CONCRETE.
- 5 CONTRACTOR SHALL CONSTRUCT PLAZA (MAX. CROSS SLOPE 2% IN ANY DIRECTION. VERIFY SLOPE PRIOR TO POURING CONCRETE.
- 6 CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS, ADJUST PROPOSED SIDEWALK TO MAINTAIN ACCESSIBILITY. 4



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Folsom, CA 95630
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Fax: (916) 608-0701

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PROJECT:

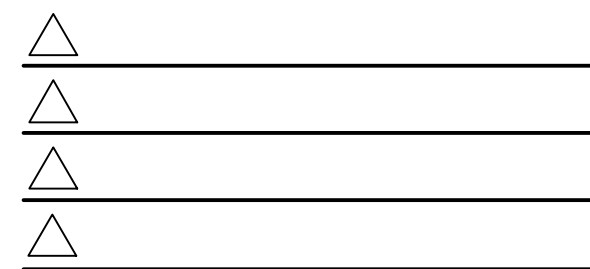
ROCKY
ROCKHOLM PARK
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3000 EARL RUSH DRIVE
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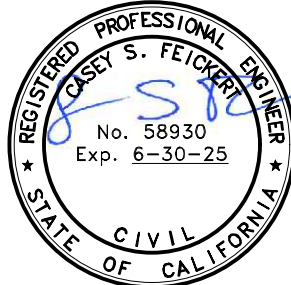
REVISIONS DATE



ISSUE DATE

1	1ST SUBMITTAL	12.11.2024
2	2ND SUBMITTAL	2.24.2025
3		
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CONSULTANT



DRAWN : DJM
CHECKED : CSF
SCALE: : 1" = 20'-0"

SHEET TITLE:

GRADING
& DRAINAGE PLAN

SHEET

C1.0

10 OF 28 SHEETS

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EROSION CONTROL LEGEND

LANDSCAPE AREA

TURF AREA

PCC PAVING AREA

MAINTAIN NATIVE STABILIZED
VEGETATION UNTIL READY FOR
FINAL HYDROSEED

DROP INLET

SWALE

LIMIT OF DISTURBANCE ¹

FIBER ROLL ²

EROSION CONTROL NOTES

1

LIMIT OF DISTURBANCE. CONTRACTOR SHALL NOT DISTURB EXISTING VEGETATION OUTSIDE THESE LIMIT UNTIL SITE WORK IS COMPLETE. REFERENCE CASQA EC-2 FOR DETAILS

2

PLACE FIBER ROLL AT LIMITS OF GRADING. REFERENCE CASQA SE-5 FOR DETAILS

3

CONTRACTOR SHALL PROTECT STORM DRAIN INLETS. REFERENCE CASQA SE-10 FOR DETAILS

4

INSTALL STABILIZED CONSTRUCTION ENTRANCE. REFERENCE CASQA TC-1 FOR DETAILS

1. EVERY FRIDAY AFTERNOON, THE ENTIRE STREET(S) FRONTAGE SHALL BE CLEANED AND PICKED UP WITH A STREET SWEEPER.

2. ADDITIONAL EROSION CONTROL METHODS MAY BE REQUIRED BY THE CITY OF ROSEVILLE & CASQA.

3. PLEASE REFERENCE SWPPP PLAN FOR DETAILED EROSION CONTROL METHODS.

EROSION CONTROL SCHEDULE

1. THE BMP INSPECTOR SHOULD INSPECT THE SITE ON A WEEKLY BASIS, AND BEFORE, DURING, AND AFTER ANY STORM GENERATING RUNOFF TO DETERMINE MAINTENANCE REQUIREMENTS AND GENERAL CONDITIONS OF THE INSTALLED SYSTEM. THE LOCAL AGENCY MAY ALSO INSPECT THE SITE ON A ROUTINE BASIS TO ASSESS THE MAINTENANCE PERFORMED ON THE SYSTEMS. ALL MAINTENANCE RELATED TO A STORM EVENT SHOULD BE COMPLETED WITHIN FORTY-EIGHT (48) HOURS OF THE STORM EVENT. THE FOLLOWING MAINTENANCE TASKS SHOULD BE PERFORMED ON A REGULAR BASIS:

A) REMOVAL OF SEDIMENT FROM BARRIERS AND SEDIMENTATION DEVICES.

B) REPLACEMENT OR REPAIR OF WORN OR DAMAGED SILT FENCE FABRICS.

C) REPLACEMENT OR REPAIR OF DAMAGED STRUCTURAL CONTROLS.

D) REPAIR OF DAMAGED SOIL STABILIZATION MEASURES.

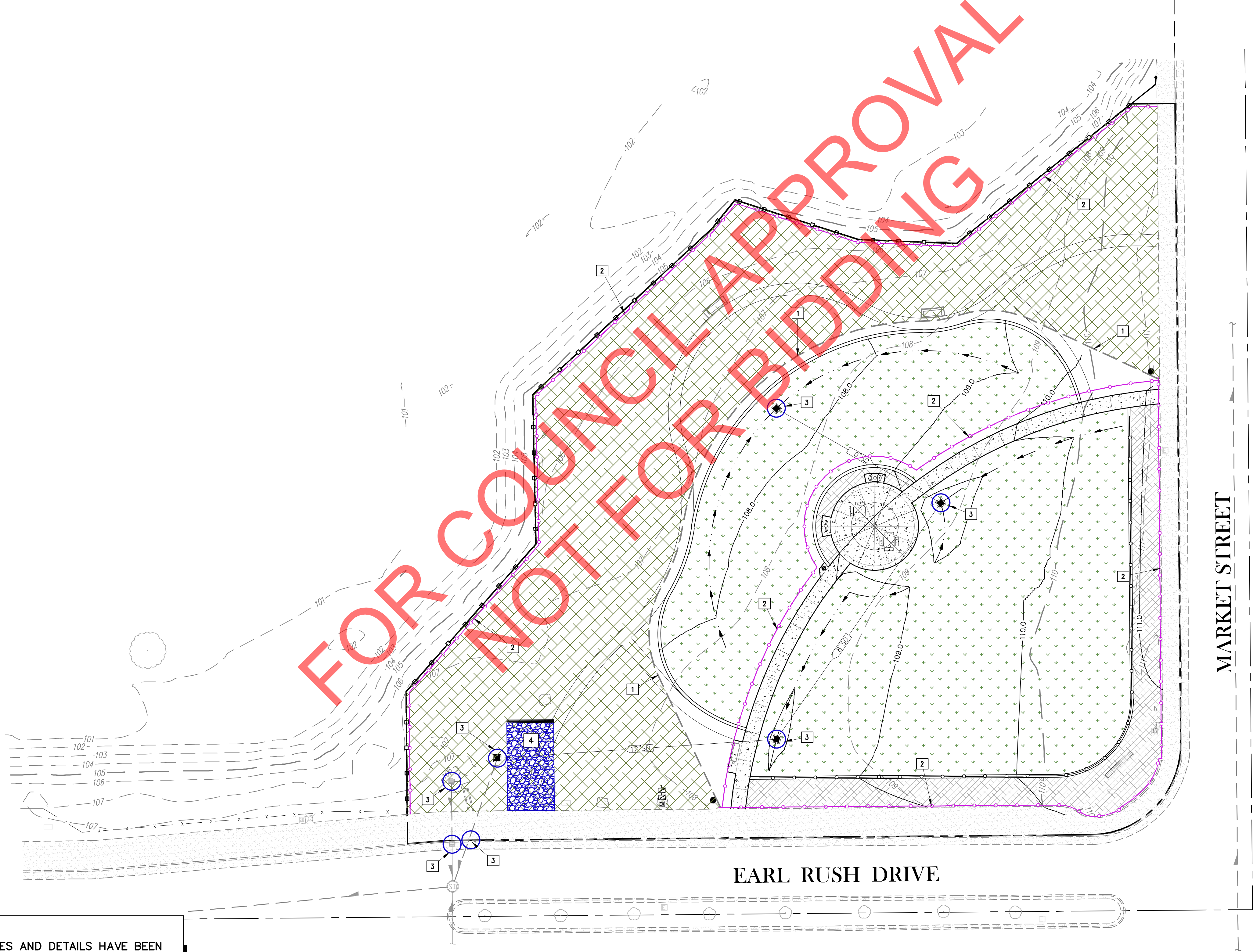
E) OTHER CONTROL MAINTENANCE AS DEFINED IN EACH BMP FACT SHEET.

2. PRIOR TO A RAIN EVENT, OR IF AN AREA WILL NOT BE ACTIVELY WORKED ON WITHIN 14 DAYS, ALL DISTURBED OR EXPOSED SOILS SHALL BE PROTECTED, AT A MINIMUM, WITH A HYDROSEED/STRAW MULCH TACKIFIER 3-STEP APPLICATION, FIRST, A LAYER OF HYDROSEED CONSISTING OF NATIVE GRASSES OR TURF SEED WITH FERTILIZER SHALL BE EVENLY DISTRIBUTED ON DISTURBED AREA. THEN, APPLY A LAYER OF STRAW MULCH IN PLACE. THIS IS A MINIMUM GUIDE ONLY. CONTRACTOR IS RESPONSIBLE FOR DETERMINING AND INSTALLING THE APPROPRIATE LEVEL OF EROSION AND SEDIMENT CONTROL.

3. PLAN SHOWN IS A BASIC DESIGN & FOR EROSION CONTROL BMP'S CONTRACTOR SHALL MODIFY WITH ASSISTANCE OF QSD/QSP BASED ON SITE CONDITIONS, PROJECT SCHEDULING PHASE OF CONSTRUCTION, TIME OF YEAR, AND APPROXIMATE RAINFALL EVENTS.

SWPPP NOTE:

EROSION CONTROL PLAN AND ASSOCIATED NOTES AND DETAILS HAVE BEEN PROVIDED FOR PERMITTING PURPOSES ONLY. CONTRACTOR SHALL IMPLEMENT/INSTALL/ COORDINATE PER SWPPP & WQID# APPROVED BY THE STATE WATER RESOURCES CONTROL BOARD PRIOR TO THE INSTALLATION, MAINTENANCE AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES AND/OR BMP'S



785 Orchard Drive, Suite #110
Folsom, CA 95630
Phone: (916) 608-0707
Fax: (916) 608-0701
TSD ENGINEERING, INC.
expect more.

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2140 PROFESSIONAL DRIVE, SUITE 115
ROSEVILLE, CALIFORNIA 95661
916.783.5263 • FLLANDGROUP.COM

JOB NO. : CRV. 24071

CITY OF ROSEVILLE APPROVAL

PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:
CITY OF ROSEVILLE

REVISIONS

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DATE

ISSUE

1

1ST SUBMITTAL

12.11.2024

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2ND SUBMITTAL

2.24.2025

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CONSULTANT



DRAWN : DJM

CHECKED : CSF

SCALE : 1" = 20'-0"

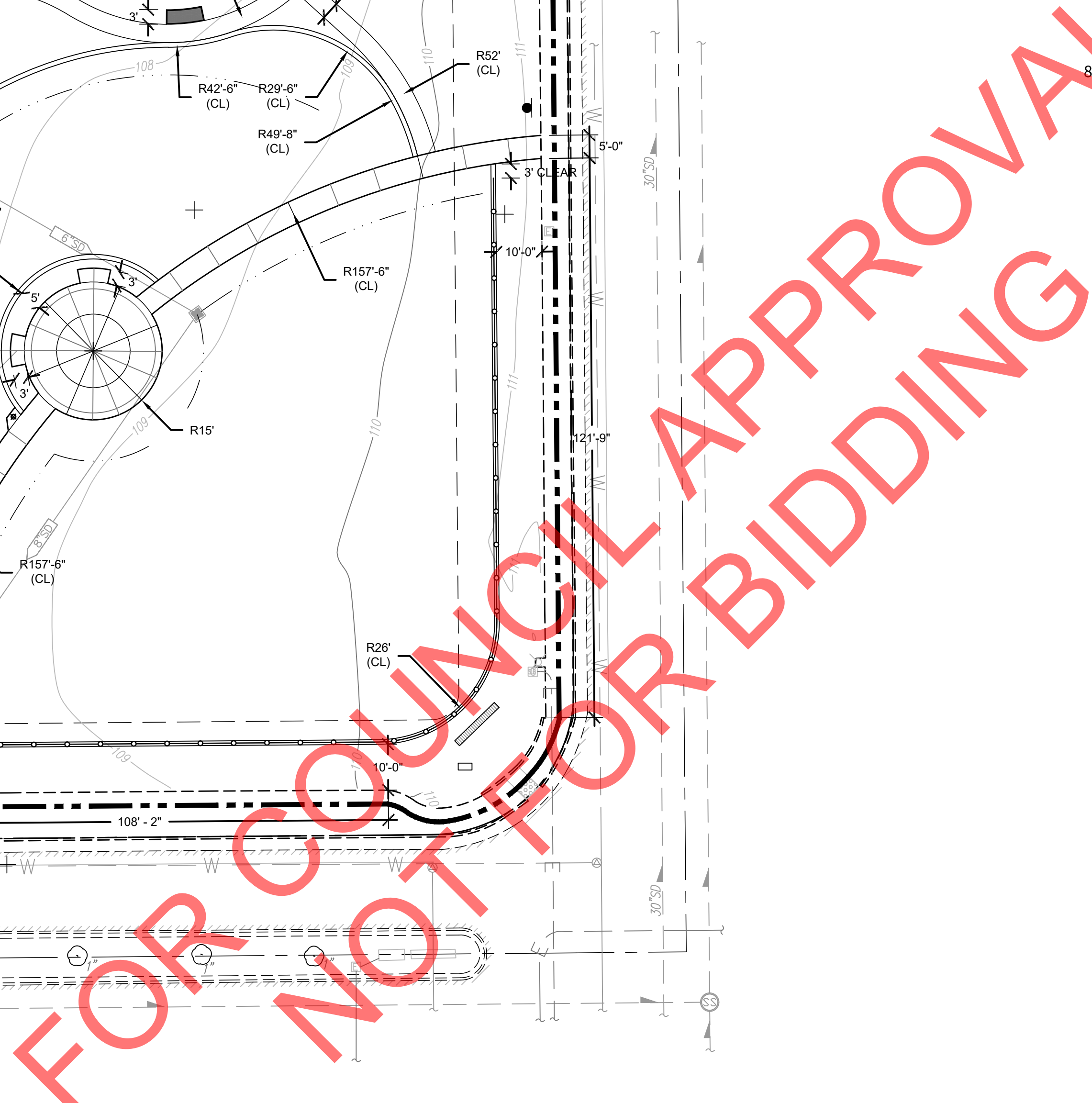
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EROSION CONTROL
PLAN

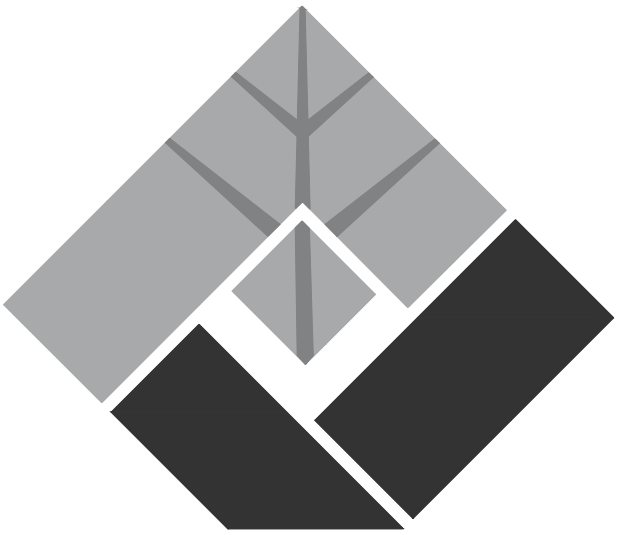
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12 OF 28 SHEETS



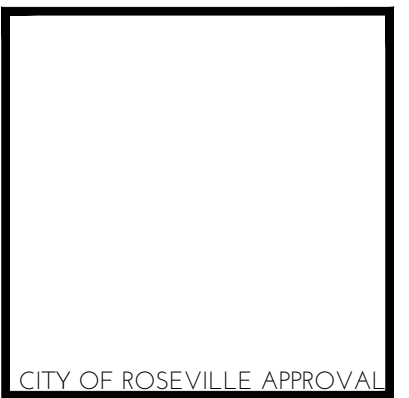
1. ALL DIMENSIONS ARE TO FACE OF WALLS, STAIRS, CURB AND EDGE OF CONCRETE WALKS, UNLESS OTHERWISE NOTED ON PLANS.
2. EXPANSION JOINTS AND SCORE LINES SHALL BE PLACED AS SHOWN ON PLAN. DESIRED MODULE IS 5'X5'. BRING TO THE PROJECT MANAGER'S ATTENTION IF ANY DEVIATIONS OCCUR DURING LAYOUT.
3. NEW CONCRETE FLATWORK FINISH SURFACE SHALL MEET FLUSH WITH EXISTING CONCRETE FLATWORK.
4. CONSTRUCT ALL CURVILINEAR SITE ELEMENTS WITH SMOOTH, CONTINUOUS, UNBROKEN CURVES.
5. MAINTAIN EXISTING GRADE AT THE BASE OF ALL EXISTING TREES WITHIN THE TREE DRIP LINE.
6. REFER TO IRRIGATION PLANS FOR LOCATIONS OF SLEEVES PRIOR TO THE START OF CONSTRUCTION.
7. UTILITIES ARE SHOWN FOR REFERENCE ON THESE PLANS. VERIFY ALL LOCATIONS PRIOR TO CONSTRUCTION. BRING TO PROJECT MANAGER'S ATTENTION IF THERE ARE ANY DISCREPANCIES BETWEEN DOCUMENTS AND FIELD CONDITION.
8. FINAL NATURE TRAIL ALIGNMENT TO BE CONFIRMED IN THE FIELD BY CITY PARKS STAFF.



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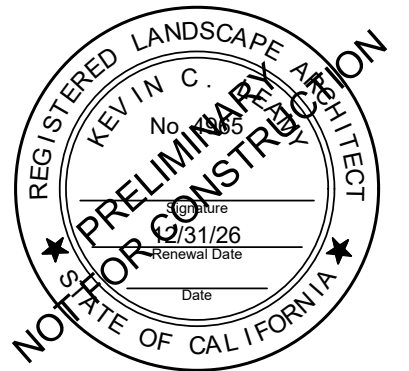
PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:
CITY OF ROSEVILLE

REVISIONS		DATE
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②	2ND SUBMITTAL	2.24.2025
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SCALE: : 1"=20'-0"

SHEET TITLE:

LANDSCAPE
LAYOUT
PLAN

SHEET

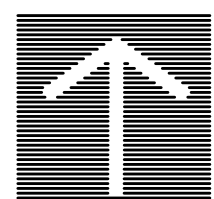
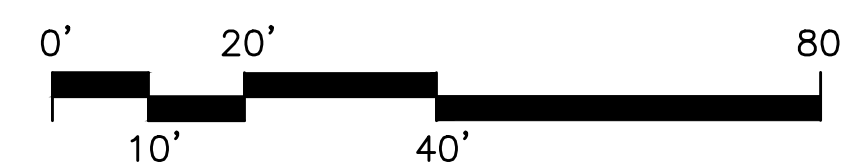
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13 OF 28 SHEETS

NOTE

CONTRACTOR SHALL NOTIFY PROJECT
MANAGER WHEN FIELD STAKING IS PLANNED
TO OCCUR. LANDSCAPE ARCHITECT WILL
PROVIDE ELECTRONIC FILES TO STAKING
CONTRACTOR WHEN REQUESTED. SITE
COMPONENTS SHALL BE LOCATED AND
STAKED USING DIGITAL COORDINATES.

SCALE: 1" = 20'-0"



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FD-83
OPEN SPACE

H16	H17	H18	H19	H20
1" 10.7	1" 24.9	1" 19.6	1" 20	1" 24.1
HYD VL	HYD VL	HYD VL	HYD VL	HYD VL
TEMPORARY SYSTEM	TEMPORARY SYSTEM	TEMPORARY SYSTEM	TEMPORARY SYSTEM	TEMPORARY SYSTEM

POINT OF CONNECTION H

PROVIDE GATE VALVE ON WATER STUB PROVIDED BY CIVIL ENGINEER. VERIFY LOCATION IN FIELD.

WATER SUPPLY LINE SIZE: 1"
STATIC PSI: 65 PSI
WATER METER SIZE: 1" - RECYCLED
BACKFLOW DEVICE SIZE: NA
OPERATING PSI: 60 PSI
BOOSTER INCREASE PSI: NA
MAXIMUM FLOW DEMAND: 29.0 GPM
SITE ELEV DIFFERENCE: 2'

CONTROLLER "H"

CONTRACTOR TO MOUNT CONTROLLER PER MANUFACTURER'S SPECIFICATIONS. SEE IRRIGATION LEGEND AND DETAILS FOR MOUNTING TYPE AND ADDITIONAL INFORMATION. CONTRACTOR TO COORDINATE LOCATION AND ELECTRICAL SERVICE WITH OTHER TRADES.

ELECTRIC SERVICE SUPPLY FOR LANDSCAPE WORK

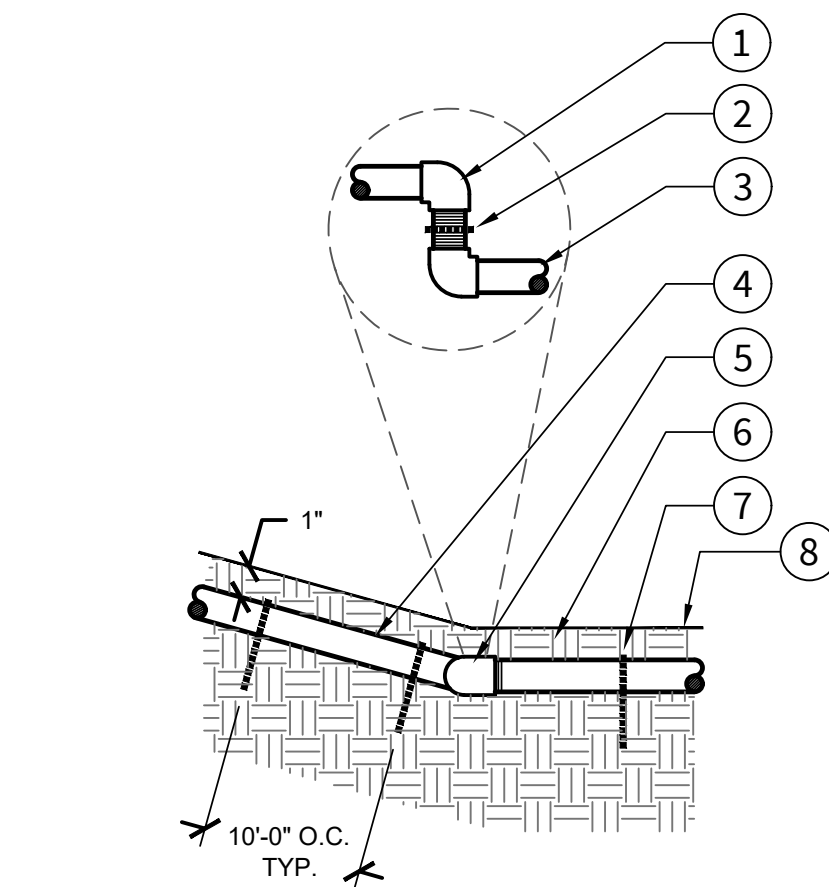
TESCO CONTROLS 100 AMP ELECTRIC SERVICE METER PANEL. SEE ELECTRICAL ENGINEERING PLANS AND JOINT TRENCH PLANS FOR SERVICE LOCATION. PROVIDE PANEL PER ELECTRIC SERVICE PROVIDER.

NATURE TRAIL TO BE CUT IN AFTER HYDROSEED ESTABLISHMENT PERIOD PER CITY OF ROSEVILLE DIRECTION.

H14	H15
1 1/2" 26.5	1" 24.9
HYD VL	HYD VL
TEMPORARY SYSTEM	TEMPORARY SYSTEM

TEMPORARY IRRIGATION VALVES TO BE INSTALLED FOR ESTABLISHMENT PERIOD OF HYDROSEED AREA ONLY PER CITY OF ROSEVILLE DIRECTION. PLACE HEADS 12" MINIMUM FROM BACK OF WALK PER CITY ORDINANCE. TYPICAL WHERE APPLICABLE. SEE TEMPORARY IRRIGATION NOTES & DETAILS, THIS SHEET.

EARL RUSH DRIVE



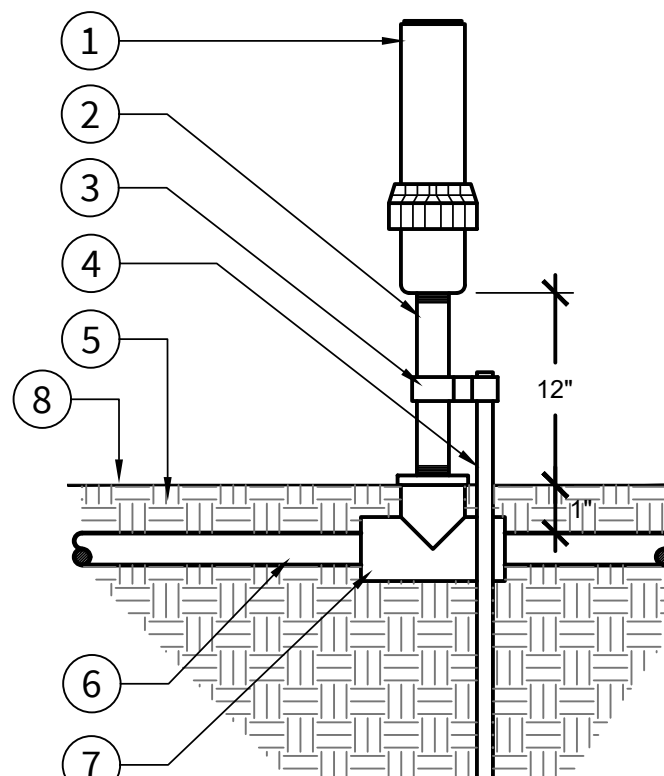
A LATERAL LINE (TEMPORARY IRRIG. SYSTEM)

NOT TO SCALE

PR-24071-54

- 90 DEGREE ELBOW
- J-HOOK
- LATERAL LINE
- ULTRAVIOLET RESISTANT (UVR) BROWN LINE PVC CLASS 200 LATERAL LINE
- BROWN LINE PVC SCH. 40 90-ELBOW, SLIP X THREAD WITH 4" LONG BROWN LINE PVC SCH. 80 NIPPLE IN BETWEEN
- 1" COVER OVER PIPE
- No. 4 X 18" REBAR J-HOOK, REQUIRED EVERY 10'-0" ALONG LENGTH, TYPICAL
- FINISH GRADE

NOTES:
1. ALL PVC PIPE AND FITTINGS INSTALLED ON GRADE TO BE ULTRAVIOLET RESISTANT (UVR).
2. USE TEFLON TAPE ON ALL THREADED FITTINGS.



B ROTOR ON RISER (TEMPORARY IRRIG. SYSTEM)

NOT TO SCALE

PR-24071-53

- POP-UP ROTOR HEAD
- BROWN LINE PVC SCH. 80 NIPPLE
- RISER CLAMP
- 30" No. 4 REBAR STAKE
- 1" COVER OVER PIPE
- BROWN LINE PVC CLASS 200 LATERAL LINE
- BROWN LINE PVC SCH. 40 TEE
- FINISH GRADE

NOTE: RISER TO BE 12" FROM EDGE OF CURBS, HEADERS, HARDSCAPE, ETC. WHERE APPLICABLE.

TEMPORARY IRRIGATION SYSTEM NOTES

- TEMPORARY IRRIGATION SYSTEM IS FOR ESTABLISHMENT OF HYDROSEED AREA ONLY AND IS TO BE INSTALLED PER CITY OF ROSEVILLE PARKS DIRECTION.
- MAINLINE TO BE IN-GROUND AND PROVIDED PER CITY OF ROSEVILLE STANDARD DETAIL PK-6.
- ALL TEMPORARY SYSTEM VALVES ON MAINLINE TO BE PROVIDED PER CITY OF ROSEVILLE STANDARD DETAIL PK-15.
- LATERALS ON TEMPORARY IRRIGATION SYSTEM TO BE PROVIDED PER DETAIL A, THIS SHEET.
- ROTORS ON TEMPORARY IRRIGATION SYSTEM TO BE INSTALLED PER DETAIL B, THIS SHEET.

IRRIGATION SYSTEM NOTE

IRRIGATION SYSTEM AS SHOWN ON PLANS IS DIAGRAMMATIC ONLY FOR GRAPHIC CLARITY. ALL IRRIGATION EQUIPMENT, INCLUDING MAINLINE AND VALVES, SHALL BE PLACED IN PLANTER AREAS.



WATER EFFICIENT LANDSCAPE ORDINANCE:

"I have complied with the criteria of the Water Efficient Landscape Ordinance and applied such criteria for the efficient use of water in the irrigation design plan."

Applicant Signature: [Signature] License #: 4965 Date: 10.30.2024

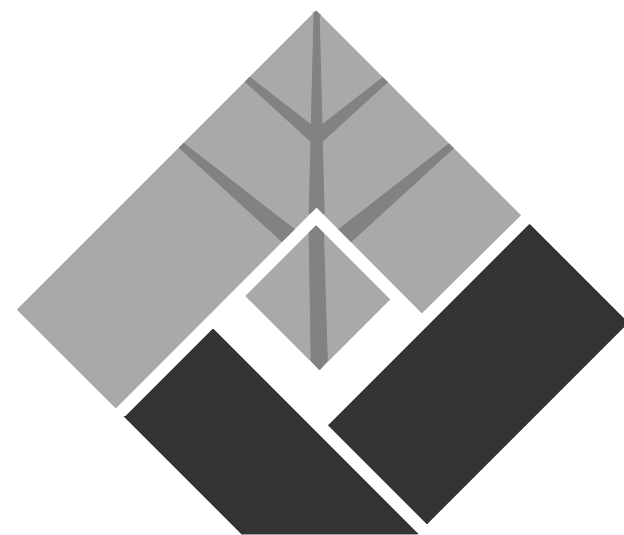
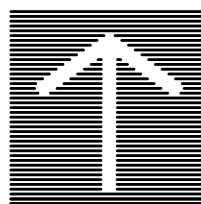
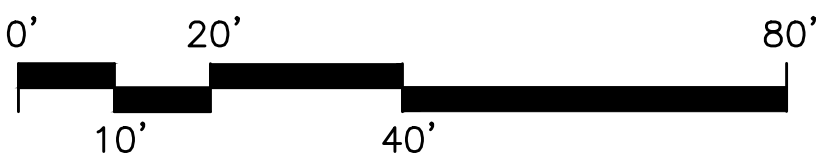
IRRIGATION LIST & LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
1401 1402	RAIN BIRD: RWS-B-C-P DEEP ROOT WATERING SYSTEM WITH CHECK VALVE AND PURPLE GRATE. RAINBIRD BUBBLER OPTION 1402 (0.50 GPM). CONTRATOR TO PLACE (2) BUBBLERS PER TREE AS SHOWN ON PLANS.	30
25 30 35	RAIN BIRD: 5004-PC-NP-MPR (TEMPORARY) ROTOR, 4" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE). ARC AND RADIUS AS PER SYMBOL (25 FT = RED, 30 FT = GREEN, 35 FT = BEIGE). WITH NON-POTABLE PURPLE CAP.	45
25 30	RAIN BIRD: 5006-NP-PC-FC-MPR TURF ROTOR, 6" POP-UP, PLASTIC RISER, MATCHED PRECIPITATION ROTOR (MPR NOZZLE). ARC AND RADIUS AS PER SYMBOL (25 FT = RED, 30 FT = GREEN, 35 FT = BEIGE). WITH NON-POTABLE PURPLE CAP.	45
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	PSI
■	RAIN BIRD: XCZ-PRB-COM SERIES REMOTE CONTROL DRIP ZONE ASSEMBLY WITH PEB VALVE AND PRESSURE REGULATING QUICK CHECK BASKET FILTER. SEE PLAN FOR SIZE. PROVIDE IN PURPLE VALVE BOX PER DETAIL.	--
Ⓐ	RAIN BIRD: ARV050 AIR RELIEF VALVE. PLACE AT HIGHEST POINT ON EACH EXHAUST HEADER. SEE PLAN FOR APPROXIMATE LOCATIONS.	--
Ⓛ	LINE FLUSH VALVE: PER CITY SPECIFICATION PROVIDE AT THE LOWEST POINT ON EACH EXHAUST HEADER. SEE PLAN FOR APPROXIMATE LOCATIONS. PROVIDE OPERATION INDICATORS (OPERIND) AT ALL FLUSH VALVE LOCATIONS. INSTALL PER MANUFACTURER SPECIFICATIONS AND PK-16.	--
	AREA TO RECEIVE DRIPLINE - RAIN BIRD: XFS-CV-06-18 SUB-SURFACE DRIPPER LINE WITH 0.6 GPH FLOW RATE AND 18" DRIPPER SPACING, PLACED AT 18" O.C. PROVIDE 6" BELOW GRADE OF TOP DRESSING (4" BELOW FINISHED SOIL GRADE). SPECIFY XF INSERT FITTINGS. INSTALL PER MANUFACTURER SPECIFICATIONS.	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	
⊕	RAIN BIRD: PEBR REMOTE CONTROL VALVE WITH PURPLE FLOW CONTROL HANDLE FOR RECLAIMED WATER. SEE PLAN FOR SIZE. PROVIDE IN VALVE BOX PER DETAIL.	
⌘	NIBCO: T-113 CLASS 125 BRONZE, THREADED GATE VALVE WITH WHEEL HANDLE (LINE SIZE 2-1/2" AND SMALLER). PROVIDE IN PURPLE VALVE BOX PER DETAIL.	
Ⓜ	BUCKNER-SUPERIOR: 3300-100-RW 1" NORMALLY OPEN BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION AND NO MINIMUM FLOW FEATURE WITH PURPLE CROSS HANDLE FOR RECLAIMED WATER USE.	
H	CALSENSE: CS3-24-S1/CS3-EN/GR-STUBBY/FM-U 24-STATION AUTOMATIC CONTROLLER PER CITY STANDARD. PROVIDE IN STAINLESS STEEL PEDESTAL MOUNT ENCLOSURE WITH AUTOMATIC RAIN SHUT OFF DEVICE. INSTALL PER MANUFACTURER SPECIFICATIONS. NOTE: CONTRACTOR TO PROVIDE THIRD-PARTY COMMUNICATION HARDWARE PER CITY OF ROSEVILLE STANDARDS.	
FS	CALSENSE: FM-U 1" ULTRASONIC FLOW METER PER CITY OF ROSEVILLE CONSTRUCTION STANDARDS. INSTALL PER MANUFACTURER SPECIFICATIONS.	
F	AMIAID: 2" PLASTIC SUPER-T, SEMI-AUTOMATIC WATER FILTER WITH SCANAWAY 130 MICRON FILTER ELEMENT PER CITY OF ROSEVILLE CONSTRUCTION STANDARDS. INSTALL PER MANUFACTURER SPECIFICATIONS.	
TESCO	TESCO PEDESTAL: ELECTRICAL PEDESTAL. SEE ELECTRICAL PLANS.	
WM	WATER METER: 1" RECYCLED PER CIVIL PLANS.	
---	IRRIGATION LATERAL LINE: PVC SCHEDULE 40	
---	IRRIGATION MAINLINE: PVC SCHEDULE 40	
---	PIPE SLEEVE: PVC SCHEDULE 40. INSTALL SLEEVES TWICE THE DIAMETER OF THE PIPE. EXTEND 12" MINIMUM PAST HARDSCAPE EDGES. SEE PLANS.	
---	CONDUIT: PVC SCHEDULE 40. 2" MIN. DIAMETER FOR LOW VOLTAGE WIRING	

#	Valve Callout	Plant Type
●	Valve Number	S - Shrub
○	Valve Flow	TR - Tree
○	Valve Size	TU - Turf
○	Hydrozone Area	HYD - Hydroseed Area
○	Plant Type	BIO - Bioremediation Sod

WATER AUDIT NOTE:
CONTRACTOR IS REQUIRED TO PROVIDE THE CITY OF ROSEVILLE A LANDSCAPE IRRIGATION AUDIT PERFORMED BY A 3RD PARTY CERTIFIED LANDSCAPE IRRIGATION AUDITOR. THE AUDIT MUST MEET CURRENT MWEO MANDATES. SEE PARKS CONSTRUCTION STANDARDS FOR ADDITIONAL INFORMATION.

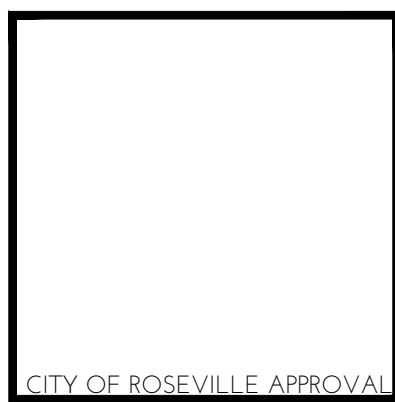
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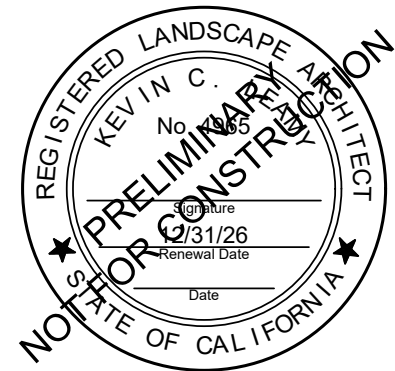
ROCKY
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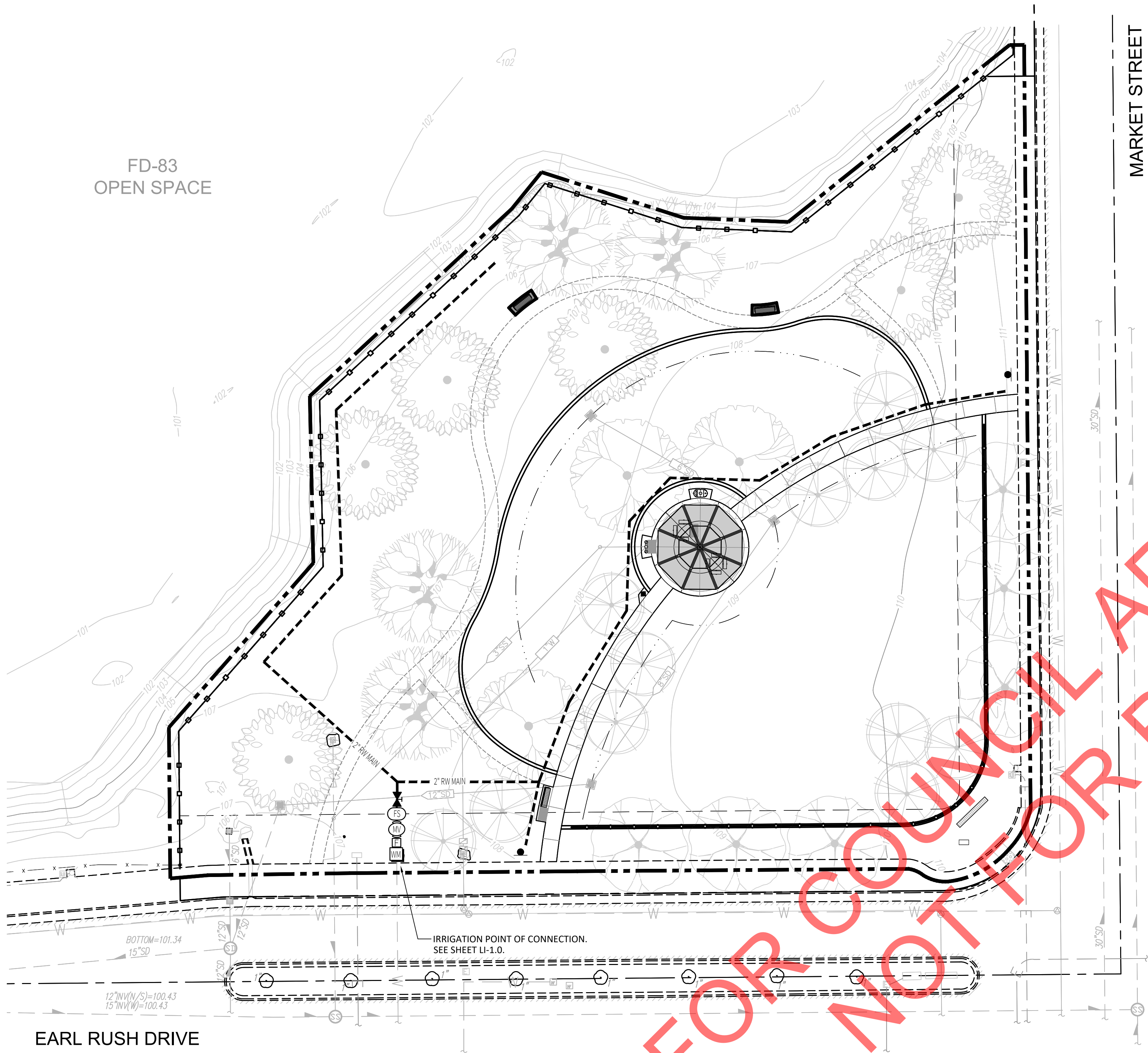
SHEET TITLE:

LANDSCAPE
IRRIGATION
PLAN & LEGEND

SHEET

LI-1.0

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FOR COUNCIL APPROVAL
NOT FOR BIDDING

MARKET STREET

EARL RUSH DRIVE

IRRIGATION SYSTEM NOTE

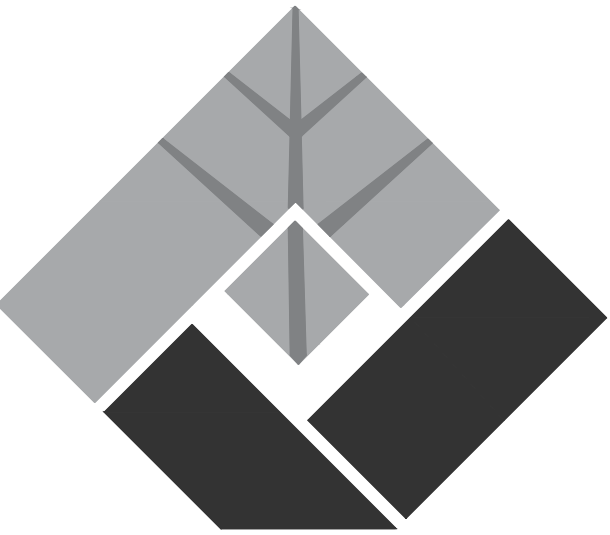
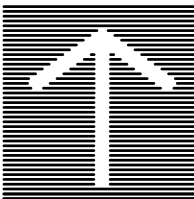
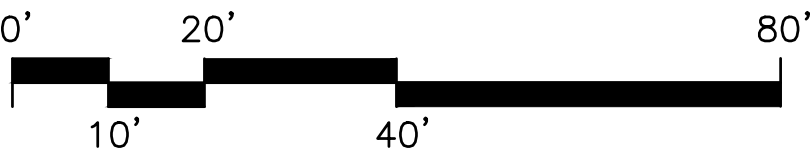
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Applicant Signature: [Signature] License #: 4966 Date: 10.30.2024

SCALE: 1" = 20'-0"



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JOB NO. : CRV: 24071



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

REVISIONS

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DATE

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DRAWN :

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SCALE :

1"=20'-0"

SHEET TITLE:

LANDSCAPE
IRRIGATION PLAN -
MAINLINE LAYOUT

SHEET

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CITY OF ROSEVILLE RECYCLED WATER NOTES

1.

THE INSTALLATION OF THE RECYCLED WATER SYSTEM SHALL CONFORM TO THE REGULATIONS FOR THE CONSTRUCTION OF RECYCLED WATER SYSTEMS WITHIN THE CITY OF ROSEVILLE AND THE ACCOMPANYING PLANS AND SPECIFICATIONS.
2.

ALL ON-SITE RECYCLED AND POTABLE WATER PIPING INSTALLED ON THIS PROJECT SHALL BE IDENTIFIED IN ACCORDANCE WITH THE CITY OF ROSEVILLE CONSTRUCTION STANDARDS FOR RECYCLED WATER INFRASTRUCTURE AND THE IRRIGATION SPECIFICATIONS.
3.

CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT SHALL BE NOTIFIED TWO DAYS PRIOR TO THE START OF CONSTRUCTION AT (916) 774-5750 AND EACH WORKDAY THEREAFTER UNTIL COMPLETION OF THE PROJECT FOR COMMERCIAL IRRIGATION SYSTEMS. CITY OF ROSEVILLE PARKS DEPARTMENT SHALL BE NOTIFIED TWO DAYS PRIOR TO THE START OF CONSTRUCTION AT (916) 746-1758 FOR LANDSCAPE CORRIDORS AND PARKS. A PRE-CONSTRUCTION MATERIALS INSPECTION MUST BE ARRANGED PRIOR TO THE START OF CONSTRUCTION.
4.

NO FACILITY IS TO BE BACKFILLED UNTIL INSPECTED BY THE CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES DEPARTMENT AND/OR PARKS DEPARTMENT INSPECTOR.
5.

ALL RECYCLED WATER INFRASTRUCTURE, BOTH ON-SITE AND OFF-SITE SHALL BE INSPECTED BY CITY OF ROSEVILLE ENVIRONMENTAL UTILITIES AND/OR PARKS DEPARTMENT. FOR INSPECTION OF RECYCLED WATER SYSTEM CONTACT ENVIRONMENTAL UTILITIES AT 774-5750 FORTY- EIGHT (48) HOURS IN ADVANCE. POINTS OF INSPECTION ARE:

a.

PRE-CONSTRUCTION MATERIALS INSPECTION.

b.

IRRIGATION SYSTEM INSTALLATION BEFORE LINES ARE COVERED.

c.

PRESSURE TESTING.

d.

SYSTEM CROSS CONNECTION CONTROL TEST.

e.

SYSTEM COVERAGE TEST.
6.

ALL RECYCLED WATER PIPING SHALL BE PURPLE COLORED PVC UNLESS OTHERWISE SPECIFIED. WHERE PURPLE PVC IS NOT USED, PIPE SHALL BE IDENTIFIED (MARKED) IN ACCORDANCE WITH THE CITY OF ROSEVILLE CONSTRUCTION STANDARDS.
7.

MARKING ON THE PURPLE COLORED PVC PIPE SHALL INLCUDE THE FOLLOWING:

"CAUTION: RECYCLED WATER - DO NOT DRINK". NOMINAL PIPE SIZE. PVC - 1120. PRESSURE RATING IN POUNDS PER SQUARE INCH AT 73 DEGREES. ASTM DESIGNATIONS SUCH AS 1785, 2241, 1672, 3139. PRINTING SHALL BE PLACED CONTINUOUSLY ON TWO SIDES OF THE PIPE.
8.

ALL RECYCLED WATER SPRINKLER CONTROL VALVES, VALVE RISERS AND SWING JOINTS SHALL BE TAGGED WITH IDENTIFICATION TAGS OR ADHESIVE LABELS.

a.

TAGS SHALL BE WEATHERPROOF PLASTIC, 3"x4", PURPLE COLOR WITH THE WORDS "WARNING: RECYCLED WATER - DO NOT DRINK" IMPRINTED ON ONE SIDE AND "AVISA: AGUA IMPURA - NO TOMAR" ON THE OTHER SIDE. IMPRINTING SHALL BE PERMANENT AND BLACK IN COLOR. USE TAGS AS MANUFACTURED BY T. CHRISTY ENTERPRISES OR APPROVED EQUAL.

b.

ONE TAG SHALL BE ATTACHED TO EACH VALVE AS FOLLOWS:

1.

ATTACH TO VALVE STEM DIRECTLY OR WITH PLASTIC TIE-WRAP, OR

2.

ATTACH TO SOLENOID WIRE DIRECTLY OR WITH PLASTIC TIE-WRAP.

c.

RECYCLED WATER WARNING LABELS OR STICKERS THAT ARE CONSISTENT WITH CITY OR ROSEVILLE CONSTRUCTION STANDARDS FOR RECYCLED WATER INFRASTRUCTURE AND THE IRRIGATION SPECIFICATIONS MUST BE ATTACHED TO ALL PIPING NOT IN COMPLIANCE.

d.

ALL SPRINKLER HEADS MUST BE DESIGNED FOR RECYCLED WATER USAGE, WITH PURPLE RECYCLED WATER WARNING CAPS.

e.

SPRINKLER RISERS AND SWING JOINTS SHALL BE IDENTIFIED WITH PURPLE ADHESIVE 3"x3" LABELS. EACH LABEL SHALL STATE "RECYCLED WATER - DO NOT DRINK" IN ENGLISH AND SPANISH.
9.

ALL RECYCLED WATER CONTROL VALVE BOXES SHALL BE PURPLE AND HAVE A WARNING LABEL PERMANENTLY MOLDED INTO OR AFFIXED ONTO THE LID WITH RIVETS, BOLTS, ETC. WARNING LABELS SHALL BE CONSTRUCTED OF A PURPLE WEATHERPROOF MATERIAL WITH THE WARNING PERMANENTLY STAMPED OR MOLDED INTO THE LABEL. THE WARNING SHALL CONTAIN THE FOLLOWING INFORMATION:

a.

"NON-POTABLE" OR "RECYCLED WATER"

b.

"DO NOT DRINK" IN ENGLISH AND SPANISH.
10.

RECYCLED WATER QUICK COUPLING VALVES SHALL HAVE A PURPLE RUBBER OR VINYL COVER. THE COVER SHALL BE OF A LOCKING TYPE AND HAVE A WARNING PERMANENTLY STAMPED OR MOLDED AS FOLLOWS: "RECYCLED WATER - DO NOT DRINK" IN ENGLISH AND SPANISH.
11.

PLASTIC WARNING TAPE SHALL BE USED ON ALL POTABLE WATER PIPING, POTABLE WATER WARNING TAPE SHALL BE A MINIMUM OF 3" WIDE AND SHALL RUN CONTINUOUSLY FOR THE ENTIRE LENGTH OF EACH LINE. THE TAPE SHALL BE ATTACHED TO THE TOP OF THE PIPE WITH NYLON TIE-WRAP BANDED AROUND THE WARNING TAPE AND THE PIPE EVERY FIVE FEET ON CENTER. WARNING TAPE FOR THE POTABLE WATER PIPING SHALL BE BLUE IN COLOR WITH WORDS "CAUTION: POTABLE WATER LINE BURIED BELOW" IMPRINTED IN MINIMUM 1" HIGH LETTERS, BLACK IN COLOR. IMPRINTING SHALL BE CONTINUOUS AND PERMANENT.
12.

ALL PRESSURE MAIN LINE PIPING FROM THE RECYCLED WATER SYSTEM SHALL BE INSTALLED TO MAINTAIN 10 FEET MINIMUM HORIZONTAL SEPARATION FROM ALL POTABLE WATER PIPING. WHERE RECYCLED AND POTABLE WATER PRESSURE MAIN LINE PIPING CROSS, THE RECYCLED WATER PIPING SHALL BE INSTALLED 12" BELOW THE POTABLE WATER PIPING OD TO OD. WHERE THE RECYCLED WATER PRESSURE MAIN LINE MUST PASS ABOVE POTABLE WATER PIPING, THE RECYCLED WATER PIPING SHALL BE INSTALLED IN A CLASS 200 PURPLE COLORED PVC SLEEVE WHICH EXTENDS A MINIMUM OF FIVE FEET ON EITHER SIDE OF THE POTABLE WATER PIPING. A 12" VERTICAL SEPARATION OD TO OD MUST BE MAINTAINED. CONVENTIONAL (WHITE) PVC PIPE MAY BE USED FOR SLEEVING MATERIAL IF IT IS TAPED WITH 3" WIDE PURPLE WARNING TAPE WHICH READS "RECYCLED WATER - DO NOT DRINK".
13.

ALL PRESSURE MAIN LINE PIPING FROM THE RECYCLED WATER SYSTEM SHALL BE INSTALLED TO MAINTAIN A 10' MINIMUM HORIZONTAL SEPARATION FROM ALL SANITARY SEWER LINES. WHERE RECYCLED WATER AND SEWER CROSS, THE RECYCLED WATER PIPING SHALL BE INSTALLED A MINIMUM OF ONE FOOT ABOVE THE SEWER LINE.
14.

FOR ON-SITE RECLAIMED WATER PIPING, THE MINIMUM DEPTH FROM FINISH GRADE TO TOP OF PIPE SHALL BE AS FOLLOWS:

a.

INTERMITTENT PRESSURE LINES (ALL SIZES).....12"

b.

CONSTANT PRESSURE LINES 2.5" AND SMALLER.....18"

c.

CONSTANT PRESSURE LINES 3" AND LARGER.....24"
15.

PRESSURE AND CROSS CONNECTION TESTING FOR ON-SITE RECYCLED WATER SYSTEMS

a.

ALL TESTING OF RECYCLED WATER SYSTEMS MUST BE PERFORMED UTILIZING A POTABLE WATER SOURCE VIA A CONSTRUCTION WATER CONNECTION PER CITY OF ROSEVILLE CONSTRUCTION STANDARDS. NO RECYCLED WATER MAY ENTER A RECYCLED WATER SYSTEM UNTIL ALL TESTING IS SUCCESSFULLY COMPLETED.

b.

THE SOURCE OF POTABLE WATER USED FOR TESTING MUST HAVE A METER AND AN APPROVED BACKFLOW PREVENTION DEVICE. THESE CAN BE OBTAINED THROUGH THE CITY OF ROSEVILLE.

c.

THE CONTRACTOR SHALL PROVIDE A MEANS TO PLUMB IN PRESSURE AND CROSS TESTING APPARATUS AT THE POINT OF HIGHEST ELEVATION FOR BOTH POTABLE AND CONSTANT PRESSURE RECYCLED WATER SYSTEMS.

d.

THE CONSTANT PRESSURE RECYCLED WATER SYSTEM INCLUDING ALL APPURTENANCES SHALL BE TESTED AT 125 PSI AT HIGHEST POINT OF ELEVATION FOR 1 HOUR WITH NO DETECTABLE LEAKAGE.

e.

PRESSURE TESTING MUST BE SUCCESSFULLY COMPLETED PRIOR TO CROSS CONNECTION TESTING.

f.

THE RECYCLED WATER SYSTEM SHALL BE TESTED FOR CROSS CONNECTION IN ACCORDANCE WITH UNIFORM PLUMBING CODE APPENDIX J PRIOR TO USE.

g.

FOR PROJECTS BEING PERFORMED IN PHASES, A CROSS CONNECTION TEST SHALL BE PERFORMED ON EACH PHASE INDEPENDENTLY BEFORE IT IS PUT INTO SERVICE. THE POTABLE WATER SOURCE USED FOR TESTING EACH PHASE MUST BE INDEPENDENT OF OTHER PREVIOUSLY COMPLETED PHASES.

h.

AT THE TIME A CROSS CONNECTION TEST IS TO BE PERFORMED, CONSTRUCTION ON BOTH THE POTABLE AND THE RECYCLED WATER SYSTEMS BEING TESTED MUST BE COMPLETE AND BOTH SYSTEMS FULLY OPERATIONAL AND FUNCTIONING AS DESIGNED.

i.

CROSS CONNECTION TESTING SHALL BE PERFORMED ON THE SYSTEM BY CITY FORCES WITH THE ASSISTANCE OF THE CONTRACTOR. THE TEST WILL BE COORDINATED THROUGH THE ENVIRONMENTAL UTILITIES OR PARKS DEPARTMENT INSPECTOR. FORTY-EIGHT (48) HOURS NOTICE IS REQUIRED BEFORE THE TEST. DEPENDING ON THE COMPLEXITY OF THE SITE, A PRELIMINARY FIELD MEET MAY ALSO BE REQUIRED.
16.

COVERAGE TEST:

ADJUST SPRAY HEADS TO ELIMINATE OVERSPRAY ONTO NATIVE OAK AREAS AND INTO AREAS NOT UNDER THE CONTROL OF THE CUSTOMER. FOR EXAMPLE: POOL DECKS, PRIVATE PATIOS, STREETS AND SIDEWALKS.
17.

METER INSTALLATION:

ONCE THE ON-SITE RECYCLED WATER SYSTEM HAS BEEN PROPERLY INSPECTED AND PASSED PRESSURE AND CROSS CONNECTION TESTING, A METER MAY BE INSTALLED. THE METER MUST BE PURCHASED FROM THE CITY OF ROSEVILLE AND INSTALLED BY CITY FORCES. COORDINATE METER PURCHASE AND INSTALLATION WITH THE ENVIRONMENTAL UTILITIES OR PARKS DEPARTMENT INSPECTOR.
18.

NO CONNECTION SHALL BE MADE TO THE CITY'S EXISTING RECYCLED WATER SYSTEM UNTIL THE NEW FACILITIES HAVE BEEN SUCCESSFULLY PRESSURE AND CROSS CONNECTION TESTED. TAPS TO THE EXISTING RECYCLED SYSTEM WILL BE MADE BY CITY FORCES ONLY.
19.

FAILURE TO COMPLY WITH ANY OR ALL OF THE ABOVE GUIDELINES VIOLATES THE CITY OF ROSEVILLE DESIGN AND CONSTRUCTION STANDARDS FOR RECYCLED WATER INFRASTRUCTURE AND WILL RESULT IN TERMINATION OF SERVICE UNTIL THE APPROPRIATE CORRECTIVE STEPS HAVE BEEN TAKEN.
20.

RECYCLE WATER WARNING/INFORMATION SIGN SHALL BE LOCATED AT ALL ACCESS POINTS TO THE AREA OF RECYCLED WATER USE. SIGNS SHALL ALSO BE PLACED ALONG FRONTAGE ROADS AT INTERVALS OF EVERY 500 FEET OR LESS. THE SIGNS SHALL BE INSTALLED IN ACCORDANCE WITH THE CONSTRUCTION STANDARDS HEREIN AND AS REQUIRED BY THE ENVIRONMENTAL UTILITIES DIRECTOR.

GENERAL IRRIGATION NOTES

1.

ALL POP-UP TYPE SPRINKLER HEADS INSTALLED IN SHRUB OR GROUND COVER AREAS SHALL BE INSTALLED SO THAT THE TOP OF THE SPRINKLER HEAD IS 1" ABOVE FINISH GRADE.
2.

ALL POP-UP TYPE SPRINKLER HEADS INSTALLED IN TURF AREAS SHALL BE INSTALLED SO THAT THE TOP OF THE SPRINKLER HEAD IS FLUSH WITH ADJACENT SIDEWALK OR CURB.
3.

ALL SPRINKLER HEADS SHALL BE SET PERPENDICULAR TO FINISH GRADE OF THE AREA TO BE IRRIGATED UNLESS OTHERWISE DESIGNATED ON THE PLANS.
4.

ALL SPRINKLERS SHALL BE INSTALLED WITH A 'CHECK VALVE' TO PREVENT DRAINAGE FROM SPRINKLER HEAD WHEN THE SPRINKLER IS OFF. DRAINAGE OF IRRIGATION WATER THROUGH SPRINKLER HEADS WILL NOT BE ALLOWED.
5.

THE SPRINKLER SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE OF 65 PSI AND THE MAXIMUM FLOW OF 29.0 GPM AS SHOWN ON THE IRRIGATION DRAWINGS AT THE METER OR POINT OF CONNECTION. THE IRRIGATION CONTRACTOR SHALL VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THAT PRESSURE DIFFERENCES ARE NOT REPORTED PRIOR TO THE START OF CONSTRUCTION, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
6.

120 VOLT ELECTRICAL POWER OUTLET AT THE AUTOMATIC CONTROLLER LOCATION SHALL BE PROVIDED BY OTHERS. IT SHALL BE THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO MAKE THE FINAL HOOK-UP FROM THE ELECTRICAL OUTLET TO THE AUTOMATIC CONTROLLER.
7.

THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC. SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS. AVOID ANY CONFLICTS BETWEEN THE SPRINKLER SYSTEM, PLANTING AND ARCHITECTURAL FEATURES.
8.

THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER-SPRAY ONTO WALKS, ROADWAYS AND/OR BUILDINGS AS MUCH AS POSSIBLE. THIS SHALL INCLUDE SELECTING THE BEST DEGREE OF ARC TO FIT THE EXISTING SITE CONDITIONS AND TO THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH SYSTEM.
9.

DO NOT WILLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED IN THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S AUTHORIZED REPRESENTATIVE. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
10.

INSTALL ALL PIPE MATERIALS AND EQUIPMENT AS SHOWN IN THE DETAILS. USE TEFLON TAPE OR TEFLON PIPE DOPE ON ALL PVC MALE PIPE THREADS ON ALL SPRINKLER SWING JOINT AND VALVE ASSEMBLIES.
11.

IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, ETC. HE SHALL COORDINATE HIS WORK WITH THE GENERAL CONTRACTOR AND OTHER SUB- CONTRACTORS FOR THE LOCATION AND THE INSTALLATION OF PIPE SLEEVES THROUGH WALLS, UNDER ROADWAYS, PAVING, STRUCTURES, ETC.
12.

IN ADDITION TO THE CONTROL WIRE SLEEVES SHOWN ON THE DRAWINGS, THE IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF CONTROL WIRE SLEEVES OF SUFFICIENT SIZE UNDER ALL OTHER PAVED AREAS.
13.

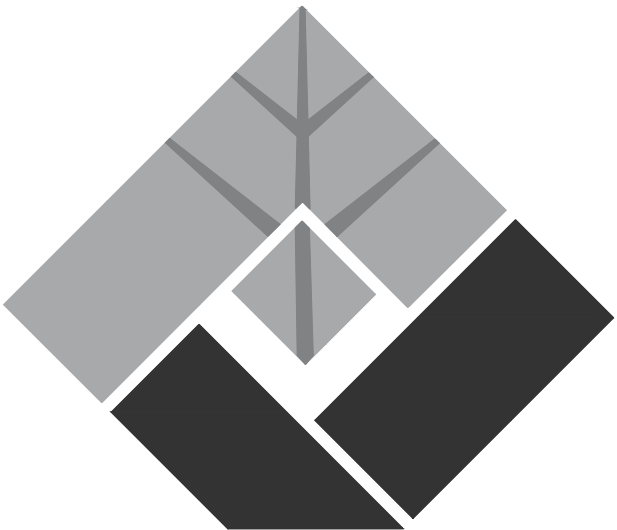
IN ADDITION TO THE CONTROL WIRE NECESSARY FOR THE REMOTE CONTROL VALVES SHOWN ON THE DRAWING, THE CONTRACTOR SHALL PROVIDE A MINIMUM OF EIGHTEEN (18) INCHES OF A COMPLETE SET OF SPARE CONTROL WIRES, LOOPED, WITHIN EACH VALVE BOX.
14.

CONTRACTOR SHALL PROGRAM IRRIGATION CONTROLLER TO OPERATE AS FOLLOWS POST-CONSTRUCTION: SPRAY VALVES SHALL ONLY BE TURNED ON BETWEEN THE HOURS OF 10:00 P.M. AND 6:00 A.M. BUBBLER AND DRIP VALVES CAN OPERATE AT ANY TIME.
15.

PER MWEL0, IRRIGATION HEADS MUST BE PLACED SO THAT HARDSCAPED AREAS DRAIN TOWARD LANDSCAPED AREAS, AND WITH NO OVERSPRAY. OTHERWISE A SETBACK FROM HARDSCAPE OF 24" MINIMUM IS REQUIRED.
16.

ALL LANDSCAPE AUDITS SHALL BE CONDUCTED BY A THIRD PARTY CERTIFIED LANDSCAPE IRRIGATION AUDITOR.
17.

THE PROJECT APPLICANT SHALL SUBMIT AN IRRIGATION AUDIT REPORT WITH THE CERTIFICATE OF COMPLETION TO THE RESPONSIBLE LOCAL AGENCY PER WELO REQUIREMENTS.



FUHRMAN LEAMY
LAND GROUP
DESIGN • SERVICE • SOLUTIONS

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JOB NO. : CRV: 240701



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

REVISIONS		DATE
△		
△		
△		
△		
ISSUE		DATE
①	1ST SUBMITTAL	12.11.2024
②	2ND SUBMITTAL	2.24.2025
③		
④		
⑤		



DRAWN : AM
CHECKED : KCL
SCALE : AS SHOWN

SHEET TITLE:

LANDSCAPE
IRRIGATION
NOTES

SHEET

LI-2.0

FUHRMAN LEAMY LAND GROUP HEREBY EXPRESSLY RESERVES ITS COMMON LAW, COPYRIGHT AND OTHER PROPERTY RIGHTS IN THESE PLANS. THESE PLANS AND DRAWINGS ARE NOT TO BE REPRODUCED, CHANGED, OR COPIED IN ANY FORM OR MANNER WHATSOEVER WITHOUT FIRST OBTAINING THE EXPRESS WRITTEN PERMISSION OF FUHRMAN LEAMY LAND GROUP NOR ARE THEY TO BE ASSIGNED TO ANY THIRD PARTY WITHOUT FIRST OBTAINING WRITTEN PERMISSION AND CONSENT.

WATER EFFICIENT LANDSCAPE WORKSHEET

PROJECT: FD-51 PARK
LOCATION: ROSEVILLE, CA
JOB#: CRV: 24071
DATE: 2.24.2025



Appendix B

This worksheet is filled out by the project applicant and it is a required element of the Landscape Documentation Package.

Reference Evapotranspiration (ETo)			52.2				
Hydrozone # /Planting Description ^a	Plant Factor (PF)	Irrigation Method ^b	Irrigation Efficiency (IE) ^c	ETAF (PF/IE)	Landscape Area (sq. ft.)	ETAF x Area	Estimated Total Water Use (ETWU) ^d

Regular Landscape Areas							0
Totals							0.00

Special Landscape Areas							
H1	Shrub/GC			1	1,270	1270.00	41102
H2	CS Turf			1	2,820	2820.00	91266
H3	CS Turf			1	2,820	2820.00	91266
H4	CS Turf			1	2,820	2820.00	91266
H5	CS Turf			1	2,820	2820.00	91266
H6	Tree			1	70	70.00	2265
H7	CS Turf			1	2,490	2490.00	80586
H8	CS Turf			1	2,490	2490.00	80586
H9	Tree			1	90	90.00	2913
H10	Tree			1	60	60.00	1942
H11	CS Turf			1	2,490	2490.00	80586
H12	Shrub/GC			1	1,400	1400.00	45310
H13	Tree			1	90	90.00	2913
Totals							703270

Non Irrigated Landscape Areas							
Water Feature				1	0		
Non Irrigated					0		
Totals							0

ETWU Total							703270
							703270

* Hydrozone #/Planting Descrip.	^b Irrigation Method	^c Irrigation Efficiency	^d ETWU (Annual Gallons Required) = Eto x 0.62 x ETAF x Area
E.g. 1.) front lawn 2.) low water use plantings 3.) medium water use planting	overhead spray or drip	0.75 for spray head 0.81 for drip	w here 0.62 is a conversion factor that converts acre-inches per acre per year to gallons per square foot per year.

*MAWA (Annual Gallons Allowed) = (Eto) (0.62) [(ETAF x LA) + ((1-ETAF) x SLA)]			
w here 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, SLA is the total special landscape area in square feet, and ETAF is .55 for residential areas			

ETAF Calculations

Regular Landscape Areas			
Total ETAF x Area	0	Average ETAF for Regular Landscape Areas must be 0.55 or below for residential areas, and 0.45 or below for non-residential	
Total Area	0		
Average ETAF			

All Landscape Areas		
Total ETAF x Area	21730	
Total Area	21,730	
Sitewide ETAF	1.00	

MWEO CERTIFICATE OF COMPLETION

THE FOLLOWING LANDSCAPE DOCUMENTATION IS TO BE SUBMITTED TO THE BUILDING INSPECTOR AT TIME OF FINAL INSPECTION:

CERTIFICATE OF COMPLETION:	COMPLETED BY PROPERTY OWNER
CERTIFICATE OF INSTALLATION:	COMPLETED BY LANDSCAPE ARCHITECT OR LICENSED LANDSCAPE CONTRACTOR
SCHEDULE OF LANDSCAPE MAINTENANCE:	SEE IRRIGATION PLANS FOR LANDSCAPE MAINTENANCE SCHEDULES
SOIL MANAGEMENT REPORT:	SEE PLANTING PLANS FOR SOILS REPORT
LANDSCAPE AUDIT REPORTS:	PREPARED BY A CERTIFIED LANDSCAPE IRRIGATION AUDITOR

IRRIGATION SCHEDULE - COMMERCIAL

PROJECT: FD-51 PARK
LOCATION: ROSEVILLE, CA
JOB#: CRV: 24071
DATE: 2.24.2025



CONTROLLER: H								ESTABLISHMENT PERIOD												MAINTENANCE PERIOD														
VALVE	GPM	Landscape Area (S.F.)	PLANT TYPE	WATER USE	IRRIGATION METHOD	WATERING DAYS/WK	MAX RUN TIME/CYCLE	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEP	OCT	NOV	DEC	PER VALVE		
								MONTHLY ETO												MONTHLY ETO												PR (In/Yr)	MAWA (Gal/Yr)	ETWU (Gal/Yr)
								1.1	1.7	3.1	4.7	6.2	7.7	8.5	7.3	5.6	3.7	1.7	1	1.1	1.7	3.1	4.7	6.2	7.7	8.5	7.3	5.6	3.7	1.7	1			
								RUN TIME IN MINUTES/DAY												RUN TIME IN MINUTES/DAY														
H1	7.9	1,270	Shrub/GC	Low	Bubblers/Drip	3	10.02	4	6	11	17	23	28	31	27	20	13	6	4	3	5	9	13	17	22	24	20	16	10	5	3	17.14	41102	41102
H2	22.3	2,820	CS Turf	High	Stream Spray/Rotors	5	7.88	5	8	15	23	31	38	42	36	28	18	8	5	4	6	12	18	24	29	32	28	21	14	6	4	30.31	91266	91266
H3	23.7	2,820	CS Turf	High	Stream Spray/Rotors	5	7.42	5	8	14	22	29	36	39	34	26	17	8	5	4	6	11	17	22	28	30	26	20	13	6	4	30.31	91266	91266
H4	26.9	2,820	CS Turf	High	Stream Spray/Rotors	5	6.54	5	7	13	19	25	32	35	30	23	15	7	4	3	5	10	15	20	24	27	23	18	12	5	3	30.31	91266	91266
H5	28.8	2,820	CS Turf	High	Stream Spray/Rotors	5	6.10	4	6	12	18	24	29	32	28	21	14	6	4	3	5	9	14	18	23	25	21	16	11	5	3	30.31	91266	91266
H6	3.5	70	Tree	Low	Bubblers/Drip	3	1.25	0	1	1	2	3	3	4	3	3	2	1	0	0	1	1	2	2	3	3	3	2	1	1	0	17.14	2265	2265
H7	26.7	2,490	CS Turf	High	Stream Spray/Rotors	5	5.81	4	6	11	17	23	28	31	27	20	13	6	4	3	5	9	13	17	22	24	20	16	10	5	3	30.31	80586	80586
H8	21.8	2,490	CS Turf	High	Stream Spray/Rotors	5	7.12	5	8	14	21	28	34	38	33	25	16	8	4	4	6	11	16	21	26	29	25	19	13	6	3	30.31	80586	80586
H9	9.0	90	Tree	Med	Bubblers/Drip	4	0.62	0	0	1	1	2	2	2	2	2	1	0	0	0	0	1	1	1	2	2	2	1	1	0	0	21.67	2913	2913
H10	3.0	60	Tree	Low	Bubblers/Drip	3	1.25	0	1	1	2	3	3	4	3	3	2	1	0	0	1	1	2	2	3	3	3	2	1	1	0	17.14	1942	1942
H11	20.5	2,490	CS Turf	High	Stream Spray/Rotors	5	7.57	5	8	15	22	29	37	40	35	27	18	8	5	4	6	11	17	23	28	31	27	20	13	6	4	30.31	80586	80586
H12	10.3	1,400	Shrub/GC	Low	Bubblers/Drip	3	8.47	3	5	10	14	19	24	26	22	17	11	5	3	3	4	7	11	15	18	20	17	13	9	4	2	17.14	45310	45310
H13	9.0	90	Tree	Med	Bubblers/Drip	4	0.62	0	0	1	1	2	2	2	2	2	1	0	0	0	0	1	1	1	2	2	2	1	1	0	0	21.67	2913	2913
								ESTIMATED PLANTED AREA AVERAGE PRECIPITATION IN INCHES/YEAR												TOTAL # OF VALVES												13		

NON IRRIGATED LANDSCAPE AREA																													
	0	Water Feature	High	Water Feature	5																							0	0
	0	Non Irrigated		Non Irrigated																								0	
																								TOTAL # OF VALVES		0			

IRRIGATED LA		IRRIGATED SPECIAL LA		NON IRRIGATED		WATER DEMAND		MAWA = (YEARLY ETO) (0.62) [(0.45 x LA) + (0.55 x SLA)]		ETWU = (YEARLY ETO) (0.62) [(HA x Ka/IE) + SLA]	
SHRUB	0 S.F.	SHRUB	2,670 S.F.	WATER FEATURE	0 S.F.	Maximum Flow Demand	12 Gpm/Day				
ANNUALS	0 S.F.	TURF	18,750 S.F.	NON IRRIGATED	0 S.F.	Watering Window of	8 Hours				
TURF	0 S.F.	TREE	310 S.F.	SLA	0 S.F.	# of Watering Days/Wk - Turf	5 Days				
TREE	0 S.F.	EDIBLE	0 S.F.			# of Watering Days/Wk - Shrub	3 Days				
TEMP	0 S.F.	ACTIVE	0 S.F.								
HA	0 S.F.	SLA	21,730 S.F.	TOTAL AREA		SOILS	YEARLY ETO				
				21,730 S.F.		Texture	Day and Clay Loam	Roseville	52.2		

- NOTES:
- Run Time in Minutes/Day shall occur on each Watering Day per Week. Run Time = Weekly ETO*(60/PIE)*Watering Days
 - Any irrigation valve w hose Precipitation Rate (PR) exceeds the Soil Infiltration Rate (SIR), shall be programmed using the Cycle and Soak feature. Run times in minutes per day shall be divided into the necessary amount of cycles to avoid runoff. Do not exceed Max Cycle Time. Maximum Run Time per Cycle show n becomes invalid if there is a slope involved. Visual analysis in the field w ll be needed to determine Cycle time.
 - Any landscaped area graded to a slope of 10:1 or greater shall be programmed using the Cycle and Soak feature. Run times in minutes per day shall be divided in half for each cycle. Do not exceed Max Cycle Time.
 - Contrailers need to be programmed using multiple program features in order to obtain the maximum flow demand. If necessary, program multiple valves to run simultaneously so that the Maximum Flow Demand is met.
 - Establishment period is 6 months.
- ESTIMATED TOTAL WATER USE
- This estimate of water use is based on watering properly maintained, established plantings with a water use management plan in place. In providing this estimate of water use, it is recognized that Fuhrman Leamy Land Group does not have control over the maintenance of the landscaped areas or management of water use. This estimate of water use is based on ABI 881 requirements and Fuhrman Leamy Land Group's reasonable professional judgement and experience and does not constitute a warranty, express or implied, that the actual water use will not vary from this estimate.

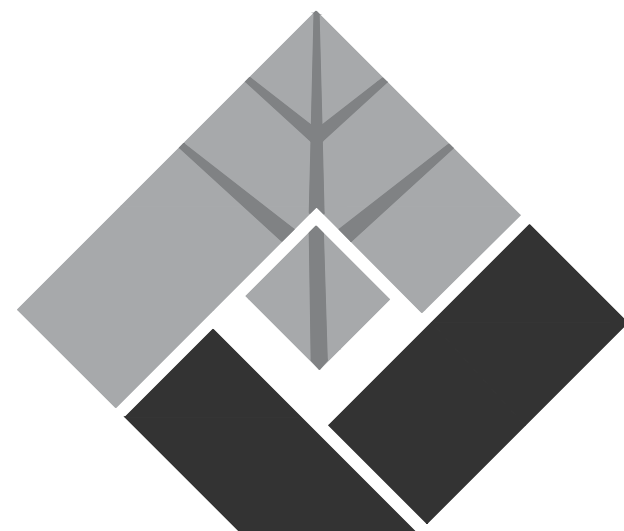
WATER EFFICIENT LANDSCAPE ORDINANCE

SUBMITTAL DOCUMENTATION COVERSHEET

PROJECT: FD-51 PARK
JOB#: CRV: 24071
DATE: 2.24.2025



CONTACT NAME: ANGELA MILLER		TITLE: LANDSCAPE DESIGNER			
COMPANY NAME: FUHRMAN LEAMY LAND GROUP		STREET ADDRESS: 2140 PROFESSIONAL DR., SUITE 115			
CITY, STATE, ZIP: ROSEVILLE, CA 95661		TELEPHONE #: 916.783.5263			
FAX #: N/A		EMAIL ADDRESS: angelam@llandgroup.com			
PROPERTY OWNER AND/OR REPRESENTATIVE					
CONTACT NAME: TARA GEE		TITLE: OWNER/REPRESENTATIVE			
COMPANY NAME: CITY OF ROSEVILLE		STREET ADDRESS: 316 VERNON STREET, SUITE 400			
CITY, STATE, ZIP: ROSEVILLE, CA 95678		TELEPHONE #: 916.774.5253			
FAX #: NA		EMAIL ADDRESS: Tgee@roseville.ca.us			
PROJECT					
STREET ADDRESS: EARL RUSH DRIVE & MARKET ST.		CITY, STATE, ZIP: ROSEVILLE, CA			
PARCEL, TRACT, OR LOT NUMBER: -		LATITUDE/LONGITUDE (Optional): -			
PROJECT TYPE: PARK		TOTAL LANDSCAPE AREA: 21,730 S.F.			
WATER SUPPLY TYPE: RECYCLED					
APPLICANT					
"I agree to comply with the requirements of the water efficient landscape ordinance and submit a complete landscape documentation package."					
Angela Miller		2.24.2025			
Applicant Signature		Date			



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LAND GROUP
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ROSEVILLE, CALIFORNIA 95661
916.783.5263 • FLLANDGROUP.COM

JOB NO. : CRV: 24071



PROJECT:

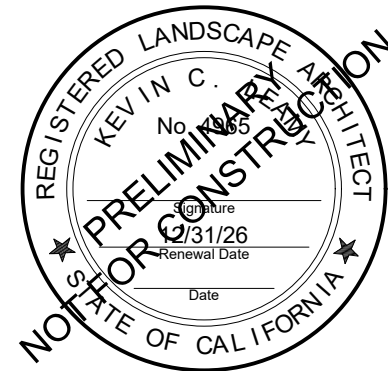
ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

REVISIONS		DATE
△		
△		
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ISSUE		DATE
①	1ST SUBMITTAL	12.11.2024
②	2ND SUBMITTAL	2.24.2025
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CHECKED : KCL
SCALE : AS SHOWN

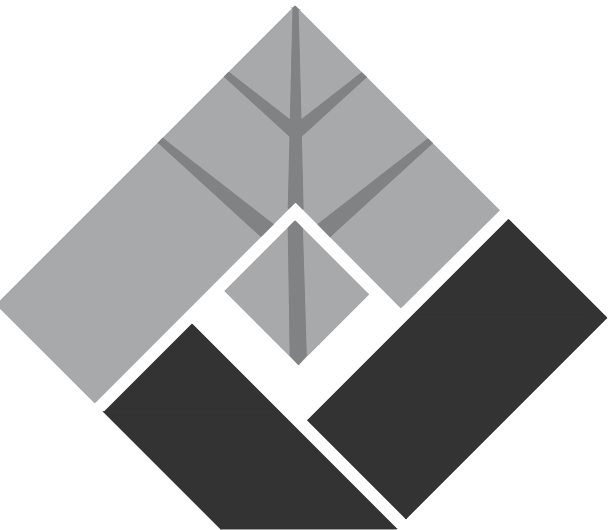
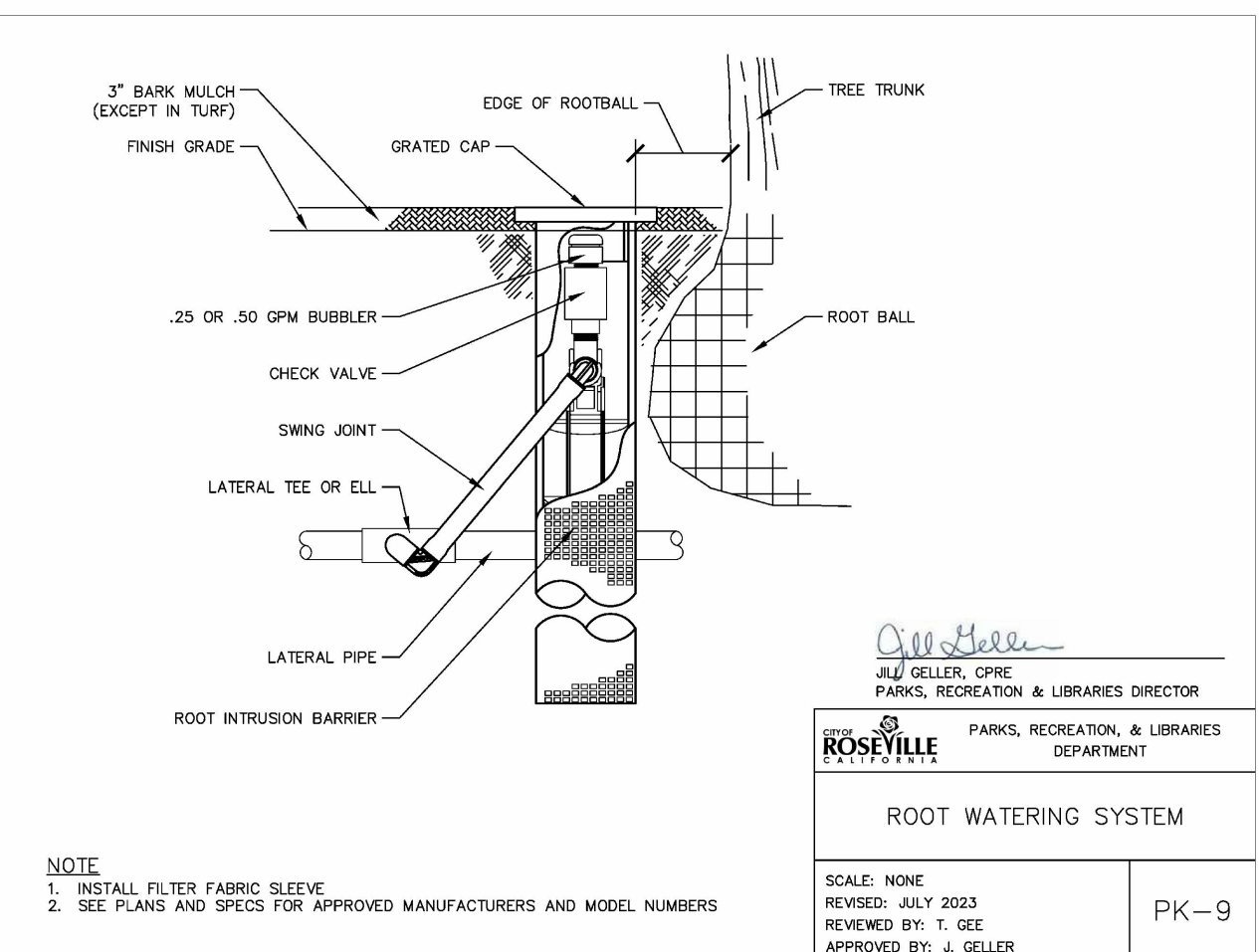
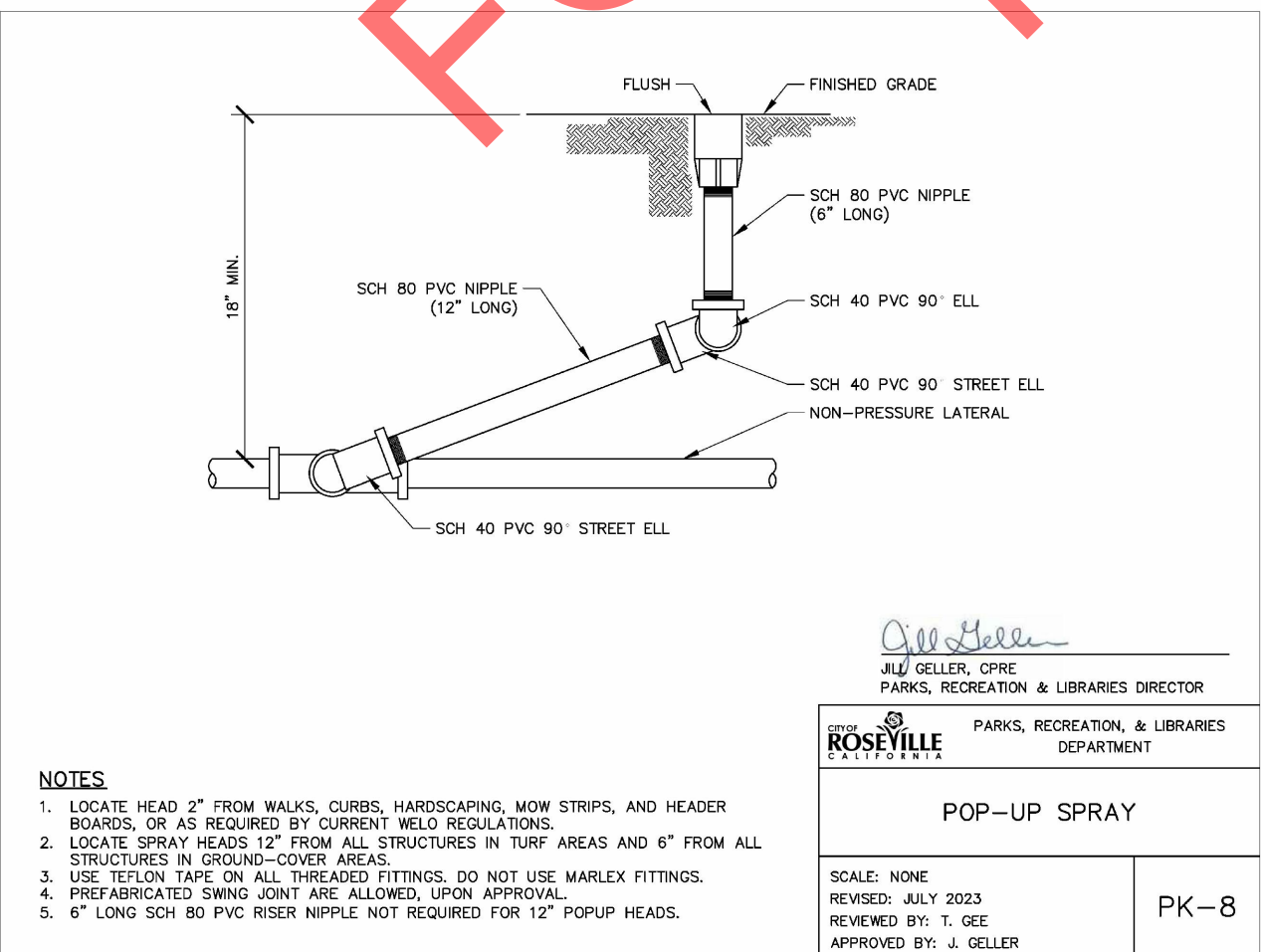
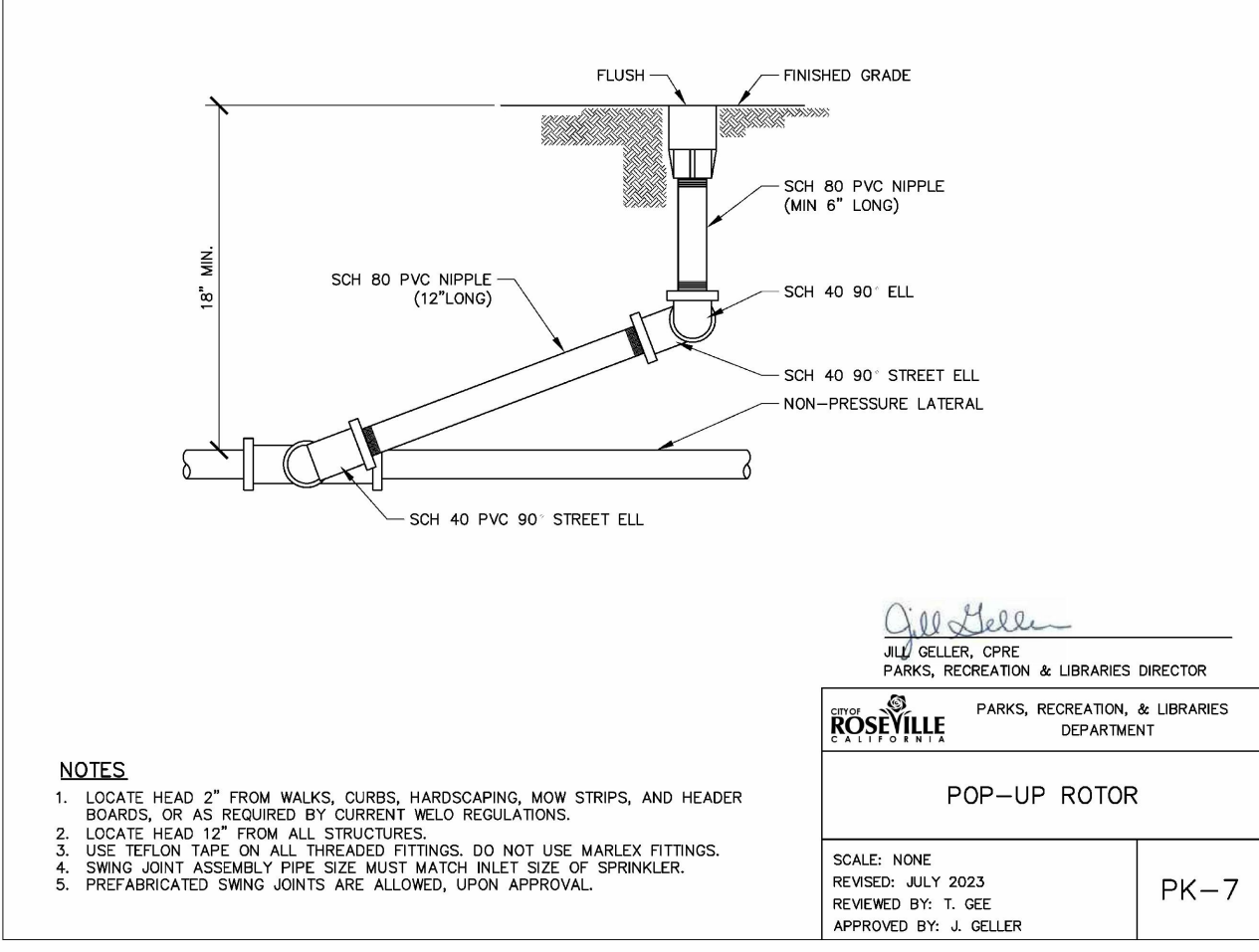
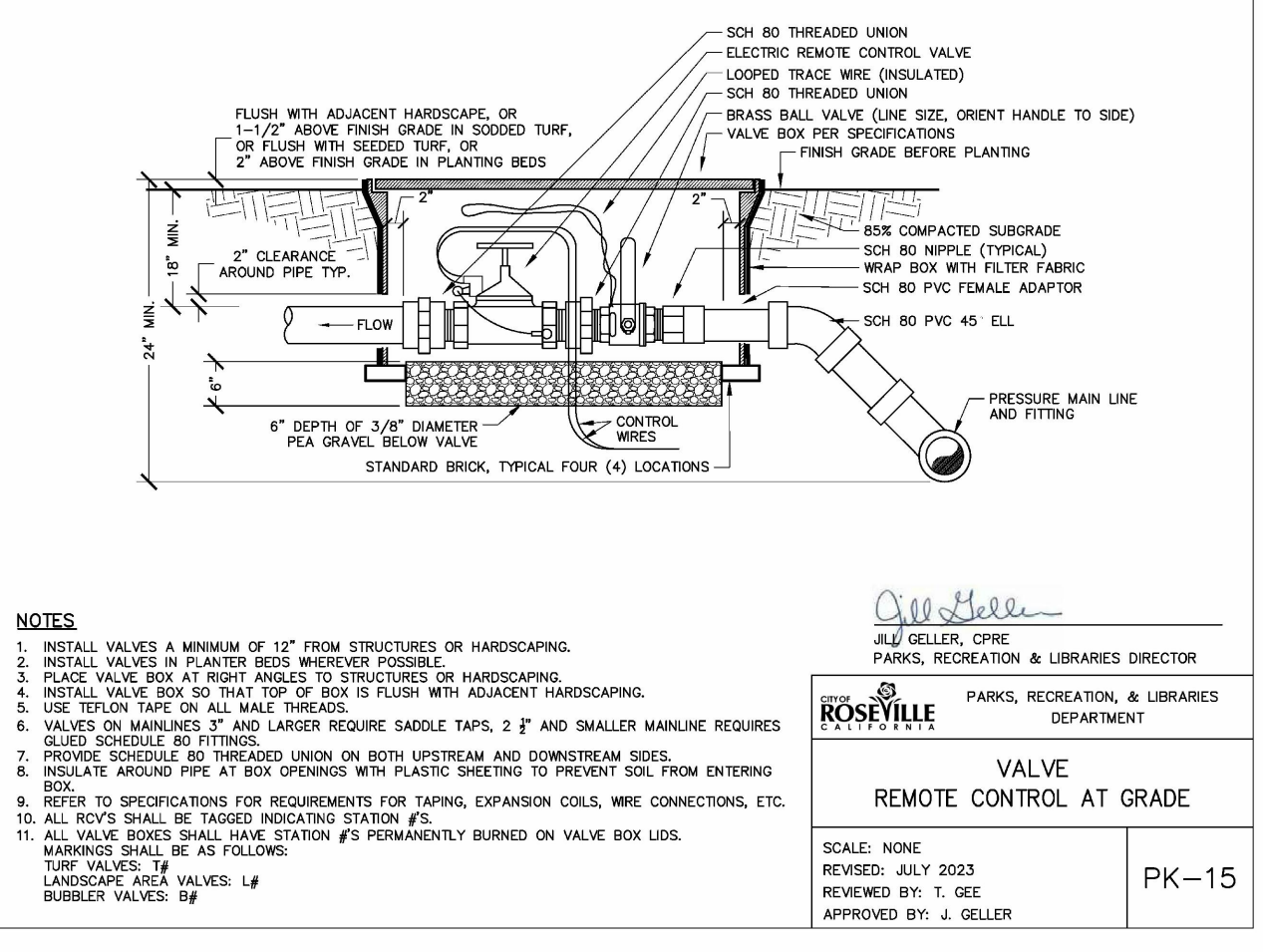
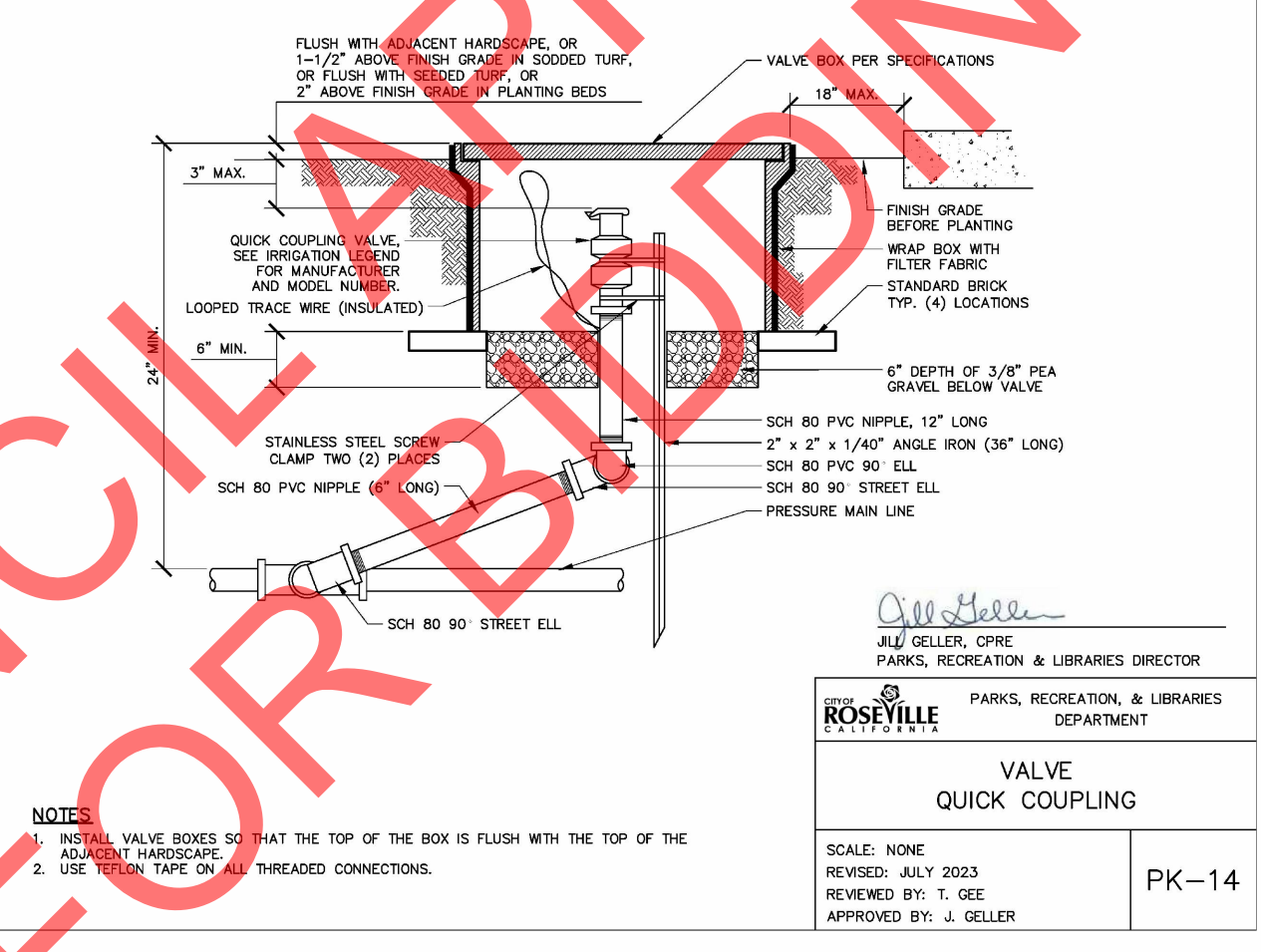
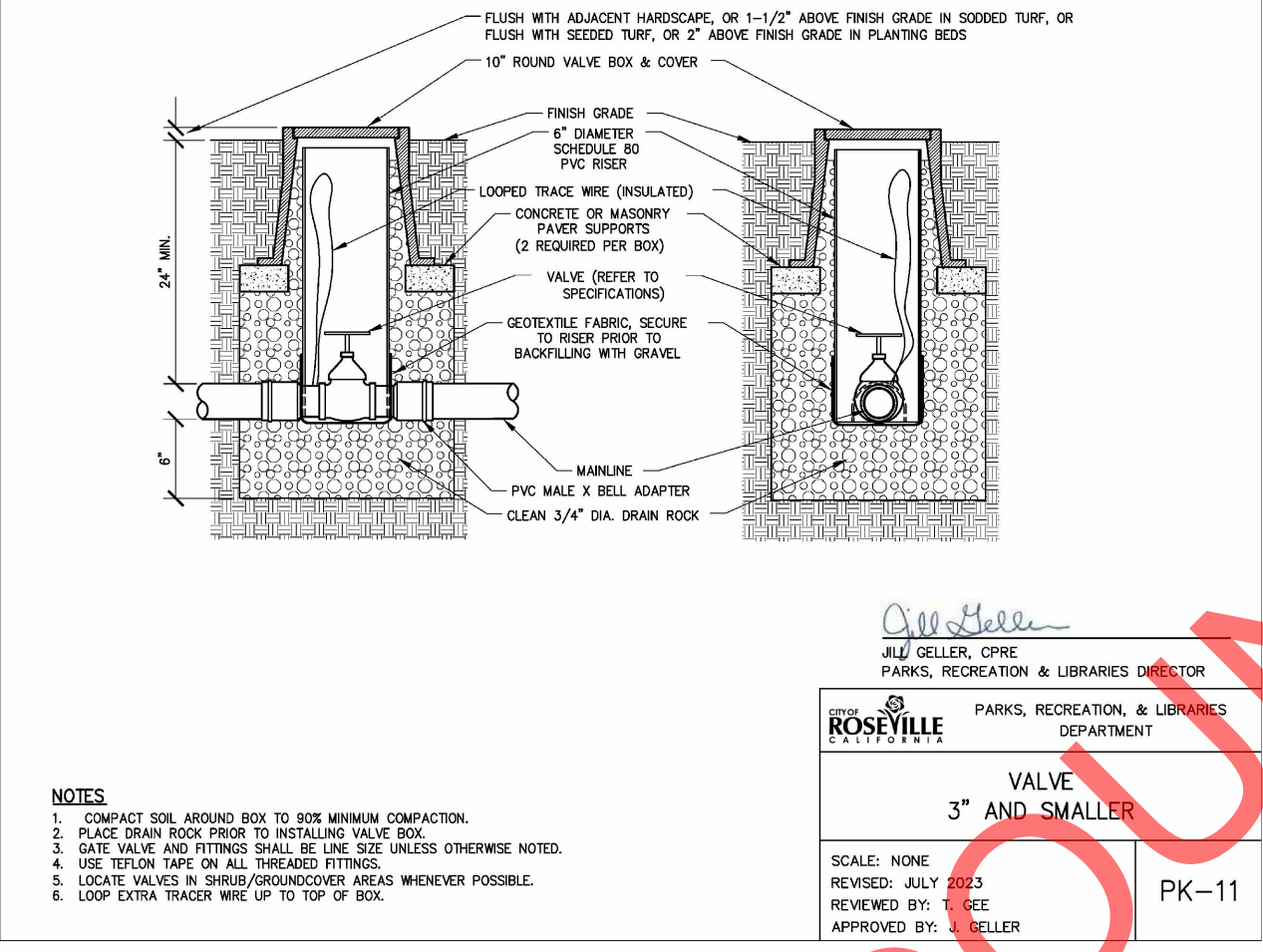
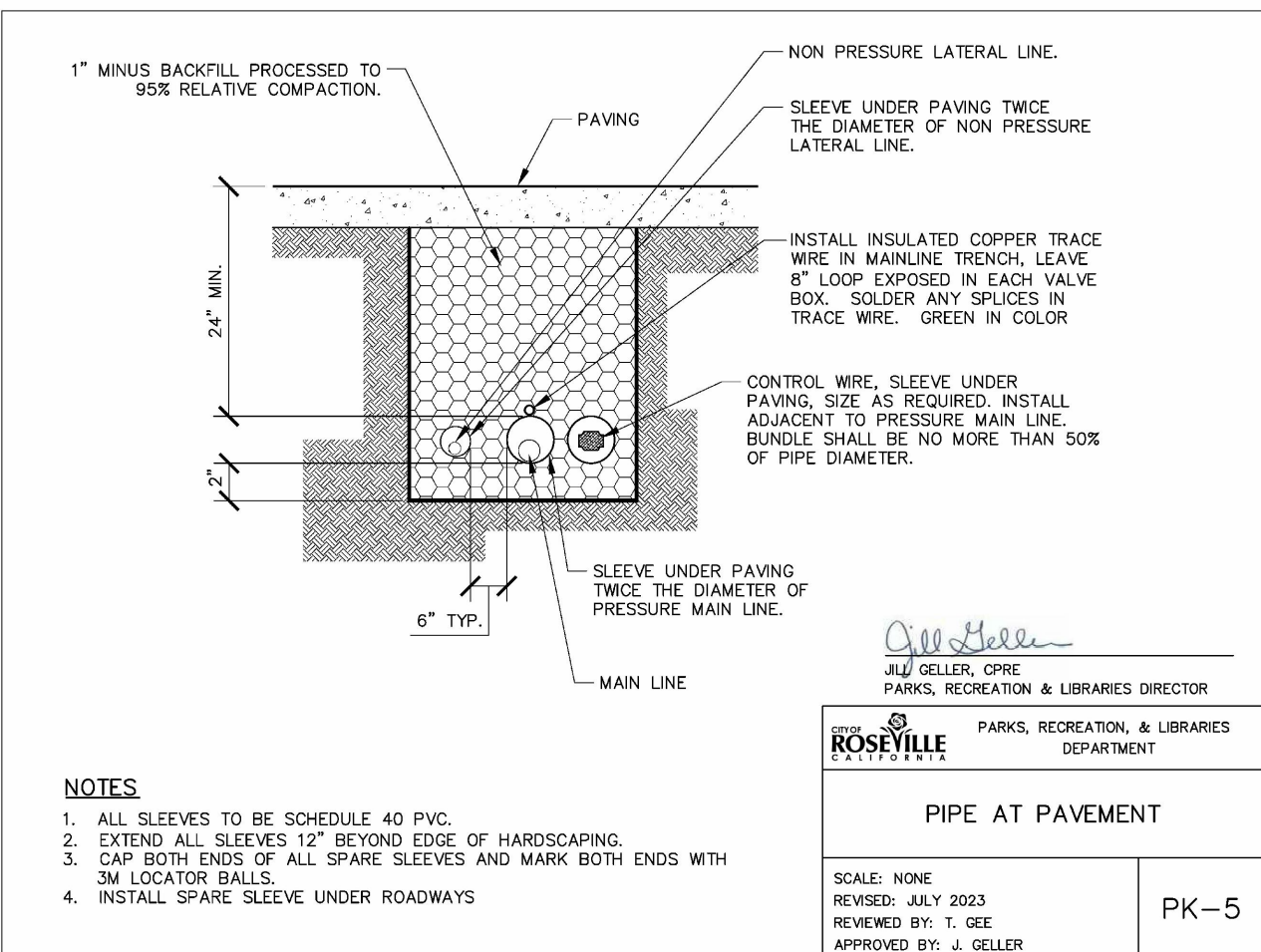
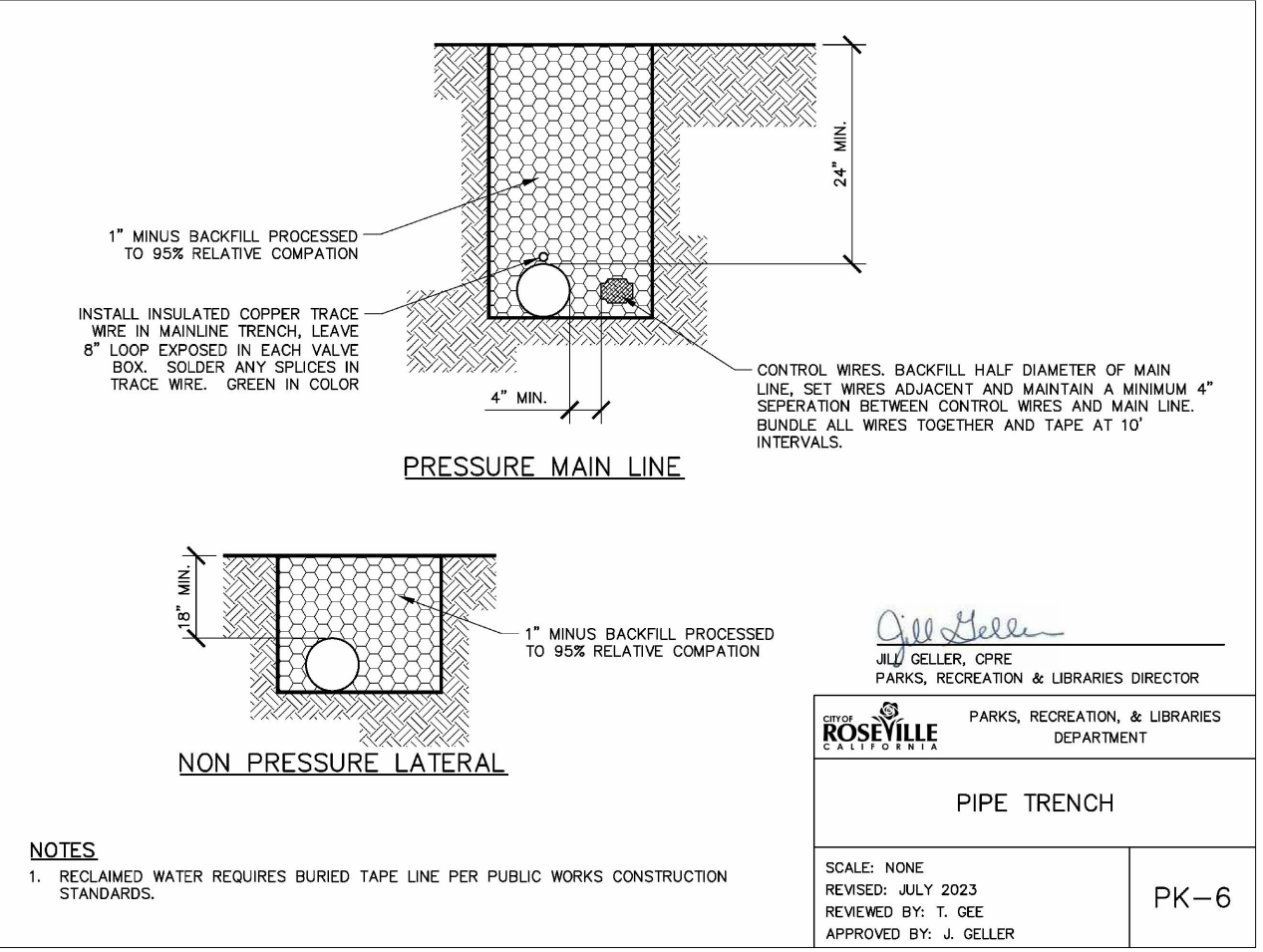
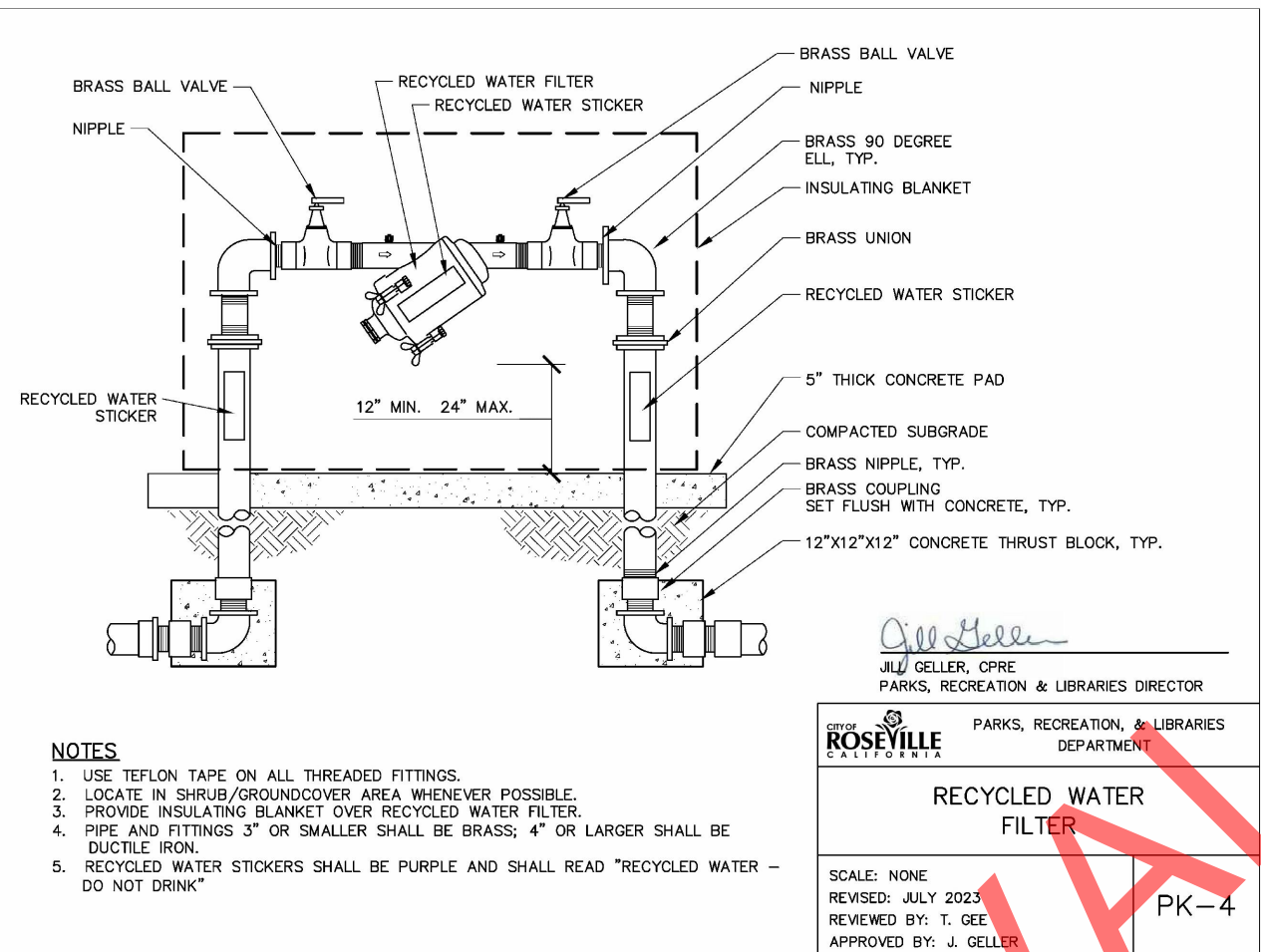
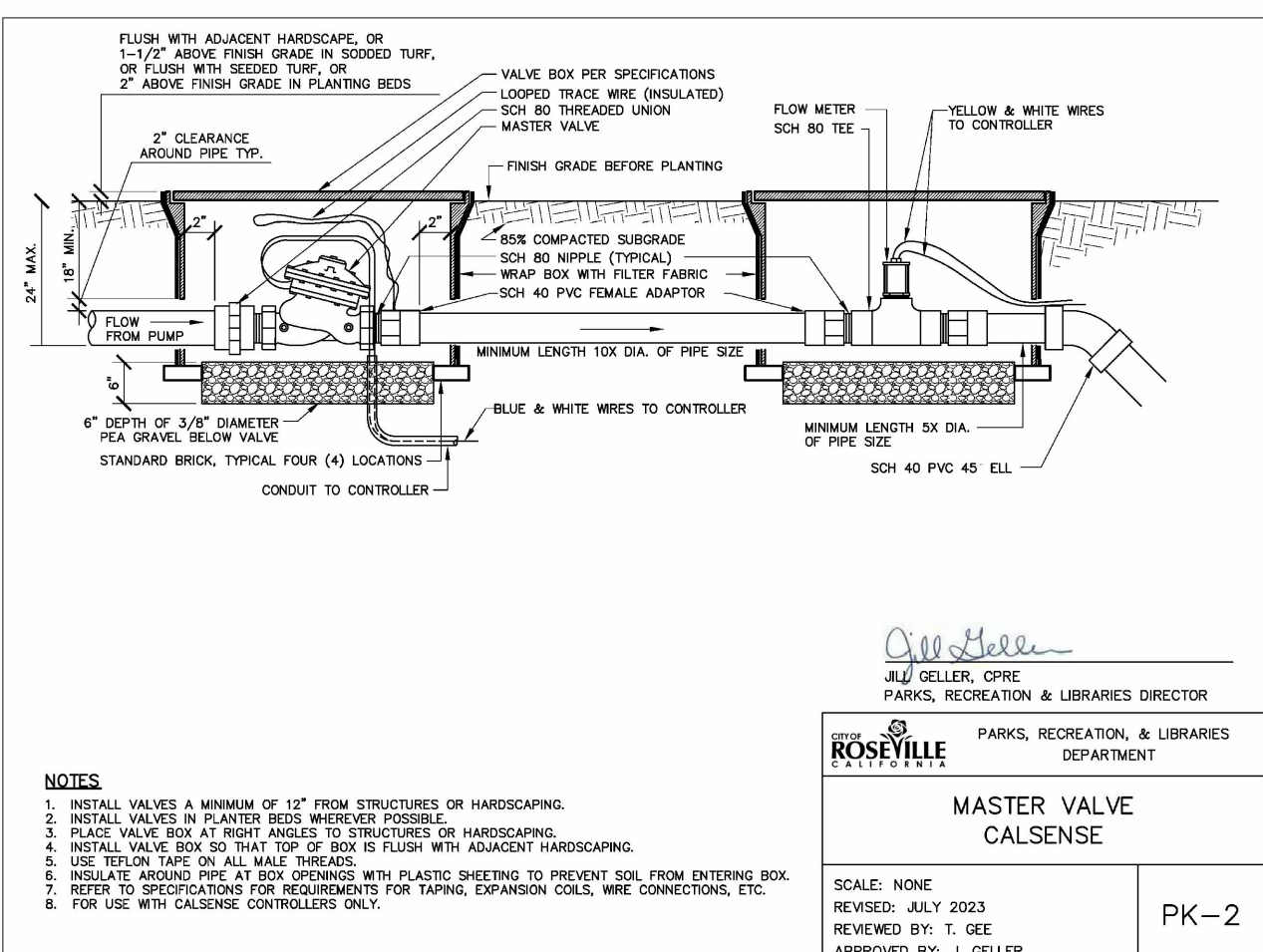
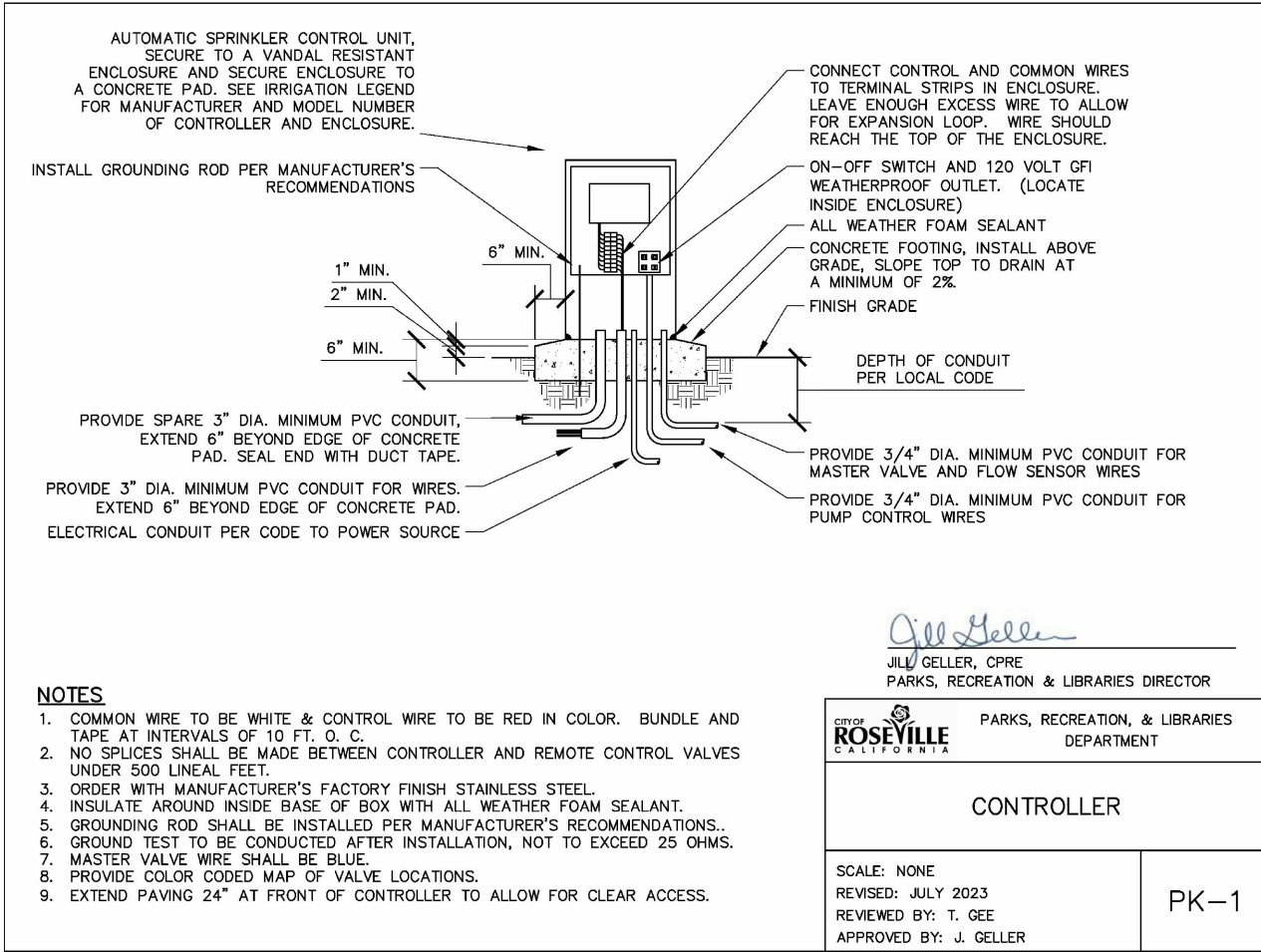
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MWEO
DOCUMENTATION

SHEET

LI-2.1

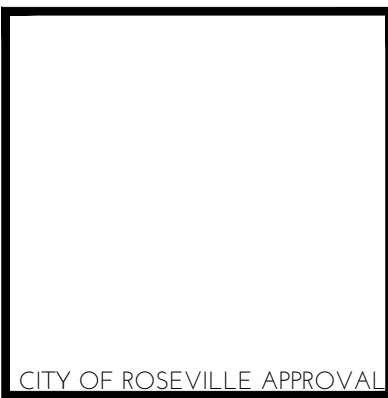
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JOB NO. : CRV:24071



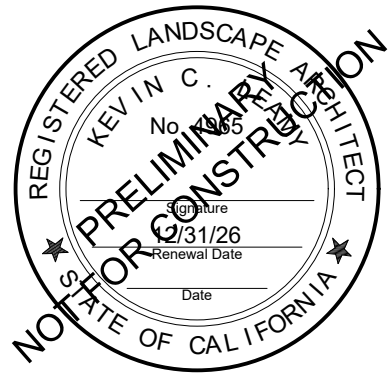
PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:
CITY OF ROSEVILLE

REVISIONS	DATE
△	
△	
△	
△	
ISSUE	DATE
① 1ST SUBMITTAL	12.11.2024
② 2ND SUBMITTAL	2.24.2025
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DRAWN : AM
CHECKED : KCL
SCALE : AS SHOWN

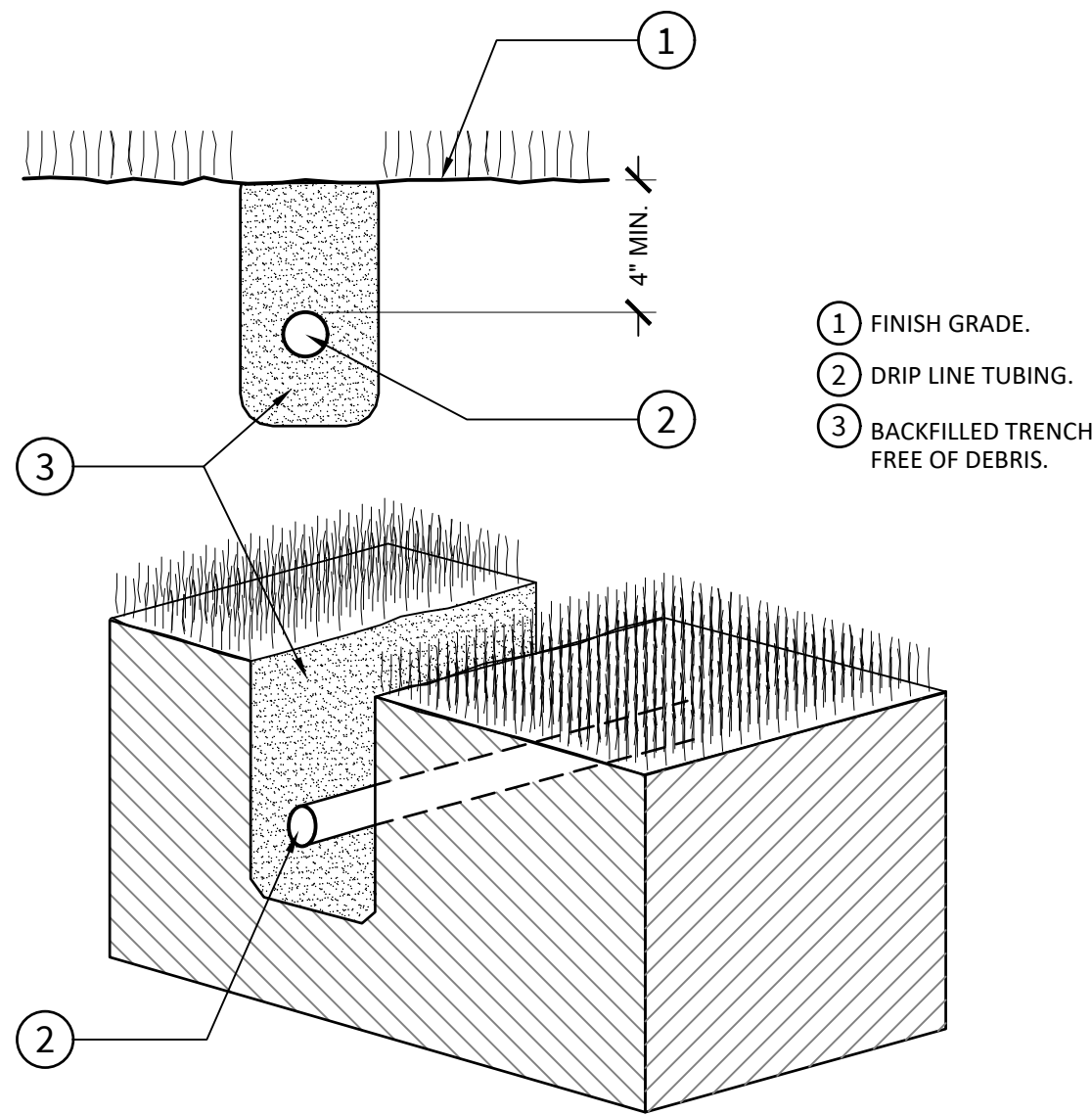
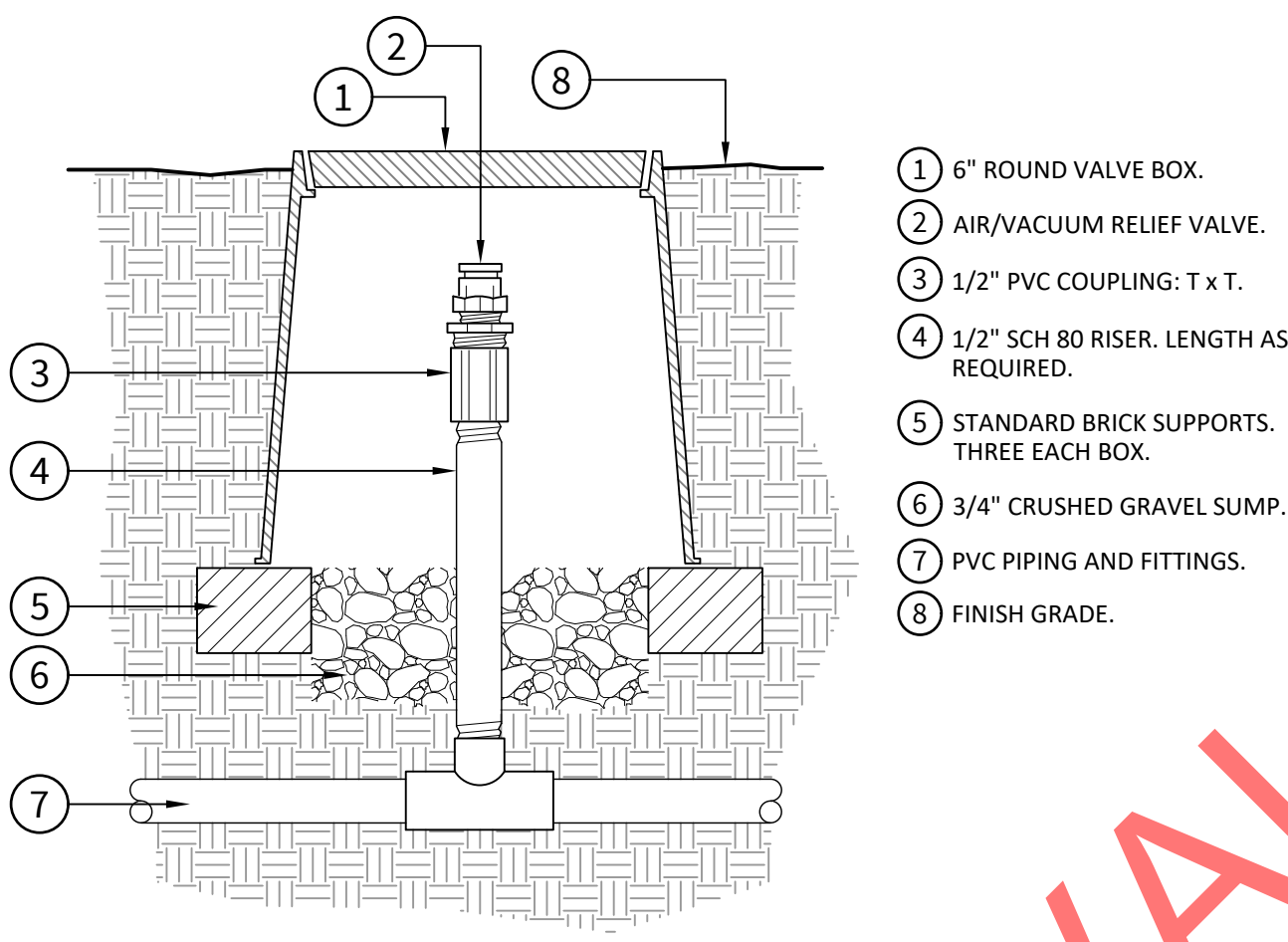
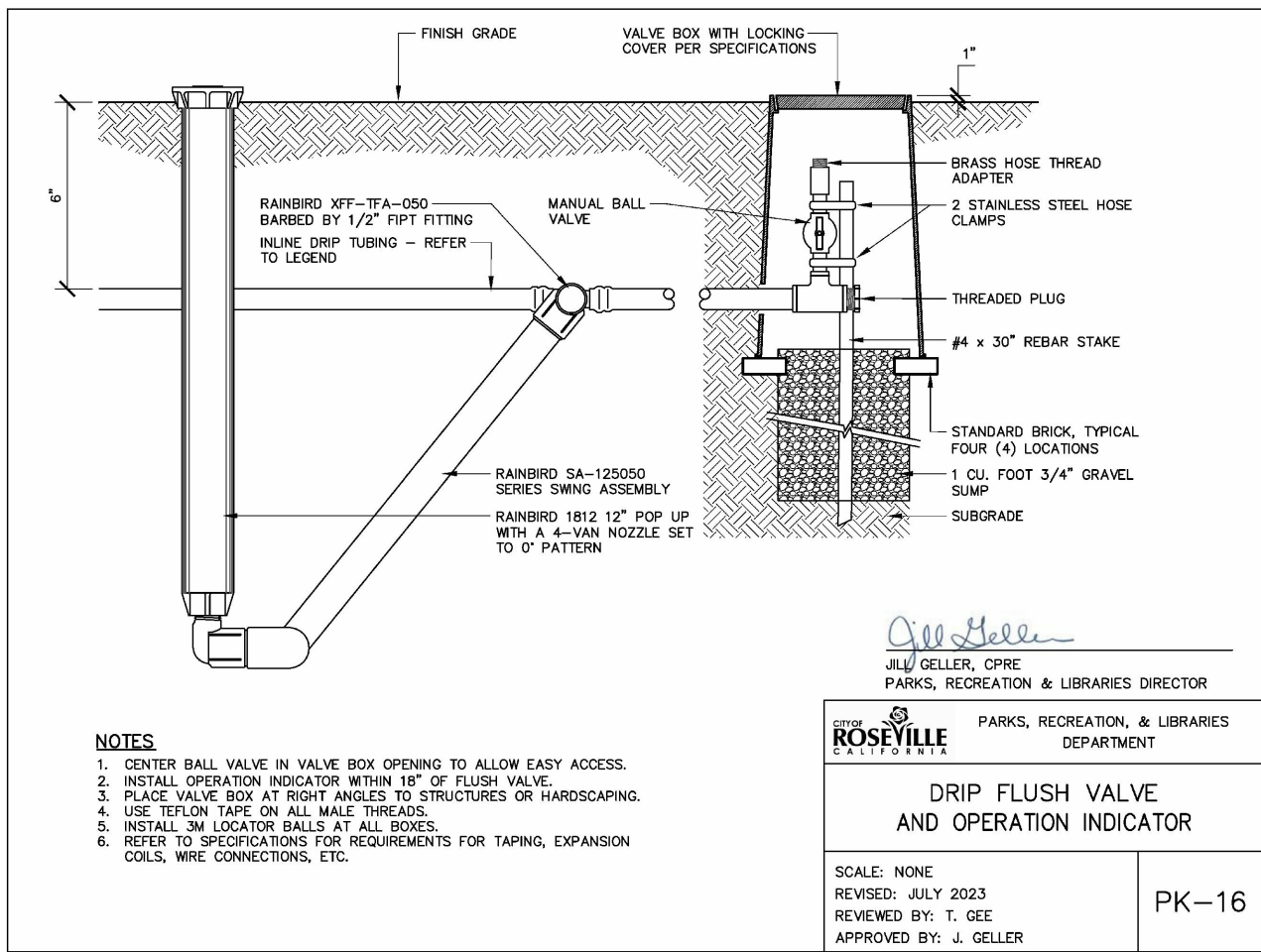
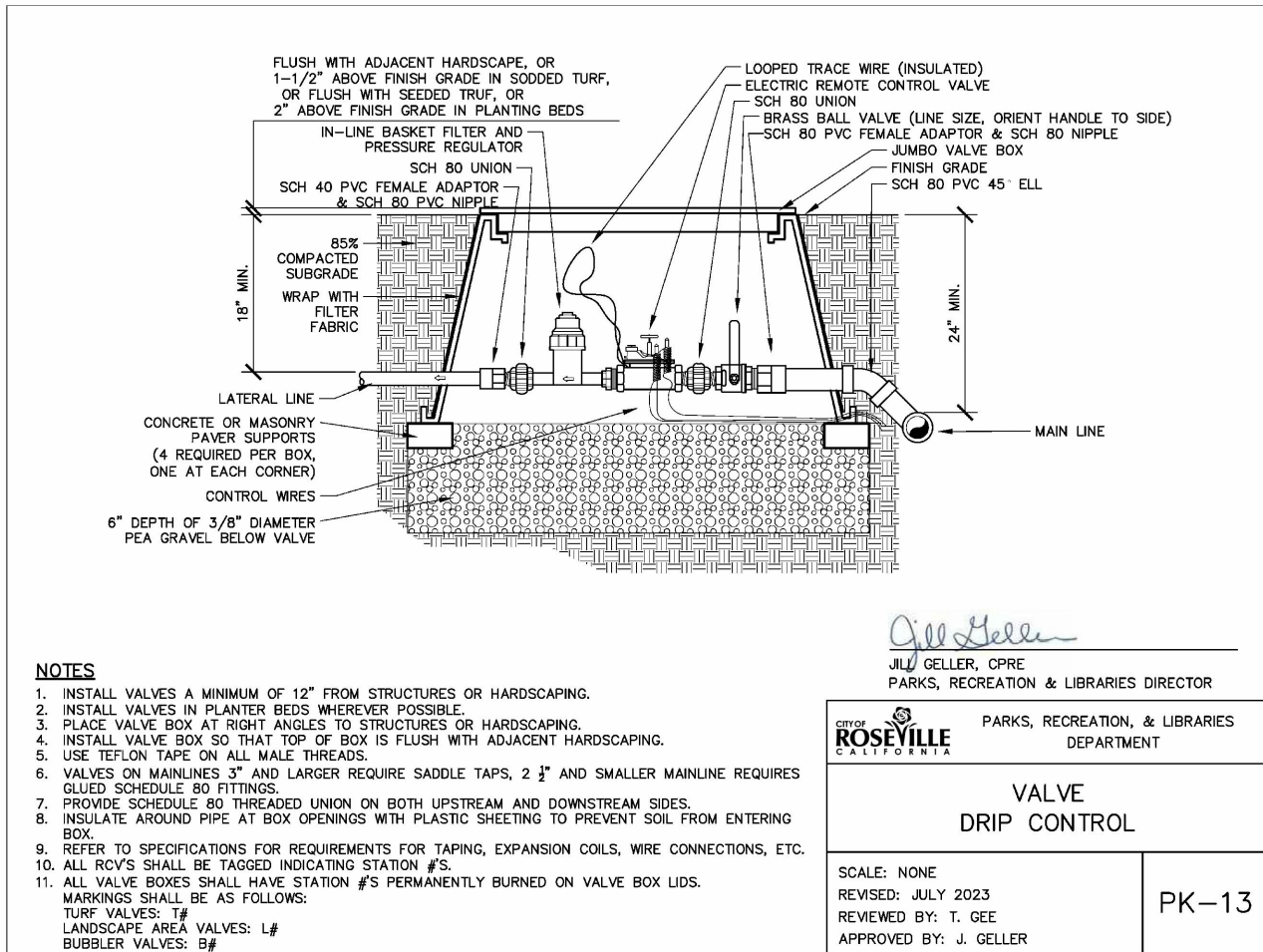
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LANDSCAPE
IRRIGATION
DETAILS

SHEET

LI-2.2

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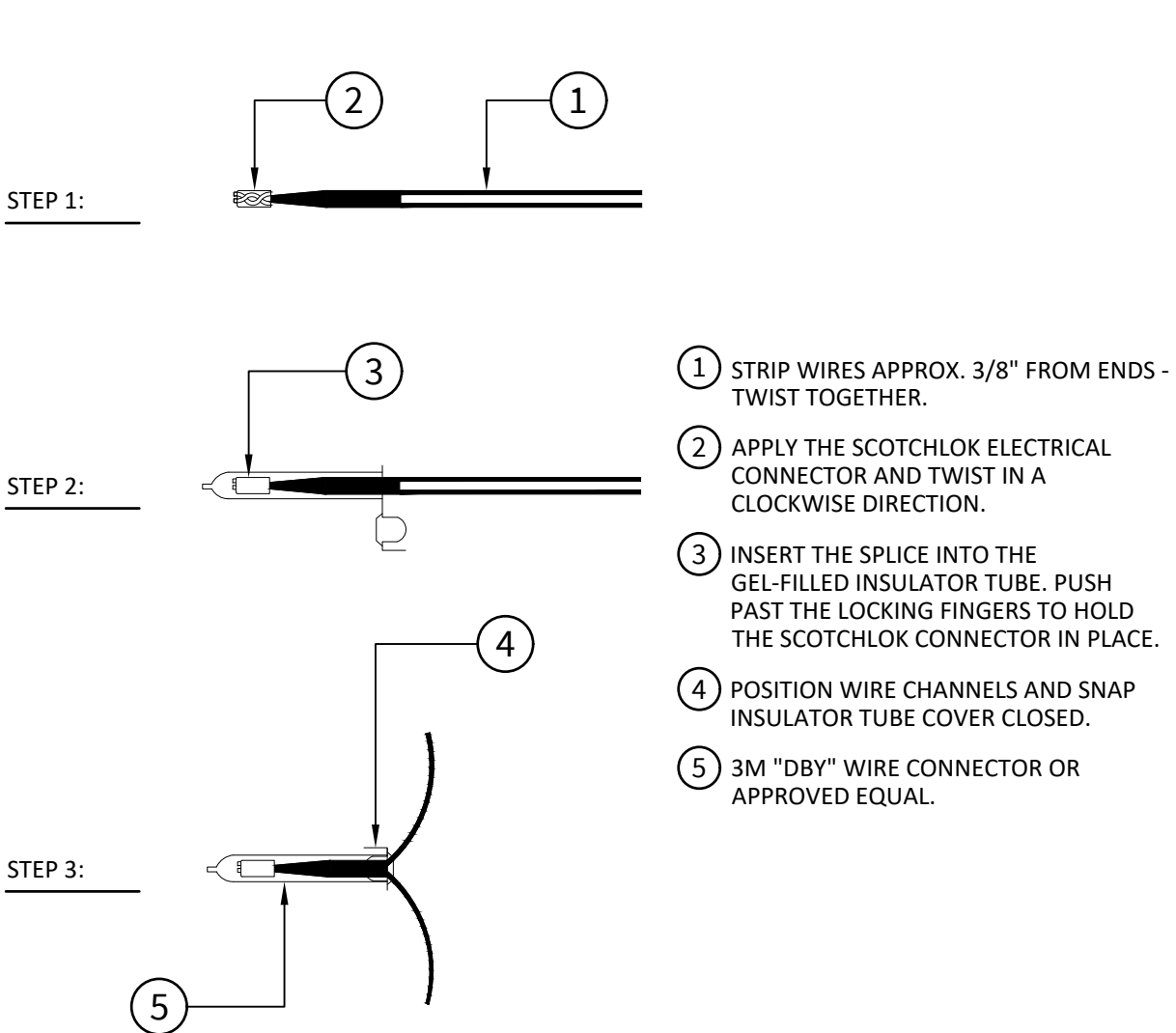
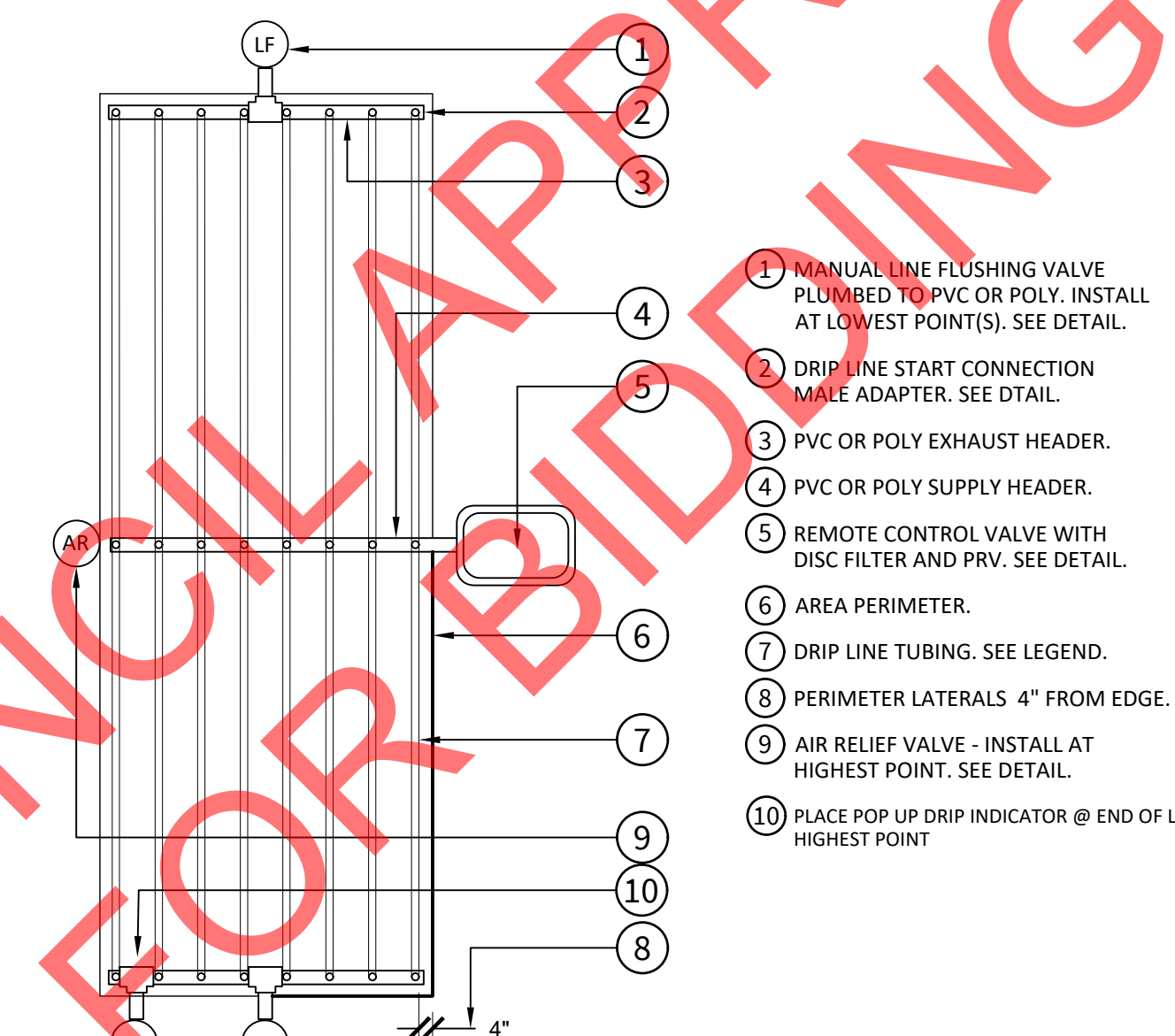
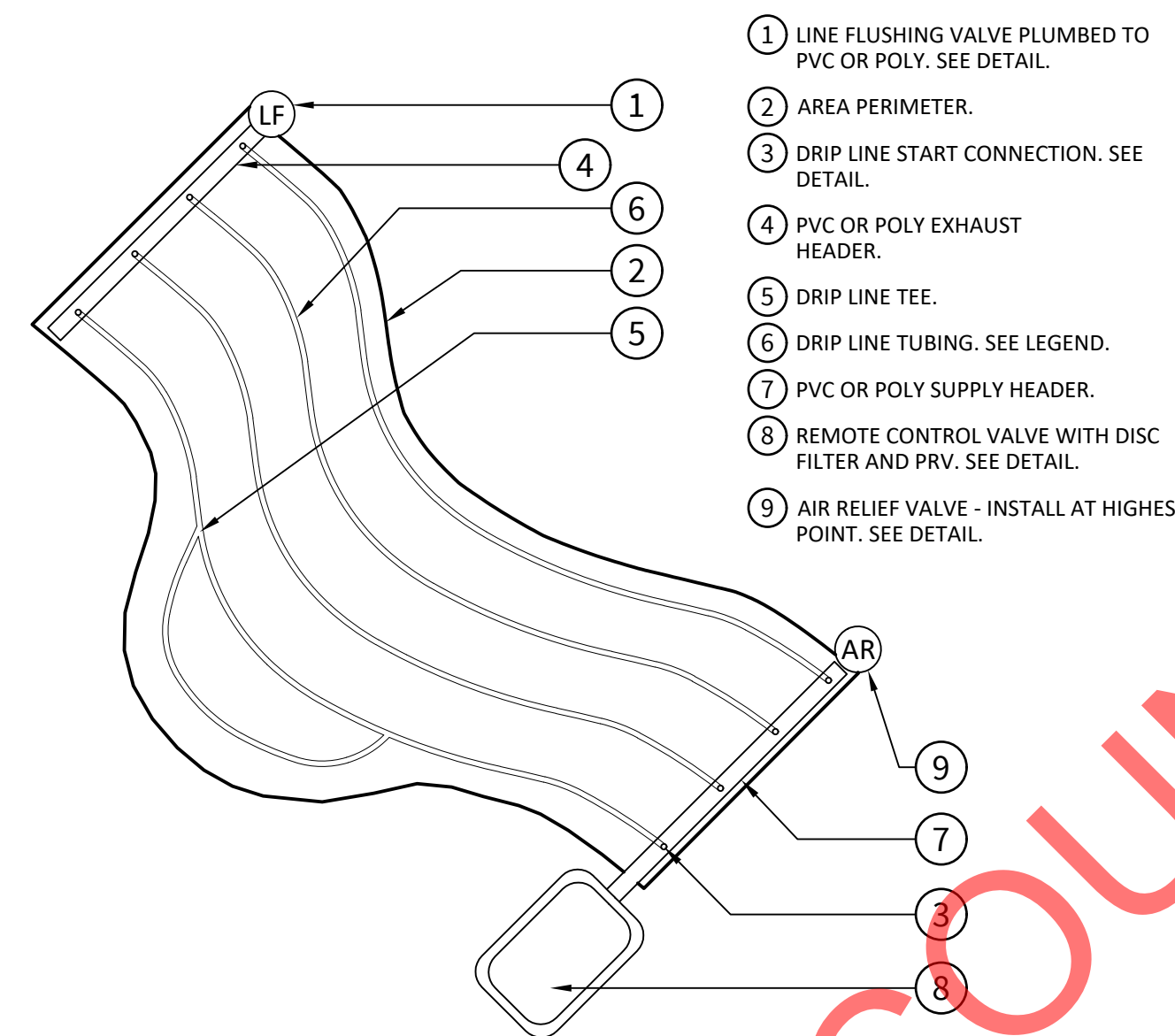
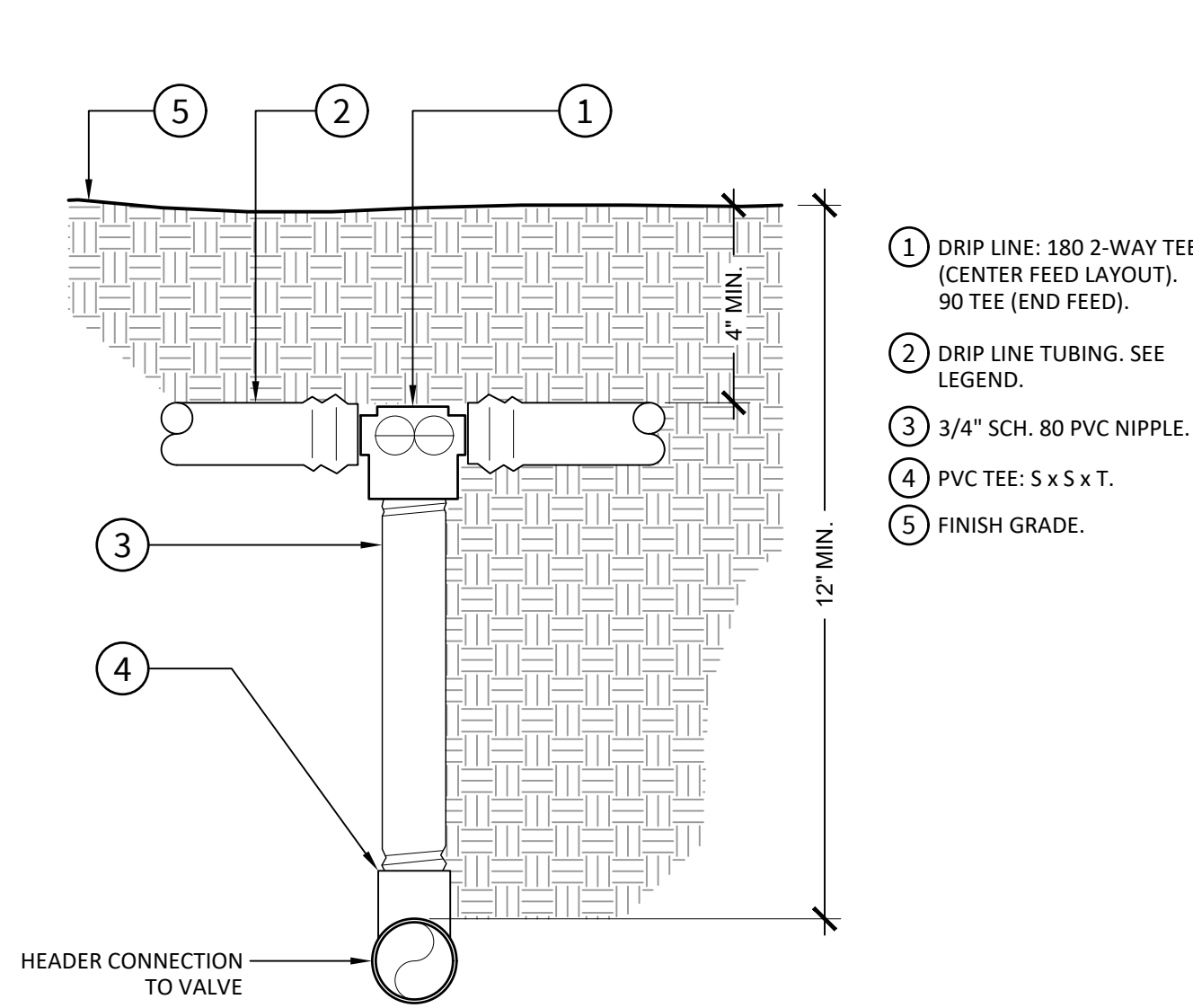


A DRIP CONTROL VALVE
NOT TO SCALE
PR-24071-26

B DRIP FLUSH VALVE & OPERATION INDICATOR
1" = 1"
PR-24071-27

C AIR/VACUUM RELIEF VALVE (PLUMBED TO PVC)
NOT TO SCALE
PR-24071-35

D DRIP LINE TRENCHING
NOT TO SCALE
PR-24071-31

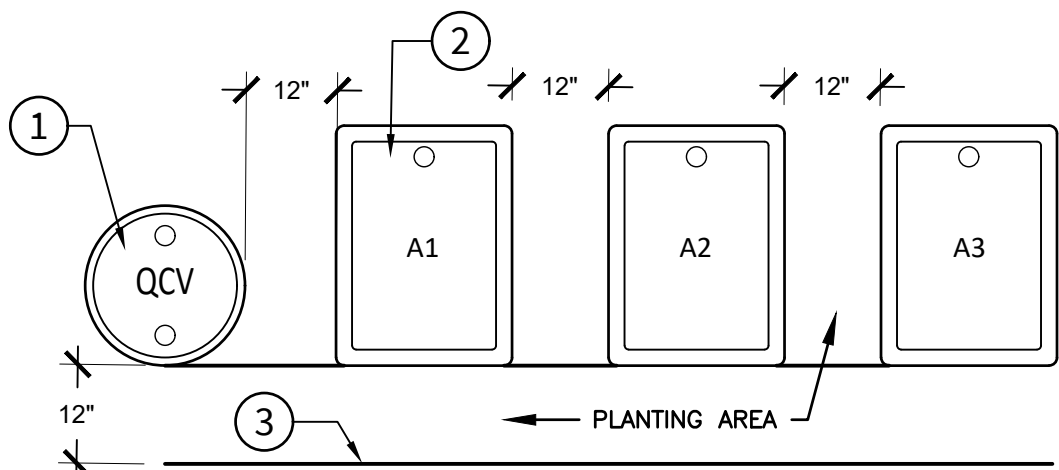


E DRIP LINE START CONNECTION W/PVC RISER
NOT TO SCALE
PR-24071-36

F DRIP LINE: IRREGULAR AREAS/ODD CURVES
NOT TO SCALE
PR-24071-37

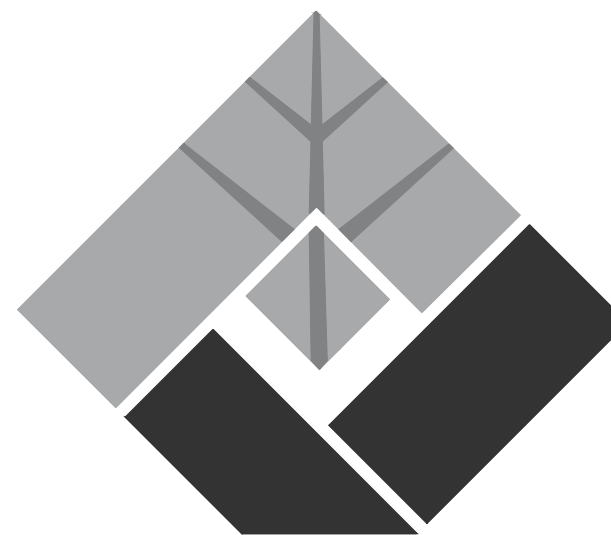
G DRIP LINE: CENTER FEED LAYOUT
NOT TO SCALE
PR-24071-39

H WIRE CONNECTION - 3M DBY
NOT TO SCALE
PR-24071-42



- NOTES:**
- CENTER BOXES OVER VALVES.
 - PLACE BOXES IN GROUND/COVER AREA WHERE POSSIBLE. TYPICAL.
 - PLACE BOXES PARALLEL TO EACH OTHER AND PERPENDICULAR TO EDGE OF HARDSCAPE.
 - VALVE BOX SHALL BE PURPLE FOR RECYCLE (PANTONE 512) FOR RECLAIMED WATER.

I VALVE BOX LAYOUT (RECYCLED)
NOT TO SCALE
PR-24071-41



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JOB NO. : CRV: 24071



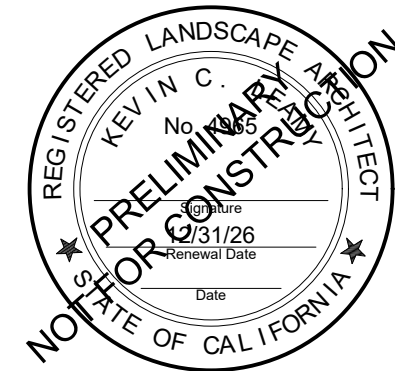
PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:
CITY OF ROSEVILLE

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SCALE : AS SHOWN

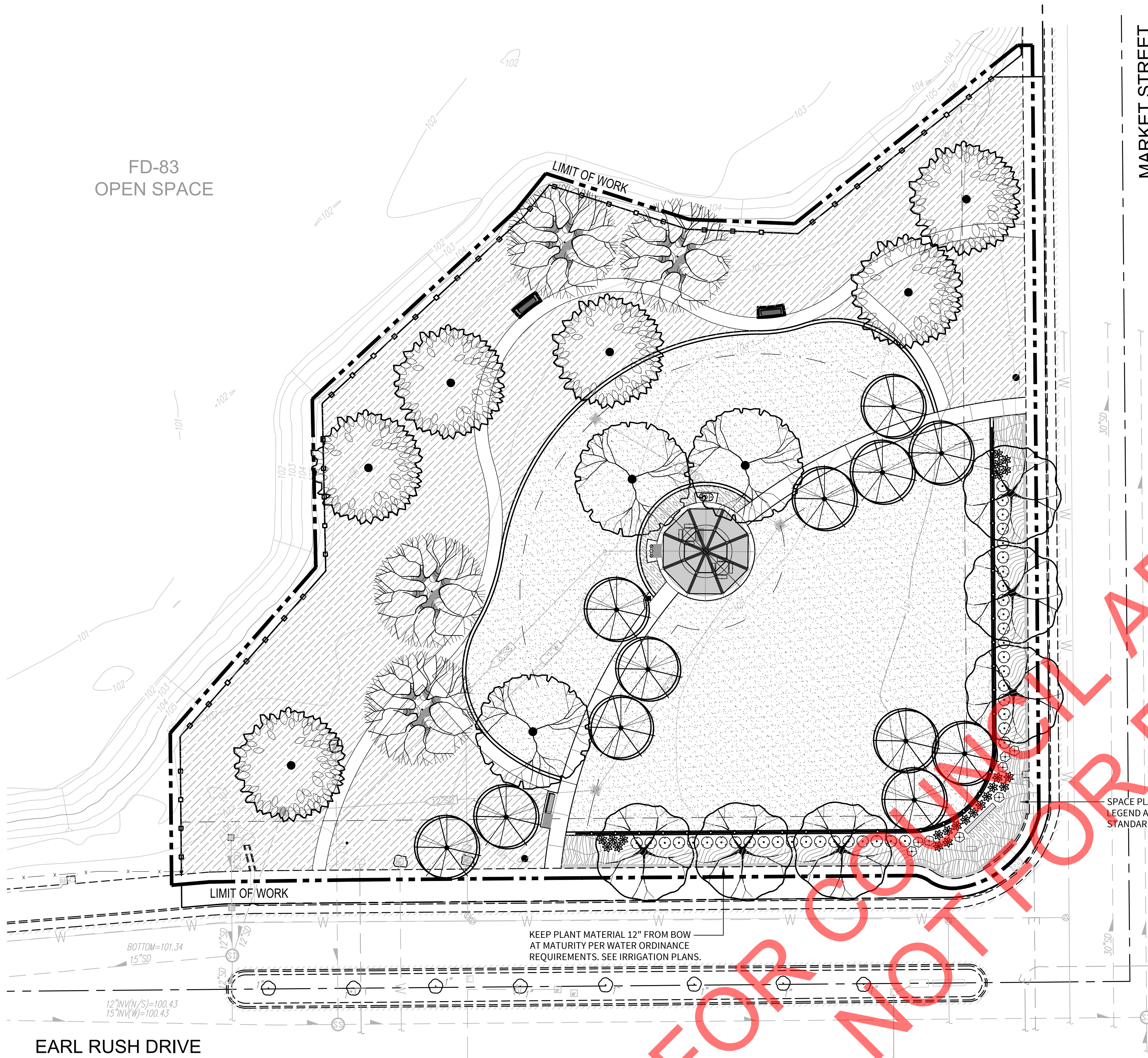
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LANDSCAPE
IRRIGATION
DETAILS

SHEET

LI-2.3

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PLANT LIST & LEGEND

SYMBOL	BOTANICAL / COMMON NAME	SIZE	WATER USE	REMARKS	QTY
TREES					
	ACER RUBRUM 'OCTOBER GLORY' OCTOBER GLORY RED MAPLE (40'X35')	24" BOX	MOD	--	6
	NYSSA SYLVATICA TUPELO (40'X20')	15 GAL.	MOD	--	12
	QUERCUS AGRIFOLIA COAST LIVE OAK (60'X40')	24" BOX	VERY LOW	NATIVE	4
	QUERCUS LOBATA VALLEY OAK (60'X40')	24" BOX	LOW	NATIVE	6
	QUERCUS SHUMARDII SHUMARD RED OAK (60'X45')	24" BOX	MOD	--	3

SHRUBS					
	CALLISTEMON VIMINALIS 'LITTLE JOHN' DWARF WEeping BOTTLEBRUSH	1 GAL.	LOW	--	39
	LOMANDRA LONGIFOLIA 'BREEZE' BREEZE MAT RUSH	1 GAL.	LOW	--	23
	SALVIA MICROPHYLLA 'HOT LIPS' HOT LIPS SAGE	1 GAL.	LOW	--	8

SYMBOL	BOTANICAL / COMMON NAME	SIZE	WATER USE	SPACING	QTY
GROUND COVERS					
	DIANELLA REVOLUTA 'DTN03' BABY BLISS™ FLAX LILY	1 GAL.	LOW	18" O.C.	131
	LANTANA MONTEVIDENSIS PURPLE TRAILING LANTANA	1 GAL.	LOW	48" o.c.	38
	WESTRINGIA FRUTICOSA 'MUNDI' LOW COAST ROSEMARY	1 GAL.	LOW	48" o.c.	50
SOD/SEED					
	HYDROSEED: NON-IRRIGATED NATIVE LANDMARK MIX 36LBS./AC.	HYDRO SEED	NON IRRIGATED	--	19,010 SF
	TURF SOD 90/10 TALL FESCUE FESCUE BLEND	SOD	HIGH	--	18,795 SF

SPACE PLANT MATERIAL PER
LEGEND AND CITY
STANDARD DETAIL PK-17.

KEEP PLANT MATERIAL 12" FROM BOW
AT MATURITY PER WATER ORDINANCE
REQUIREMENTS. SEE IRRIGATION PLANS.

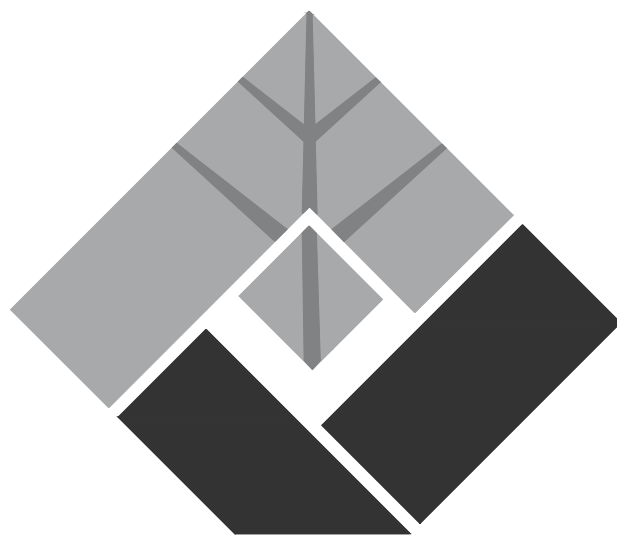
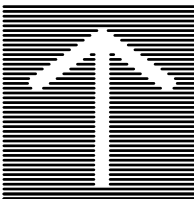
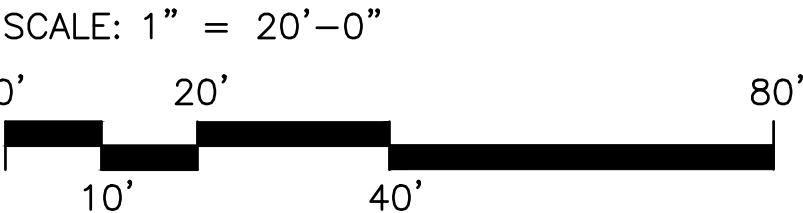
MARKET STREET

EARL RUSH DRIVE



WATER EFFICIENT LANDSCAPE ORDINANCE:
"I have complied with the criteria of the Water Efficient
Landscape Ordinance and applied such criteria for the efficient
use of water in the landscape design plan."

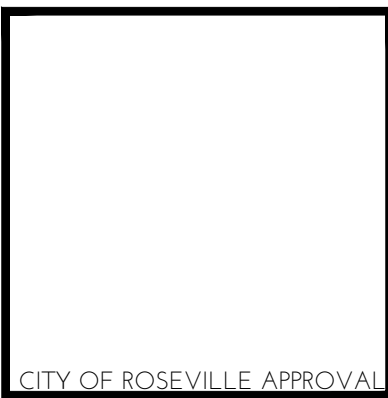
Applicant Signature: License #: 4965 Date: 10.30.2024



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JOB NO. : CRV: 24071



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

REVISIONS

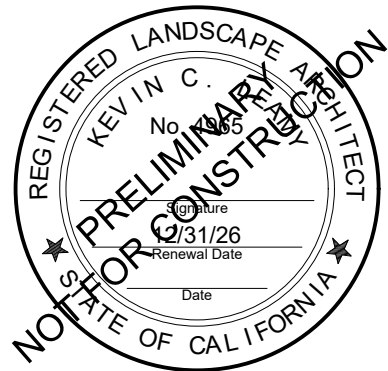
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DATE

①	1ST SUBMITTAL	12.11.2024
②	2ND SUBMITTAL	2.24.2025
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CHECKED :

KCL

SCALE :

1"=20'-0"

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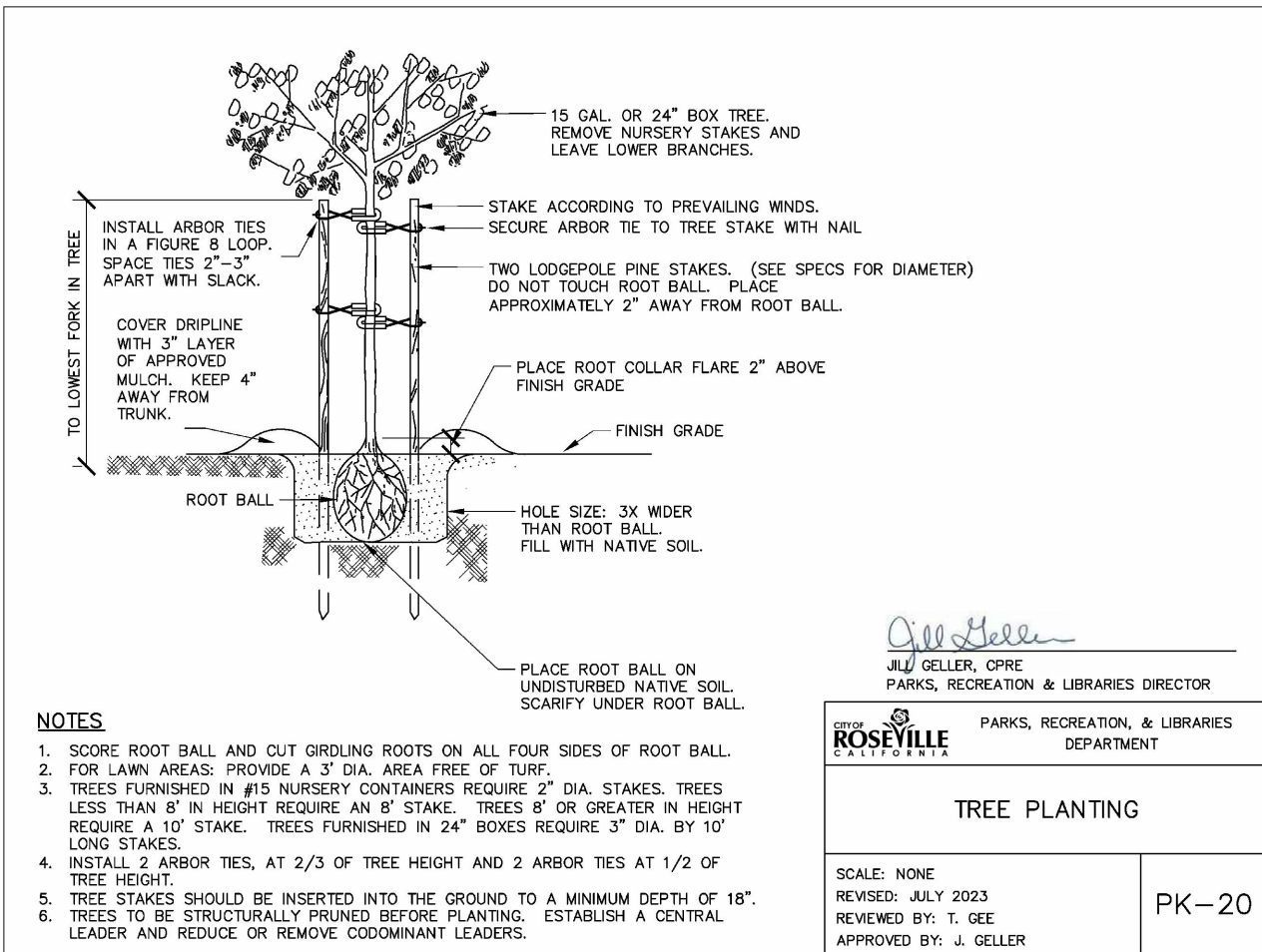
LANDSCAPE
PLANTING
PLAN & LEGEND

SHEET

LP-1.0

20 OF 26 SHEETS

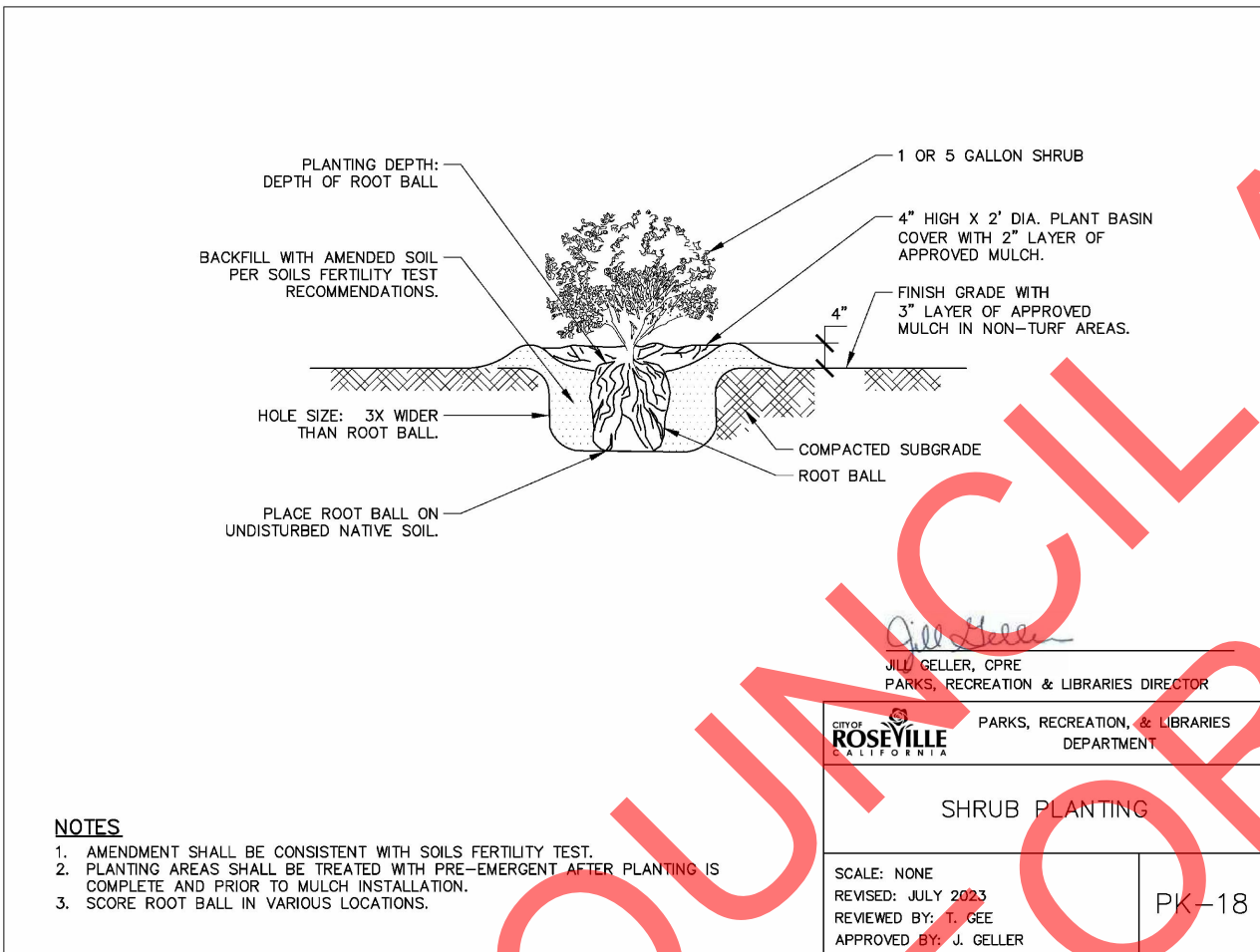
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A TREE PLANTING

NOT TO SCALE

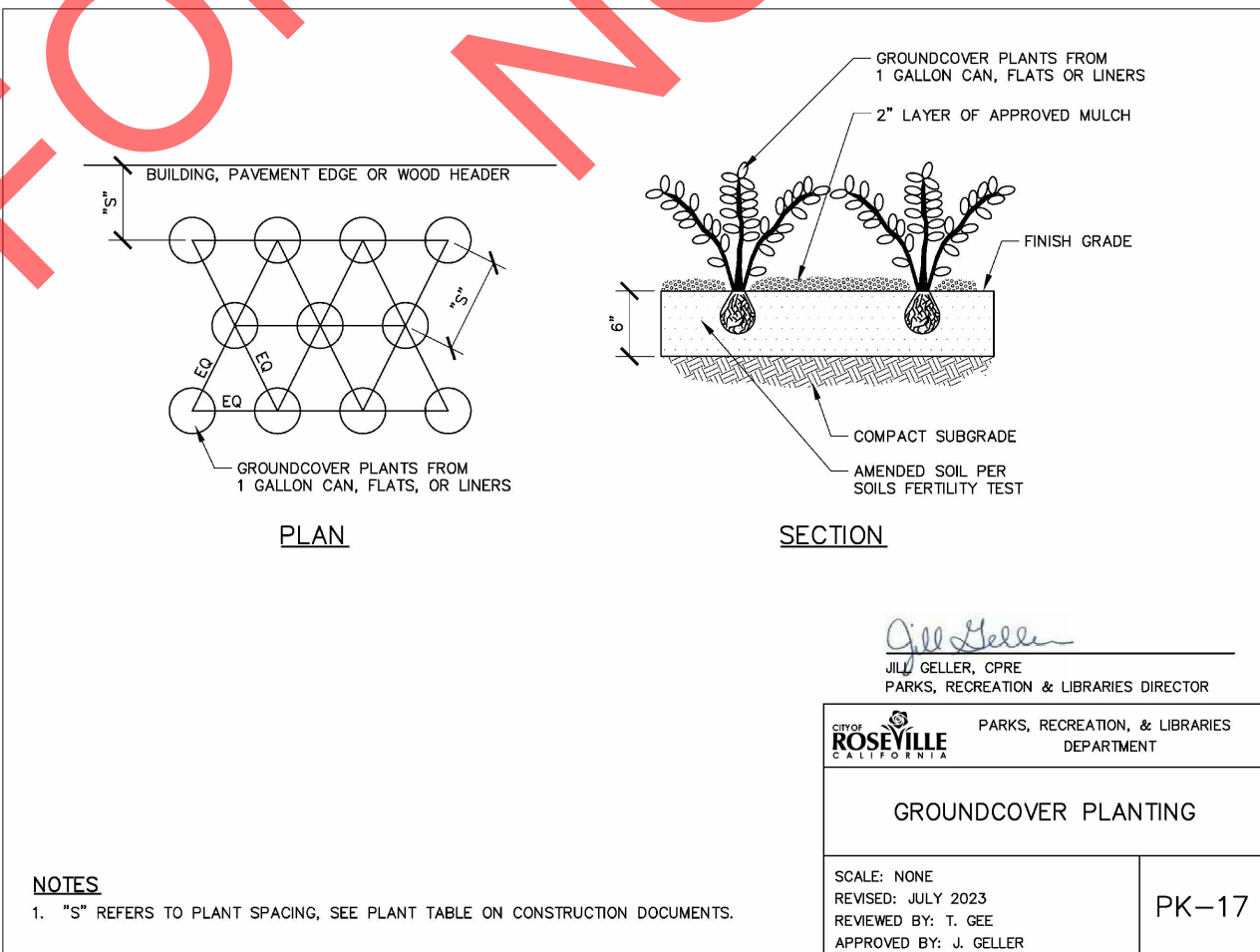
PR-24071-20



B SHRUB PLANTING

NOT TO SCALE

PR-24071-18



C GROUND COVER PLANTING

NOT TO SCALE

PR-24071-17

CITY OF ROSEVILLE GENERAL PLANTING NOTES

- CONTRACTOR SHALL VERIFY ALL SITE CONDITIONS PRIOR TO BIDDING AND CONSTRUCTION.
- ALL TREES SHALL BE TAGGED AND/OR APPROVED BY OWNER & LANDSCAPE ARCHITECT. NURSERY SOURCES SHALL BE AT OWNER/LANDSCAPE ARCHITECT'S DISCRETION.
- ALL SHRUBS AND GROUND COVER AREAS SHALL BE TOP DRESSED WITH A THREE (3") INCH LAYER "WALK-ON" FIR BARK PER PLANS AND SPECIFICATIONS.
- ALL TREES (EXCEPT IN TURF AREAS), SHRUBS AND GROUND COVERS (INCLUDING THOSE ON SLOPES) SHALL HAVE WATERING BASINS BUILT UP AT LEAST TWO (2) TIMES THE DIAMETER OF THE ROOTBALL. TREE AND SHRUB BASINS SHALL BE A MINIMUM OF THREE (3") INCHES HIGH. GROUND COVER BASINS SHALL BE A MINIMUM OF TWO (2") INCHES HIGH.
- ALL PLANT MATERIALS SHALL BE IMMEDIATELY "HAND" WATERED AFTER PLANTING AND CONTINUALLY MONITORED AND SUPPLEMENTALLY "HAND" WATERED DURING THE CONSTRUCTION AND CONTRACT MAINTENANCE PHASES AS NEEDED.
- SUBSTITUTION OF PLANT MATERIALS WILL NOT BE ACCEPTABLE UNLESS OTHERWISE APPROVED BY THE LANDSCAPE ARCHITECT.
- ALL PLANT MATERIALS DELIVERED TO THE SITE MUST HAVE AT LEAST ONE OF EACH PLANT TYPE TAGGED WITH THE GENUS AND SPECIES CLEARLY MARKED. PLANTS OF THE SAME GENUS TYPE WITH DIFFERENT SPECIES TYPE WITH DIFFERENT COLOR OR SPECIES VARIATION MUST HAVE ALL OF EACH DIFFERENT SPECIES CLEARLY TAGGED.
- ALL PLANT HOLES SHALL BE DUG TO A MINIMUM OF TWO (2) TIMES THE PLANT CONTAINER WIDTH (WIDTH ONLY, NOT DEPTH) AND ALL VERTICAL SIDES IN THE HOLES SHALL BE SHOVEL SCORED. IN NO CASE SHALL SMOOTHLY EXCAVATED SIDES BE ALLOWED FOR PLANTING.
- PRIOR TO PLANTING OF ANY MATERIALS, COMPACTED SOILS SHALL BE TRANSFORMED INTO A FRIABLE CONDITION. ON ENGINEERED SLOPES, ONLY AMENDED PLANTING HOLES NEED TO MEET THIS REQUIREMENT. "FRIABLE" MEANS A SOIL CONDITION THAT IS EASILY CRUMBLED OR LOOSELY COMPACTED DOWN TO A MINIMUM PLANTING DEPTH PER PLANTING MATERIAL WHEREBY THE ROOT STRUCTURE OR NEWLY PLANTED MATERIAL WILL BE ALLOWED TO SPREAD UNIMPEDED.
- PREPARE ALL PLANTING AREAS WITH FOUR (4) CUBIC YARDS/1,000 S.F. OF NITROLIZED ORGANIC SOIL CONDITIONER. PROVIDE 200 LBS./1,000 S.F. OF GRO-POWER 5-3-1 FERTILIZER. ROTOTILL EVENLY TO A DEPTH OF SIX (6") INCHES INTO EXISTING SOIL.
- PROVIDE SOILS FERTILITY TEST, AS PER SPECIFICATIONS, TO LANDSCAPE ARCHITECT PRIOR TO COMMENCING WITH WORK. PREPARE ALL PLANTING AREAS WITH THE MINIMUM OF SOIL CONDITIONER AND FERTILIZER AS STATED IN NOTE #10 ABOVE, OR AS PER RECOMMENDATIONS OF SOILS FERTILITY TEST, WHICHEVER IS GREATER. ROTOTILL EVENLY TO A DEPTH OF SIX (6") INCHES INTO EXISTING SOIL.
- IF ANY PORTION OF THE SITE IS LIME TREATED, THE LANDSCAPE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING. DO NOT PROCEED WITH ANY WORK IN LIME TREATED SOIL. TYPICALLY, LIME TREATED SOILS ABOVE 1% RESULT IN PH VALUES AND COMPACTION THAT ARE DELETERIOUS TO PLANT MATERIAL, EVEN WITH AGGRESSIVE AMENDMENTS AND CONDITIONERS. THESE LIME TREATED SOILS MUST BE REMOVED AND REPLACED WITH IMPORT SOILS OF SUITABLE CHEMISTRY AND COMPATIBLE TEXTURE. THE LANDSCAPE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK IN LIME TREATED AREAS UNTIL A RESOLUTION IS PROVIDED IN WRITING.
- ALL LANDSCAPE BERMS ARE TO BE GRADED SIX (6") INCHES HIGHER THAN THE HIGHEST CONTOUR SHOWN ON PLANS, TYPICAL.
- ALL LANDSCAPE AREAS WITH A SLOPE OF TWO AND A HALF TO ONE (2-1/2:1) OR GREATER MUST HAVE JUTE NETTING INSTALLED FOR EROSION CONTROL.
- SHRUB AND GROUND COVER AREAS SHALL BE TREATED WITH CHIPCO RONSTAR 'G' PRE-EMERGENT HERBICIDE. PROVIDE PER MANUFACTURER'S SPECIFICATIONS.

A & L WESTERN AGRICULTURAL LABORATORIES

1311 WOODLAND AVE #1 • MODESTO, CALIFORNIA 95351 • (209) 529-4080 • FAX (209) 529-4736



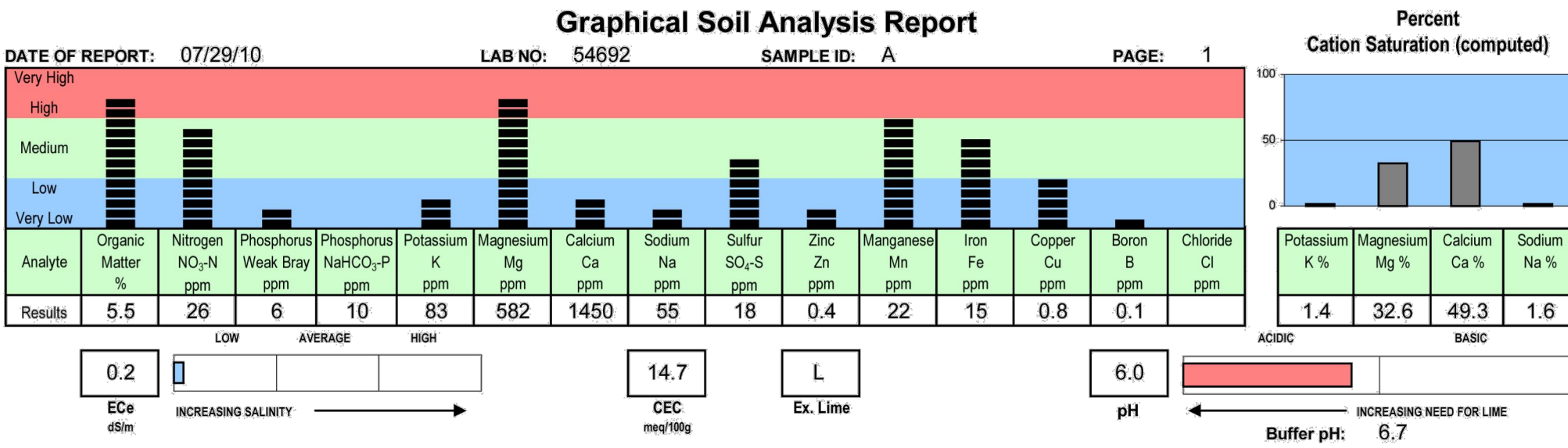
REPORT NUMBER: 10-208-072

CLIENT NO: 1358

SUBMITTED BY: ANGELA MLAKAR

SEND TO: GRO-POWER INC.
15065 TELEPHONE AVENUE
CHINO, CA 91710-9614

GROWER: WESTPARK VIL 13-15



LIME REQUIREMENT: Liming may be necessary if buffer index is less than 6.9. Guidelines are based upon common agricultural lime (70-score) per six-inch depth to raise SOIL pH to about 6.5.

* ZINC: Where levels are low, apply according to label instructions. Consider fertilizer brands that also contain zinc, although they may not be sufficient to correct a severe deficiency.

* BORON may not necessarily be deficient in the soil, and it is hard to correct an excessive application. Therefore, apply boron only if confirmed deficient through a leaf analysis.

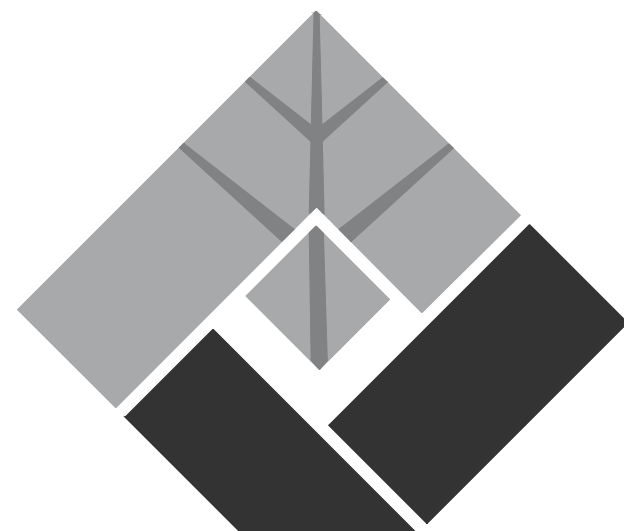
YOUR SUPPLIER will recommend to you choice, rate and method of application of fertilizer materials and amendments.

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Mike Buttriss, OPRF
A & L WESTERN LABORATORIES, INC.

D SOILS ANALYSIS REPORT

NOT TO SCALE



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JOB NO. : CRV: 24071



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ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

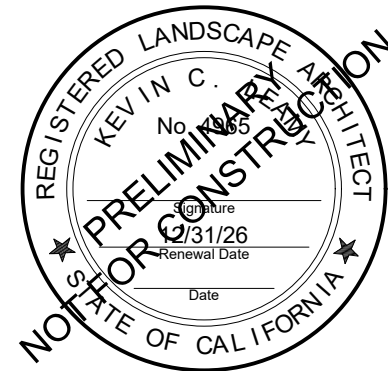
CLIENT:

CITY OF ROSEVILLE

REVISIONS

DATE

△		
△		
△		
△		
ISSUE	DATE	
① 1ST SUBMITTAL	12.11.2024	
② 2ND SUBMITTAL	2.24.2025	
③		
④		
⑤		



DRAWN :

AM

CHECKED :

KCL

SCALE :

AS SHOWN

SHEET TITLE:

LANDSCAPE
PLANTING
NOTES & DETAILS

SHEET

LP-2.0

21 OF 26 SHEETS

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ELECTRICAL SYMBOL LIST

NOTE: This is a standard symbol list and not all items listed may be used.

Abbreviations

A	AMPERES, AMBER
AC	ALTERNATING CURRENT, AIR CONDITIONER
AWG	AMERICAN WIRE GAUGE
BC	BARE COPPER
C	CONDUIT, CLOSE, CONTROL
CB	CIRCUIT BREAKER
CU	COPPER
FBO	FURNISHED BY OTHERS
G, GND	GROUND
GFCI	GROUND FAULT CIRCUIT INTERRUPTER
GFI	GROUND FAULT INTERRUPTER
HOA	HAND OFF AUTO
KVA	KILOVOLT AMPERES
KW	KILOWATT
LED	LIGHT EMITTING DIODE
LV	LOW VOLTAGE
MT	EMPTY CONDUIT WITH NYLON PULL CORD
N	NEUTRAL
NEC	NATIONAL ELECTRIC CODE
NEMA	NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
PH	PHASE
PVC	POLY-VINYL-CHLORIDE
PWR	POWER
TM	THERMAL MAGNETIC
TYP	TYPICAL
V	VOLTS, VOLTAGE
W	WIRE, WHITE

General

	NEW WORK
	DETAIL NUMBER AND SHEET LOCATION
	KEYED NOTE

Lighting

	FLOODLIGHT/SPOT LIGHT
	GROUND MOUNTED LANDSCAPE LUMINAIRE

Miscellaneous

	#10 B-27,29,31. BRANCH CIRCUIT WIRING. ARROW INDICATES HOME RUN TO PANEL WITH CIRCUITS AS NOTED. WIRE SIZE IS #12 AWG MINIMUM UNLESS NOTED OTHERWISE. SHORT TICK MARKS INDICATE PHASE CONDUCTORS. LONG TICK MARKS INDICATE NEUTRAL CONDUCTORS. A SINGLE CURVED TICK MARK INDICATES INSULATED GREEN GROUND CONDUCTOR. SECOND CURVED TICK MARK INDICATES "ISOLATED GROUND" (GREEN INSULATION WITH YELLOW STRIPE) CONDUCTOR.
	CIRCUIT BREAKER
	FEEDER TAG. REFER TO POWER CONDUIT & WIRE ROUTING SCHEDULE
	LANDING LUG
	NAMEPLATE
	NEUTRAL BUS & GROUND BUS
	UTILITY SERVICE METER

Raceways

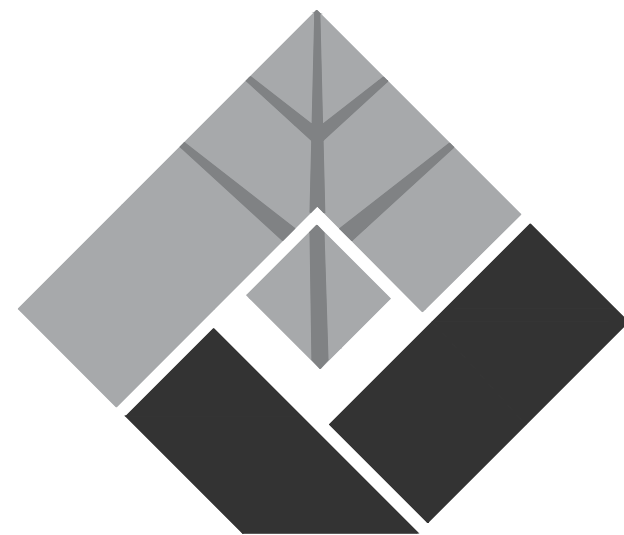
	CONDUIT CONCEALED IN WALL OR CEILING SPACE
	CONDUIT ROUTED BELOW FLOOR / GRADE
	CONDUIT ELLED UP
	CONDUIT/WIRING CONTINUATION
	CONDUIT/WIRING STUBBED OUT WITH END CAP OR INSULATED PLASTIC BUSHING
	GROUNDING POINT
	PULL BOX

Switches and Receptacles

	DUPLEX RECEPTACLE (MULTIPLE LETTERS INDICATE MULTIPLE OPTIONS) A = ABOVE COUNTER B = CLOCK HANGER C = CEILING MOUNTED E = EMERGENCY F = ARC FAULT PROTECTED BY BREAKER IN PANEL G = GROUND FAULT CIRCUIT INTERRUPTER H = HOSPITAL GRADE K = CHILD RESISTANT COVER L = ISOLATED GROUND P = PENDANT MOUNTED WITH CORD GRIPS. VERIFY PENDANT LENGTH S = SPLIT WIRED T = TAMPER RESISTANT SHUTTERED RECEPTACLE W = WEATHERPROOF CONTINUOUS USE COVER, GFCI PROTECTED, WITH WEATHER-RESISTANT RECEPTACLE ? = DESIGNER DEFINED
--	--

LIGHTING FIXTURE SCHEDULE

TAG	DESCRIPTION	MANUFACTURER	LAMPS	WATTS	COLOR	MOUNTING	NOTES
A	POST TOP REFRACTIVE GLODE	HADCO RL54 BBNN1AWNNNA2NNNNSP1	LED	39	BLACK	POLE	1
NOTES: 1 POLE: WHATLEY #TR34 16 DE BLK TXT 30-30 (DIRECT BURIAL) 2							
GENERAL NOTES: A. THIS LIGHTING SCHEDULE IS NOT COMPLETE WITHOUT A COPY OF THE PROJECT MANUAL CONTAINING ELECTRICAL SPECIFICATIONS. B. SPECIFIED MANUFACTURERS ARE APPROVED TO SUBMIT BID. INCLUSION DOES NOT RELIEVE MANUFACTURER FROM SUPPLYING PRODUCT AS DESCRIBED. C. PROVIDE SUBMITTALS THAT INCLUDE LIGHTING FIXTURE, LED, AND DRIVER INFORMATION FOR EACH FIXTURE, WITH APPLICABLE OPTIONS CLEARLY CHECKED OR HIGHLIGHTED. SUBMITTALS NOT INCLUDING THIS INFORMATION WILL BE RETURNED AS REJECTED BY THE ENGINEER OF RECORD. D. PROVIDE COMMISSIONING OF THE LIGHTING AND LIGHTING CONTROLS IN ACCORDANCE WITH CALIFORNIA TITLE 24 COMMISSIONING REQUIREMENTS.							



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JOB NO. : CRV: 240701



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

REVISIONS	DATE
ISSUE	DATE
1ST SUBMITTAL	12.11.2024
2ND SUBMITTAL	2.24.2025



Date Signed: 2/19/25

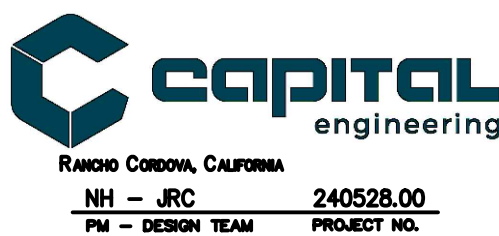
SHEET INDEX

E0.1	ELECTRICAL SYMBOL LIST
E0.2	ELECTRICAL ONE-LINE DIAGRAM
E0.3	ELECTRICAL DETAILS
E0.4	TITLE 24
E0.5	TITLE 24

E1.0	ELECTRICAL SITE PLAN
E2.0	ELECTRICAL SPECIFICATIONS

DRAWN :	JRC
CHECKED :	NH
SCALE :	NO SCALE

SHEET TITLE:
ELECTRICAL SYMBOL LIST

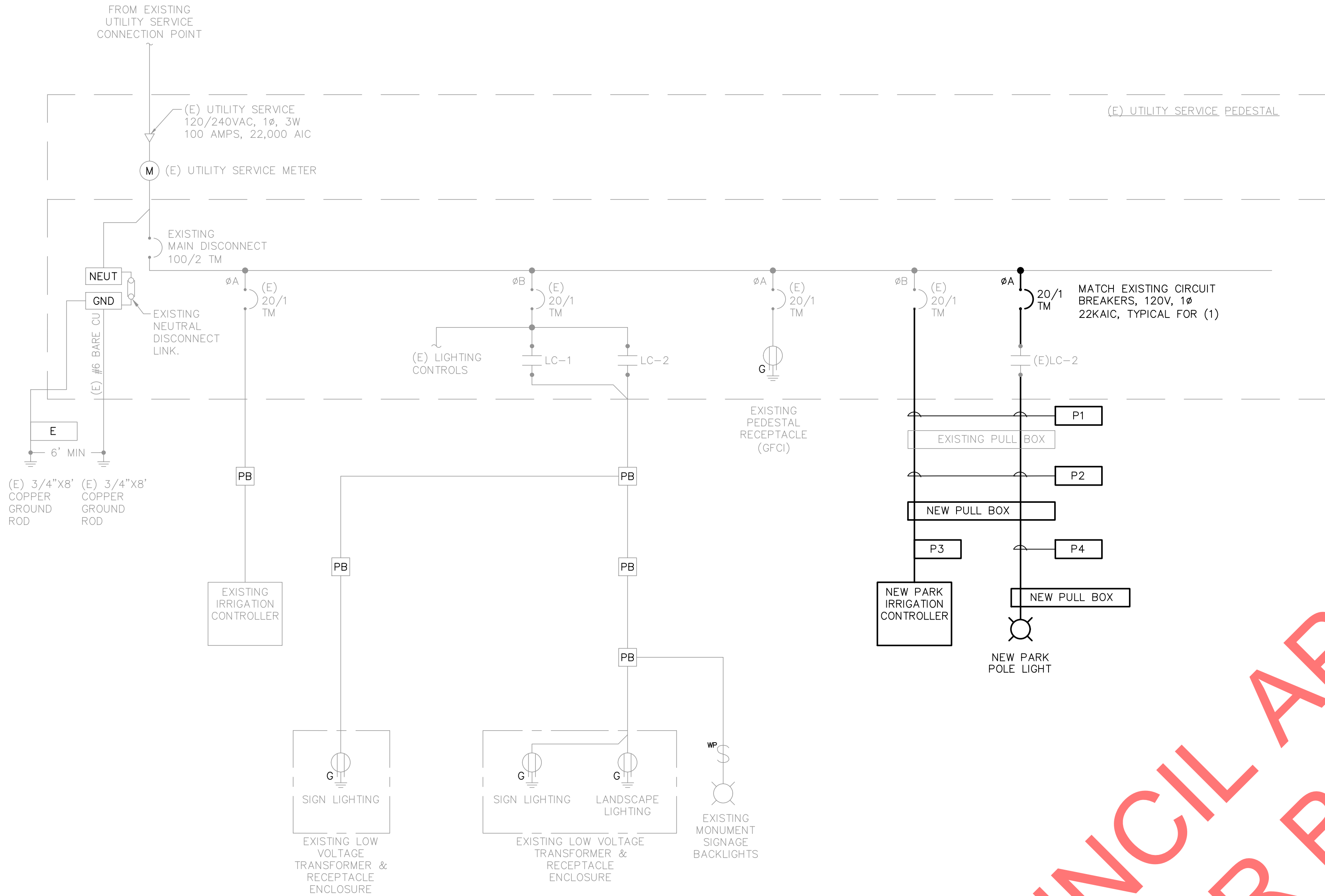


240528.00
NH - JRC
PM - DESIGN TEAM
PROJECT NO.

SHEET

E0.1

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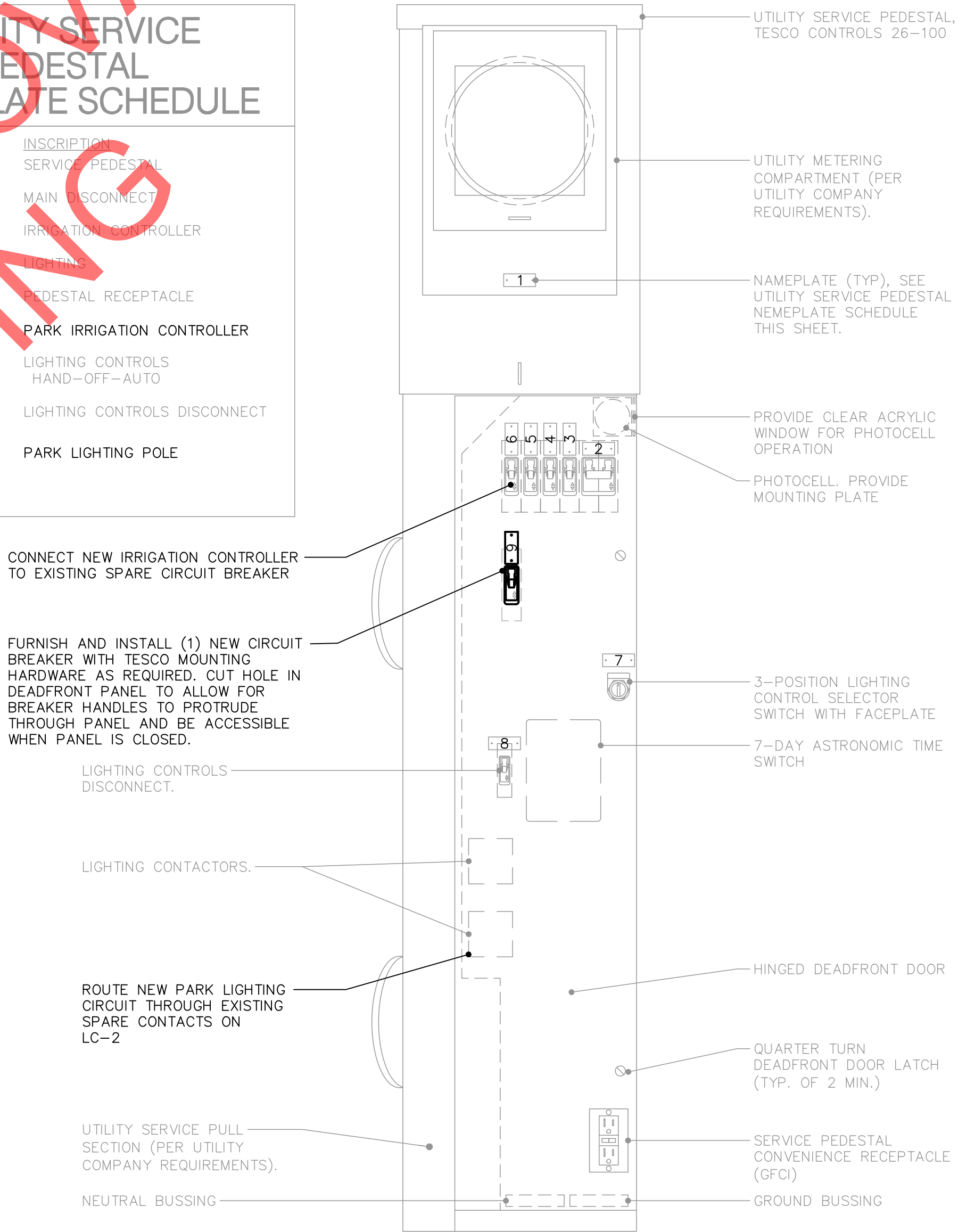
1 EXISTING SERVICE PEDESTAL ONE-LINE DIAGRAM
NO SCALE

POWER CONDUIT & WIRE ROUTING SCHEDULE					
ID	CONDUIT NO AND SIZE	CONDUCTORS PER CONDUIT NO AND SIZE	FROM	TO	REMARKS
P1	EXISTING 3/4" PVC	4 #12 CU PWR	EXISTING UTILITY SERVICE PEDESTAL	EXISTING UNDERGROUND CONCRETE PULLBOX	PWR: 120VAC, 1 PH
		1 #12 CU GND			
P2	1 1" PVC	4 #12 CU PWR	EXISTING UNDERGROUND CONCRETE PULLBOX	UNDERGROUND CONCRETE PULLBOX	PWR: 120VAC, 1 PH
		1 #12 CU GND			
P3	1 1" PVC	2 #12 CU PWR	UNDERGROUND CONCRETE PULLBOX	IRRIGATION CONTROLLER	PWR: 120VAC, 1 PH
		1 #12 CU GND			
P4	1 1" PVC	2 #12 CU PWR	UNDERGROUND CONCRETE PULLBOX	LIGHT POLE	PWR: 120VAC, 1 PH
		1 #12 CU GND			

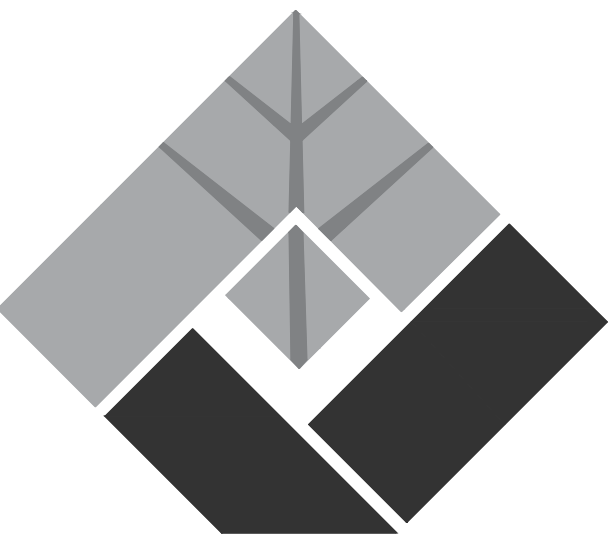
VOLTAGE DROP CALCULATION										
CEC 215.2(A)(3) FPN No. 2										
3 PHASE FORMULA:										
$VD = \frac{\sqrt{3} \cdot L \cdot R \cdot A}{1000}$ $\%VD = \frac{VD \cdot 100\%}{V}$										
1 PHASE FORMULA:										
$VD = \frac{2 \cdot L \cdot R \cdot A}{1000}$ $\%VD = \frac{VD \cdot 100\%}{V}$										
PANEL - CKT	DISTANCE (FT)	AMPS	VOLTAGE	CONDUCTOR TYPE	PHASE	WIRE SIZE	CONDUIT	IMPEDANCE: OHMS/KFT	VD	%VD
IRRIGATION CONTROLLER	102	3	120	CU	1	#12	PVC	1.700	1.04	0.87%
LIGHT POLE	250	3	120	CU	1	#12	PVC	1.700	2.55	2.13%
1. CONDUCTOR IMPEDANCE VALUES BASED ON CEC CHAPTER 9 TABLE 9 - EFFECTIVE IMPEDANCE FOR UNCOATED COPPER WIRES IN PVC OR STEEL CONDUIT @ 0.85 PF (OHM/kFT)										
2. PER CEC 210.19(A)(1) FPN NO. 4: BRANCH CIRCUITS ARE ALLOWED 3% VOLTAGE DROP AND THE MAXIMUM TOTAL VOLTAGE DROP ON BOTH FEEDERS AND BRANCH CIRCUITS TO THE FARTHEST OUTLET DOES NOT EXCEED 5%										

UTILITY SERVICE PEDESTAL LOAD CALCULATION	
NEW IRRIGATION CONTROLLER	= 360 VA
NEW POLE LIGHT	= 39 VA
EXISTING LANDSCAPE LIGHTING	= 70 VA
EXISTING IRRIGATION CONTROLLER	= 360 VA
EXISTING SIGN LIGHTING	= 148 VA
EXISTING PEDESTAL RECEPTACLE	= 180 VA
SUB-TOTAL	= 1157 VA
+25% CONTINUOUS LOADS	= 64 VA
TOTAL	= 1221 VA
UTILITY SERVICE: 1221 VA/240 VOLTS = 5.08 AMPS REQUIRED SERVICE = 120/240V, 1Ø, 3W, 100 AMP	

UTILITY SERVICE PEDESTAL NAMEPLATE SCHEDULE		
No.	LETTER SIZE	DESCRIPTION
1	1/4"	SERVICE PEDESTAL
2	3/16"	MAIN DISCONNECT
3	3/16"	IRRIGATION CONTROLLER
4	3/16"	LIGHTING
5	3/16"	PEDESTAL RECEPTACLE
6	3/16"	PARK IRRIGATION CONTROLLER
7	3/16"	LIGHTING CONTROLS HAND-OFF-AUTO
8	3/16"	LIGHTING CONTROLS DISCONNECT
9	3/16"	PARK LIGHTING POLE



2 EXISTING SERVICE PEDESTAL ELEVATION
NO SCALE (EXTERIOR DOOR NOT SHOWN FOR CLARITY)



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JOB NO. : CRV-24071



PROJECT:

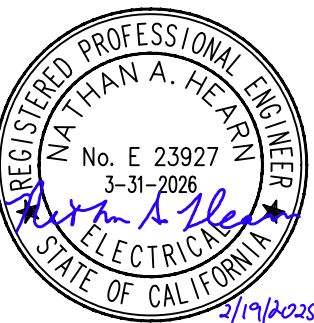
ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

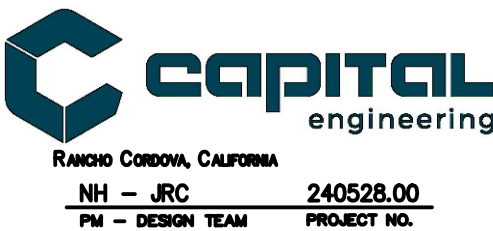
REVISIONS		DATE
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①	1ST SUBMITTAL	12.11.2024
②	2ND SUBMITTAL	2.24.2025
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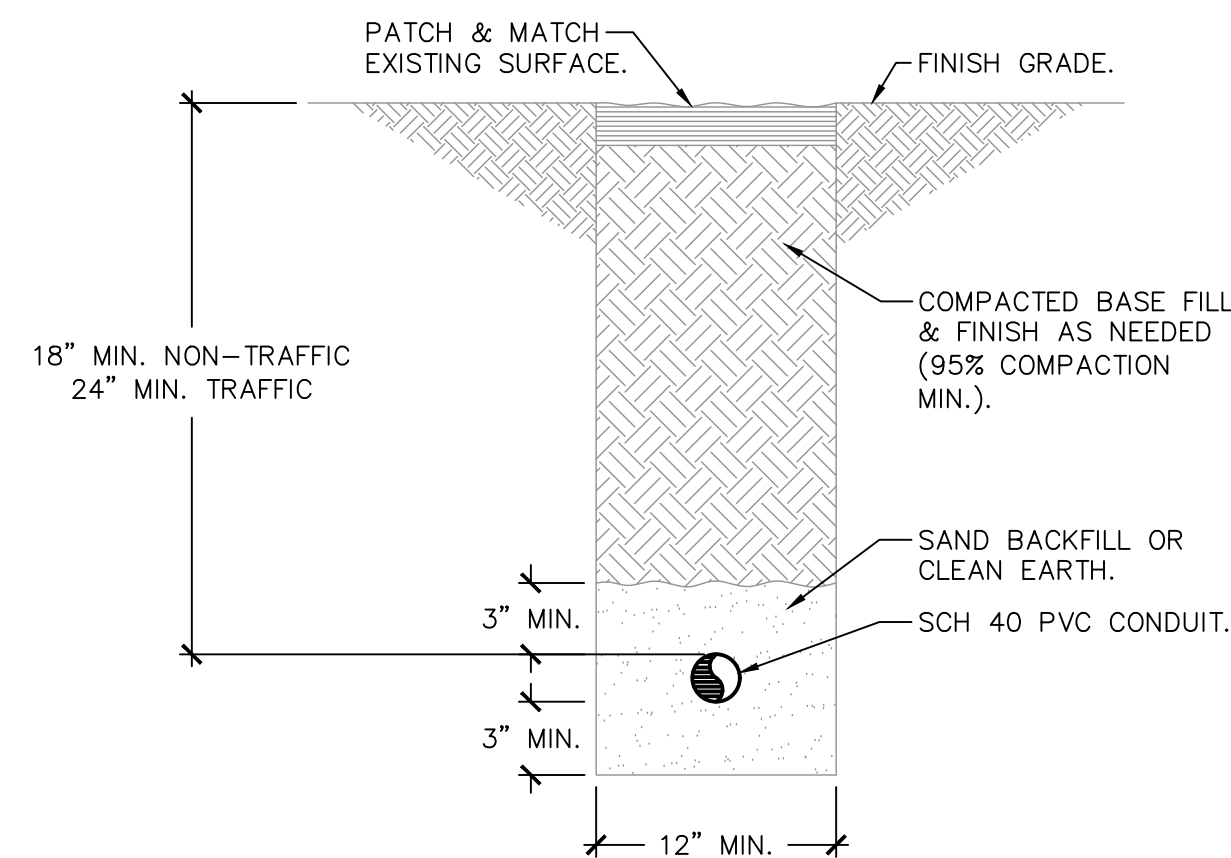
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CHECKED : NH
SCALE : NO SCALE

SHEET TITLE:
ELECTRICAL ONE-LINE
DIAGRAM

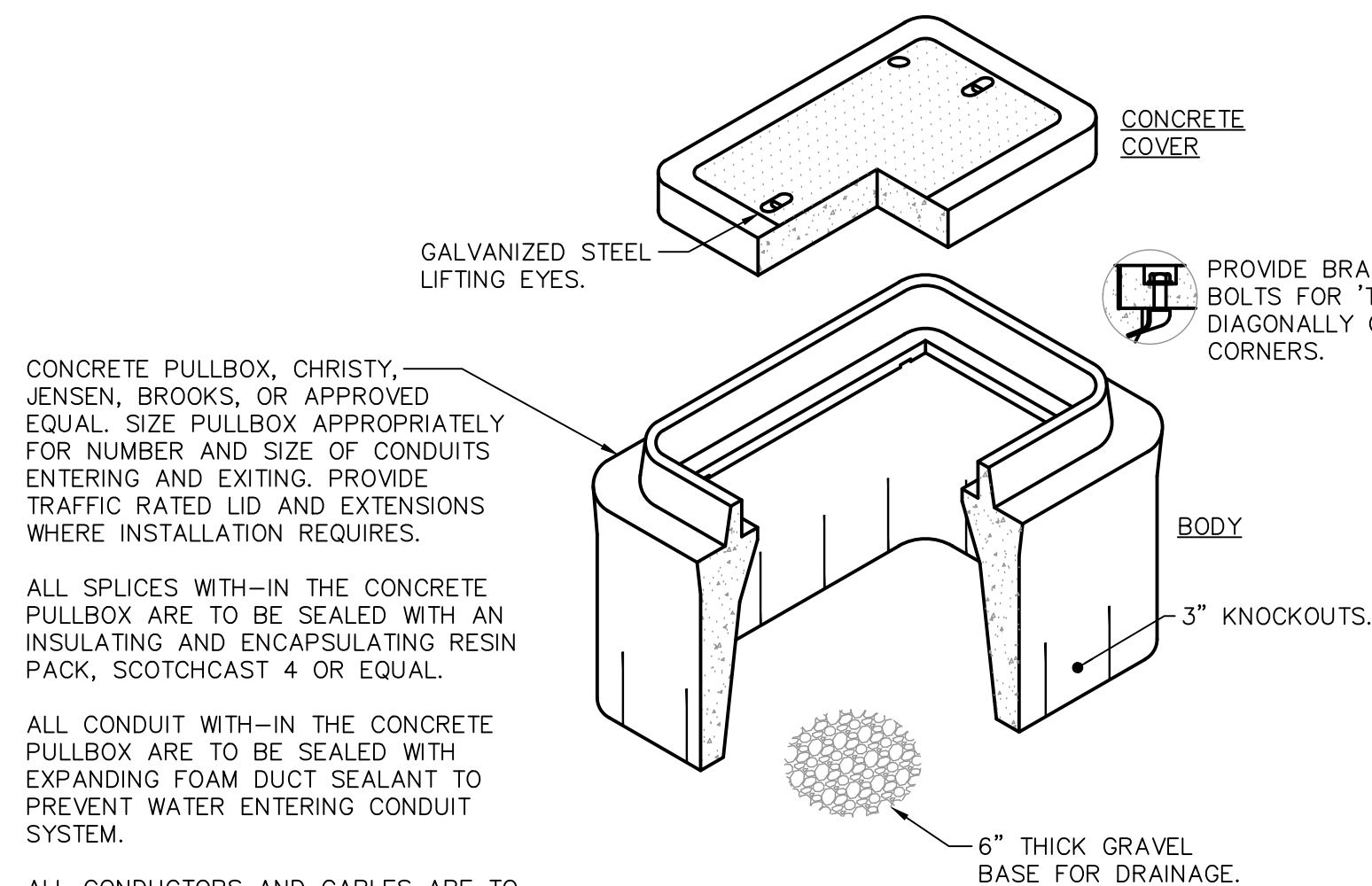


SHEET

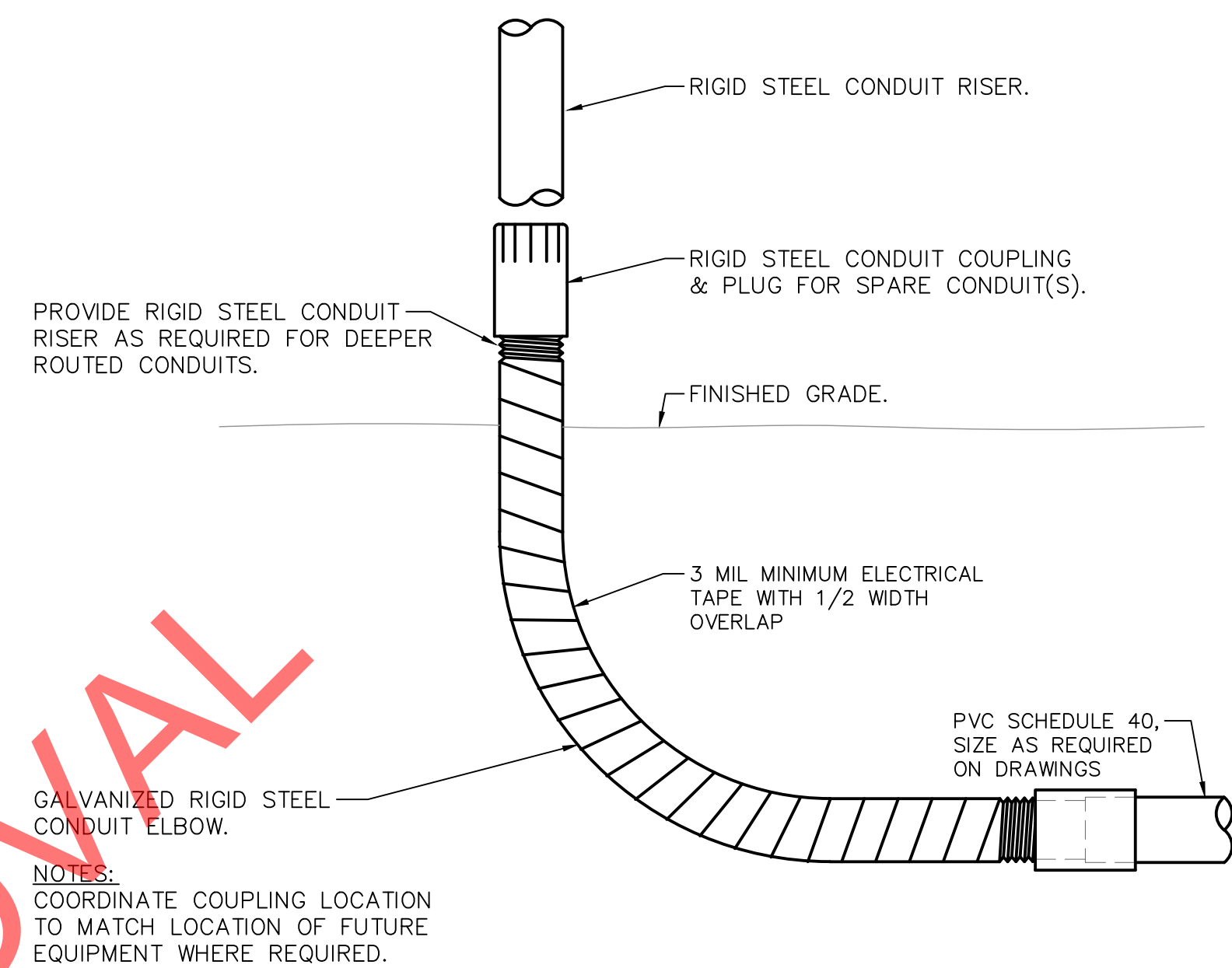
E0.2



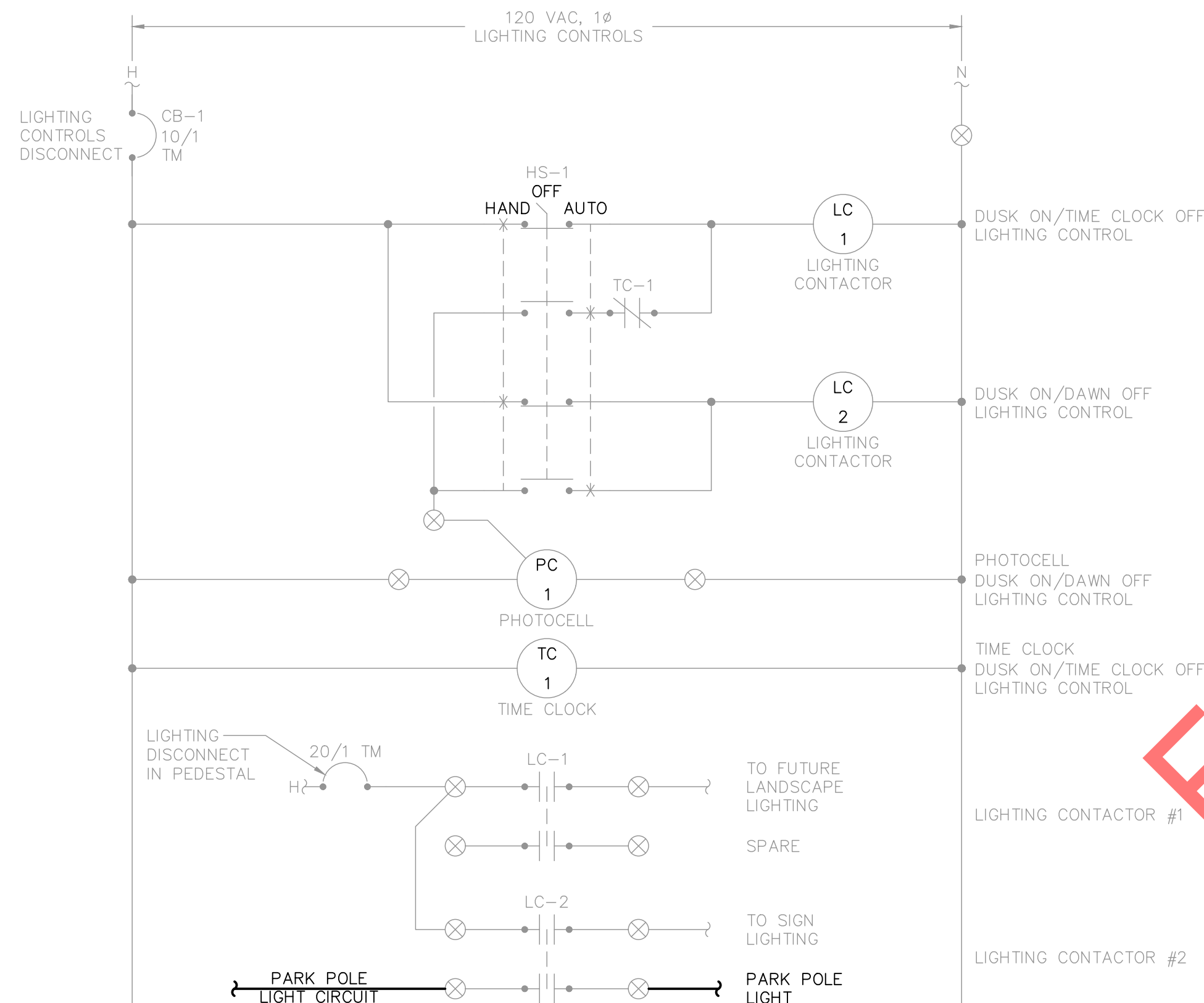
1 TYPICAL TRENCH DETAIL



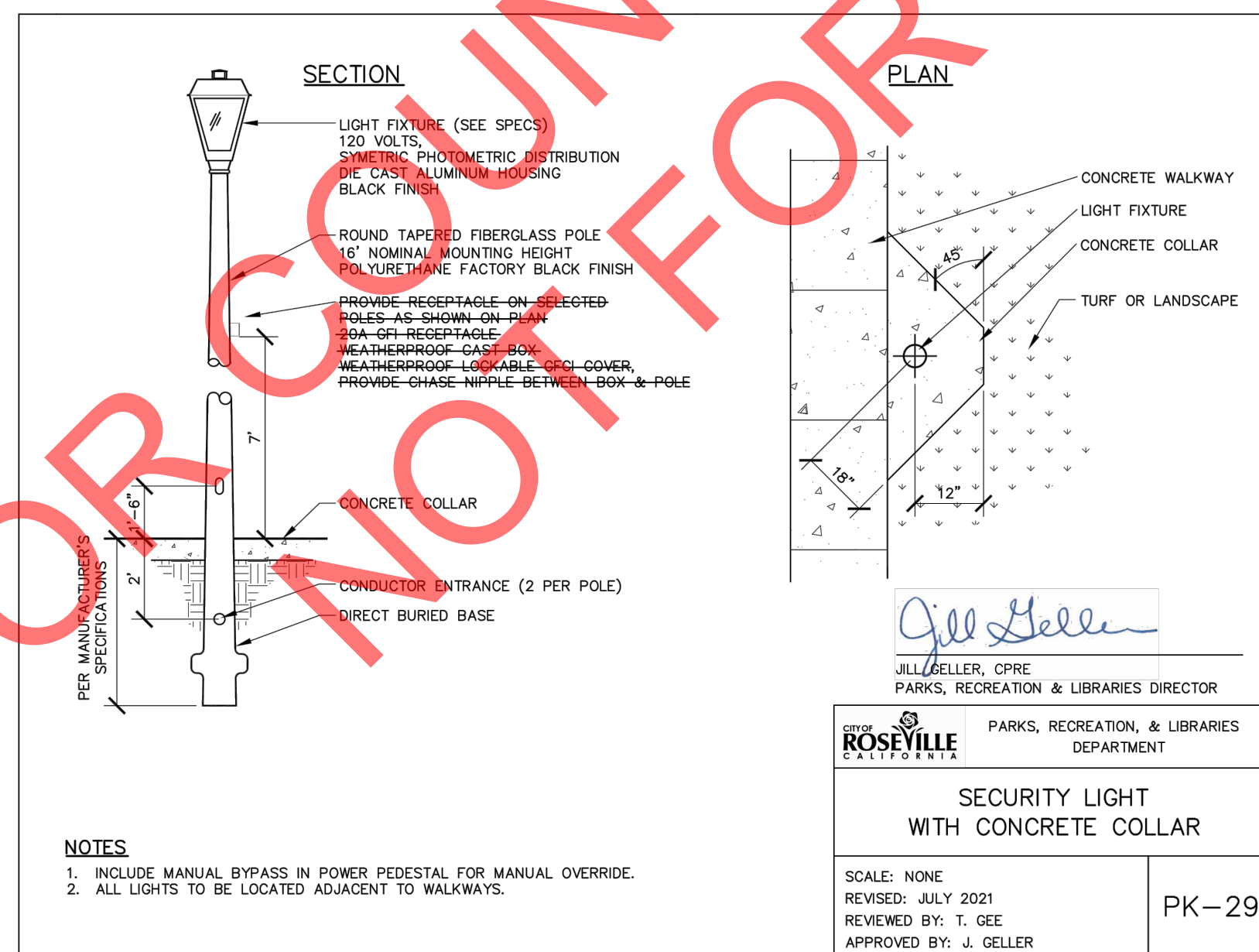
2 TYPICAL CONCRETE PULLBOX DETAIL



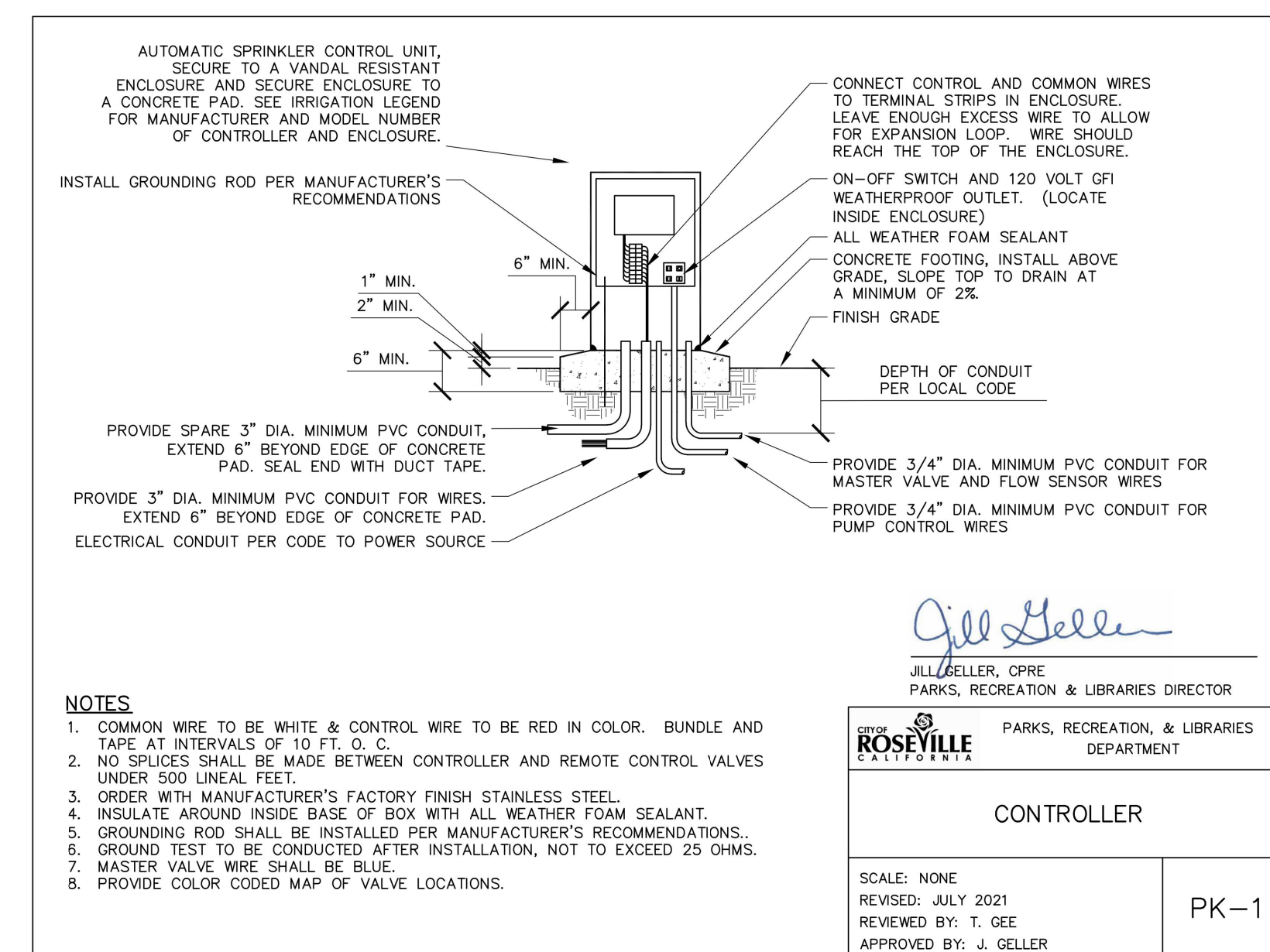
3 CONDUIT STUB-UP DETAIL



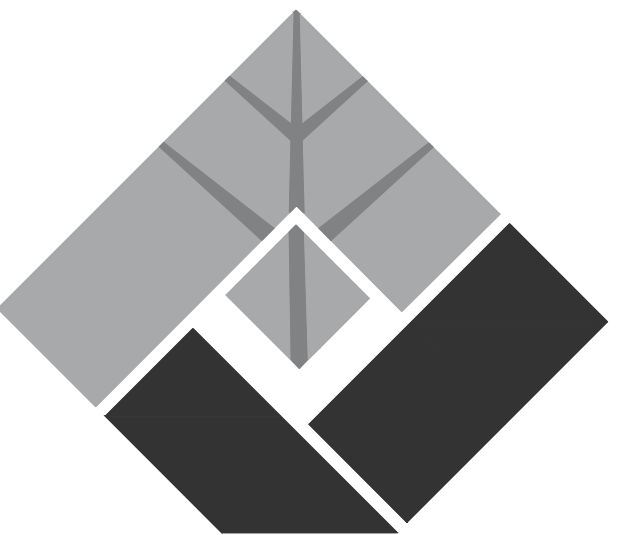
4 EXISTING LIGHTING CONTROL WIRING DIAGRAM



5 POLE MOUNTED AREA LIGHT DETAIL
NO SCALE



6 IRRIGATION CONTROLLER



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JOB NO. : CRV: 24071



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:
CITY OF ROSEVILLE

REVISIONS		DATE
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△		
ISSUE		DATE
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②	2ND SUBMITTAL	2.24.2025
③		
④		
⑤		



Date Signed: 2/19/25

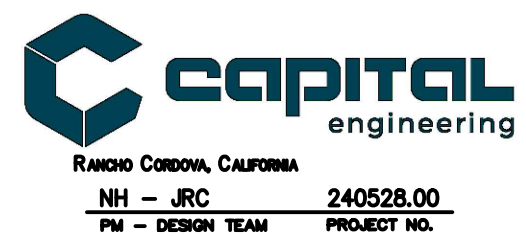
DRAWN : JRC
CHECKED : NH
SCALE: : NO SCALE

SHEET TITLE:
ELECTRICAL DETAILS

SHEET

E0.3

24 OF 28 SHEETS



RANCHO CORDOVA, CALIFORNIA	
NH - JRC	240528.00
PM - DESIGN TEAM	PROJECT NO.

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STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

Project Name:

Report Page: (Page 2 of 7)

Date Prepared: 11/20/2024

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv										Compliance Results					
01	02	03	04	05	06	07	08	09							
General Hardscape Allowance 140.7(d)1 / 170.2(e)6 (See Table I)	+	Per Application 140.7(d)2 / 170.2(e)6 (See Table J)	+	Sales Frontage 140.7(d)2 (See Table K)	+	Ornamental 140.7(d)2 / 170.2(e)6 (See Table L)	+	Per Specific Area 140.7(d)2 / 170.2(e)6 (See Table M)	OR	Existing Power Allowance 141.0(b)2L / 180.2(b)4Bv (See Table N)	=	Total Allowed (Watts)	≥	Total Actual (Watts)	07 must be >= 08
186	+	---	+	---	+	---	+	---	OR	---	=	186	≥	39	COMPLIES
Shielding Compliance (See Table G for Details)															COMPLIES
Controls Compliance (See Table H for Details)															Not applicable

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

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STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

Project Name:

Report Page: (Page 4 of 7)

Date Prepared: 11/20/2024

G. SHIELDING REQUIREMENTS (BUG)

This table includes fixtures of >=6,200 initial lumens indicated on Table F as needing to comply with Shielding Requirements. Maximum lumens can be found in Title 24, Part 11, Section 5.106.8.

01	02	03	04	05	06	07	08	09	10	11	12
Name or Item Tag	Complete Luminaire Description	Mounting Height ¹	Max Allowable Backlight Rating ³	Backlight Rating Per Design	Lighting type	Max Allowable Uplight Rating ³	Uplight Rating Per Design	Mounting Height ¹	Max Allowable Glare Rating ³	Glare Rating Per Design	Field Inspector
A	A	2 MH from property line	No Limit	B3	All other outdoor lighting, including decorative	U1	U3	> 2 MH from property line	G1	G2	Pass Fail

¹ FOOTNOTES: Mounting Height is labeled MH in this table.
² Authority Having Jurisdiction may ask for Luminaire cut sheets or other documentation to confirm luminaire type, uplight ratings and glare ratings used for compliance per 130.2(b) / 160.5(c)
³ BUG ratings with a lower number than the 'Max Allowable' are compliant. Ex. If 'Max Allowable' is Bug Rating B4, then B0, B1, B2 and B3 are all compliant.

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application.

Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01	02	03	04	05
Area Description	Shut-Off 130.2(c)1 / 160.5(c)	Auto-Schedule 130.2(c)2 / 160.5(c)	Motion Sensor 130.2(c)3 / 160.5(c)	Field Inspector
				Pass Fail

¹ FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.
² Authority having jurisdiction may ask for cut sheets or other documentation to confirm compliance of light source.
³ Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are exempted from ii and iii.

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CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

Project Name:

Report Page: (Page 1 of 7)

Date Prepared: 11/20/2024

A. GENERAL INFORMATION

01 Project Location (city)		04 Total Illuminated Hardscape Area (ft²)	1250
02 Climate Zone	1		
03 Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ):			
☐ LZ-0: Very Low - Undeveloped Parkland	☐ LZ-2: Moderate - Urban Clusters	☐ LZ-4: High - Must be reviewed by CA Energy Commission for Approval	
☒ LZ-1: Low - Rural Areas	☐ LZ-3: Moderately High - Urban Areas		
05 Occupancy Types within Project			
• All Other Occupancies			

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)6 or 141.0(b)2L / 180.2(b)4Bv for alterations.

My Project Consists of:

01	02
☒ New Lighting System	Must Comply with Allowances from 140.7 / 170.2(e)6
☐ Altered Lighting System	Is your alteration increasing the connected lighting load (Watts)?
03	04
% of Existing Luminaires Being Altered ¹	Sum Total of Luminaires Being Added or Altered
☐ < 10% ☐ >= 10% and < 50% ☐ >= 50%	Calculation Method

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.

¹ FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

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Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

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NRCC-LTO-E

Project Name:

Report Page: (Page 3 of 7)

Date Prepared: 11/20/2024

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)6 all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)2L only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H, and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

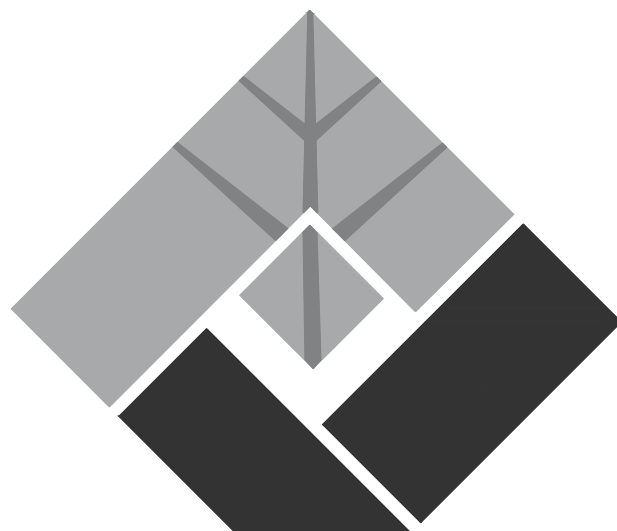
01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Watts per luminaire ^{1,2}	How is Wattage determined	Total Number Luminaires ²	Luminaire Status ³	Excluded per 140.7(a) / 170.2(e)6A	Design Watts	Cutoff Req. > 6,200 initial lumen output 130.2(b) / 160.5(c)1 ⁴	Field Inspector
A	A	☐ Linear	39	Mfr. Spec	1	New	☐	39	Provided
Total Design Watts:								39	

* NOTES: Selections with a * require a note in the space below explaining how compliance is achieved.
EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

¹ FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)
² For linear luminaires, wattage should be indicated as W/lf instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.
³ Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.
⁴ Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b) / 160.5(c)

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JOB NO. : CRV: 24071



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:
CITY OF ROSEVILLE

REVISIONS		DATE
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ISSUE		DATE
①	1ST SUBMITTAL	12.11.2024
②	2ND SUBMITTAL	2.24.2025
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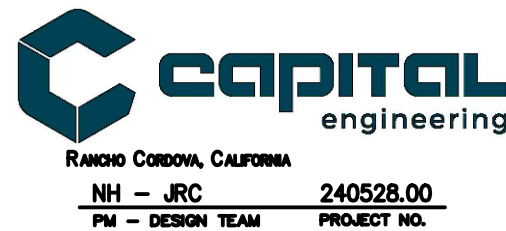
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SCALE: : NO SCALE

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TITLE 24

SHEET

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Rancho Cordova, California

NH - JRC 240528.00

PL - DESIGN TEAM PROJECT NO.

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STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name:	Report Page:	(Page 5 of 7)
	Date Prepared:	11/20/2024

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online

Form/Title

NRCL-LTO-E - Must be submitted for all buildings

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

There are no NRCA forms required for this project.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101

Documentation Software: EnergyPro Compliance ID: EnergyPro-30211-1124-1866 Report Generated: 2024-11-20 10:10:33

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name:	Report Page:	(Page 5 of 7)
	Date Prepared:	11/20/2024

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B /Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

☒ General Hardscape Allowance Table I (below)

☐ "Use it or lose it" Allowance (select all that apply) (select all that apply)

☐ Per Application Table J

☐ Sales Frontage Table K

☐ Ornamental Table L

☐ Per Specific Area Table M

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

02	03	04	05	06	07	08	09
Area Description	Area Wattage Allowance (AWA)	Linear Wattage Allowance (LWA)	Total General AWA + LWA (Watts)				
	Illuminated Area (ft²)	Allowed Density (W/ft²)	Area Allowance (Watts)	Perimeter Length (lf)	Allowed Density (W/lf)	Linear Allowance (Watts)	
FD-51 Park	1250	0.016	20	125	0.1	16.2	36
Initial Wattage Allowance for Entire Site (Watts):							
Instances of Initial Wattage Allowance (LZ 0 only):							
Total General Hardscape Allowance (Watts):							36

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

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STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE		NRCC-LTO-E
Project Name:	Report Page:	(Page 7 of 7)
Project Address:	Date Prepared:	11/20/2024

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Rustem Kopbayev

Documentation Author Signature: Rustem

Company: Capital Engineering Consultants Inc.

Signature Date: 2024-11-20

Address: 11020 Sun Center Drive Suite 100

CEA/ HERS Certification Identification (if applicable):

City/State/Zip: Rancho Cordova CA 95670

Phone: 916-851-3575

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer)
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Nathan Hearn

Responsible Designer Signature: Nathan A. Hearn

Company: Capital Engineering Consultants Inc.

Date Signed: 2024-11-20

Address: 11020 Sun Center Drive Suite 100

License: E23927

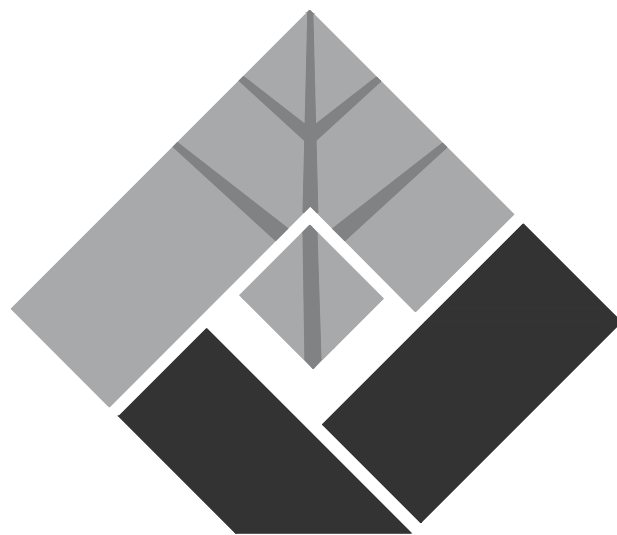
City/State/Zip: Rancho Cordova CA 95670

Phone: 916-851-3568

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

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FUHRMAN LEAMY
LAND GROUP
DESIGN • SERVICE • SOLUTIONS

2140 PROFESSIONAL DRIVE, SUITE 115
ROSEVILLE, CALIFORNIA 95661
916.783.5263 • FLLANDGROUP.COM

JOB NO. : CRV-24071



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

REVISIONS	DATE
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△	
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ISSUE	DATE
① 1ST SUBMITTAL	12.11.2024
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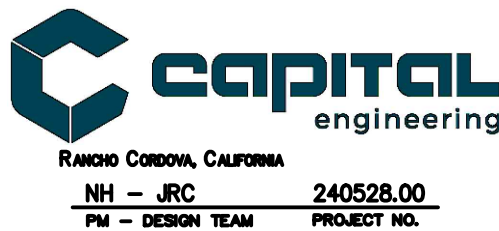


Date Signed: 2/19/25

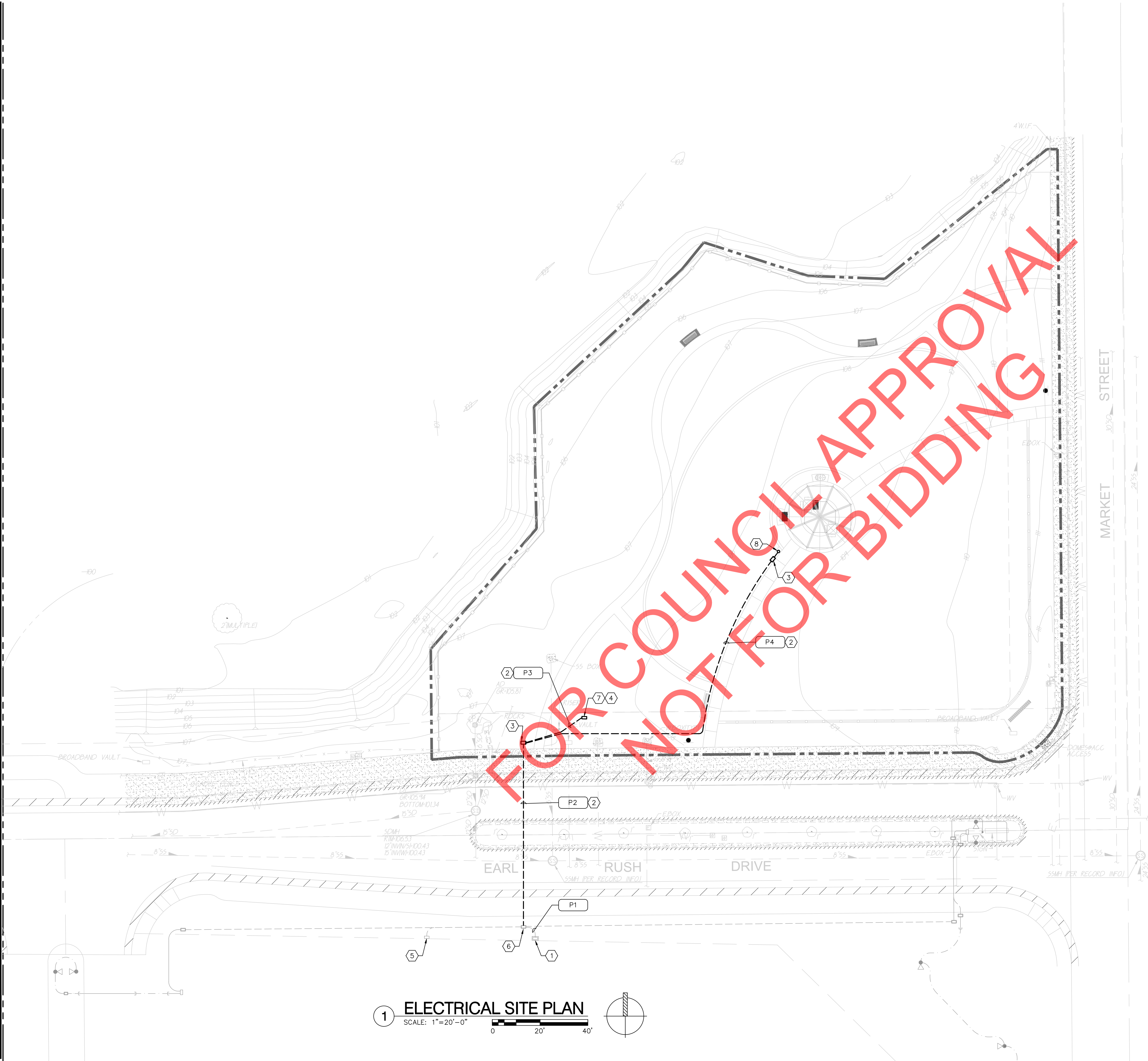
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TITLE 24

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26 OF 26 SHEETS

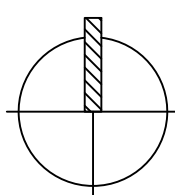


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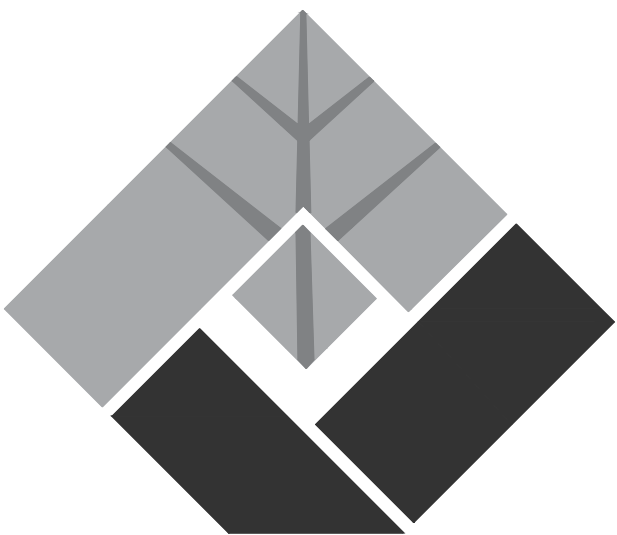
1 ELECTRICAL SITE PLAN
SCALE: 1"=20'-0"

0 20' 40'



SHEET KEYNOTES

- 1 EXISTING UTILITY SERVICE PEDESTAL. FOR CONNECTIONS, SEE ONE-LINE DIAGRAM ON SHEET E0.2.
- 2 UNDERGROUND CONDUIT, FOR INSTALLATION SEE TYPICAL TRENCH DETAIL ON SHEET E0.3.
- 3 UNDERGROUND CONCRETE PULLBOX, FOR INSTALLATION SEE TYPICAL CONCRETE PULLBOX DETAIL ON SHEET E0.3.
- 4 CONDUIT STUB-UP, FOR INSTALLATION, SEE CONDUIT STUB-UP DETAIL ON SHEET E0.3.
- 5 EXISTING IRRIGATION CONTROLLER.
- 6 EXISTING UNDERGROUND CONCRETE PULLBOX. VERIFY EXACT LOCATION IN FIELD.
- 7 IRRIGATION CONTROLLER. COORDINATE EXACT LOCATION AND CONNECTION REQUIREMENTS WITH LANDSCAPE CONTRACTOR. REFER TO IRRIGATION CONTROLLER DETAIL 6, SHT. E0.3 FOR INFORMATION.
- 8 POLE MOUNTED AREA LIGHT. REFER TO LIGHTING FIXTURE SCHEDULE ON SHEET E0.1 AND POLE MOUNTED AREA LIGHT DETAIL 5, SHT. E0.3 FOR ADDITIONAL INFORMATION.



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JOB NO. : CRV-24071



CITY OF ROSEVILLE APPROVAL

PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

REVISIONS

DATE



ISSUE

DATE

1	1ST SUBMITTAL	12.11.2024
2	2ND SUBMITTAL	2.24.2025
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Date Signed: 2/19/25

DRAWN :

JRL

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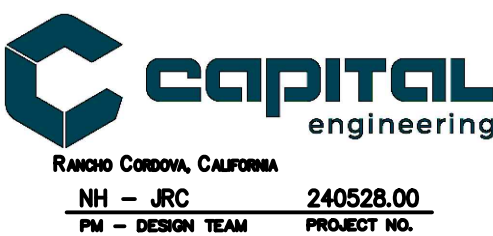
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SCALE :

AS NOTED

SHEET TITLE:

ELECTRICAL SITE PLAN



RANCHO CORONA, CALIFORNIA
NH - JRC
PM - DESIGN TEAM
240528.00
PROJECT NO.

SHEET

E1.0

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GENERAL ELECTRICAL PROVISIONS

DESCRIPTION

- A. Furnish all necessary labor, materials, equipment and incidentals required to install a complete and operational electrical system according to the intent of these specifications and the accompanying drawings.

Operating Requirements

- A. Permits: The Contractor shall pay for permits, inspections and other costs incidental to providing electrical installations.
- B. Contractor's Record Drawings: The Contractor shall maintain a neatly marked set of record drawings showing the installed location and routing of conduits, trays, cables, junction boxes, pull boxes, outlets, and interconnection circuits, etc., and the current status of control circuits as reflected on the control diagrams to the satisfaction of the Construction Manager.

INTERPRETATION OF DRAWINGS

- A. Any error or omission of details in either the drawings or the specifications shall not relieve the Contractor from correctly installing all materials necessary for complete and operating electrical system.

INSPECTION

- A. The Contractor shall cooperate with the Construction Manager and shall provide assistance at all times for the inspection of the electrical work. Remove covers, operate machinery, or perform any reasonable work, which, in the opinion of the Construction Manager, will be necessary to determine the quality or adequacy of the work.
- B. Work shall not be closed in or covered before inspection and approval by the Construction Manager. Cost of uncovering and making repairs where uninspected work has been closed in shall be borne by the Contractor.

QUALITY OF MATERIALS

- A. All electrical materials used on this project shall conform where applicable, to the following standards and codes, unless otherwise noted:
- NEMA – National Electrical Manufacturers Association.
 - ANSI – American National Standards Institute.
 - UL – Underwriters Laboratories, Inc.
 - NEC – National Electric Code
 - CEC – California Electric Code

SUBMITTALS

General: Submittals for all electrical equipment provided under this project manual shall be prepared and submitted within 30 days after notice to proceed. The submittal package for each individual equipment or groups of related equipment shall be complete and in accordance with this Section. The following, as a minimum, shall be submitted:

- Manufacturer and material type and designation.
- Manufacturer's catalog data indicating rated capacity, efficiency, rated output and other characteristics.
- Any exception to these specifications along with justification for each exception.
- Shop drawings.
- Parts list with material of construction.
- Installation requirements, showing various clearances required.
- Details of all appurtenances to be furnished with the specified item.

MATERIALS

All materials and equipment shall be new, free from defects, of current manufacture, and of the quality specified or shown, and shall be listed by the Underwriters Laboratories Inc. (UL). Each type of material shall be of the same manufacture and quality throughout the work.

INSTALLATION

- A. Each item of equipment provided as a part of this project shall be installed, aligned and tested by skilled workmen to the tolerances recommended by the equipment manufacturer.
- B. All equipment shall be located and installed so that it will be readily accessible for operation and maintenance. The Owner reserves the right to require minor changes in location of outlets or equipment, prior to roughing in, without incurring any additional costs or charges.

EXCAVATING AND BACKFILLING

- A. The excavations required for the installation of conduit, foundations, and other appurtenances shall be performed in such a manner as to cause the least possible injury to the streets, sidewalks, and other improvements. All lawns or improvements disturbed in excavating shall be replaced or reconstructed with the same kind of material as found on the work or with materials of equal quality. The trenches shall not be excavated wider than necessary for the proper installation of the electrical appurtenances and foundations. Excavating shall not be performed until immediately before installation of conduit and other appliances.
- B. The material from the excavation shall be placed in a position that will not cause damage or obstruction to vehicular and pedestrian traffic nor interfere with surface drainage.
- C. Backfill material shall be placed in six inch (6") layers. Each layer of backfill shall ne moistened and thoroughly tamped, rolled, or otherwise compacted until the relative compaction is not less than ninety-five percent (95%). Compacting of backfill material by pounding or jetting will not be permitted.
- D. All surplus excavated material shall be removed and disposed of within forty-eight (48) hours by the Contractor. All sidewalks and gutters shall be swept clean.

CONDUIT, CONDUIT FITTINGS AND CONDUIT SUPPORTS

GENERAL

- A. All raceways shall be as indicated on the drawings or in these specifications. Minimum size of all conduits shall be 3/4–inch.

RIGID METAL CONDUIT (RMC)

- A. Galvanized Rigid Steel Conduit: Hot-dip galvanized after thread cutting. Manufactured in conformance with UL 6 and ANSI C80.1
- B. Acceptable Manufacturers:
- Allied Tube & Conduit.
 - Beck Manufacturing Inc.
 - Picoma

RIGID NON–METALLIC CONDUIT

- A. Acceptable Manufacturers:
- Poly-vinyl chloride (PVC) conduit:
 - Carlou
 - Certainteed Corporation.
 - Western Plastics Corporation.
 - Schedules 40:
 - Polyvinyl–chloride (PVC) plastic compound which meets, as a minimum, ASTM D1784 cell classification PVC 12233–A, B, or C.
 - Rated for direct sunlight exposure.
 - Fire retardant and low smoke emission.

CONDUIT FITTINGS AND ACCESSORIES

- A. Acceptable Manufacturers:
- Adolet.
 - Appleton.
 - Carlou.
 - Certainteed.
 - Crouse–Hinds.
 - Killark.
 - Occidental Coating Company.
 - OZ Gedney Company.
 - Perma–Cote.
 - RACO.
 - Rob–Roy Ind.
 - Steel City.
 - Thomas and Betts.
- B. Fittings for Use with Rigid Non–Metallic Conduit:
- Fittings shall be of the same material, thickness, and construction as the conduits with which they are used.
 - Standards:
 - UL 651.
 - NEMA TC–2–1978.
 - Solvent cement for welding fittings shall be supplied by the same manufacturer as the conduit and fittings.
 - Shall not be more than 1 year past date of manufacture.

EXECUTION

INSTALLATION – GENERAL

- A. All conduit entering sheet steel boxes or cabinets shall be secured by locknuts on both the interior and exterior of the device and shall have an insulating bushing constructed over the conduit end. All surface mounted cast boxes and plastic enclosures shall have threaded hubs. All joints shall be made with standard threaded couplings or specified unions. Running threads shall not be used in lieu of conduit nipples, nor shall excessive thread be used on any conduit. The ends of all conduits shall be cut square, reamed and threaded with straight threads.

INSTALLATION

- A. Field Cutting and Threading Conduit:
- Rigid non–metallic conduit:
 - Use fine tooth handsaw and miter box for cutting to length.
 - Use reamer to debur, smooth, and evenly chamfer the inside.
 - Smooth exterior to remove all burrs.

REQUIREMENTS FOR CONDUIT INSTALLATION

- A. Before any wire is pulled in the conduit system, all conduit shall be swabbed out to remove any foreign material that is in the conduit. The removal of foreign material from the conduit with compressed air is acceptable.
- B. Conduit entering controller or service cabinets shall be sealed to prevent the entrance of gases by use of paraffin or other sealing compound.

TESTING AND START-UP

- A. The Contractor shall furnish all labor, materials, instruments and tools to make all connections for testing. All electric power, fuel, water, supplies, and utilities required for all tests shall be provided by the Contractor.
- B. All equipment shall be demonstrated as operating properly prior to the acceptance of the work.
- C. These tests shall be made in the presence of the Construction Manager and the results shall be recorded by the Contractor and submitted to the Construction Manager. All deficiencies or unsatisfactory conditions, as determined by the Construction Manager or inspecting authorities, shall be corrected by the Contractor in a satisfactory manner at the Contractor's expense.

WIRE AND CABLE – 600 VOLT AND BELOW

GENERAL

DESCRIPTION

- A. Scope: This section provides specifications for all wire and cable (600 volts and below) used for electrical current conductors.
- B. Type: All conductors shall be copper, type B stranded. The minimum size of power conductors shall be No. 12 AWG.

QUALITY ASSURANCE

- A. The wire and cable shall be of premium quality suitable for installation in conduit above ground and underground.
- B. Referenced Standards:
- Insulated Cable Engineers Association/National Electrical Manufacturers Association (ICEA/NEMA): S–61–402/WC 5, Cross–Linked Thermosetting.
 - National Fire Protection Association (NFPA): NFPA 70, National Electrical Code (NEC)
 - Underwriters Laboratories, Inc. (UL):
 - UL 83, Insulated Wires and Cables.
 - UL 486A, Wire Connectors and Soldering Lugs for use with Copper Conductors.
 - UL 486B, Wire Connectors for use with Aluminum Conductors.
 - UL 510, Insulating Tape.

LABELING

- A. Electrical conductors shall be delivered to the job site plainly marked or tagged on 24–inch centers as follows:
- Underwriters' Label.
 - Gauge.
 - Voltage.
 - Kind of Insulation.
 - Name of Manufacturer.
 - Trade Name

INSULATION

- A. All conductors shall be rated at 600 Volts.
- B. All wiring shall be type THW or THWN unless otherwise noted.
- C. All conductors shall be sized for operation at 75 degrees C maximum operating temperature.

CONDUCTORS

- A. Unless specifically noted otherwise herein, all conductors for general wiring shall be a minimum of 98 percent conductivity, stranded, soft drawn copper. Aluminum or aluminum alloys are not acceptable.

PULLING LUBRICANT

- A. All cables shall be properly coated with pulling compound recommended by the cable manufacturer before being pulled into conduits so as to prevent mechanical damage to the cables during installation.
- B. Other lubricants to be substituted must be accompanied by a statement from the cable manufacturer as to its acceptable use with the cable being installed.

CONNECTIONS

- A. Wire nuts for joints, splices and taps for conductors #8 and smaller shall consist of a cone shaped expandable coil spring insert, insulated with a Teflon or plastic shell. Threaded or crimp types will not be accepted. Use "Skotchlock", "Hydent", or equal.
- B. Terminals for stranded conductors #8 and smaller shall be a pre-insulated crimp type.
- C. Lugs and connectors for conductors #6 and larger shall be compression types of one-piece tubular construction with flat rectangular tongues. Fittings for copper conductors shall be tin-plated copper.
- D. Electrical tape shall be UL approved plastic.

WIRE AND CABLE TERMINATION AND SPLICING

- A. Subject to compliance with Contract Documents, the following manufacturers are acceptable:
- Burndy Corporation.
 - Ideal.
 - Minnesota Mining and Manufacturing Co.
 - Penn Union.
 - Thomas and Betts.
- B. Splicing of cables and wires in the manholes and handholes shall be kept at a minimum. Where it is possible to pull cables or wires directly through the manholes or handholes, splicing shall be moisture–proof and encapsulated using insulating sealing compound. Splicing kits similar to 3M Company 82A or 8500 Series shall be utilized.

COLOR CODING AND LABELING

- A. Color Coding of Low_Voltage Building Wire: Provide color–coding throughout the entire network of feeders and circuits (600 volts and below) as follows:

Phase	120/240 Volts
Phase A	Black
Phase B	Red
Phase C	Blue
Neutral	White
Ground	Green

SEALING CONDUCTORS IN CONDUITS

- A. All conduits containing conductors shall be sealed as the conduit enters pull boxes and electrical vaults and manholes. Power conductor, control conductors, and instrumentation conductors shall be bundled and supported separately and independently in pullboxes, vaults and manholes.

PERFORMANCE TESTS

- A. General:
- All splices and terminations are subject to inspection by the Engineer prior to and after insulating.
 - After the visual inspection of joints and connections and the application of tape and other insulating materials, all sections of the complete system of wiring shall be thoroughly tested for shorts and grounds. The Contractor shall correct all defects.

LOW VOLTAGE DIRECT BURIAL CABLE

DESCRIPTION

- A. Cable shall be constructed for direct burial installation using (2) stranded copper conductors of the size indicated on the plans. The cable jacket shall be black polyvinylchloride (PVC) with the conductors duplexed in a flat construction to promote easy teardown during installation.
- B. Cable shall be rated for a maximum of 150 volts operation and have a temperature rating of –20 degree C to +60 degree C.
- C. Cable shall be UL listed 1493 for outdoor applications and for direct burial applications.

CIRCUIT BREAKERS

- A. Circuit Breakers: Cutler–Hammer or approved equal.
- B. One, two or three–pole bolt on, single handle common trip, rated 15 to 100 amp, 600VAC as indicated on Drawings.
- C. Overcenter toggle–type mechanism, quick–make, quick–break action. Trip indication is by handle position.
- D. Calibrate for operation in 40C ambient temperature.
- E. 15 to 100 Amp Breakers: Permanent trip unit containing individual thermal and magnetic trip elements in each pole.
- F. Provide removable load lugs, UL listed for compression type lugs, copper conductors only.
- G. Provide circuit breakers, specified herein and on Drawings, for installation in panelboards, or individual enclosures.

WIRING DEVICES

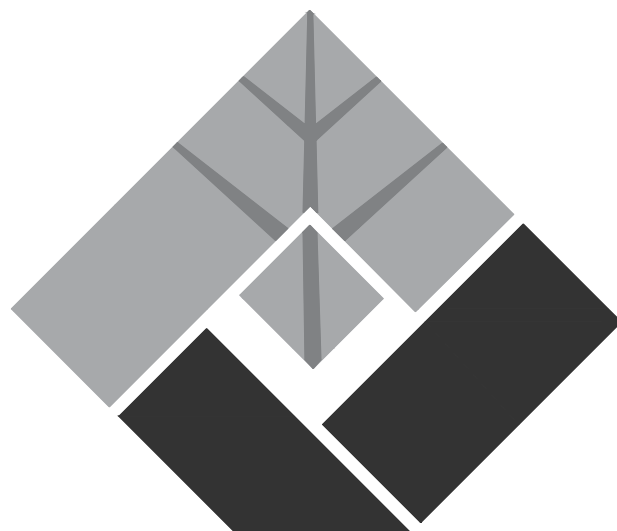
DESCRIPTION

- A. All wiring devices shall be specification grade with provisions for back wiring and side wiring with captive–held binding screws. All receptacles shall be of the grounding type.
- B. 120V GFCI receptacles shall be UL listed and shall have provisions for trip indication, testing and resetting.

GROUNDING

DESCRIPTION

- A. Ground rods shall be one piece, 3/4–inch in diameter by 10 feet in length and shall be copper clad steel. The copper exterior shall be molten welded to the steel core. The rod heads shall be chamfered to prevent mushrooming during driving. Manufacturer shall be Eritech, NEHRING, or approved equal.
- B. The grounding system shall be as shown and as required by codes and regulations.



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2140 PROFESSIONAL DRIVE, SUITE 115
ROSEVILLE, CALIFORNIA 95661
916.783.5263 • FLANDGROUP.COM

JOB NO. : CRV-24071



PROJECT:

ROCKY
ROCKHOLM PARK
(FD-51)

3000 EARL RUSH DRIVE
ROSEVILLE, CA

CLIENT:

CITY OF ROSEVILLE

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Date Signed: 2/19/25

DRAWN : JRC
CHECKED : NH
SCALE : NO SCALE

SHEET TITLE:
ELECTRICAL
SPCIFICATIONS

SHEET

E2.0



Project Manual for the Rocky Rockholm (FD-51) Park Project

March 2025

The latest edition of the City of Roseville Parks Construction Standards are incorporated by reference as a part of this Project Manual. The Parks Construction Standards are available at www.roseville.ca.us/parksintheworks.

Parks, Recreation & Libraries
316 Vernon Street, Suite 400
Roseville, California 95678
www.roseville.ca.us



Notice to Bidders

DATE: 2/25/2025

TO: Prospective Bidders

FROM: Joel De Jong, Park Development Project Manager

RE: Rocky Rockholm (FD-51) Park Project

Project Description: The City of Roseville is now accepting bid proposals for the Rocky Rockholm (FD-51) Park Project. The scope of work for the base bid includes, but is not limited to: Purchase and Installation of new planting, irrigation, concrete walkways, benches, electrical, and a shaded seating area.

Contract Documents: A Project Manual, including all Contract Documents and the Proposal forms for bidding this project, may be obtained online from the City of Roseville's website at www.roseville.ca.us/business/procurement_services/bids_rfps. All communications relative to this project shall be conducted through Public Purchase.

Potential bidders are advised to obtain all documents and specifications related to this project directly from the City of Roseville. The City of Roseville does not guarantee the accuracy of any forms, plans, or project manuals obtained through outside sources other than the City of Roseville. Furthermore, the City does not guarantee the distribution of any addendums or the accuracy of their content if obtained from a third party.

Bidders expressly assume the risk that their bid will be rejected from the use of project manuals or project plans obtained from third parties other than the City of Roseville.

Prime Contractor Qualifications: Bidding Prime Contractors are required to provide relevant project experience to demonstrate qualifications for this park project. A project experience form has been provided in the bid documents, and shall be fully completed by the Contractor detailing previous experience which satisfies the project prerequisite. This prerequisite includes the successful completion of five (5) park projects of similar size and scope to that of the current project and which has been completed within the last three (3) years.

Engineer's Estimate: The engineer's estimate for construction of the base bid items is **\$419,000.00**

Pre-Bid Meeting: Not Applicable.

Questions: The deadline for submission of questions and clarifications regarding the Contract Documents is 4/2/2025. In order to meet the required timeline to issue addenda, questions will not be accepted after this date. Only Addenda issued by the City are binding. All questions shall be directed to the attention of Joel De Jong via Public Purchase at <https://roseville.ca.us/rfp>.

Bid Deadline: Proposals will be received at the Office of the City Clerk, 311 Vernon Street, Roseville, California, until 3:00 p.m. on 4/15/2025. The proposals will be publicly opened and read by the City Clerk or designee of the City of Roseville in the City Clerk's Office at 3:05 p.m. on that same day.

The July 2023 edition of the City of Roseville Parks Construction Standards will be applicable to this project. The successful bidder will be required to use the standards contained in the book for the construction of this project.



Parks, Recreation & Libraries
Park Development
316 Vernon Street, Suite 400
Roseville CA 95678

Notice to the apparent low bidder for the Rocky Rockholm (FD-51) Park Project.

In order to move forward with the award of this project, the City of Roseville requests that you submit the following documents:

1. Agreement (two sets of originals, single-side print) with either:
 - wet signatures from two corporate officers*, or
 - wet signature from one corporate office **plus** the corporate seal

** In accordance with Section 313 of the California Corporations Code, any document executed by a corporation requires the signature from at least one person from EACH of the following two groups:*

GROUP ONE

Chairman of the Board
President
Vice President

GROUP TWO

Secretary
Assistant Secretary
Chief Financial Officer
Assistant Treasurer

If an officer holds a title in each of the above groups (dual title), that officer may sign for each of the two groups by two separate signatures with the appropriate title listed with his or her signature.

2. Public Works Faithful Performance Bond – fully executed and notarized
3. Public Works Labor and Materials Payment Bond – fully executed and notarized
4. Insurance Certificates – e-mailed to roseville@ebix.com and jdejong@roseville.ca.us

We request that all documents be received by **April 23, 2025**.

Please contact us if you are unable to meet this deadline.

Send completed forms to:

City of Roseville - Parks, Recreation & Libraries Department
Attn: Joel De Jong
316 Vernon Street, Suite 400
Roseville CA 95678

The Parks, Recreation & Libraries Department requires submittal of all of the above executed documents prior to City Council bid award.

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CITY OF ROSEVILLE

DEPARTMENT OF Parks, Recreation, & Libraries

Name of Project: Rocky Rockholm (FD-51) Park Project

NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN THAT sealed Proposals will be received at the Office of the City Clerk, 311 Vernon Street, Roseville, California, until April 15th 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 April 15th, 2025 at the Office of the City Clerk located at 311 Vernon Street, Roseville California for the following project: Rocky Rockholm (FD-51) Park Project.

A pre-bid meeting will be held at Not Applicable.

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. 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 acknowledgment 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, 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 A, C-27 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 5 “Legal Relations and Responsibility” of the General Conditions.

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.

Vehicles with a GVWR greater than 8,500 lbs. and light – duty package delivery vehicles operated in California may be subject to the California Air Resources Board Advanced Clean Fleets regulations. Such vehicles may therefore be subject to requirements to reduce emissions and air pollutants. For more information, please visit the CARB Advanced Clean Fleets

webpage at <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>. In addition, certain off-road diesel vehicles may be subject to the CARB In-Use Off-Road Diesel-Fueled Fleets Regulation. For more information, please visit the CARB In-Use Off-Road Diesel-Fueled Fleets Regulation webpage at <https://ww2.arb.ca.gov/our-work/programs/use-road-diesel-fueled-fleets-regulation>.

All questions prior to the deadline for bid submissions shall be directed to the attention of Joel De Jong via Public Purchase at <https://roseville.ca.us.rfp>. The deadline for submissions of questions and clarifications regarding the Contract Documents is 8 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 the General Conditions 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 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 General Conditions, 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 General Conditions, 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.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

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 General Conditions, 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 General Conditions. 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.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

PROPOSAL TO THE DEPARTMENT OF Parks, Recreation, & Libraries

Project: Rocky Rockholm (FD-51) Park

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: _____

City of Roseville Business License No. _____

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, Specifications, General Conditions, 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.]

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

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/ TYPE OF WORK	% OF CONTRACT	SUB- CONTRACTOR'S NAME	CONTRACTOR LICENSE NO.	DIR REG NO.	BUSINESS ADDRESS (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.

(Signature of Bidder)

Business Address

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

(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

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SCHEDULE OF BID ITEMS

ROCKY ROCKHOM (FD-51) PARK PROJECT

The bidder, in compliance with the published Notice to Contractors, having examined the Plans and Specifications, any and all addenda, any related documents, and all of the sites of the proposed work, and being familiar with all the conditions surrounding the construction of the proposed project, including the availability of material, hereby proposes to furnish all labor, materials, and supplies, and to construct the project in accordance with the Contract Documents, within the time period set forth therein, and at the prices stated. This is a lump sum bid project. These prices are to include all labor, materials, supplies, and all other expenditures incidental to complete compliance to the Contract Documents.

The work to be included in the Contract shall be determined by the City prior to award of Contract. **The amount of the bid for comparison and award purposes shall be the total amount set forth in the "Grand Total Bid Price"**. The City reserves the right to award none, all or selected add alternates as the budget permits.

BASE BID:

Base bid includes all work as shown on the plans, project manual, and addenda to construct the **Rocky Rockholm (FD-51) Park** project.

Numerical **Base Bid**: \$ _____

Written **Base Bid**: _____ dollars and _____

ADD ALTERNATES:

Add Alternate #1 – Addition of Sodded Tuff and Irrigation as shown on the Plans.

Numerical **Additive Alternative #1 Bid**: \$ _____

Written **Additive Alternative #1 Bid**: _____ dollars and _____

WINTER CONSTRUCTION SUSPENSION ALLOWANCE:

\$15,000

Include Fifteen Thousand dollar Winter Construction Suspension Allowance in Grand Total Bid Price.

GRAND TOTAL BID PRICE:

Lump sum Base Bid plus Add Alternate #1 and Winter Construction Suspension Allowance Numerical

Grand Total Bid Price: \$ _____

Written **Grand Total Bid Price**: _____ dollars and _____

The additions/deletions sheets (PROP – 10C through PROP – 10D) shall be completed in their entirety.

The additions/deletions sheets will not be considered for bid award but may be used for contract change orders.

Contractor Name (print or type): _____

Signature (by authorized representative): _____

Date: _____ License No.: _____ Class: _____

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

ROCKY ROCKHOLM (FD-51) PARK PROJECT

For Additions and Deletions Only

Contractor shall provide itemized costs as shown below for use during construction for additions

or deletions only. Unit costs to be listed are based on the project plans, specifications, Parks

Construction Standards and the Design & Construction Standards, unless otherwise noted. Items listed are not necessarily shown on the plans or identified in the Technical Specifications.

Item	Description	Unit	Unit Cost
1	EC-2 Preservation of Existing Vegetation	sf	
2	EC-3 Hydraulic Mulch	sf	
3	EC-4 Hydroseeding	sf	
4	EC-6 Straw Mulch	sf	
5	EC-7 Geotextiles and Mats	sf	
6	EC-8 Wood Mulching	sf	
7	EC-10 Velocity dissipation device	ea	
8	EC-11 Slope Drains	ea	
9	EC-14 Compost Blanket	sf	
10	EC-16 Non-Vegetative Stabilization	sf	
11	SE-1 Silt Fence	lf	
12	SE-5 Fiber Rolls	lf	
13	SE-6 Gravel Bag Berm	ea	
14	SE-7 Street Sweeping and Vacuuming	ea	
15	SE-8 Sandbag Barrier	lf	
16	SE-9 Straw Bale Barrier	lf	
17	SE-10 Storm Drain Inlet Protection	ea	
18	TC-1 Stabilized construction entrance/exit	ea	
19	TC-3 Entrance/outlet tire wash	ea	
20	Site Security Fencing	lf	
21	Mulch removal and disposal	sf	
22	Tree protection	ea	
23	Fine grading	sf	

Items 1 through 19 are to be consistent with requirements detailed in California Stormwater Quality Association Stormwater Best Management Practice Handbook, latest edition.

ROCKY ROCKHOLM (FD-51) PARK PROJECT

For Additions and Deletions Only (continued)

Item	Description	Unit	Unit Cost
24	Soil amendment	sf	
25	Hydrosee turf	sf	
26	Refresh bark mulch (3" min. depth)	sf	
27	Landscape maintenance	month	
28	Remote control valve with pressure regulator	ea	
29	Quick coupler valves	ea	
30	Gate valve	ea	
31	Rotor	ea	
32	Irrigation mainline 3"	lf	
33	Irrigation lateral line	lf	
34	Irrigation controller module - 8 station add on kit	ea	
35	12" mowband	lf	
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			
46			
47			
48			
49			
50			
51			

PROJECT QUALIFICATIONS/EXPERIENCE SHEET

Project Name: Rocky Rockholm (FD-51) Park Project Company Name: _____ License Type: _____

The following shall be fully completed by the Contractor detailing previous experience which satisfies the project prerequisite. This prerequisite includes the **successful completion of five (5) park projects** of similar size and scope to that of the current project and which has been completed by your company within the last **three (3) years**. This form shall be fully completed and submitted as a part of the Proposal/Bid Schedule. Failure to do so could be interpreted as an incomplete/non-responsive bid.

1. Project Name: _____ Acres _____ Location: _____
Owner: _____ Contact Person: _____
Phone: (____) _____ Contract Amount: \$ _____ Year Completed _____
Landscape Architect/Architect: _____ Phone: (____) _____

Scope of Work (check all those that apply):

☐ Grading	☐ Drainage	☐ Irrigation	☐ Asphalt Concrete Work	☐ Concrete Forming
☐ Concrete Flatwork	☐ Special Concrete Finishing	☐ Decomposed Granite Paving	☐ Parking Lots	☐ Tennis Courts
☐ Basketball Court	☐ Play Equipment Installation	☐ Benches	☐ Picnic Tables	☐ Lighting
☐ Drinking Fountains	☐ Masonry Block Work	☐ Backstops	☐ Restroom Facilities	☐ Landscaping
☐ Other (specify) _____				

2. Project Name: _____ Acres _____ Location: _____
Owner: _____ Contact Person: _____
Phone: (____) _____ Contract Amount: \$ _____ Year Completed _____
Landscape Architect/Architect: _____ Phone: (____) _____

Scope of Work (check all those that apply):

☐ Grading	☐ Drainage	☐ Irrigation	☐ Asphalt Concrete Work	☐ Concrete Forming
☐ Concrete Flatwork	☐ Special Concrete Finishing	☐ Decomposed Granite Paving	☐ Parking Lots	☐ Tennis Courts
☐ Basketball Court	☐ Play Equipment Installation	☐ Benches	☐ Picnic Tables	☐ Lighting
☐ Drinking Fountains	☐ Masonry Block Work	☐ Backstops	☐ Restroom Facilities	☐ Landscaping
☐ Other (specify) _____				

3. Project Name: _____ Acres _____ Location: _____
Owner: _____ Contact Person: _____
Phone: (____) _____ Contract Amount: \$ _____ Year Completed _____
Landscape Architect/Architect: _____ Phone: (____) _____

Scope of Work (check all those that apply):

☐ Grading	☐ Drainage	☐ Irrigation	☐ Asphalt Concrete Work	☐ Concrete Forming
☐ Concrete Flatwork	☐ Special Concrete Finishing	☐ Decomposed Granite Paving	☐ Parking Lots	☐ Tennis Courts
☐ Basketball Court	☐ Play Equipment Installation	☐ Benches	☐ Picnic Tables	☐ Lighting
☐ Drinking Fountains	☐ Masonry Block Work	☐ Backstops	☐ Restroom Facilities	☐ Landscaping
☐ Other (specify) _____				

PROJECT QUALIFICATIONS/EXPERIENCE SHEET

Project Name: Rocky Rockholm (FD-51) Park Project Company Name: _____ License Type: _____

The following shall be fully completed by the Contractor detailing previous experience which satisfies the project prerequisite. This prerequisite includes the **successful completion of five (5)** park projects of similar size and scope to that of the current project and which has been completed by your company within the last **three (3)** years. This form shall be fully completed and submitted as a part of the Proposal/Bid Schedule. Failure to do so could be interpreted as an incomplete/non-responsive bid.

4. Project Name: _____ Acres: _____ Location: _____
Owner: _____ Contact Person: _____
Phone: (____) _____ Contract Amount: \$ _____ Year Completed _____
Landscape Architect/Architect: _____ Phone: (____) _____

Scope of Work (check all those that apply):

☐ Grading	☐ Drainage	☐ Irrigation	☐ Asphalt Concrete Work	☐ Concrete Forming
☐ Concrete Flatwork	☐ Special Concrete Finishing	☐ Decomposed Granite Paving	☐ Parking Lots	☐ Tennis Courts
☐ Basketball Court	☐ Play Equipment Installation	☐ Benches	☐ Picnic Tables	☐ Lighting
☐ Drinking Fountains	☐ Masonry Block Work	☐ Backstops	☐ Restroom Facilities	☐ Landscaping
☐ Other (specify) _____				

5. Project Name: _____ Acres: _____ Location: _____
Owner: _____ Contact Person: _____
Phone: (____) _____ Contract Amount: \$ _____ Year Completed _____
Landscape Architect/Architect: _____ Phone: (____) _____

Scope of Work (check all those that apply):

☐ Grading	☐ Drainage	☐ Irrigation	☐ Asphalt Concrete Work	☐ Concrete Forming
☐ Concrete Flatwork	☐ Special Concrete Finishing	☐ Decomposed Granite Paving	☐ Parking Lots	☐ Tennis Courts
☐ Basketball Court	☐ Play Equipment Installation	☐ Benches	☐ Picnic Tables	☐ Lighting
☐ Drinking Fountains	☐ Masonry Block Work	☐ Backstops	☐ Restroom Facilities	☐ Landscaping
☐ Other (specify) _____				

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.

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: _____

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

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.

Print Name

Signature

Name of Business/Company/Corporation

Date

Address

Phone

END OF PROPOSAL

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

PROP - 15

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 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 _____

_____ 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 general conditions, supplemental conditions, 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 \$1000 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 45 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 OMISSION PERTAINING TO STRUCTURAL 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 _____, a
municipal corporation _____

BY: _____
DOMINICK CASEY
City Manager

ATTEST:

BY: _____
its: _____

and

BY: _____
its: _____

BY: _____
CARMEN AVALOS
City Clerk

APPROVED AS TO FORM:

BY: _____
MICHELLE SHEIDENBERGER
City Attorney

APPROVED AS TO SUBSTANCE:

BY: _____

Print Name: _____

Title: _____

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

INSURANCE BROKER INFORMATION PACKET

Project: Rocky Rockholm (FD-51) Park 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.

TABLE OF CONTENTS

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Notice to Insurance Broker	INS 1
Insurance Requirements	INS 2
Public Works Faithful Performance Bond	INS 10
Public Works Payment Bond	INS 13

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

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 Rocky Rockholm (FD-51) Park Project. 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 the Supplemental Conditions for modifications of the General Conditions, 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
- b. By fax to (770) 335-5727

After using one of these methods, please **DO NOT** also send the insurance certificate(s) by mail.

- c. Or mail the documents to

City of Roseville
Insurance Compliance
P.O. Box 100085-R1
Duluth, GA 30096

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.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

INSURANCE REQUIREMENTS

The following sections are quoted from the General Conditions:

5-1.23 **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 X**

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.

5-1.24 **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.

Bond No. _____
Premium \$ _____

**PUBLIC WORKS
FAITHFUL PERFORMANCE BOND**

(Project: _____)

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

Bond No. _____
Premium \$ _____

**PUBLIC WORKS
LABOR AND MATERIALS PAYMENT BOND**

(Project: _____)

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

GENERAL CONDITIONS

FOR

BUILDINGS AND GROUNDS

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

GC

**CITY OF ROSEVILLE
GENERAL CONDITIONS
FOR
BUILDINGS AND GROUNDS**

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FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 1
DEFINITIONS AND TERMS

1-1.01 **GENERAL.** When the following abbreviations and terms or pronouns in place of them appear in the Contract Documents, the intent and meaning shall be interpreted as provided in this Section 1.

1-1.02 **ACCEPTANCE.** Formal Acceptance by resolution by the Roseville City Council of the Contract when completed in all respects in accordance with the Contract Documents and any modifications previously approved.

1-1.03 **ADDENDUM.** Written interpretation or revision to any of the Contract Documents issued by the City before the bid opening.

1-1.04 **AS-BUILT DOCUMENTS, AS-BUILT DRAWINGS AND RECORD DOCUMENTS.** As-Built Documents, As-Built Drawings and Record Documents are all contract documents modified to reflect changes during the construction phase. Specifically, As-Built Documents/Drawings are a revised set of drawings submitted by the Contractor upon Final Completion of a project. They reflect changes made in the Specifications and Working Drawings during the construction process, and show the exact dimensions, geometry, and location of all elements of the work completed under the Contract. Record Documents, on the other hand, are compiled by the Engineer or Architect based on the As-Built Documents/Drawings submitted by the Contractor. They reflect the Engineer or Architect's concurring review of what changes were denoted, why they were made and where they occurred and create a record set of drawings.

1-1.05 **ASSESSMENT.** A cost imposed on the Contractor for non-compliance

with certain contractual requirements.

1-1.06 **BENEFICIAL OCCUPANCY.** The taking possession of a portion of the Work by the City for its use and/or occupancy on other than a temporary or emergency basis.

1-1.07 **BID GUARANTY.** The cashier's, certified check, irrevocable standby letter of credit, deposit of securities, or Bidder's Bond, accompanying the bid submitted by the Bidder, as a guaranty that the Bidder will enter into an agreement with the City for the performance of the Work, if the Agreement is awarded to Bidder, and the Bidder will submit the required Contract Bonds and Certificate of Insurance. Also referred to as the Bidder's Security.

1-1.08 **BIDDER.** Individual, firm, partnership, limited liability company, corporation, joint venture, or any combination thereof, submitting a Proposal for the Work, acting directly, or through a duly authorized representative.

1-1.09 **BIDDING DOCUMENTS.** Includes the Notice to Bidders, Bidding Requirements, Contract Conditions, Drawings, and Addenda.

1-1.10 **CHANGE ORDER.** Any written order to the Contractor directing an addition, deletion, or modification of the Work, or an adjustment in the Contract Price or Contract Time provided in the Contract Documents and issued after the Agreement has been signed.

1-1.11 **CITY.** The City of Roseville.

1-1.12 **CITY ATTORNEY.** The City Attorney of the City.

1-1.13 **CITY CLERK.** The City Clerk of the City.

1-1.14 **CLAIM.** A separate demand by 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 for damages or penalties for delay assessed by

the City; (b) payment by the City of money or damages arising from work done by, or on behalf of, Contractor pursuant to the Contract Documents and payment for which is not otherwise expressly provided or to which Contractor is not otherwise entitled; and (c) payment of an amount that is disputed by the City.

1-1.15 **CONSTRUCTION SCHEDULE.** A list or graphic display of construction activities required for completing the Work, in a format required by the Contract Documents. The duration, start and finish date, and sequence of significant activities, critical path, float and milestones must be indicated in the Construction Schedule.

1-1.16 **CONTRACT OR AGREEMENT.** The written agreement relating to the Work to be performed, the labor, materials, and equipment to be furnished, and the payment to be made therefor. The Agreement/Contract is part of and incorporates all of the Contract Documents.

1-1.17 **CONTRACT CONDITIONS.** Includes the General Conditions, Supplemental Conditions, and Specifications.

1-1.18 **CONTRACT DOCUMENTS.** Includes those documents that form the basis of the Contract, including but not limited to, Bidding Documents, the Bid or Proposal, Contract Bonds, the Contract, all required insurance certificates or endorsements, all bonds, all required certifications or statements, Change Orders, any Contract Amendment, any City Standard which is incorporated by reference and these City of Roseville General Conditions for Buildings and Grounds.

1-1.19 **CONTRACT DRAWINGS.** The official drawings including plans, elevations, sections, detail drawings, diagrams, plated, General Notes, information and schedules thereon, or exact reproductions thereof, showing the location, character, dimension, and details

of the Work. The Contract Drawings include any drawings or plates bound within the Supplemental Conditions.

1-1.20 **CONTRACT PRICE.** The total compensation to be paid to the Contractor in accordance with the terms of the Agreement.

1-1.21 **CONTRACT TIME.** The number of Days, or portion thereof, allowed for completion of the Work, including all authorized time extensions. The effective date for commencement of the Work specified in the Notice to Proceed shall define the beginning of the Contract Time.

1-1.22 **CONTRACTOR.** Individual, firm, partnership, limited liability company, corporation, joint venture, or any combination thereof, who has entered into the Agreement with City.

1-1.23 **DAY OR DAYS.** Unless otherwise designated, Day or Days as used in the Contract Documents will be understood to mean calendar Day or Days.

1-1.24 **DEPARTMENT.** The Department for Contract Administration, as identified in the Supplemental Conditions.

1-1.25 **DIRECT COSTS.** Those cost items (including labor, materials, equipment and any subcontractor's work) that are used in the actual performance of, and are specifically and uniquely attributable to the Work or changed Work. Direct Costs do not include Overhead. Direct Costs only include the following:

A. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by City and Contractor. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include salaries and

wages plus the cost of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workers' compensation, health and retirement benefits, sick leave, vacation and holiday pay applicable thereto. Such employees may include superintendents and foremen at the site. The expenses of performing work after regular working hours, on Saturday, Sunday or legal holidays shall be included in the above only to the extent authorized by City in writing.

B. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and suppliers' field services required in connection therewith. All trade discounts, rebates and refunds and all returns from sale of surplus materials and equipment shall accrue to City, and Contractor shall make provisions so that they may be obtained.

C. Payments made by Contractor to the subcontractors for work performed by subcontractors. If required by City, Contractor shall obtain competitive bids from subcontractors acceptable to Contractor and shall deliver such bids to City who will then determine which bids will be accepted. If a subcontract provides that the subcontractor is to be paid on the basis of cost of the work plus a fee, the subcontractor's cost of the work shall be determined in the same manner as Contractor's cost of the work. All subcontracts shall be subject to the other provisions of the Contract Documents insofar as applicable.

D. Costs of special consultants (including engineers, architects, testing laboratories, surveyors, and accountants) employed for services specifically, and only, related to the Work.

E. Supplemental costs including the following:

1. The proportion of necessary transportation, travel and subsistence

expenses of Contractor's employees incurred in discharge of duties connected with the Work.

2. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office and temporary facilities at the site and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value of such items used but not consumed which remain the property of Contractor.

3. Rentals of all construction equipment and machinery and the parts thereof whether rented from Contractor or others in accordance with rental agreements approved by City, and the costs of transportation, loading, unloading, installation, dismantling and removal thereof, all in accordance with terms of said rental agreements. The rental of any such equipment, machinery or parts shall cease when the use thereof is no longer necessary for the Work.

4. Sales, consumer, use or similar taxes related to the Work, and for which Contractor is liable, imposed by laws and regulations.

5. The cost of utilities (including the meter and all associated installation costs), fuel and sanitary facilities at the site.

6. Cost of premiums for additional bonds and insurance required because of changes in the Work.

1-1-26 **DIRECTOR.** Director of the Department for Contract Administration or his or her designee.

1-1.27 **EMERGENCY.** Any sudden generally unforeseen occurrence (such as a fire, flood, storm, earthquake, civil disorder, or other natural and/or man-made disaster) that has the potential to adversely affect the safety of life, the Work, and/or adjacent property; to interrupt contracts essential to the performance of the Work; and/or to cause catastrophic failure of City

equipment and/or facilities.

1-1.28 **ENGINEER OR ARCHITECT.** Professional Engineer or Architect designated for a particular project responsible for signing and sealing the permit drawings, interpretation of the drawings where ambiguities exist, review of requests for information, design Change requests and Shop Drawings, resolution of errors and omissions, and finalization of Record Documents.

1-1.29 **FINAL COMPLETION.** When the project has been completed according to the terms and conditions set forth in the Contract Documents. Final Completion is not the same as Acceptance.

1-1.30 **FORCE ACCOUNT.** Payment by force account shall mean payment on the basis of the Contractor's time and materials.

1-1.31 **GENERAL NOTES.** The written instructions, provisions, conditions or other requirements appearing on the Contract Drawings and so identified thereon, which pertain to the performance of the Work.

1-1.32 **INSTALLATION, INSTALL.** Completely assembling, erecting, and/or connecting materials, parts, components, supplies, and related equipment specified or required for the completion of the Work.

1-1.33 **LABORATORY.** Established professional laboratories authorized by the City to test materials and Work involved in the Contract.

1-1.34 **LEGAL HOLIDAYS.** Those days designated as Federal holidays or declared by the City, or otherwise specified in the Contract Documents.

1-1.35 **LIQUIDATED DAMAGES.** The amount prescribed in the Contract Documents to be paid to the City or to be deducted from any payments due or to become due the

Contractor for each day's delay in completing the whole or any specified portion of the Work beyond the time allowed in the Supplemental Conditions.

1-1.36 **NOTICE OF COMPLETION.** A legal notice filed by the City with the Placer County Recorder's Office stating that construction has been completed and accepted by the City.

1-1.37 **NOTICE TO PROCEED.** A written notice given by the City to the Contractor fixing the date on which the Contract Time will commence to run.

1-1.38 **NOTICE OF TERMINATION.** Written notice from the City to the Contractor and/or its Surety terminating the Agreement, or a portion thereof, either for convenience of the City or for default due to the Contractor's failure to perform its contractual obligations.

1-1.39 **OVERHEAD.** Business or administrative expenses (including but not limited to office expenses, administrative staff, rent, insurance, utilities) not chargeable to a particular part of the Work. The term "Overhead" shall include all of the following:

A. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor whether at the Work Site or in Contractor's principal or a branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications, all of which are to be considered administrative costs covered by the Contractor's fee.

B. Expenses of Contractor's principal and branch offices other than Contractor's office at the site.

C. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.

D. Cost of premiums for all bonds and for all insurance whether or not Contractor is required by the Contract Documents to purchase and maintain the same, except as provided in section 1-1.25.

E. Other overhead or general expense costs of any kind.

1-1.40 **PREMISES.** Shall mean the area within construction easements, easements, rights of entry and City owned property which surrounds the Work Site, limited by the property lines thereof. In some cases Premises may coincide with the Work Site.

1-1.41 **PROFESSIONAL ENGINEER.** An engineer licensed by the Board of Registration for Professional Engineers, State of California.

1-1.42 **PROJECT MANUAL.** A book containing all Contract Documents.

1-1.43 **PROPOSAL FORMS.** The approved forms upon which the City requires that each Bidder submit its bid with regard to the Agreement.

1-1.44 **REQUEST FOR INFORMATION (RFI).** A document issued by the Contractor requesting information concerning the Contract Documents.

1-1.45 **SAFETY.** Includes the practice of identifying potential hazards, assessing their risk, taking corrective action where possible, including and providing control measures such as engineering design, written procedures, and the personal protective equipment for workers in order to eliminate or reduce the risk for exposure in the workplace.

1-1.46 **SCHEDULE OF VALUES.** The breakdown of the Contract Price that will serve as the basis for Contractor's Applications of Payment. Any lump sum bid item

included within the Contract Price will be apportioned among values relating to specific components of the Work covered by said lump sum.

1-1.47 **SHOP DRAWINGS.** Drawings, plans, diagrams, schedules, and other data specifically prepared and submitted to the City by the Contractor, showing in detail: (a) the proposed fabrication and assembly of a special component of the Work; and (b) the Installation (form, fit and attachment details) of a special component of the Work. Shop Drawings shall be deemed to include Working Drawings, Product Data, literature, and applicable performance and test data.

1-1.48 **SPECIFICATIONS.** The technical Specifications for the Work prepared by the Director or an Engineer or Architect describing in detail the nature of the Work, its components, any performance standards, and how the Work is to be constructed.

1-1.49 **SUBCONTRACTOR.** Any individual, firm, partnership, limited liability company, corporation, joint venture, or combination thereof, other than employees of the Contractor, engaged by the Contractor to furnish services, labor, equipment and materials for a portion of the Work.

1-1.50 **SUBMITTALS.** Those documents required to be submitted by the Contractor for review by the City in accordance with the Contract Documents.

1-1.51 **SUPPLEMENTAL CONDITIONS.** The Supplemental Conditions are specific clauses modifying or supplementing these General Conditions.

1-1.52 **SUPPLIER.** Any individual, firm, partnership, limited liability company, corporation, joint venture, or combination thereof, other than employees of the Contractor, that supplies a tangible product as a portion of the Work, with services usually limited to delivery and/or required testing, and with manufacturing, fabrication, or production facilities located off

the Work Site.

1-1.53 **WORK.** The furnishing of all labor, and the furnishing and Installing of all materials, articles, supplies and equipment as specified, designated, or required by the Contract Documents.

1-1.54 **WORK SITE.** All or portion of the Premises that the Work is limited to as shown on the Contract Drawings or designated by the Director. Public streets are not included unless Work is being done within the street right-of-way.

1-1.55 **WORKING DRAWINGS.** Original drawings prepared by the Contractor and/or its Subcontractors or Suppliers, of any tier, illustrating Work required for construction that will not become an integral part of the completed Work. This includes, but is not limited to, drawings for temporary structures such as decking, bulkheads, excavation supports, utility support, groundwater control, forming, falsework, access roads, staging areas, staging plans, and diversion plans. A Working Drawing is one type of a Shop Drawing.

SECTION 2

CONTROL AND SCOPE OF THE WORK

2-1.01 **AUTHORITY OF DIRECTOR.** The Contract shall be performed in a manner satisfactory to the Director who shall decide all questions which may arise as to the quality or acceptability of materials furnished and Work performed and as to the manner of performance and rate of progress of the Work; all questions which may arise as to the interpretation of the Contract Documents; all questions as to the acceptable fulfillment of the Contract on the part of the Contractor; and all questions as to compensation. The Director shall have authority to enforce and make effective such decisions and orders in the event the Contractor fails to promptly carry out the same.

2-1.02 **INTENT OF CONTRACT DOCUMENTS.** The Contract Documents are complementary, and what is called for by one shall be as binding as if called for by all. The intent of the Contract Documents is to describe the details for the construction and completion of the Work. Where the Contract Documents describe portions of the Work in general terms, but not in complete detail, it is understood that only the best general practice shall be followed and that only materials and workmanship of the best quality are to be used. Any Work, materials, or equipment that are customarily provided, or that are reasonably inferable from the Contract Documents as being required to produce the intended result, shall be supplied, whether or not specifically called for. When words, which have a well-known technical or trade meaning are used to describe work, materials, or equipment, such words shall be interpreted in accordance with that meaning. Unless otherwise specified, the Contractor shall furnish all labor, materials, tools, equipment, and incidentals, and do all the Work involved in executing the Contract in a

satisfactory and workmanlike manner.

Reference to standard specifications, manuals or codes of any technical society, organization or association, or to the laws or regulations of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code, laws, or regulations in effect on the first published date of the Notice to Contractors, except as may be otherwise specifically stated. However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract Documents) shall be effective to change the duties and responsibilities of City or Contractor, or any of their consultants, agents, or employees from those set forth in the Contract Documents, nor shall it be effective to assign to City, or City's designated representative, any duty or authority to supervise or direct the furnishing or performance of the Work or any duty or authority to undertake responsibility contrary to other provisions of the Contract Documents.

The Contract Documents are divided into parts, divisions, sections and articles for convenience, organization and reference. Generally, there has been no attempt to divide the Specifications sections into work performed by the various building trades, work by separate Subcontractors, or work required for separate facilities in the project.

2-1.03 **EXAMINATION AND VERIFICATION OF CONTRACT**

DOCUMENTS. The Contractor shall thoroughly examine and become familiar with all of the various parts of the Contract Documents and shall determine the nature and location of the Work, the general and local conditions (including applicable laws) and all other matters which can in any way affect the cost, progress or performance of the Work under this Agreement. Failure to make an examination necessary for this determination shall not release the Contractor from the obligations of the Agreement. No oral agreement or conversation with any officer, or employee

of the City, or with the City's designated representative either before or after the execution of the Agreement, shall affect or modify any of the terms or obligations contained in the Contract Documents.

2-1.04 **CONTRACT DRAWINGS.** The Contract Drawings consist of general drawings and show such plans, elevations, sections, details and schedules as are necessary to give a graphic and pictorial description of the contemplated construction. All authorized alterations affecting the requirements and information given on the Contract Drawings shall be in writing.

2-1.05 **COORDINATION AND INTERPRETATION OF CONTRACT DOCUMENTS.** All Contract Documents are essential parts of the Contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complementary, and to describe and provide for a complete Work.

In the event of inconsistencies between requirements contained in different components of the Contract Documents, the precedence of the Contract Documents shall be as follows to resolve conflicts:

1. Change Orders
2. The Contract (including Addenda)
3. The Supplemental Conditions
4. Specifications
5. Contract Drawings
6. The General Conditions

Should it appear that the Work to be done or any of the matters relative thereto are not sufficiently detailed or explained in the Contract Documents, the Contractor shall submit a

Request for Information (“RFI”) to the Director for such further explanations as may be necessary and shall conform to the written explanation given as if part of the Contract Documents. The decisions of the Director shall be final.

Contractor shall anticipate that it will be necessary to prepare and submit RFIs regarding the Contract Documents. The City will respond to each RFI by no later than fourteen (14) Days after receipt of the RFI, unless the RFI is of significant complexity. Furthermore, in the event that there are numerous RFIs pending, Contractor shall cooperate with the City in establishing a priority for responding to the RFIs, and potentially some RFIs may be responded to beyond the fourteen (14) Day period.

Each RFI prepared by Contractor shall be full and complete. Contractor shall prepare RFIs so as to not cause any delay to the progress of the Work and to not cause any impact to Contractor’s labor productivity in the field. Contractor shall not assert any Claims for delay or interference against the City if Contractor fails to timely submit any RFI to the City, after consideration of the response period allowed for by the City.

The response to an RFI shall not, by itself, constitute a writing that authorizes Contractor to perform any Work that causes an adjustment to either the Contract Price or the Contract Time. If Contractor believes that any response to any RFI should constitute a compensable change, Contractor shall provide a Notice of Potential Claim as provided in Section 7-1.03, below. Contractor’s failure to provide the required written notice shall constitute a waiver of the Contractor’s right to seek a compensable change based on the RFI response.

The Contractor shall examine all Contract Documents; shall verify all figures in the Contract Documents before laying out the Work; shall promptly notify the City of all errors, inconsistencies, and/or omissions that it discovers; and, in instances where such non-

conformities are discovered, shall obtain specific instructions in writing from the City before proceeding with the Work. Contractor's performance of any Work affected by such non-conformities prior to the City's decision shall be at the Contractor's risk. Any Work that is customarily provided or that is reasonably inferable shall not relieve the Contractor from performing such work at no additional expense and/or delay, and such Work shall be performed as if fully set forth in the Contract Documents.

2-1.06 **INDEPENDENT CONTRACTOR STATUS.** The Contractor shall independently perform all Work required by the Contract Documents and shall not be considered as an agent or employee of the City, nor shall the Contractor's Subcontractors or employees be considered as subagents of the City.

The Contractor and Contractor's Subcontractors shall be licensed in accordance with the laws of the State of California and as more particularly described in the bidding documents or elsewhere in the Contract Documents.

2-1.07 **ORDER OF WORK.** When required by the Contract Documents, the Contractor shall follow the sequence of operations set forth therein. Full compensation for conforming to such 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.

2-1.08 **SUBMITTALS.** It shall be the Contractor's responsibility to timely submit, so as to cause no delay in the Work, all Shop Drawings, descriptive data, manuals, instructions, affidavits, samples for the various trades as required by the Supplemental Conditions and Specifications, and offers of alternatives, if any. Such Submittals shall be checked and coordinated by the Contractor with the Work of other trades involved before they are submitted to the Director for examination.

The Contractor shall deliver at least one (1) electronic copy of the Submittals to the Director, and one (1) hard copy if requested. Work requiring the submittal of working drawings, descriptive data or samples shall not begin prior to approval of said Submittal by the Director.

The time allowed for review of each Submittal will be as indicated in the Supplemental Conditions. Review time will start upon receipt of the Submittal by the Director and will end upon the Director's mailing of the Submittals to the Contractor. Defective, incomplete or partial Submittals will be returned to the Contractor unreviewed.

Submittals shall be made by a letter of transmittal that shall contain a list of all matter submitted and identification of all variations from the Contract Documents contained in the Submittal. The letter and all items accompanying the same shall be fully identified as to project name and location, Contractor's name, district, county, and Contract number, with ample cross-references to the Contract Documents, to facilitate identification of items and their location in the Work.

All Shop Drawings and supporting data, catalogs, schedules, shall be submitted as the instruments of the Contractor, who shall be responsible for their accuracy and completeness. These Submittals may be prepared by the Contractor, Subcontractors, or Suppliers, but the Contractor shall ascertain that Submittals meet all of the requirements of the Contract Documents, while conforming to structural, space, and access conditions at the point of Installation. The Contractor shall check all Submittals before submitting them to the Director.

2-1.08A **SHOP DRAWINGS.** The Contractor shall submit an electronic copy (searchable PDF) of all Shop Drawings required by the Supplemental Conditions or Specifications, and one (1) hard copy, if requested by the Director. Shop Drawings shall also be provided separately in AutoCAD format using the latest version of AutoCAD. An electronic

copy will be returned to the Contractor either approved for use, as demonstrated by a stamp, or returned for correction and resubmittal. Materials, colors and/or samples will not be returned to the Contractor. Shop Drawings include any drawing, which requires execution by a draftsman as distinguished from printed matter. The size of Shop Drawings shall not exceed twenty-four inches (24") by thirty-six inches (36").

2-1.08B **DESCRIPTIVE DATA.** The Contractor shall submit an electronic copy (searchable PDF) of each set of manufacturer's brochures or other data required by the Supplemental Conditions or Specifications, and one (1) hard copy, if requested by the Director. The City will examine such Submittals and return either an electronic copy or a hard copy approved for use or returned for correction and resubmittal.

2-1.08C **SAMPLES.** The Contractor shall submit samples of articles, materials or equipment as required by the Supplemental Conditions or Specifications. The Work shall be in accordance with the approved samples. Samples shall be removed from City property when directed or may be incorporated in the Work if approved by the Director. Samples not removed by the Contractor will become the property of the City or, at the City's option, will be removed or disposed of by the City at the Contractor's expense.

2-1.08D **MANUALS, INSTRUCTIONS AND AFFIDAVIT.**

A. **Manuals and Instructions.** Where operation and maintenance manuals are required by the Supplemental Conditions, the Contractor shall submit two (2) sets of manuals, suitably bound, along with two (2) electronic copies in an approved format, to the Director within forty-five (45) Days after favorable review of the equipment or facilities. If operation and maintenance manuals are approved to be provided in PDF format, text shall be provided in searchable PDF format, making proper use of PDF for headings and heading levels,

paragraphs, tables, and lists. Submitted operation and maintenance manuals shall be a collected, organized, and indexed set of bookmarked PDF documents comprising each operation and maintenance manual that corresponds to a hardcopy binder. All manuals shall be marked to indicate the specific equipment furnished for this project and shall include at a minimum:

1. Equipment summary form
2. Cover/Title page
3. Table of contents
4. Operating procedures including start-up, shutdown, normal operation, all operating modes, emergency shutdown, and safety precautions
5. Lubrication instructions (if required)
6. Preventative maintenance procedures
7. Troubleshooting and corrective maintenance procedures
8. Reinstallation instructions
9. Overhaul instructions (if applicable)
10. Parts identification list with exploded view and associated cross references
11. Recommended spare parts list
12. Operator safety requirements
13. Electrical and control system wiring drawings, including panel wiring control (ladder) diagrams, logic diagrams, loop diagrams, and interconnection diagrams
14. Panel layout and assembly drawings

15. Mechanical drawings
16. Printouts of all software programs and configuration files
17. Factory and field test procedures and results

Operation and maintenance manuals for complex equipment shall also include:

18. Alternate specified operating modes
19. Emergency shutdown instructions
20. Normal shutdown instructions
21. Long term shutdown instructions

Operation and maintenance manuals for systems comprised of separate pieces of equipment shall include a system explanation of items 4, 7, 18, 19, 20, and 21 as well as the instructions for the separate pieces of equipment.

B. Affidavits. Where required in the Supplemental Conditions or Specifications, manufacturers of equipment shall provide field service as a part of this project. Equipment shall not be considered ready for full time operation until after the authorized factory-trained and qualified manufacturer's representative for the specific equipment has checked and adjusted the equipment and certified by written affidavit that the equipment has been properly Installed, tested, adjusted, lubricated, and calibrated, and is ready for full time operation. Acceptable affidavits shall be submitted prior to completion of the Work. Affidavits shall contain the following specific wording:

“The (Name of Equipment) has been properly installed, tested, adjusted, lubricated, and calibrated, and is ready for full time operation. The installation has been inspected and has been found to be in conformance with our (the manufacturer's) standards and requirements.”

No amplification, dilution, or modification of this specific wording will be permitted.

2-1.08E **ALTERNATIVES.** For convenience in designation in the Contract Documents, certain materials, articles, or equipment may be designated by a brand or a trade name or the name of the manufacturer together with catalog designation or other identifying information, hereinafter referred to generically as “designated by brand name.” Except in those instances where the product is designated to match others in use in a particular improvement, either completed or in the course of completion, an alternative material, article, or equipment which is of equal quality and of the required characteristics for the purpose intended may be proposed for use provided the Contractor complies with the following requirements:

A. The Contractor shall submit its proposal for an alternative in writing. Such request shall be made in ample time to permit review and approval without delaying the Work. The Contractor shall not be entitled to an adjustment of the Contract Time or an increase in the Contract Price based on any Contractor-proposed substitution.

B. No such proposal will be considered unless accompanied by complete information and descriptive data, necessary to determine the equality of the offered materials. The Contractor shall satisfy the Director as to the comparative quality, suitability, or performance of the offered material, articles, or equipment. In the event that the Director rejects the use of such alternative materials, articles, or equipment, then one of the particular products designated by brand name shall be furnished.

C. The burden of proof as to the quality and suitability of alternatives shall be upon the Contractor and it shall furnish all information necessary as required by the Director. The Director shall be the sole judge as to the quality and suitability of alternative articles or materials and such decisions shall be final. Where use of an alternative material

involves redesign of, or changes to, other parts of the Work, the cost and time required to effect such redesign or changes will be considered in evaluating the suitability of the alternative material. Cost of redesign by the City will be borne by the Contractor.

D. Whenever classification, rating or other certification by a body such as Underwriters Laboratories (UL) or the National Electrical Manufacturers Association (NEMA) is a part of the specification for any material, Contractor's request for use of alternative articles or materials shall be accompanied by reports from the listed or equivalent independent testing Laboratory indicating compliance with the Contract Documents. The cost of all testing required to prove equality of the material proposed shall be borne by the Contractor. Approval of an alternative shall be only for the characteristics or use named in such approval, and shall not be used to change or modify any requirement of the Contract Documents.

E. At its election, the City reserves the right to consider any Contractor proposed substitution as a Cost Reduction Proposal under Section 3-1.07 of these General Conditions in the event that there is a significant savings resulting from the substitution.

The Director will examine, with reasonable promptness, such Submittals, and return of Submittals to the Contractor shall not relieve the Contractor from responsibility for deviations and alternatives from the Contract Documents, nor shall it relieve the Contractor from responsibility for errors in the Submittals. A failure by the Contractor to identify in its letter of transmittal material deviations from the Contract Documents shall void the Submittal and any action taken thereon by the Director. When specifically requested by the Director, the Contractor shall resubmit such Shop Drawings, descriptive data and samples as may be required.

If any mechanical, electrical, structural, or other changes are required for the proper Installation and fit of alternative materials, articles, or equipment, or because of deviations from

the Contract, such changes shall not be made without the approval of the Director and shall be made without additional cost to the City.

2-1.09 **DISPOSAL OF MATERIAL OUTSIDE THE WORK SITE.** Unless otherwise stated elsewhere in the Contract Documents, the Contractor shall, at its own cost and expense, make its own arrangements for disposing of materials outside the Work Site.

Except when material is to be disposed of at a landfill or recycling center, when any material is to be disposed of outside the Work Site, the Contractor shall first obtain written permission from the City to dispose of the material at the intended location. The City's approval will be contingent upon the Contractor obtaining a written permit from the property owner on whose property the disposal is to be made. Prior to the disposal of any material at the intended location, the Contractor shall submit such permit or a certified copy thereof to the City, together with a written release from the property owner absolving the City from any and all responsibility related to the disposal of material on said property.

Disposal of Hazardous Materials must be done in accordance with all laws and regulations. Copies of all required regulatory documentation including copies of final manifests shall be supplied to the City.

2-1.10 **ACCESS TO THE WORK.** The Contractor shall satisfy itself that the jurisdictions through which its operations and haul routes pass will permit such operations with respect to the type of vehicle, laden weights, frequency and dimensions of loads, hours of operation and required traffic control. All necessary permits, licenses or bonds shall be obtained and paid for by the Contractor.

2-1.11 **TEMPORARY UTILITIES.** The Contractor shall make its own arrangements with utility companies for any temporary services it may require in performance of

the Work and shall pay all costs of these services directly to these utility organizations.

2-1.12 **UTILITY FACILITIES.** The Contractor shall protect from damage those utility facilities that are to remain in place, be Installed, relocated or otherwise arranged.

The Contractor's attention is directed to the possible existence of facilities not shown, and of facilities in a location different from that, which is indicated. The Contractor shall take steps to ascertain the exact location of all facilities prior to doing any Work, which may damage such facilities or interfere with their service. Where the location of a facility is indicated or inferred from the presence of visible facilities such as buildings, meters, and junction boxes, the Contractor shall make such excavations and explorations as are necessary to ascertain the correct location. Unless provided for elsewhere in the Contract Documents, the cost of such excavations and explorations will be considered as a part of the cost of other items of Work and no additional payment will be made. Such excavations and exploratory Work shall not entitle the Contractor to an extension of time.

If the Contractor discovers underground facilities not indicated or inferred from the Contract Documents, the Contractor shall immediately give the Director written notification of the existence of those facilities. The Contractor shall determine the exact location of the underground facilities and the cost of the work will be paid for in accordance with the Contract Documents. The underground facilities shall be protected from damage as directed by the Director and the cost of that work will be paid for as extra work. The Contractor shall, if directed by the Director, repair any damage, which may occur to the underground facilities. The cost of that repair work, not due to the failure of the Contractor to exercise reasonable care, will be paid for as extra work. Damage due to the Contractor's failure to exercise reasonable care shall be repaired at the Contractor's cost and expense.

Where it is determined by the City that the rearrangement of an underground facility, the existence of which is not shown on the Contract Drawings, is essential in order to accommodate the Work, the City will provide for the rearrangement of such facility by other forces or, when so ordered by Change Order, such rearrangement shall be performed by the Contractor and will be paid for as provided under a Change Order.

The Contractor shall be responsible for the maintenance of all utility facilities placed by the Contractor in temporary locations, and all utilities within the construction area not required to be relocated but which are required to be shored or supported during the construction period. The cost of such maintenance shall be borne by the Contractor, and no other compensation shall be due the Contractor for this Work.

The cost of providing and maintaining all necessary or required temporary structures, of making any necessary repairs, replacements, or similar operations, or furnishing indemnity or other bonds, if required, and all costs required by this Section shall be paid by the Contractor and shall be included in the prices bid in the schedule for other items of work.

2-1.13 **PRESERVATION AND CLEANING.** The Contractor shall clean up the Work at frequent intervals and at other times when directed by the Director. While finish Work is being accomplished, floors, Work areas and finished areas shall be kept clean, free of dust, construction debris and trash. Upon completion of the Work, the Contractor shall remove from the Premises its construction equipment and any waste materials not previously disposed of, leaving the Premises thoroughly clean and ready for final inspection.

2-1.14 **LIMITATIONS ON WORK SITE AND PREMISES.** The Contractor shall limit its construction operations to the Work Site unless otherwise shown on the Contract Drawings or specified. The Contractor shall perform no operation of any nature over or on the

Premises except such operations as are authorized by the Contract Documents or as authorized by the Director.

2-1.15 **DUST CONTROL.** During the performance of all Work under this Contract, the Contractor shall assume all responsibility for dust control and shall furnish all labor, equipment, and means required to carry out proper and efficient measures wherever and whenever dust control is necessary to prevent the operations from producing dust damage and nuisance to persons and property. Any claims resulting from dust damage or nuisance shall be borne solely by the Contractor. The Contractor shall comply with all applicable Air Quality Act requirements.

2-1.16 **SANITATION.** The Contractor shall provide sanitary facilities for all persons working on the Work.

2-1.17 **NIGHT WORK AND NORMAL WORKING HOURS.** Normal working hours at the construction site shall be between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday. Legal holidays are excluded. Certain utility connections and street operations are anticipated to require night Work by the Contractor during low usage periods. The Contractor may also be required to prosecute the Work at night if, at any time, the Director shall deem it necessary for the progress of the Work, or if emergencies arise. The Contractor shall promptly comply with any such requirements made in writing by the Director. The Contractor will also be permitted to Work at night if Contractor satisfies the Director of the need therefor, in order to maintain the required progress or protect the Work from the elements. Certain activities are required to be performed at night for nominal progress of the Work and/or are specified to be performed at night by other portions of the Supplemental Conditions. When required, ordered, or permitted to Work at night, the Contractor shall provide sufficient and

satisfactory lighting and other facilities therefor. The Contractor shall receive no extra payment for night Work, if specified or if required to be performed during the normal progress of the Work, but compensation shall be considered as having been included in the price stipulated for the Work.

If Contractor performs work during weekends, holidays or any non-normal work hours, Contractor shall pay for required City Inspectors.

2-1.18 **LINES AND GRADES.** Unless otherwise provided in the Supplemental Conditions, the Contractor shall lay out all Work, including structures and pipelines, and shall be responsible for any errors resulting therefrom. In all questions arising as to proper location of lines and grades, the Director's decision will be final.

As part of the bid price for the construction of the improvements, the Contractor shall provide and be responsible for the layout of all Work on this project. The Contractor shall provide all necessary surveys, field staking, and positioning for the construction of all components at the proper alignment, elevations, grades, and positions, as indicated on the Contract Drawings and as required for the proper operation and function. The Contractor shall stake its Work area limits. Contractor shall perform all construction staking using a land surveyor licensed in the State of California. Contractor shall provide a staking plan prior to commencement of Work for the City's review and maintain monuments, stakes, and marks, and shall update the plan as necessary. Director, or Director's designated representative, may verify the field condition. Errors or inconsistencies in the Contract Documents discovered by the Contractor shall be reported to the Director within twenty-four (24) hours and prior to constructive forms or related improvements. Any work Installed with this requirement shall be subject to removal and replacement at the Contractor's expense.

The Contractor's lay-out shall be based on existing structures, property lines, survey control, and bench marks established by the City. All structures and pipeline connections shall be Installed based on actual elevation of existing structures to which connections are made.

The Contractor shall supply such labor as required, at no extra charge, to aid and assist the Director in checking location and grades of the Work as set by the Contractor if the Director desires to perform this checking. This shall include moving materials and equipment located between monuments and the construction Work.

2-1.19 **ARCHEOLOGICAL DISCOVERIES.** Upon discovery of prehistoric or historic artifacts, or other indicators or examples of cultural resources discovered during the course of site preparation, grading, excavation, construction or other development activities, all operations within fifty feet (50') of the find shall cease until such time as the City provides the services of a qualified archeologist to evaluate the finds and recommend appropriate action.

Prehistoric materials can include flaked stone tools (e.g., projectile points, knives and choppers) or tool making debris of obsidian, chert, quartzite and other materials, culturally darkened soil (i.e., midden, which often contains heat affected rock, ash and charcoal, shellfish remains, and cultural materials), and stone milling equipment such as mortars, pestles and hand stones. Historic material may include wood, stone, concrete or adobe footings, walls and other structural remains; debris filled wells or privies; and deposits of wood, metal, glass, ceramics and other refuse.

2-1.20 **PRESERVATION OF MONUMENTS.** Any monuments or bench marks disturbed by construction operations shall be repaired per the City's standard and promptly re-established by a registered land surveyor or civil engineer. A plat for each monument shall be furnished to the Director after the plat has been recorded with the Placer

County Recorder's Office at no additional cost to the City. The recorded plat shall serve as a record of the re-establishment of said existing survey points.

2-1.21 **CONFORMITY WITH CONTRACT DOCUMENTS.** Work and materials shall conform to the lines, grades, cross sections, dimensions and material requirements, including tolerances, required by the Contract Documents. Although measurement, sampling and testing may be considered evidence as to such conformity, the City shall be the sole judge as to whether the Work or materials deviate from the Contract Documents. At its option, the City may elect to accept deviations from the Contract Documents with appropriate backcharge Assessments against the Contractor, and, if such an election is made, the City will provide written notice to the Contractor of such acceptance.

2-1.22 **FINAL CLEANUP.** Prior to final Acceptance of the Work, the Contractor shall thoroughly clean the Premises, remove all temporary structures built by or for the Contractor, and remove all equipment and surplus construction material and debris from the area. The entire project, before Acceptance by the City, shall be left in a neat and clean condition. All Work areas and temporary construction areas shall be returned to essentially the same conditions existing before the commencing of project construction.

2-1.23 **AS-BUILT DOCUMENTS AND DRAWINGS.** The Contractor shall maintain one set of the full size prints furnished by the City and mark thereon in color any deviations from plan dimensions, elevations, or orientations. Also, the Contractor shall locate on said prints, all underground facilities, such as piping, conduits and tanks by accurate field measurement from structure walls, corners, etc. The Contractor shall submit the prints and an electronic CD (searchable PDF or source file format such as AutoCAD) in good condition to the Director upon completion of the job as a condition of Acceptance of the project. Marked prints

shall be updated at least once each week and shall be available to the Director for review as to currency prior to developing partial payment estimates. After the completion of testing, but prior to Acceptance, the Contractor shall submit As-Built electrical drawings in color and an electronic CD showing all components and their wiring, and as specified in the Supplemental Conditions.

2-1.24 **SUPERINTENDENCE.** The Contractor shall supervise and direct the Work, which shall be performed in accordance with the requirements of the Contract Documents. The Contractor shall be solely responsible for implementation of all construction means, methods, techniques, sequences, and procedures and for coordination of all portions of the Work under the Agreement. The Contractor shall be solely responsible for the safety of its employees, Subcontractors of any tier, Suppliers, visitors to the Contractor, and other third parties associated with the Contractor.

The Contractor shall designate in writing before starting Work, an authorized representative who shall have the authority to represent and act for the Contractor.

When the Contractor is comprised of two (2) or more persons, firms, partnerships, or corporations functioning on a joint venture basis, said Contractor shall designate in writing before starting Work, the name of one authorized representative who shall have the authority to represent and act for the Contractor. Instances of misconduct, contract non-compliance, unsatisfactory performance, or incompetence by these personnel shall be grounds for the City to direct Contractor to dismiss them from the Project. Contractor shall immediately comply with the City's request for dismissal, at no cost to the City, and shall designate a replacement, which shall be subject to approval by the City.

Said authorized representative shall be present at the site of the Work at all times while Work is actually in progress on the Contract. When Work is not in progress and during periods

when Work is suspended, arrangements acceptable to the Director shall be made for any Emergency Work that may be required.

Whenever the Contractor or its authorized representative is not present on any particular part of the Work where it may be desired to give direction, orders will be given by the Director, which shall be received and obeyed by the superintendent or foremen who may have charge of the particular Work in reference to which the orders are given.

Any order given by the Director, not otherwise required by the Supplemental Conditions to be in writing, will on request of the Contractor, be given or confirmed by the Director in writing.

2-1.25 **CHARACTER OF WORKER.** If any Subcontractor or person employed by the Contractor shall appear to the Director to be incompetent or to act in a disorderly or improper manner, he or she shall be removed immediately on the requisition of the Director, and such person shall not again be employed on the Work.

2-1.26 **INSPECTION.** The Contractor shall at all times permit the Director to inspect the Work or any part thereof. The Contractor shall maintain proper facilities and provide safe access for such inspection by the Director to all parts of the Work, and to the shops where the Work is in preparation. Work shall not be covered up until authorized by the Director and the Contractor shall be solely responsible for notifying the Director where and when such Work is in readiness for inspection and testing. Should any such Work be covered without authorization, it shall, if so ordered, be uncovered at the Contractor's expense.

Unless otherwise designated as normal working hours, whenever the Contractor intends to perform Work on Saturday, Sunday, or a Legal Holiday, the Contractor shall give notice to the Director of such intention forty-eight (48) hours prior to performing such Work, or such longer

period as may be specified so that the Director may make necessary arrangements.

The observation and/or approval of the workmanship or materials by the City shall not relieve the Contractor of any obligations to fulfill the requirements of the Contract Documents. Workmanship and materials not meeting such requirements shall be corrected and unsuitable Work or material may be rejected, notwithstanding that such Work or materials have been previously observed and/or approved by the City, or payment therefor has been included in a progress estimate.

The City may order re-examination of questioned Work at any time before final Acceptance. If so ordered, the Contractor shall uncover the Work. If such work is found to be in accordance with the Contract Documents, the City will pay for the cost of uncovering, removing, recovering and replacing the parts removed; but if such Work so exposed or examined is not in accordance with the Contract Documents, the uncovering, removal, recovering and replacement shall be at the Contractor's expense. Work that has been covered prior to observation by the City does not qualify as re-examined work; the City may order such work uncovered for observation without payment of any costs.

2-1.27 **REMOVAL OF REJECTED AND UNAUTHORIZED WORK.** All Work which has been rejected shall be remedied, or removed and replaced by the Contractor in a manner acceptable to the Director and no compensation will be allowed the Contractor for such removal, replacement, or remedial Work.

Any Work done beyond the lines shown on the Contract Drawings or established by the Director, or any Work done without written authority will be considered as unauthorized Work and will not be paid for. Upon order of the Director, unauthorized Work shall be remedied, removed, or replaced at the Contractor's expense.

Upon failure of the Contractor to comply promptly with any order of the Director made under this section, the Director may cause rejected or unauthorized Work to be remedied, removed, or replaced, and the costs thereof will be deducted from any moneys due or to become due the Contractor.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 3

CHANGES IN THE WORK

3-1.01 **CHANGES.** The Director, without invalidating this Agreement and without notice to Contractor's surety, may order changes in the Work, consisting of additions or deletions, or other revisions. The Contract Price and the Contract Time shall be adjusted accordingly. All such changes in the Work, including in the Contract Price and the Contract Time, shall be authorized only by Contract Change Order, signed by the Director.

If Contractor claims that performance of any work entitles it to additional compensation or to an extension of time for performance of the Work, Contractor shall provide written notice to the City of any such claim prior to undertaking such work. Contractor shall provide written notice of any anticipated impacts to the Contract Price or Contract Time within three (3) Days of discovering such impact, by submitting a Notice of Potential Claim described in Section 7-1.03 below, or notice of delay as described in Section 6-1.09 below. If the Director refuses to issue a Change Order for such work, Contractor shall perform that work if directed or obligated to do so and shall submit a complete and specific Claim for additional compensation and/or extension of time for performance within fifteen (15) Days after such work is performed, as described in Section 7-1.03 below. Failure to provide written notice of claims prior to undertaking such work, failure to provide a timely Notice of Potential Claim, or failure to submit timely a complete and specific Claim for additional compensation and/or extension of the time for performance, shall be deemed a waiver and abandonment of any such Claim. No Claim, dispute or controversy shall interfere with the progress or performance of the Work and the Contractor shall proceed with the Work as directed by the Director. Failure to so proceed shall amount to a

default under this Agreement.

3-1.02 **PROPOSED CHANGE ORDERS.** The Contractor will be notified in writing of a proposed Change Order describing the intended change. Within fifteen (15) Days after receipt of a written request, the Contractor shall submit its proposed price to be added or deducted from the Contract Price due to the change and its estimate of the extent of the adjustment in the Contract Time, if any. The Contractor's proposed price to be added to or deducted from the Contract Price shall be supported by a detailed estimate of cost prepared by the Contractor, vendor or Supplier. The Contractor's proposed price submittal shall be accompanied by a statement of the time necessary for the changed Work, together with a description of how this time will be incorporated into the current Construction Schedule. The Contractor shall upon request by the Director permit inspection of its original Contract estimate, subcontract agreements or purchase orders relating to the change.

If agreement is reached on the adjustment in compensation as provided in Section 3-1.05, "Contract Price Adjustment," of these General Conditions, the Contractor shall proceed with the Work as changed at the agreed price.

If the Contractor and the Director fail to agree as to the adjustment in compensation for the performance of the changed Work, the Contractor, upon written order from the Director, shall proceed immediately with the changed Work and the Contract Price shall be adjusted in accordance with Section 3-1.06, "Force Account Payment," of these General Conditions.

If the Contractor fails to submit its cost estimate within such fifteen (15) Day period, the Contractor shall commence the Work as changed immediately upon receipt of written order of the Director, and the Contract Price will be adjusted in accordance with the Director's cost estimate for the changed Work.

EMERGENCY AND INDETERMINATE TYPE CHANGE

ORDERS. Changes in the Work made necessary by an Emergency, as determined by the Director, or changes of a kind where the extent of the Work cannot be determined until completed, may be authorized by the Director in writing. The Change Order shall state that it is issued pursuant to this Section 3-1.03. Upon receipt of an authorized Change Order or other written order of the Director, the Contractor shall proceed with the ordered Work and the Director will maintain a daily job record containing a detailed summary of all labor, materials and equipment required for the changed Work.

Within fifteen (15) Days after receiving a written request, the Contractor shall submit a detailed estimate of cost for the change and any requested change in Contract Time in the same manner as required for proposed Change Orders in Section 3-1.02 of these General Conditions.

EXECUTED CHANGE ORDER.

A Contract Change Order signed by both the Director and the Contractor is an “executed Contract Change Order.” By signing the Contract Change Order, the Contractor agrees that the specified compensation constitutes full compensation for the changed Work, including payment for interruption, disruption, acceleration, extended Overhead, delay or any other “impact” claim or “ripple effect” claim. The Contractor specifically understands and agrees that its execution of the Contract Change Order shall constitute a waiver of any right for the Contractor to claim any additional compensation with respect to the subject matter of the Contract Change Order.

CONTRACT PRICE ADJUSTMENT.

If a Contract Change Order provides for an adjustment to the Contract Price, the amount of such adjustment shall be determined by one of the following methods, or a combination thereof, as determined by the City and in its sole discretion:

A. Lump sum. The Contractor and the City may agree on a lump sum amount for the Change Order. At the City's request, the Contractor will provide pricing for the work. Maximum markups for Contract Change Orders paid for using lump sum pricing shall be paid for in the same manner and in the same amounts as markups for Force Account work, as described in Section 3-1.06 below.

B. Unit Prices. The unit prices set forth in the Contractor's Schedule of Bid Prices will be utilized where they are applicable and acceptable to the City. The Contractor's unit prices shall remain firm and shall not be subject to adjustment unless and until the actual quantity of work is increased or decreased by Contract Change Order in an amount greater than twenty-five percent (25%) from the estimated quantity indicated for such item. No markups will be given for Contract Change Orders paid for using unit prices.

Unit prices for new items included in the Contract Change Order but not included in the original bid shall be as mutually agreed upon or, in the absence of agreement, as determined by the City in the same manner as if the work were to be paid for on a Force Account basis, as described in Section 3-1.06 below.

C. Force Account. Where the City and the Contractor are unable to agree on lump sum pricing and if the City does not elect to utilize the unit prices in Contractor's bid, or such unit prices are not applicable, the changed work will be performed and tracked by the Contractor as Force Account work, as described in Section 3-1.06 below. The City will pay for such work, including markups, properly attributable to the change in accordance with those Force Account provisions.

D. Eliminated Items. The City reserves the right to delete any bid item of Work in its entirety. The City makes no representation that any work under a bid item of Work

will be performed, and all work may be subject to a Contract Change Order that deletes such work. Bid items are distinct and severable from the other bid items, and the Contractor shall not be entitled to any anticipated profit, unabsorbed Overhead, or other indirect expense attributable to the deleted item, except as provided immediately below with regard to Force Account mark-ups on the direct and verifiable costs incurred prior to the City's order that deletes the work.

Should any bid item of Work be eliminated in its entirety and not accounted for as described immediately above and, in the absence of an executed Contract Change Order covering such elimination, payment will be made to the Contractor for actual direct and verifiable costs incurred in connection with such eliminated bid item if incurred prior to the date of notification in writing by the City of such elimination. If acceptable material is ordered by the Contractor for the eliminated item prior to the date of notification of such elimination by the City, and if orders for such material cannot be canceled, it will be paid for at the actual direct and verifiable cost to the Contractor. Actual direct costs shall include documented vendor shipping fees, Supplier restocking fees, if applicable, and Contractor handling costs directly related to the eliminated item(s). In such case, the material paid for shall become the property of the City and the actual cost of any further handling will be paid for by the City. If the material is returnable to the vendor and if the City so directs, the material shall be returned and the Contractor will be paid for the actual direct cost of charges made by the vendor for returning the material. The actual direct cost of handling returned materials will also be paid for by the City. The actual direct and verifiable costs to be paid by the City as provided herein will be computed in the same manner as if the work were to be paid for on a Force Account basis, including the application of Force Account mark-ups to said costs.

3-1.06 **FORCE ACCOUNT PAYMENT.** When Work performed pursuant to a

Change Order is to be paid for on a Force Account basis, the Contractor's labor, materials and equipment used in the performance of such Work shall be subject to the approval of the City, and the compensation will be determined as set forth below in this section.

3-1.06A **LABOR.** The Contractor will be paid an amount based on the actual cost for the workers (including foremen when authorized by the Director) used in the actual and direct performance of the Work. All labor costs associated with Overhead, whether field or home office, are specifically excluded herein, as those labor costs are covered by the below mark-ups. The cost of labor, whether the employer is the Contractor, Subcontractor or other forces, shall include employer payments; assessment of benefits required by lawful labor union collective bargaining agreements; compensation insurance payments; contributions made to the State pursuant to the Unemployment Insurance Code; and for taxes paid to the Federal Government pursuant to the Social Security Act of August 14, 1935, as amended. No labor cost will be recognized at a rate in excess of the wages prevailing in the locality at the time the Work is performed, nor will the use of a labor classification, which would increase the cost, be permitted unless the Contractor establishes to the complete satisfaction of the Director the necessity for payment at a higher rate.

3-1.06B **MATERIALS.** Only materials furnished by the Contractor and necessarily used in the performance of the Work will be paid for. Such cost of materials may include the costs of procurement, transportation and delivery if necessarily incurred. If a cash or trade discount by the actual supplier is available to the Contractor, it shall be credited to the City. If materials are procured by the purchaser by any method which is not a direct purchase from and a direct billing by the actual supplier to such purchaser, the cost of such materials shall be deemed to be the price paid to the actual supplier plus the actual costs, if any, incurred in the

handling of such materials. If the materials are obtained from a supply or source owned wholly or in part by the purchaser, the cost of such materials shall not exceed the price paid by the purchaser for similar materials furnished from said source on Bid items or the current wholesale price for such materials delivered to the job site, less any discounts as provided herein, whichever is lower. If, in the opinion of the Director, the cost of materials is excessive, or if the Contractor fails to furnish satisfactory evidence of the cost to it from the actual supplier within sixty (60) Days after the date of delivery of the materials or within fifteen (15) Days after Acceptance of the Agreement, whichever occurs first, the cost of the materials shall be deemed to be the lowest current wholesale price at which similar materials are available in the quantities required, less any discounts provided herein. The Department reserves the right to furnish such materials required by the Change Order as it deems advisable, and the Contractor shall have no claim for cost or markups on material furnished by the Department.

3-1.06C **EQUIPMENT.** The Contractor will be paid an amount based on the actual cost for the use of equipment directly required and approved by the Director in the performance of the changed Work. No payment will be made for time while equipment is inoperative due to breakdowns or on Days when no Work is performed. In addition, the rental time shall include the time required to move the equipment to the Work from the nearest available source of such equipment, and to return it to the source. If such equipment is not moved by its own power, then loading and transportation costs will be paid. Moving time, loading and transportation costs will only be paid if the equipment is used exclusively on the changed Work during the time between move in and move out. Individual pieces of equipment having a replacement value of One Thousand Dollars (\$1000) or less shall be considered to be tools or small equipment, and no payment will be made therefore. For equipment owned,

furnished, or rented by the Contractor, no cost therefore shall be recognized in excess of the equipment rental rates published by Caltrans at the following website address:

<http://www.dot.ca.gov/hq/construc/equipmnt.html>. Equipment located at a Work Site and utilized on non-Force Account work shall not be eligible for standby payment, and shall be charged on a Force Account basis only when solely performing pre-approved Force Account work tasks.

3-1.06D **MARKUPS.** When a Change Order increases the cost of the Work, the Contractor may add the following maximum markups to its actual costs of labor, materials, or equipment rental:

15 percent for labor;

10 percent for materials; and

5 percent for equipment rental.

The above markups include full compensation, covering the costs of all supervision, bonds, profit, Overhead, and other general expenses not specifically designated as a direct cost in Sections 3-1.06A through 3-1.06C above. The total payment (i.e., direct cost plus applicable markups) shall be deemed to be the actual cost of such work and shall constitute full compensation therefor. The Contractor specifically understands and agrees that such payment shall include any Contractor costs for interruption, disruption, and acceleration, extended Overhead, Change Order management, delay or other “impact” claim or “ripple effect” claim.

When work paid for on a Force Account basis is performed by forces other than the Contractor’s own forces, the maximum allowable mark-ups for the Subcontractors’ costs shall be fifteen percent (15%) for the cost of labor, ten percent (10%) for the cost of materials, and five percent (5%) for the cost of rented equipment. In these situations where the work is being performed by Subcontractors, the Contractor will only be entitled to an additional five percent

(5%) mark-up and will not be entitled to receive the additional mark-ups specified in this section.

When a Change Order decreases the cost of the Work, the reduction in cost shall include a five percent (5%) markup on the estimated cost for furnishing the labor, materials and equipment, which would have been used on such Work, had the Change Order not been issued.

When a Change Order involves both added Work and deleted Work, the markup or markups to be used shall be as follows:

The actual costs of labor, materials, and equipment rental for added and deleted Work shall be calculated separately without adding markups. If the difference between the calculated costs for labor results in an increased cost, a markup of fifteen percent (15%) shall be applied to the increased cost. If the difference between the calculated costs of materials or equipment rental results in an increased cost, a markup of ten percent (10%) and five percent (5%) respectively, shall be applied to the increased costs of materials or equipment rental, as the case may be. If the difference between the calculated costs for labor, materials or equipment rental results in a decreased cost, a markup of five percent (5%) shall be applied to the decreased costs of labor, materials or equipment rental, as the case may be.

Contractor shall not add mark-ups on work performed and billed by City staff nor add mark-ups to successive iterations of proposed Change Order cost proposals returned to Contractor by the City due to incomplete or inaccurate information being originally submitted by the Contractor. If the Contract Price increases by the issuance of Change Orders, the penal amounts of the bonds required shall increase accordingly.

3-1.06E **RECORDS.** The Contractor shall maintain its records in such a manner as to provide a clear distinction between the direct costs of extra work paid for on a Force Account basis and the costs of other operations.

From the above records, the Contractor shall furnish the City completed daily extra work reports, on forms acceptable to the City, for each Day's extra work to be paid for on a Force Account basis. The daily extra work reports shall itemize the materials used, and shall cover the direct cost of labor and the charges for equipment rental, whether furnished by the Contractor, Subcontractor, or other forces. The daily extra work reports shall provide names and identifications and classifications of workers, the hourly rate of pay and hours worked, and also the size, type, and identification number of equipment, and hours operated. Daily extra work and Force Account reports (actual or claimed) shall be signed by both the City's and the Contractor's representatives within twenty-four (24) hours of the performance of the work.

Valid copies of vendor's invoices shall substantiate material charges. Such invoices shall be submitted with the daily extra work reports, or if not available, they shall be submitted with subsequent daily extra work reports. Should said vendor's invoices not be submitted within sixty (60) Days after the date of delivery of the material or within fifteen (15) Days after the Acceptance of the Agreement, whichever occurs first, the City reserves the right to establish the cost of such materials at the lowest current wholesale prices at which said materials were available in the quantities, less any discounts.

The City will compare its records with the completed daily extra work reports furnished by the Contractor and make any necessary adjustments. When these daily extra work reports are agreed upon and signed by both parties, said reports shall become the basis of payment for the work performed, but shall not preclude subsequent adjustment based on a later audit by the City.

The Contractor's cost records pertaining to Work paid for on a Force Account basis shall be open to inspection or audit by representatives of the City during the life of the Agreement and for a period of not less than three (3) years after the date of Agreement completion and the

Contractor shall retain such records for that period. Where payment for materials or labor is based on the cost thereof to forces other than the Contractor, the Contractor shall make every reasonable effort to insure that the cost records of such other forces will be open to inspection and audit by representatives of the City on the same terms and conditions as the cost records of the Contractor. If an audit is to be commenced more than sixty (60) Days after the date of Acceptance of the Agreement, the Contractor will be given fifteen (15) Days' notice of the time when such audit is to begin.

3-1.07 **COST REDUCTION PROPOSALS.** The City encourages the Contractor to submit Cost Reduction Proposals whenever the Contractor identifies areas and/or instances in which there can be savings to the Work. Contractor may submit to the City, in writing, proposals for modifying the plans, Specifications or other requirements of the Agreement for the sole purpose of reducing the total cost of construction, including the time for completion of the Work. The City may consider such Cost Reduction Proposals and, if accepted, the Agreement will be equitably adjusted. The City has no obligation to consider or accept Cost Reduction Proposals.

SECTION 4
CONTROL OF MATERIALS

4-1.01 **MATERIALS.** The Contractor shall furnish all materials required to complete the Work, except materials that are designated in the Supplemental Conditions to be furnished by the City and materials furnished by the City in accordance with Section 3, “Changes in the Work,” of these General Conditions.

Unless otherwise specified in the Supplemental Conditions, materials furnished by the Contractor for incorporation into the Work shall be new. When the quality or kind of materials, articles, or equipment is not particularly indicated, then the quality or kind thereof shall be similar to those that are indicated.

Articles or materials to be incorporated in the Work shall be stored in such a manner as to insure the preservation of their quality and fitness for the Work, and to facilitate inspection.

All materials which do not conform to the requirements of the Contract Documents as determined by the Director, will be rejected whether in place or not. Rejected material shall be removed immediately from the site of the Work, unless otherwise permitted by the Director. No rejected material, the defects of which have been subsequently corrected, shall be used in the Work, unless approval in writing has been given by the Director. Upon failure of the Contractor to comply promptly with any order of the Director made under these provisions, the Director shall have the authority to cause the removal and replacement of rejected material and to deduct the cost thereof from any moneys due or to become due the Contractor.

Manufacturer's warranties, guaranties, instruction sheets and parts lists, which are furnished with certain materials incorporated in the Work, shall be delivered to the Director

before Acceptance of the Contract.

Unless otherwise designated in the Supplemental Conditions or Specifications, materials furnished by the City will be delivered to the job site. Materials furnished by the City that are designated in the Supplemental Conditions as available at locations other than the job site shall be hauled to the site of the Work by the Contractor at its expense, including any necessary loading and unloading that may be involved.

The Contractor will be held responsible for all materials furnished to it, and shall pay all demurrage and storage charges. City-furnished materials lost or damaged from any cause whatsoever shall be replaced by the Contractor. The Contractor will be liable to the Department for the cost of replacing City-furnished material and such costs may be deducted from any moneys due or to become due the Contractor.

4-1.02 **PRODUCT AND REFERENCE STANDARDS.** When descriptive catalog designations, including manufacturer's name, product brand name, or model number are referred to in the Contract Documents, such designations shall be considered as being those found in industry publications in effect on the day the Notice to Contractors for the Work is dated, except as may be otherwise stated.

When standards or test designations of the Federal Government, trade societies, or trade associations are referred to in the Contract Documents by specific date of issue, these shall be considered as part of the Contract. When such references do not bear a date of issue, the edition in effect on the day the Notice to Contractors for the Work is dated shall be considered as part of the Contract.

4-1.03 **SAMPLING AND TESTING OF MATERIALS.** Unless otherwise specified, all tests shall be performed in accordance with the methods used by the State

Department of Transportation (Caltrans) and shall be made by the Director or his or her designated representative.

The State Department of Transportation has developed test methods for testing the quality of materials and Work. These test methods are identified by a California Test followed by the serial number. Copies of individual tests are available at the State Department of Transportation Laboratory, Sacramento, California, and will be furnished to interested persons upon request.

Whenever a reference is made in the Supplemental Conditions to a California Test by number, it shall mean the California test in effect on the day the Notice to Contractors for the Work is dated.

Whenever the Supplemental Conditions provide an option between two (2) or more test methods, the Director will determine the test method to be used.

Whenever a Supplemental Condition, manual, or test designation provides for test reports (such as certified mill test reports) from the manufacturer, copies of such reports, identified as to the lot of material, shall be furnished to the Director. The manufacturer's test reports shall supplement the inspection, sampling and testing provisions of this Section 4-1.03 and shall not constitute a waiver of the City's right to inspect. When material which cannot be identified with specific test reports is proposed for use, the Director may at his or her discretion, select random samples from the lot for testing. Testing specimens from the random samples, including those required for retest, shall be prepared in accordance with the referenced Supplemental Conditions and furnished by the Contractor at its expense. The number of such samples and test specimens shall be entirely at the discretion of the Director.

When requested by the Director, the Contractor shall furnish, without charge, samples of

all material entering into the Work, and no material shall be used prior to approval by the Director, except as provided in Section 4-1.04, "Certificates of Compliance," of these General Conditions.

A. Inspection and Access for Testing. The Contractor shall provide safe access for the Director and his or her inspectors to adequately inspect the quality of Work and conformance with the General and Supplemental Conditions. The Contractor shall provide adequate lighting, ventilation, ladders and other protective facilities as may be necessary for the safe performance of inspections.

The Contractor shall submit samples or specimens of such materials to be furnished or used in the Work as the Director may require. The Contractor shall furnish the Director all necessary labor and facilities for such things as excavation in the compacted fill to depths required to take samples.

Inspections, tests, or favorable review by the Director or others shall not relieve the Contractor from its obligations to perform the Work in accordance with the requirements of the Contract Documents.

Work covered without the favorable review or consent of the Director shall, if required by the Director, be uncovered for examination at the Contractor's expense.

If the Engineer, Architect, or Director considers it necessary or advisable that covered Work be inspected or tested by others, the Contractor, at the Director's request, will uncover, expose or otherwise make available for observation, inspection or testing as the Director may require, that portion of the Work in question, furnishing all necessary labor, materials, tools, and equipment. If it is found that such Work is defective, the Contractor will bear all the expenses of such uncovering, exposure, observation, inspection and testing and of

satisfactory reconstruction. If, however, such Work is not found to be defective and the Work was not covered without favorable review of the Director, the Contractor will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, to cover its costs directly attributable to such uncovering, exposure, observation, inspection, testing, and reconstruction and an appropriate Change Order shall be issued.

Whenever the Contractor varies the period during which Work is carried on each Day, the Contractor shall give due notice to the Director so that proper inspection may be provided. Any Work done in the absence of the Director may be subject to rejection. Proper facilities for safe access for inspection to all parts of the Work shall at all times be maintained for the necessary use of the Director and other agents of the City. Authorized representatives and agents of the Director shall be permitted access to inspect all Work and materials wherever it is required for preparation of progress reports, and the Contractor shall provide proper facilities for such access and inspection.

It is the Contractor's responsibility to supervise the Work and complete the project in accordance with the Contract Documents. In the course of managing that effort, the Contractor shall generate its own punch lists as deemed necessary. The Director may prepare punch lists for the Director's own use in communicating with the Contractor; however, the Director shall be under no obligation to prepare punch lists for the Contractor. In general, the Director will prepare punch lists only after the Contractor has given the Director written notice that the subject Work is completed and tested in accordance with the Contract Documents and is ready for operation and/or use and/or occupancy. Failure of the Director to include an item in a punch list shall not relieve the Contractor of its duty to satisfactorily complete all Work required by the Contract Documents.

Upon Final Completion of the construction Work and request by the Contractor, the Director will conduct a final inspection as a basis for recommending to the City that the Work be accepted.

B. Field and Materials Testing. Where the Supplemental Conditions require Work to be specially field tested or approved, it shall be tested only in the presence of the Director after timely notice of its readiness for inspection and test, and the Work after testing shall be covered up only upon the consent thereto of the Director.

The results of any tests made are for the information of the Director. Regardless of any test results, the Contractor is solely responsible for the quality of workmanship and materials and for compliance with the requirements of the Contract Drawings and Supplemental Conditions.

Except as specifically required under the Supplemental Conditions, all tests by the Director of materials furnished by the Contractor will be done in accordance with commonly recognized standards of national organizations. The Contractor shall furnish such samples of all materials as required by the Director without charge. No material shall be used unless it has been favorably reviewed by the Director.

Where such inspection and testing are to be conducted by an independent Laboratory or agency, the sample or samples of materials to be tested shall be selected by such Laboratory or agency, or the Director, and not by the Contractor.

C. Costs of Testing.

1. Initial Services: The City shall furnish and pay for all initial testing services required by the Contract Documents. When initial tests indicate non-compliance with the Contract Documents, the cost of initial tests associated with that non-compliance will be

deducted by the City from the balance owed the Contractor. The Contractor shall furnish samples of materials for testing as may be required by the Director. Such samples shall be furnished without cost to the City.

2. Retesting: When initial tests indicate non-compliance with the Contract Documents, all subsequent retesting occasioned by the non-compliance shall be performed by the same testing Laboratory and the cost thereof will be deducted by the City from the balance owed the Contractor. Contractor shall be billed for each additional test.

3. Contractor Convenience Testing: Inspection or testing performed exclusively for the Contractor's convenience shall be the sole responsibility of the Contractor.

4. Additional Tests and Inspections: When in the opinion of the Director additional tests or inspections are required because of the manner in which the Contractor executes its Work, such tests and inspections shall be paid for by the City, but will be deducted from the Contract Price. Examples of such tests and inspections are tests of materials substituted for previously accepted materials or substituted for specified materials, retests made necessary by failure of material to comply with the requirements of the Specifications, load tests made necessary because of portions of the structure not fully meeting Specifications or plan requirements, etc.

4-1.04 **CERTIFICATES OF COMPLIANCE.** A Certificate of Compliance shall be furnished prior to the use of any materials for which the Supplemental Conditions require that such a Certificate be furnished. In addition, the Director may permit the use of certain materials or assemblies prior to sampling and testing if accompanied by a Certificate of Compliance. The Certificate shall be signed by the manufacturer of the material or the manufacturer of assembled materials and shall state that the materials involved comply in all

respects with the requirements of the Supplemental Conditions. A Certificate of Compliance shall be furnished with each lot of such materials delivered to the Work and the lot so certified shall be clearly identified in the Certificate.

All materials used on the basis of a Certificate of Compliance may be sampled and tested at any time. The fact that material is used on the basis of a Certificate of Compliance shall not relieve the Contractor of responsibility for incorporating material in the Work which conforms to the requirements of the Contract Documents and any such material not conforming to such requirements will be subject to rejection whether in place or not.

The Department reserves the right to refuse to permit the use of material on the basis of a Certificate of Compliance.

The form of the Certificate of Compliance and its disposition shall be as directed by the Director.

SECTION 5

LEGAL RELATIONS AND RESPONSIBILITY

5-1.01 **LAWS TO BE OBSERVED.** The Contractor shall keep informed of and observe, and comply with and cause all of its agents and employees to observe and comply with, all prevailing Federal and State laws, and rules and regulations made pursuant to said Federal and State laws, and county and municipal ordinances, and regulations, which in any way affect the conduct of the Contract. If any conflict arises between provisions of the Contract and any such law above referred to, the Contractor shall notify the Director at once in writing. To the fullest extent allowed by law, the Contractor shall defend, indemnify, and save and hold harmless the City or any of its officers, agents, employees, and volunteers against any claim or liability arising from or based on the violation of any such law, rule, or regulation, whether by itself or its agents or employees.

5-1.02 **HOURS OF LABOR.** Eight (8) hours labor constitutes a legal Day's work. The Contractor or Subcontractor shall, as a penalty to City, forfeit Twenty-five Dollars (\$25) for each worker employed in the execution of the contract by the respective Contractor or Subcontractor for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one (1) calendar day and forty (40) hours in any one (1) calendar week in violation of the provisions of the Labor Code, and in particular, Section 1810 to Section 1815, thereof, inclusive, except that Work performed by employees of Contractors in excess of eight (8) hours per day, and forty (40) hours during any one (1) week, shall be permitted upon public work upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half (1-1/2) times the basic rate of pay, as provided in said

Section 1815. In addition, Contractor and/or its Subcontractors may be required to pay double the basic rate of pay for all hours worked in excess of twelve (12) hours in any workday and under other circumstances. (See California Code of Regulations, Title 8, Sections 16100(c)(6) and (16200(a)(3)(F) and applicable Department of Industrial Relations prevailing wage determinations.)

5-1.03 **NONDISCRIMINATION.**

A. Attention is directed to Labor Code Section 1735, which reads as follows:

“A contractor shall not discriminate in the employment of persons upon public works on any basis listed in subdivision (a) of Section 12940 of the Government Code, as those bases are defined in Sections 12926 and 12926.1 of the Government Code, except as otherwise provided in Section 12940 of the Government Code. Every Contractor for public works who violates this section is subject to all the penalties imposed for a violation of this chapter.”

B. During the performance of this Contract, Contractor and its Subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of 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. The Contractor and Subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. The Contractor and Subcontractors shall comply with the provisions of the California Fair Employment and Housing Act (Government Code §12900, et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, §7285.0 et seq.) and other applicable State and Federal regulations and City

policies pertaining to nondiscrimination and affirmative action which are incorporated into this Agreement by reference and made a part hereof as if set forth in full. The Contractor and its Subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

C. Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform Work under the agreement.

5-1.04 **PREVAILING WAGE.** The Contractor and any Subcontractor shall comply with Labor Code Sections 1770 et seq. In accordance with said Section 1775 the Contractor and any Subcontractor under the Contractor shall, as a penalty, forfeit to the state or City not more than \$200 for each calendar day or portion thereof, for each worker paid less than the prevailing rate as determined by the Director of Industrial Relations for the work or craft in which such worker is employed for under the Contract by the Contractor or by any Subcontractor under the Contractor.

The amount of the penalty shall be determined by the Labor Commissioner based on consideration of both of the following: (a) whether the failure to pay the correct rate of per diem wages was a good-faith mistake and, if so, whether the error was promptly and voluntarily corrected when brought to the attention of the Contractor or Subcontractor; and (b) whether the Contractor or Subcontractor has a prior record of failing to meet its prevailing wage obligations.

The penalty may not be less than forty dollars (\$40) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, unless the failure of the Contractor or Subcontractor to pay the correct rate of per diem wages was a good faith mistake and, if so, the error was promptly and voluntarily corrected when brought to the attention of the Contractor or Subcontractor.

The penalty may not be less than eighty dollars (\$80) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, if the Contractor or Subcontractor has been assessed penalties within the previous three (3) years for failing to meet its prevailing wage obligations on a separate contract, unless those penalties were subsequently withdrawn or overturned.

The penalty may not be less than one hundred twenty dollars (\$120) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, if the Labor Commissioner determines that the violation was willful, as defined in subdivision (c) of Section 1777.1 of the Labor Code.

If the amount due under this section is collected from the Contractor or Subcontractor, any outstanding wage claim under Chapter 1 (commencing with Section 1720) of Part 7 of Division 2 of the Labor Code against the Contractor or Subcontractor shall be satisfied before applying that amount to the penalty imposed on that Contractor or Subcontractor pursuant to this section.

The determination of the Labor Commissioner as to the amount of the penalty shall be reviewable only for an abuse of discretion.

In addition to said penalty, 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 the Contractor or Subcontractor.

If a worker employed by a Subcontractor on a public works project is not paid the general prevailing per diem wages by the Subcontractor, the Contractor is not liable for any penalties described above unless the Contractor had knowledge of that failure of the Subcontractor to pay

the specified prevailing rate of wages to those workers or unless the Contractor fails to comply with all of the following requirements:

1. The contract executed between the Contractor and the Subcontractor for the performance of work on the public works project shall include a copy of the provisions of Sections 1771, 1776, 177.5, 1813, and 1815 of the Labor Code.
2. The Contractor shall monitor the payment of the specified general prevailing rate of per diem wages by the Subcontractor to the employees, by periodic review of the certified payroll records of the Subcontractor.
3. Upon become aware of the Subcontractor's failure to pay its workers the specified prevailing rate of wages, the Contractor shall diligently take corrective action to halt or rectify the failure, including, but not limited to, retaining sufficient funds due the Subcontractor for work performed on the public works project.
4. Prior to making final payment to the Subcontractor for work performed on the public works project, the Contractor shall obtain an affidavit signed under penalty of perjury from the Subcontractor that the Subcontractor has paid the specified general prevailing rate of per diem wages to its employees on the public works project and any amount due pursuant to 1813 of the Labor Code.

Pursuant to Section 1775 of the Labor Code, the Division of Labor Standards Enforcement shall notify the Contractor on a public works project within fifteen (15) Days of the receipt by the Division of Labor Standards Enforcement of a complaint of the failure of a Subcontractor on that public works project to pay workers the general prevailing rate per diem wages.

Pursuant to the provisions of California Labor Code Section 1773, the City has obtained

the general prevailing rate of wages applicable to the categories of workers the City anticipates will be utilized for this project 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 worker concerned or, if no collective bargaining applies, those holidays identified in Government Code Section 6700. 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 incorporated herein as a part of this Contract.

Pursuant to Labor Code Section 1773.2, the general prevailing wage rates set forth above, which forms a part of this Contract, shall be posted by the Contractor at a prominent place at the site of the Work.

Pursuant to Labor Code Section 1773.6 and California Code of Regulations Section 16204, Title 8, changes in general prevailing wage determinations shall apply to the project only if issued by the Director of Industrial Relations prior to the City's bid issuance date.

The City will not recognize any claim for additional compensation because of the payment by the Contractor of any wage rate in excess of the prevailing wage rate set forth in the Contract. The possibility of wage increases is one of the elements to be considered by the Contractor in determining its Bid, and will not under any circumstances be considered as the basis of a claim against the City or Contract.

When both California and Federal prevailing wage rates apply, the Contractor and any Subcontractors shall pay their workers the higher of the two rates. The Contractor and any Subcontractors shall insert this clause in any lower tier contract.

5-1.05 **REGISTRATION REQUIRED AS QUALIFICATION TO BID.**

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 contractor 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. 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 public work pursuant to Section 1725.5.

5-1.06 **PAYROLL RECORDS.** The Contractor's attention is directed to the following provisions of Labor Code Section 1776. The Contractor shall be responsible for the compliance with these provisions by its Subcontractors.

A. The Contractor and each Subcontractor shall keep accurate and current payroll records, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by it in connection with the public work. Each payroll record shall contain or be verified by a written declaration that is made under penalty of perjury, stating both of the following:

1. The information contained in the payroll record is true and correct.
2. The employer has complied with the requirements of Section 1771, 1811, and 1815 for any work performed by his or her employees on the public works project.

B. The payroll records enumerated under subdivision (A) shall be available for inspection at all reasonable hours at the principal office of the Contractor on the following

basis:

1. A certified copy of an employee's payroll record shall be made available for inspection or furnished to such employee or his or her authorized representative on request.

2. A certified copy of all payroll records enumerated in subdivision (A) shall be made available for inspection or furnished upon request to a representative of the City, the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards of the Department of Industrial Relations. The City reserves the right to withhold any progress payments to the Contractor in the event of noncompliance with the subsection.

3. A certified copy of all payroll records enumerated in subdivision (A) shall be made available upon request by the public for inspection or for copies thereof. However, a request by the public shall be made through either the City, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. The public shall not be given access to such records at the principal office of the Contractor.

C. The certified payroll records shall be on forms provided by the Division of Labor Standards Enforcement or shall contain the same information as the forms provided by the Division.

D. Each Contractor shall file a certified copy of the records enumerated in subdivision (A) with the entity that requested the records within ten (10) Days after receipt of a written request.

E. Any copy of the records made available for inspection as copies and furnished upon request to the public or any public agency by the City, the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement shall be marked or

obliterated to prevent disclosure of an individual's name, address and social security number.

The name and address of the Contractor awarded the Contract or Subcontractor performing the Contract shall not be marked or obliterated. Any copy of records made available for inspection by, or furnished to, a joint labor-management committee established pursuant to the federal Labor Management Cooperation Act of 1978 (Section 175a of Title 29 of the United States Code) shall be marked or obliterated only to prevent the disclosure of an individual's name and social security number. A joint labor-management committee may maintain an action in a court of competent jurisdiction against an employer who fails to comply with Section 1774. The court may award restitution to an employee for unpaid wages and may award the joint labor-management committee reasonable attorneys' fees and costs incurred in maintaining the action. An action under this subdivision may not be based on the employer's misclassification of the craft of a worker on its certified payroll records. Nothing in this subdivision limits any other available remedies for a violation of this section.

F. The Contractor shall inform the City of the location of the records enumerated under subdivision (A), including the street address, city and county, and shall, within five (5) business days, provide a notice of a change of location and address.

G. The Contractor shall have ten (10) Days in which to comply subsequent to receipt of written notice requesting the records enumerated in subdivision (A). In the event that the Contractor or Subcontractor fails to comply within the ten (10) Day period, the Contractor shall, as a penalty to the State or City, forfeit twenty-five (\$25) Dollars for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, these penalties shall be withheld from any progress payment or final payment then due. A contractor

is not subject to a penalty assessment pursuant to this section due to the failure of a Subcontractor to comply with this section.

5-1.07 **SAFETY REQUIREMENTS.** 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 Work 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 Work Site 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 IIPP (Illness and Injury Prevention 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 Contractor shall designate a safety officer and have in place a health and safety plan in accordance with the laws of State of California and conduct safety meetings and document them in accordance with the law. The Contractor shall have the safety record available for inspection during working hours and shall submit job site safety meeting reports with each Application for Payment.

Prior to Contractor commencing construction project work on City property, Contractor

shall make available copies of its Health and Safety Plan (HASP) that meets or exceeds applicable Cal/OSHA regulations. The Contractor's HASP shall also meet or exceed the requirements of any applicable City-wide or departmental specific Injury and Illness Prevention Programs (IIPP) and other HASP programs, procedures, and plans. Potentially applicable HASP programs, procedures, and plans include, but are not limited to, the following:

1. Bloodborne Pathogens Exposure Control Plan;
2. Confined Space Entry Procedure;
3. Electrical Safety Program (Lockout/Tagout);
4. Emergency Action Plans (Site Specific);
5. Fire Prevention Plans (Site Specific);
6. Hazardous Waste Operations Emergency Response Plan (or Equivalent);
7. Hazard Communication Program (SDS's and Right-to-Know training);
8. Heat Illness & Prevention Plan;
9. Hearing Conservation Program;
10. Hot Work/Welding Procedure;
11. Job Hazard Analyses/Standard Operating Procedures;
12. Traffic Control & Flagging;
13. Excavation/Dig Safe Procedure;
14. Fall Protection Plan;
15. Personal Protective Equipment Plan;
16. Respirable Crystalline Silica Exposure Control Plan;
17. Respirator Program;
18. Soils Management Plan (for contaminated soils); and

19. Transite (Asbestos) Pipe Work Procedure.

Additionally, Contractor shall be responsible for complying with all City-wide and departmental specific safety requirements as identified in the Supplemental Conditions or presented at a pre-construction meeting.

Contractor shall inform City in advance of the quantity of chemical(s) to be used for the project and the total quantity of chemical(s) that will be brought onto City property. In addition, Contractor shall provide City with one copy of the Safety Data Sheet (SDS) for each chemical expected to be used to complete the project and for each chemical brought to the Work Site, regardless of whether such chemicals are ultimately used for the project.

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 its operations.

To ensure compliance with California Labor Code Section 6705, the Contractor shall submit to the City, at least five (5) Days in advance of excavation of any trench five feet (5') or more in depth, Working Drawings to the Director showing the design of shoring, bracing, sloping and other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If such Working Drawings vary from the shoring system standards established by the Cal/OSHA Construction Safety Orders of the Division of Industrial Safety, the plan shall be prepared and signed by a registered civil or structural engineer in the State of California. 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 and nothing in this section shall be deemed to allow the use of a shoring, sloping or protective system less effective than that required by the Cal/OSHA Construction Safety Orders of the Division of Industrial Safety Contractor's Working Drawings shall be subject to approval insofar as the details affect the character of the finished Work and for compliance with design requirements applicable to the construction when specified or called for, but details of the design will be left to Contractor who shall be responsible for the successful construction of the Work. The City shall approve Working Drawings before any Work involving such drawings is performed. Approval and/or 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 its registered engineer.

The Contractor shall 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 and shall bear full and exclusive responsibility for any release of hazardous or non-hazardous chemicals or substances during the course of the Work. The Contractor shall immediately report any such release to the City. The Contractor shall be solely responsible for all claims and expenses associated with the response to, removal and remediation of the release, including, without limitation, payment of any fines or penalties levied against the City by any agency as a result of such release and shall defend, indemnify, and save and hold harmless the City, its officers, agents, employees, and volunteers from any claims arising from such release. For purposes of this section only, the term "claims" shall include:

1. All notices, orders, directives, administrative or judicial proceedings, fines, penalties, fees, or charges imposed by any governmental agency with jurisdiction; and
2. Any claim, cause of action, or administrative or judicial proceeding brought against the City, its officers, agents, employees, and volunteers for any loss, cost (including reasonable attorneys' fees), damage or liability, sustained or suffered by any person or entity, including the City.

If the performance of the Work creates any hazardous wastes, those wastes shall be properly disposed of according to federal, state, and local laws, at the expense of the Contractor. The Contractor shall dispose of the wastes under its own EPA Generator Number. In no event shall the City be identified as the generator. The Contractor shall notify the City of any such hazardous wastes and the City reserves the right to a copy of the results of any tests conducted on the wastes, and, at its cost, to perform additional tests or examine those wastes, prior to disposition. The Contractor shall defend, indemnify, and save and hold harmless the City, its

officers, agents, employees, and volunteers from any claims arising from the disposal of the hazardous wastes, regardless of the absence of negligence or other malfeasance by the Contractor. Disposal of all Hazardous Materials must be done in accordance with all laws and regulations. Copies of required regulatory documentation including copies of final manifests shall be supplied to the City.

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 including, but not limited to, California Code of Regulations Section 1529, Title 8.

Nothing in these General Conditions 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.

5-1.08 **SUBSURFACE EXCAVATIONS, NOTIFICATION.** The Contractor shall contact the regional notification center, "Underground Service Alert," and schedule its Work to allow ample time for the center to notify its members and, if necessary, for any member to field locate and mark its facilities. Without limiting the foregoing, the Contractor's attention is directed to Government Code Sections 4216 to 4216.9, and in particular Section 4216.2.

5-1.09 **PUBLIC SAFETY.** The Contractor shall assume all responsibility for public safety during the performance of its Work, and all costs arising therefrom shall be included in the Contract Price. Whenever the Contractor's operations create a condition hazardous to traffic or to the public, it shall furnish, erect and maintain, at its expense, such fences, barricades, lights, signs, and other devices and take such other protective measures as are

necessary to prevent accidents or damage or injury to the public. The Contractor shall establish the pedestrian detours with comparable lighting to the original pedestrian areas. The Contractor shall arrange for such flaggers as are necessary to give adequate warning to traffic or to the public of any dangerous conditions affecting traffic. For Work in a public right-of-way, the Contractor shall comply with the rules and regulations of the State, County, or local agency that owns the right-of-way.

The Contractor shall promptly and fully comply with and carry out, and shall without separate charge therefor to the City, all safety and first aid requirements prescribed by all applicable Federal, State, and local laws and regulations, rules, and orders. The Work shall be done in a safe manner; and the Contractor shall safeguard the safety and health of its employees, Subcontractors, and the people of local communities. The Contractor shall also be reasonable for ensuring that its Subcontractors comply with the provisions of this section.

Upon the failure of the Contractor to comply with any of the requirements of this section, the City shall have the authority, but not the duty, to stop the Work until such failure is remedied. The Contractor shall not be entitled to an adjustment of the Contract Time or an increase in the Contract Price due to any such suspensions.

When required by the Contract Documents, the Contractor shall construct, maintain, and remove detours for use of public traffic, without additional cost to the City, unless separate payment is specified in the Special Provisions.

The failure or refusal of the Contractor to construct and maintain detours at the proper time shall be sufficient cause for closing down the work until such detours are in satisfactory condition for use by public traffic.

Due care shall be exercised to avoid injury to existing improvements or facilities, utility

facilities, adjacent property and trees, shrubs, and other plants that are not to be removed.

Trees, shrubs and other plants that are not to be removed, and pole lines, fences, signs, survey markers and monuments, buildings and structures, conduits, pipe lines, sewer and waterlines, highway facilities, and any other improvements or facilities, under or above ground, that are within or adjacent to the work limit line shall be protected from injury or damage, and the Contractor shall provide and Install suitable safeguards to protect such objects from injury or damage. If such objects are injured or damaged by reason of the Contractor's operations, they shall be replaced or restored at the Contractor's expense. The facilities shall be replaced or restored to a condition as good as when the Contractor entered upon the Work Site, or as good as required by the Contract Documents if any such objects are part of the Work. The City may make or cause to be made such temporary repairs as are necessary to restore to service any damaged facility. The cost of such repairs shall be borne by the Contractor, and the costs may be deducted from any monies due or to become due to the Contractor under the Agreement.

The fact that any underground facilities is not shown on the Contract Drawings shall not relieve the Contractor of its responsibility pursuant to "Utility Facilities" in Section 2-1.12 elsewhere in the Contract Documents. It shall be the Contractor's responsibility, pursuant thereto, to ascertain the location of such underground improvements or facilities, which may be subject to damage by reason of its operations.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the Work involved in protecting or repairing property as specified in this section, shall be considered as included in the prices paid for the various Contract items of work and no additional compensation will be allowed therefor.

5-1.10 **EMERGENCIES.** In an Emergency affecting the safety of life, the

Work, or adjoining property, the Contractor, without special instructions or authorization from the City, shall act at its discretion to prevent such threatened loss or injury. In such an Emergency, the Contractor may perform such additional work as is reasonably required. Any compensation claimed by the Contractor on account of Work performed to an Emergency shall be determined in accordance with the provisions relating to Force Account payment contained elsewhere in the Contract Documents.

5-1.11 **APPRENTICES.** Attention is directed to Labor Code Sections 1777.5, 1777.6 and 1777.7 and Title 8, California Code of Regulations Section 200 et seq. In accordance with Section 1777.5, the Contractor shall secure the necessary certificates and shall contribute to the apprenticeship fund or funds, as provided therein. The Contractor shall require each Subcontractor who will perform work or labor or render service to the Contractor in or about the construction of the work to fully comply with Sections 1777.5 and 1777.6 of the Labor Code. To insure compliance and complete understanding of the law regarding apprentices, and specifically the required ratio thereunder, each Contractor or Subcontractor should, where some questions exist, contact the Division of Apprenticeship Standards, , or one of its branch offices prior to commencement of Work on the public works Contract. Responsibility for compliance with this section lies with the prime Contractor.

It is State and City policy to encourage the employment and training of apprentices on public works Contracts as may be permitted under local apprenticeship standards.

5-1.12 **FAIR LABOR STANDARDS ACT.** Attention is invited to the fact that the City has been advised by the Wage and Hour Division, U.S. Department of Labor, that Contractors engaged in construction Work are required to meet the provisions of the Fair Labor Standards Act of 1958 and as amended (52 Stat. 1060).

5-1.13 **WORKERS' COMPENSATION.** Pursuant to the requirements of Labor Code Section 1860, the Contractor will be required to secure the payment of workers' compensation to its employees in accordance with the provisions of Labor Code Section 3700.

Prior to the commencement of Work, the Contractor shall sign and file with the Director a certification in the following form:

“I am aware of the provisions of Labor Code Section 3700 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.”

5-1.14 **AIR POLLUTION CONTROL AND ASBESTOS.** The Contractor shall comply with all air pollution control rules, regulations, ordinances and statutes which apply to any Work performed pursuant to the Contract, including any air pollution control rules, regulations, ordinances and statutes, specified in Government Code Section 11017.

In the absence of any applicable air pollution control rules, regulations, ordinances or statutes governing solvents, all solvents, including but not limited to the solvent portions of paints, thinners, curing compounds, and liquid asphalt used on the project shall comply with the applicable material requirements of the applicable Air Quality Management District. All containers of solvent, paint, thinner, curing compound, or liquid asphalt shall be labeled to indicate that the contents fully comply with said requirements.

Unless otherwise provided in the Supplemental Conditions, material to be disposed of shall not be burned, either inside or outside the Premises.

The Contractor shall also 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, 40 C.F.R. Part 61, Subpart M, and California Code of Regulations Section 1529, Title 8.

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.

5-1.15 **USE OF PESTICIDES.** The Contractor shall comply with all local, state and federal rules and regulations of the Department of Food and Agriculture, the Department of Health, the Department of Industrial Relations and all other agencies which govern the use of pesticides required in the performance of the Work.

Pesticides shall include but shall not be limited to herbicides, insecticides, fungicides, rodenticides, germicides, nematocides, bactericides, inhibitors, fumigants, defoliants, desiccants, soil sterilants, and repellents.

Any substance or mixture of substances intended for preventing, repelling, mitigating, or destroying weed, insects, diseases, rodents, or nematodes and any substance or mixture of substances intended for use as a plant regulator, defoliant or desiccant shall be considered as pesticide.

5-1.16 **SOUND AND LIGHT CONTROL REQUIREMENTS.** The Contractor shall comply with all local sound control, light control, and noise level rules, regulations and ordinances which apply to any Work performed pursuant to the Contract. Work shall not begin before 7 a.m. nor occur after 7 p.m., unless otherwise permitted by the City.

Each internal combustion engine, used for any purpose on the Work or related to the Work, shall be equipped with a muffler, in good working order, of a type recommended by the manufacturer. No internal combustion engine shall be operated on the project without said

muffler.

5-1.17 **WEIGHT LIMITATIONS.** Unless expressly permitted elsewhere in the Contract Documents, the Contractor shall not operate construction equipment or vehicles of any kind which, laden or unladen, exceed the maximum weight limits set forth in Division 15 of the Vehicle Code over completed or existing base, surfacing, pavement or structures.

5-1.18 **ENVIRONMENTAL CLEARANCES; MITIGATION
MONITORING PROGRAMS; AND REGULATORY AGENCY PERMIT**

REQUIREMENTS. The Department will obtain all environmental clearances and other authorizations necessary for this project as set forth in the Contract Documents. The Contractor shall comply with the provisions, including giving notices during construction when required, of said authorizations. In the event the obtaining of said authorizations delays completion of all or any portion of the Work, an extension of time determined pursuant to the provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions will be granted.

Contractor shall comply with: (1) all mitigation identified in the mitigation monitoring program (attached to and adopted as a component of the mitigated negative declaration or Environmental Impact Report) to mitigate impacts to protected natural resources; and (2) all related permit requirements issued by the regulatory agencies authorizing the project. Contractor shall defend, indemnify, and save and hold harmless the City, its officers, agents, employees, and volunteers from any fines, claims, suits, actions or regulatory sanctions of every name, kind and description brought forth, or on account of, damage to protected natural resources from or arising out of Contractor's negligence or willful misconduct in the performance of this Agreement.

5-1.19 **PERMITS AND LICENSES.** The Contractor acknowledges and agrees that, prior to the submission of its bid for the Work, it fully familiarized itself with the

requirements of all applicable federal, state, county and municipal laws, codes, rules, and regulations, as well as the conditions of any required licenses and permits.

The Contractor shall procure all permits and licenses, including any applicable building permits (except those procured or to be procured by the City which are listed elsewhere in the Contract Documents), in coordination with the Director, pay all charges and fees, and give all notices necessary and incident to the due and lawful prosecution of the Work. Contractor shall be responsible for applying, paying all fees, and coordination for obtaining all permits for completion of the Work. All permits and licenses shall be obtained in sufficient time to prevent delays to the Work. Contractor will apply to the City for reimbursement for such permits costs. Accordingly, Contractor should not include the anticipated costs for permits in its bid, as the necessary permit costs will be reimbursed by the City.

The California Environmental Quality Act (Public Resources Code, Section 21000 to 21177) may be applicable to permits, licenses and other authorizations which the Contractor must obtain from State or local agencies in connection with performing the Work. The Contractor shall comply with the provisions of that Act in obtaining such permits, licenses and other authorizations, and all permits, licenses and other authorizations shall be obtained in sufficient time to prevent delays to the Work.

The Contractor shall maintain the applicable Contractor's license as identified in the Notice to Contractors and City business license for the duration of the Work.

5-1.20 **WATER POLLUTION.** The Contractor shall comply with all water pollution control rules, regulations, ordinances and statutes which apply to any Work performed pursuant to the Contract, including any water pollution control rules, regulations, and statutes, specified by the most current State of California NPDES General Permit for Stormwater

Discharges Associated with Construction Activity.

The Contractor shall take all necessary precaution to protect streams, vernal pools, ponds, reservoirs, and lakes from pollution with fuels, oils, bitumen, calcium chloride, and other harmful materials as consistent with the law. Also, the Contractor shall conduct and schedule operations so as to avoid discharging pollutants, such as but not limited to: sediment and silt to the storm drain system. The storm drain system consists of all facilities that are designed to convey stormwater to the Waters of the State as defined in the California Water Code. The storm drain system includes, but is not limited to, all streets, gutters, drain inlets, roadside ditches, streams, vernal pools, ponds, and lakes. Care shall be exercised to preserve roadside vegetation beyond the limits of construction.

5-1.21 **PROTECTION AND USE OF PROPERTY.** The Contractor shall be responsible for and provide and maintain all proper temporary walkways, covered walkways, barriers, roads, guards, railings, lights, warning signs, and take precaution at all times to avoid injury or damage to any person or any property, and upon completion of the Work, or at other times as directed, restore Premises and adjacent property to a proper condition. In the event of such injury or damage, Contractor shall report such injury and damage to City within forty-eight (48) hours of occurrence.

The Contractor shall protect adjoining property and nearby buildings, including City buildings, City roads, and public streets or roads, from dust, dirt, debris, or the nuisance arising out of the Contractor's operations or storage practices, and, if ordered by the Director, the Contractor shall provide and Install suitable safeguards, approved by the Director, to protect such objects from damage. If such objects are damaged by reason of the Contractor's operations, they shall be replaced or restored at the Contractor's expense.

If the Contractor damages any buildings, roads, utilities, or other property which belong to the City, or any Department or agency thereof, then the Director, at his or her option, may retain from the money due under the Contract an amount sufficient to insure repair of the damage.

The Director may make or cause to be made such temporary repairs as are necessary to restore to service any such damaged facility. The cost of such repairs shall be borne by the Contractor and may be deducted from any moneys due or to become due the Contractor under the Contract.

5-1.22 **RESPONSIBILITY FOR DAMAGE AND INDEMNIFICATION.**

The City of Roseville, its officers, agents, employees, and volunteers, including but not limited to the Director and his or her designee, 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 other 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, its workers, or anyone employed by the Contractor or the Contractor's 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 and hold harmless the City, and its respective officers, agents, Subcontractors, employees, and volunteers, and the successors and assigns of

any of them, (hereinafter referred to as "Indemnitees") from and against all claims, demands, liability, suits, actions, costs or expenses for any and all loss or damage, including but not limited to, personal injury, property damage, or economic loss, arising out of or resulting from allegations of (1) Contractor's use of the City's property or any activities or Work performed hereunder by the Contractor; (2) the Contractor's performance of the Work under the Agreement; or (3) the Contractor's breach of any provision of the Agreement. The duty of the Contractor to indemnify and save harmless includes the duties to defend as set forth in Civil Code Section 2778. The only exception to these provisions is that the Contractor's obligations under this section will not apply to the extent that the claims, demands, liability, suits, actions, costs or expenses are caused by Indemnitees' active negligence, willful misconduct, criminal acts, or for defects in design furnished by the Indemnitees, misconduct, criminal acts, or for defects in design furnished by the Indemnitees.

The Contractor waives any and all rights to any type of express or implied indemnity against the City, its officers, agents, employees, or volunteers.

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.

Any person, firm or corporation that Contractor authorizes to Work on the City's property including Subcontractors, shall be deemed to be an agent of the Contractor for purposes herein, shall be subject to all the applicable terms herein, and shall be within the scope of the Contractor's indemnity obligation described herein.

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 Department 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) 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 7-1.07, "Progress Payments," of these General Conditions.

C. If the City has 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 matter for which such retention was made, the Department shall be liable for interest on the amount retained at the legal rate of interest for the period of such retention.

5-1.23 **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 (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.

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.

5-1.25 **THIRD PARTY BENEFICIARY.** No provisions in the Contract Documents shall in any way inure to the benefit any third party (including the public at large or any member thereof) so as to constitute such person a third party beneficiary of the Contract, or of any term or condition or other provision of the Contract or otherwise give rise to any cause of action in any person not a party to the Agreement, except as expressly provided elsewhere in the Contract Documents.

5-1.26 **COORDINATION AND ACCESS.** The Contractor acknowledges that the City may award, or has already awarded, other construction contracts for additional work or may perform additional work with its own forces and that such work may affect the Work under this Agreement. Additionally, the Contractor acknowledges that the State and other public and private agencies may be granted a right-of-entry by the City for the purpose of constructing

facilities within and adjacent to the Work Site. It is the obligation of the Contractor to coordinate its Work with the work of others working within or adjacent to the City's property.

During performance of its Work, the Contractor shall not have exclusive access to or use of the work areas. The City may also require that certain facilities and areas be used concurrently by the Contractor and by other contractors working in the area. When two (2) or more contractors are employed on related or adjacent City work, each shall conduct its operations in such a manner as not to cause any unnecessary delay or hindrance to the other. Each contractor shall be responsible to the other for all damage to any work, to persons or property caused to the other by its operations, and for loss caused the other due to any unnecessary delays or failure to finish the work within the time specified for completion.

If any party of the Contractor's Work depends on the work of any other contractor and/or the City for proper execution and/or results, the Contractor shall promptly notify the City of any discrepancies and/or defects in said other work that would render its work unsuitable for proper execution and/or results prior to proceeding with the Contractor's own Work. If it becomes necessary, the City will resolve coordination and access problems.

The Contractor and its representative in charge of the Work shall familiarize themselves with the City's property and Work Site, and adjacent surroundings in the vicinity of said Work, and any private or public operations on adjoining properties.

5-1.27

OCCUPANCY BY THE DEPARTMENT PRIOR TO

ACCEPTANCE. The City may at any time notify the Contractor in writing that it intends to take Beneficial Occupancy of any portion of the Work even though the Work may not be substantially complete. Unless the reason for the City's taking Beneficial Occupancy is that the Contractor has not completed the Work (or portions thereof) in accordance with the Contract

Time, the City's Beneficial Occupancy shall relieve the Contractor from its responsibility for maintenance, loss or damage to that portion of the Work for which the City has taken Beneficial Occupancy other than that resulting from the Contractor's act or omission, negligence, willful misconduct or breach of warranty.

Should the Work (or portion thereof) not be completed in accordance with the Construction Schedule within the Contract Time (as adjusted under the terms of the Contract Documents), the City shall have the right, but not the obligation, to take Beneficial Occupancy of the Work. In such event, the Contractor shall not be entitled to any additional compensation on account of said occupancy by the City, nor shall the Contractor be relieved of any of its responsibilities under the Contract Documents, including, without limitation, Contractor's obligation to complete the Work in accordance with the Construction Schedule.

Beneficial Occupancy shall not be deemed an Acceptance by the City either of the Work or of any portion thereof, nor will it relieve the Contractor of full responsibility for correcting defective Work or materials found at any time before the formal written Acceptance of the entire Contract by the Director or during the full warranty period after such Acceptance, as provided in Section 7-1.12, "Warranty," of these General Conditions.

The City's Beneficial Occupancy shall not relieve the Contractor of its responsibility to maintain all insurance and bonds required under the Contract Documents until the entire project is accepted by the City.

5-1.28 **RIGHT TO OPERATE UNSATISFACTORY FACILITIES AND EQUIPMENT.** If, after Installation, the operation or use of the facilities or equipment to be furnished under this Contract proves to be unsatisfactory to the Director, the City shall have the right to operate and use such facilities or equipment until they can, without damage to the City,

be taken out of service for correction or replacement. Such period of use of the defective facilities or equipment, pending correction or replacement, shall in no way decrease the warranty period required for the acceptable corrected or replaced facilities or equipment.

5-1.29 **CONTRACTOR'S RESPONSIBILITY FOR THE WORK.** Except as otherwise provided herein, the Contractor shall have the charge and care of the Work and shall bear the risk of injury or damage to any part of the Work by the action of the elements or from any other cause whether arising from the execution or from the nonexecution of the Work until the Acceptance of the Contract by the Director. The Contractor shall rebuild, repair, restore, and make good all injuries or damages to any portion of the Work occasioned by any cause before its completion and Acceptance, and shall bear the expense thereof. In case of suspension of Work from any cause whatever, the Contractor shall be responsible for the Work and it shall also be responsible for all materials, and shall properly store them if necessary, and shall provide suitable drainage and erect temporary structures where necessary.

The Contractor will be relieved of responsibility for any injury or damage to the Work caused by the following:

- A. An earthquake in excess of a magnitude of 3.5 on the Richter Scale or a tidal wave, when the effect of such has been proclaimed a disaster or state of emergency by the Governor of the State of California or by the President of the United States, or was of such magnitude at the site of the Work as to have been sufficient to have caused a proclamation of disaster or state of emergency, had it occurred in a populated area.
- B. Occupancy and use by the Department or the public prior to the completion of the entire project.
- C. Acts of the Federal Government or the public enemy.

5-1.30 **RESPONSIBILITY FOR UTILITIES.** The Contractor shall be

responsible at its own cost for any and all Work, expense or special precautions caused or required by the existence or proximity of utilities encountered in performing the Work, including without limitation, repair of any or all damage and all hand or exploratory excavation required. The Contractor is cautioned that such utilities may include communication cables or electrical cables which may be high voltage, and when working or excavating in the vicinity of such cables, or the ducts enclosing such cables, the Contractor shall undertake at its own cost any special precautions required. Suitable warning signs, barricades, and safety devices shall be erected as necessary or required.

However, if during the course of the Work the Contractor encounters utility Installations which are not shown or indicated in the Contract Documents or which are found in a location substantially different from that shown, and such utilities are not reasonably apparent from visual examination, then the Contractor shall promptly notify the Director in writing. Where necessary for the Work of the Contract, the Director shall issue a written order to the Contractor to make such adjustments, rearrangement, repair, removal, alteration, or special handling of such utility, including repair of the damaged utility. The Contractor shall perform the Work described in such written order, and compensation therefor will be made in accordance with Section 3 of these General Conditions relating to changes in the Work. Except for the items of cost specified in said Section 3, the Contractor shall receive no compensation for any other cost, damage, delay, interference, or hindrance to him or her due to the presence of such utility. If the Contractor fails to give the notice specified above and thereafter acts without instructions for the Director, then the Contractor shall be liable for any or subsequent to discovery thereof, and the Contractor shall repair and make good such damage at its own cost.

The precise location of underground facilities can only be determined by careful probing or hand digging in compliance with Article 6 of the Cal/OSHA Construction Safety Orders which states in part:

“Prior to opening an excavation, effort shall be made to determine whether underground installations, i.e., sewer, water, fuel, electric lines, etc., will be encountered, and if so, where such underground installations are located. When the excavation approaches the approximate location of such an installation, the exact location shall be determined by careful probing or hand digging, and, when it is uncovered, adequate protection shall be provided for the existing installation.”

The location of known existing utilities and pipelines are shown on the Contract Drawings in their approximate locations. Some of the locations include multiple conduits. The Contractor shall exercise care in avoiding damage to those facilities which are to remain in service subsequent to the construction of the particular new facility involved and the Contractor will be held responsible for any repairs if damaged. The Contractor shall also exercise care in maintaining those pipes and facilities required for continuing operation of the existing facilities until such time as they can be abandoned. There is no guarantee that all utilities or obstructions are shown on the Contract Drawings or that the locations indicated are accurate.

The Contractor shall exercise extreme caution in working in the area adjacent to the existing pipelines and utility services. It is essential that all the existing facilities be maintained in service. Construction of the connections between the existing facilities and the new facilities shall be at times and during periods acceptable to the City. The Contractor shall advise the Director in writing of its proposed Construction Schedule for these connections at least forty-eight (48) hours in advance.

The Contractor shall uncover all piping and conduits, to a point one foot (1') below the pipe, where crossings, interferences, or connections are shown on the Contract Drawings, prior to trenching or excavating for any pipe or structures, to determine actual elevations. New pipelines shall be laid to such grade as to clear all existing facilities which are to remain in service. If the Contractor does not expose all required utilities, it shall not be entitled to additional compensation for Work necessary to avoid interferences nor for repair to damaged utilities. Excavations around underground electrical ducts and conduits shall be performed using extreme caution to prevent injury or damage to workers and to the electrical ducts or conduits.

5-1.31 **PROPERTY RIGHTS IN MATERIALS.** Nothing in the Contract shall be construed as vesting in the Contractor any right of property in the materials used after they have been attached or affixed to the Work or soil or after partial payment has been made as provided in Section 7-1.07, "Progress Payments," of these General Conditions for material delivered on the ground or stored subject to or under the control of the City and unused. All such material shall become the property of the City upon being so attached or affixed or upon payment for materials delivered on the ground or stored subject to or under the control of the City and unused, as provided in said Section 7-1.07.

5-1.32 **COURT ORDERED DELAY.** If, pursuant to court order, the Department temporarily suspends performance of all or any portion of the Work, an extension of time determined pursuant to the provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions will be granted.

5-1.33 **NO PERSONAL LIABILITY.** Neither the Director, nor any other officer or authorized employee of the City, shall be personally responsible for any liability arising under or by virtue of the Contract.

5-1.34 **RIGHTS IN LAND AND IMPROVEMENTS.** The Contractor shall make no arrangements with any person or entity to permit occupancy or use of any land, structure or building within the limits of the Work, for any purpose whatsoever, either with or without compensation, in conflict with any agreement between the City and any third party owner, former owner, or tenant of such land, structure or buildings. The Contractor shall not occupy City-owned property outside the limit of the Work shown on the Contract Drawings unless it obtains prior approval.

5-1.35 **ANTITRUST CLAIMS.** The Contractor's attention is directed to the following provision of Public Contract Code Section 7103.5(b), which is applicable to the Contractor and its Subcontractors:

“ In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the contractor or subcontractor offers and agrees to assign to the awarding body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the awarding body tenders final payment to the contractor, without further acknowledgement by the parties.”

5-1.36 **RIGHTS TO DRAWINGS, TECHNICAL DATA PATENTS.** Shop

Drawings and Working Drawings submitted to the City by the Contractor, Subcontractor or any lower tier Subcontractor pursuant to the Agreement, are the property of the City and the City may use, and disclose in any manner and for any purpose, Shop Drawings and Working Drawings delivered under the Contract.

Technical Data including manuals or instructional materials, computer or microprocessor software which are delivered or submitted to the City by the Contractor, Subcontractor, or any lower tier Subcontract pursuant to the Contract are the property of the City, and the City may use or disclose same in any manner and for any purpose.

The Contractor shall assume all costs arising from the use of patented materials, equipment, devices, or processes used on or incorporated in the Work, and shall defend, indemnify and save and hold harmless the City, and its duly authorized representatives, from all suits at law, or in equity, and actions of every nature for, or on account of the use of any patented materials, equipment, devices or processes. In case some materials, equipment, devices or processes are held to constitute an infringement and their use enjoined, the Contractor, at its expense, shall:

1. Secure for the City the right to continue using said materials, equipment, devices or processes by suspension of the injunction or by procuring a license or licenses; or
2. Replace such materials, equipment, devices, processes; or
3. Modify them so that they become non-infringing or remove the enjoined materials, equipment, devices or processes and refund the sums paid therefor without prejudice to any other rights of the City.

5-1.37 **PAYMENT OF TAXES.** Contractor shall pay all taxes and duties applicable to and assessable against any Work, equipment, materials, services, processes, and

operations incidental to or involved in the Agreement, including but not limited to, retail sales and use, transportation, export, import, business, and special taxes. The Contractor is responsible for ascertaining and acquainting itself with such taxes and making all necessary arrangements to pay them. The Contractor will maintain records that are auditable records, and these records shall be subject to the City's review to verify that Contractor's tax payments are current at all times.

The Contract Price paid for the Work shall include full compensation for all taxes which the Contractor is required to pay, whether imposed by Federal, State or local government, including, without being limited to, Federal excise tax. No tax exemption certificate nor any document designed to exempt the Contractor from payment of any tax will be furnished to the Contractor by the Department, as to any tax on labor, services, materials, transportation, or any other items furnished pursuant to the Contract.

The Contractor shall withhold and pay any and all sales and use taxes, withholding taxes, whether Federal, State, or local, Social Security taxes, State Unemployment Insurance charges and all other taxes which are now or hereafter may be required to be paid or withheld under any laws.

5-1.38 **GRATUITIES AND CONFLICT OF INTEREST.** The Contractor shall not offer or provide gratuities in the form of gifts, entertainment, loans, meals, rewards, and/or services to representatives of the City, including but not limited to, officers, employees, agents, Engineering Service Consultants, Consulting Engineers and Architects, Inspectors and/or Testing Agencies retained by the City. If it is found that the Contractor has violated this provision, the Contract may be subject to termination for default as defined elsewhere in these General Conditions.

During the term of the Contract and until the final payment has been made to the Contractor, the Contractor shall not employ or compensate in any manner whatsoever, the City's officers, employees and authorized representatives, agents, and any Engineering Service Consultants, Consulting Engineers and Architects, Inspectors, and/or Testing Agencies retained by the City. Any exception to the employment or compensation to any of the above named parties must be made in writing by the City. If the Contractor offers or provides employment or compensation to those named above during the term of the Contract, the Contract may be subject to termination for default.

5-1.39 **COOPERATION.** Should construction be under way by City forces or other forces or by other Contractors within or adjacent to the limits of the Work or should Work of any other nature be under way by such forces within or adjacent to said limits, the Contractor shall cooperate with all such forces to the end that any delay, interference or hindrance to their Work will be avoided. The right is reserved to perform other or additional Work at or near the site at any time, by the use of such forces.

5-1.40 **DIGGING TRENCHES OR OTHER EXCAVATIONS.** In the event any work involves digging trenches or other excavations that extend deeper than four feet (4') below the surface, City and Contractor shall comply with the following:

A. The Contractor shall promptly, and before the following conditions are disturbed, notify City in writing of any:

1. Material that the Contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.

2. Subsurface or latent physical conditions at the site differing from those made available to Contractor for inspection as provided in the project proposal.

3. Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in Work of the character provided for in the Contract.

B. The City shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the Contractor's cost of, or the time required for, performance of any part of the Work shall issue a Change Order under the procedures described in the Contract.

C. In the event that a dispute arises between the City and the Contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of the Work, the Contractor shall not be excused from any scheduled completion date provided for by the Contract, but shall proceed with all work to be performed under the Contract. The Contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between the contracting parties. However, no claim of the Contractor under this clause shall be allowed unless the Contractor has given the notice required by this Section. No claim by the Contractor for an equitable adjustment hereunder shall be allowed if asserted after final payment under this Contract.

5-1.41 **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, the Contractor and its subcontractors shall have a continuing legal obligation to maintain current

registration with the Department of Industrial Relations. The Contractor is hereby notified that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

5-1.42 **CITY OF ROSEVILLE ENCROACHMENT PERMITS AND RIGHTS-OF-WAY.** 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 and City Engineer.

To the extent indicated in the Contract Drawings, the City will provide the rights-of-way over private lands or the site to enable the Contractor to perform its work. The Contractor shall be solely responsible for securing any additional rights-of-way desired by the Contractor. The City will not be a party to nor assume any liability for any separate agreements reached between the Contractor and any third parties with respect to these additional rights-of-way. The Contractor shall procure evidence that agreements are in place with said third parties before the Contractor uses those areas covered by the agreements. Any damage to such private lands caused by the Contractor's operations shall be the sole responsibility of the Contractor.

5-1.43 **CALIFORNIA AIR RESOURCES BOARD REGULATIONS.** The Contractor shall comply with any applicable regulations of the California Air Resources Board ("CARB") set forth below.

A. **In-Use Off-Road Diesel-Fueled Fleets.** If the Contractor will use vehicles subject to Cal. Code Regs., tit. 13, §§ 2449 et seq. for the project, it shall submit a valid

Certificate of Reported Compliance to the City as provided in § 2449(n).

B. Advanced Clean Fleets. Pursuant to Cal. Code Regs., tit. 13, § 2013(i)(1), the Contractor shall submit to the City either a signed statement stating that it is not subject to the High Priority and Federal Fleets regulation of title 13, CCR section 2015 through 2015.6, or a document evidencing that it is listed on the CARB Advanced Clean Fleets webpage as a compliant fleet.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 6
PROSECUTION AND PROGRESS

6-1.01 **SUBLETTING AND SUBCONTRACTING.** The Contractor shall be responsible for all Work performed under the Contract. The Contractor shall give its personal attention to the fulfillment of the Contract and shall keep the Work under its control. Nothing in the Contract Documents shall create any contractual relationship between the City and any Subcontractor. The Contractor is fully responsible to the City for the acts and omissions of its Subcontractors of any tier. When any Subcontractor fails to prosecute a portion of the Work in a manner satisfactory to the Director, that Subcontractor shall not again be employed on the Work. Although the sections of the Contract may be arranged according to various trades, or general grouping of the Work, the Contractor is not obligated to sublet the Work in such manner. The Director will not arbitrate disputes among Subcontractors or between Contractor and one or more Subcontractors concerning responsibility for performing any part of the Work.

The on-site production of materials produced by other than the Contractor's own forces shall be considered as subcontracted. The erection, establishment or reopening of on-site plants for production of materials and the operation thereof in the production of materials for use on the Work shall conform to the requirements relating to labor set forth in the Contract Documents.

The Contractor shall also be responsible for coordinating the Work performed by Subcontractors and Suppliers.

The Contractor shall not substitute any person as Subcontractor in place of a Subcontractor listed on its bid proposal without the written approval of the Director. Substitutions must be in accordance with the provisions of the "Subletting and Subcontracting

Fair Practices Act” beginning with Public Contract Code Section 4100. Violations of this Act by the Contractor may subject it to penalties which may include cancellation of Contract, Assessment of ten percent (10%) of the Subcontractor's bid, and disciplinary action by the Contractors State License Board.

The Contractor shall pay any Subcontractors approved by the City for work that has been satisfactorily performed no later than seven (7) Days from the date of Contractor's receipt of progress payments by the City. Within seven (7) Days after receipt from the City of funds attributable to work performed by a Subcontractor, Contractor shall release any retainage payments withheld to the Subcontractor. In the event Contractor does not make progress payments or release retention to Subcontractors in accordance with the time period specified herein, Contractor may be subject to prompt payment penalties per statute.

6-1.02 **ASSIGNMENT.** The performance of this Contract may not be assigned, except upon the written consent of the City Council of the City of Roseville. Consent will not be given to any proposed assignment which would relieve the original Contractor or its surety of their responsibilities under the Contract nor will the City consent to any assignment of a part of the Work under the Contract.

The Contractor may assign moneys due or to become due to it under the Contract and such assignment will be recognized by the City, if given proper notice thereof, to the extent permitted by law, but any assignment of moneys shall be subject to all proper set-offs in favor of the City and to all deductions provided for in the Contract and particularly all money withheld, whether assigned or not, shall be subject to being used by the City for the completion of the Work in the event that the Contractor should be in default therein.

6-1.03 **BEGINNING OF WORK.** After the execution of the Contract by both

parties, the City will issue the Notice to Proceed upon its determination that it is appropriate for the Contract Time to commence.

The Contractor shall begin Work within fifteen (15) Days after receiving the Notice to Proceed from the Director, subject to the requirements stated elsewhere in the Contract Documents regarding, among other things, the submittal of Baseline Schedule, and shall diligently prosecute the same to completion within the time limit provided in the Supplemental Conditions. Contractor shall also achieve any and all Contract milestones as described elsewhere in the Contract Documents.

The Contractor shall notify the Director, in writing, of its intent to begin Work at least seventy-two (72) hours before Work is begun. The notice shall be delivered to the Director and shall specify the date the Contractor intends to start. If the project has more than one (1) location of Work, a separate notice shall be given for each location.

The Contractor is not authorized to perform any Work until it has received a Notice to Proceed from the City. Should the Contractor begin Work in advance of receiving notice that the Contract has been approved as above provided, any Work performed by it in advance of the said date of approval shall be considered as having been done by the Contractor at its own risk and as a volunteer unless said Contract is so approved thereafter.

6-1.04

PROGRESS SCHEDULE.

A. Preliminary Progress Schedule. The Contractor shall submit to the Director, within twenty (20) Days after date of the Notice to Proceed, a Preliminary Progress Schedule covering the Contractor's activities over the first three (3) months of operation in detail and the remainder of the project in summary. The Preliminary Progress Schedule shall schedule the project within the Contract Time for completion of the Work, and shall be subject to

favorable review by the Director.

B. CPM Schedule. The Contractor shall submit an acceptable Critical Path Method (CPM) Schedule to the Director within thirty (30) Days after the receipt of the Notice to Proceed. Subsequent revisions to said schedule shall be submitted as set forth hereinafter. The requirement for the CPM schedule is included to allow for adequate planning and execution of the Work, to determine the critical nature of delays, and to assist the Director in appraising the reasonableness of the proposed schedule and evaluating progress of the Work. The CPM schedule submitted under this Section shall utilize a CPM format, either the precedence or arrow diagramming method. The definitions of CPM terms and functions shall be as provided in the Associated General Contractors of America book *CPM in Construction, A Manual for General Contractors*, or a favorably reviewed alternative publication or reference. No progress payment will be made prior to submission and acceptance of the CPM Schedule.

1. The CPM schedule system shall consist of diagrams and accompanying mathematical analyses. The diagrams shall show elements of the project in detail and an entire project summary. Diagrams shall show the order and interdependence of activities and sequence in which the Work is to be accomplished as planned by the Contractor. The basic concept of a network analysis diagram shall be followed to show how the start of a given activity is dependent on the completion of preceding activities and its completion restricts the start of following activities. Detailed network activities shall include, in addition to construction activities, the submittal and favorable review of samples of material and Shop Drawings, the procurement of critical materials and equipment, fabrication of special material and equipment, and their Installation and testing. All activities of the City and the Director that affect progress and required Contract dates for completion of all or parts of the Work shall be shown. The

selection and number of activities shall be subject to favorable review by the Director. Summary networks shall be time scaled. Durations shall be in Days and shall not exceed fifteen (15) Days, except for submittal and delivery items. Where the duration of continuous Work exceeds fifteen (15) Days, Work items in the Construction Schedule shall be subdivided by location, approximate stationing or other sub-element of the Work.

The graphic network diagram shall include for each activity, the description, activity number, the estimated duration in Days, and all activity relationship lines. The network diagram shall be drawn for the early start of activities. All significant Submittals shall be scheduled along with manual Submittals and training on all large or critical pieces of equipment. If the precedence technique is utilized, the schedule project shall include a calendar in Work Days, a network report sorted by early start and a logic table report sorted by preceding Work item. If the arrow technique is utilized, the schedule report shall include a calendar in Work Days, a network report sorted by early start, a network report sorted by I-J numbers, and a network sorted by slack time and I-J numbers.

2. The critical path shall be shown on all reports and on the graphic network diagram. The activities which constitute the critical path shall be identified.

3. The mathematical analysis of the network diagram shall include a tabulation of each activity. The following information shall be furnished as a minimum for each activity:

- (a) preceding and following event numbers
- (b) activity description and number
- (c) estimated duration of activities
- (d) earliest start date (by calendar date)

- (e) earliest finish date (by calendar date)
- (f) actual start date (by calendar date)
- (g) actual finish date (by calendar date)
- (h) latest start date (by calendar date)
- (i) latest finish date (by calendar date)
- (j) slack or float
- (k) percentage of activity completed

4. The program shall be capable of accepting revised completion dates as modified by approved time adjustments and recomputations of all tabulation dates and float accordingly.

5. Submission and review of the system shall be as follows:

(a) The complete network analysis system, consisting of the detailed network mathematical analysis and network diagrams, shall be submitted within thirty (30) Days after receipt of the Notice to Proceed.

(b) The Contractor shall participate in a review and evaluation of the proposed network diagrams and analysis by the Director. Any revisions necessary as a result of this review shall be resubmitted for review by the Director within ten (10) Days. When completed, the favorably reviewed schedule shall then be the schedule to be used by the Contractor for planning, organizing and directing the Work and for reporting progress. If the Contractor thereafter desires to make significant changes in its method of operating and scheduling, the Contractor shall notify the Director in writing stating the reasons for the change.

(c) The Contractor shall submit at monthly intervals a report of the actual construction progress. Each monthly report shall cover a period of approximately thirty

(30) Days ending around the 20th of each month. The monthly reports shall be submitted within ten (10) Days of the end of the reporting period.

(1) If the project is proceeding on schedule, the monthly update report may consist of a marked-up copy of the graphical network diagram. This submittal shall clearly indicate the status of any minor shifts in sequence or schedule and the estimated completion date or percent complete of all activities currently in progress. The Contract completion date shall also be indicated. The Contractor shall submit a narrative report relating to status of construction, the schedule, and factors which may affect the remainder of the schedule. The report shall show the activities or portions of activities completed during the reporting period. The report shall state the percentage of the Work actually completed and scheduled as of the report date and the progress along the critical path in terms of Days ahead or behind the allowable dates.

(2) If, in the opinion of the Director, the project is behind schedule, the monthly report shall include a revised network diagram and/or mathematical analysis showing the Contractor's proposed revised schedule. An analysis of the effect that the delay has on progress along other paths shall also be included in the report. The Contractor shall also submit a narrative report with each updated analysis which shall include but not to be limited to a description of current and anticipated problem areas, delaying factors and their impact, and an explanation of corrective actions taken or proposed.

(3) Periodic report shall be submitted in sufficient copies to cover Contractor needs plus five (5) copies and an available electronic copy to be retained by the Director.

6. To the extent that the favorably reviewed initial Construction Schedule, or revisions thereto, indicate anything not jointly agreed upon, it shall be deemed to be not favorably reviewed by the Director. Any omission of Work from the detailed schedule, otherwise required for Contract compliance, will not excuse the Contractor from completing such Work within any applicable completion date. The CPM schedule shall be generated by computer methods.

C. Schedule Review. Once each month, on a date mutually agreed upon, but no later than seven (7) business days after the monthly schedule progress report date, a Work Site meeting will be held to review the Construction Schedule and job progress. The Contractor shall also attend weekly meetings scheduled by the Director to review the progress of the Work in the preceding week and in the subsequent week, coordinate the Work with public agencies or other Contractors as required, and allow the Director to plan his or her activities for testing, inspection, etc.

D. Schedule Revisions. The conditions under which the Director will require revisions of the Construction Schedule include the following:

1. When delay in completion of any Work item or sequence of Work items results in an estimated extension of project completion by either twenty (20) business days or by ten percent (10%) of the remaining duration of time to complete the Contract, whichever is less.

2. When delays in Submittals or deliveries make replanning or rescheduling of the Work necessary.

3. When the schedule does not represent actual prosecution and progress of the Work.

4. When any change to the sequence of activities, the completion date for major portions of the Work, or when changes occur which affect the critical path.

5. When Contract Amendments or a Change Order necessitates schedule revision, the Contractor shall submit a schedule analysis of all Change Order Work with its proposal.

E. Cash Flow Projection. A cash flow projection shall be submitted with the Construction Schedule. This cash flow projection shall be revised and resubmitted when revisions of the Construction Schedule will result in changes to the projected cash flow.

F. Schedules showing project completion dates earlier than specified in the Supplemental Conditions will be rejected unless justification can be provided for early completion.

6-1.05 **SCHEDULE OF VALUES.** Prior to preparation of the first estimate for a progress payment, the Contractor shall submit for favorable review by the Director a detailed Schedule of Values or cost breakdown of the Work under each bid item awarded. The breakdown will then become the basis for partial payment determination. Elements of Work shall be grouped by structure, pipeline, system, etc. Within each grouping, Work should be itemized by readily measurable quantities of Work complete in place. For example, concrete should be in units of cubic yards including form Work and reinforcing steel. Move-on costs, bond and insurance costs, and Overhead costs shall not be considered an item of cost for this purpose but shall be prorated over items of Work. In the event the Schedule of Values is not favorable reviewed by the Director, another Schedule of Values shall be submitted that is mutually acceptable to the Contractor and the Director.

6-1.06 **CITY'S RIGHT TO STOP WORK.** The Director shall have the

authority to order the Contractor, in writing, to suspend the Work wholly or in part, for such period as the Director may deem necessary due to the failure on the part of the Contractor to correct Work that is not in accordance with the requirements of the Contract Documents or if Contractor persistently fails to carry out Work in accordance with the Contract Documents.

The Contractor shall immediately comply with the written order of the Director to suspend the Work wholly or in part. The suspended Work shall be resumed when conditions are favorable and methods are corrected, as ordered or approved in writing by the Director.

Any stoppage of work under this section shall be at the Contractor's sole expense, and the Contractor shall have no claim against the City based on the Contractor's failure to perform the Work in accordance with the Contract Documents.

In addition to the City's right to stop Work, the City may order the Contractor to submit to the City at no additional cost to the City, additional information concerning Contractor's planned Work if the Contractor fails to promptly correct Work that is not in accordance with the requirements of the Contract Documents or persistently fails to carry out Work in accordance with the Contract Documents. The additional information ordered by the City may include, but is not limited to, preparation of Submittals or Working Drawings not otherwise required to be submitted under the Contract Documents.

In the event the City discovers that the Contractor has created an unsafe condition the City may arrange for other work forces to remedy the condition. Such remedial work shall be at the sole discretion of the City. If this action is required, the City may unilaterally terminate Work under the Contract, and will pay only for the quantities of Work actually performed, less the cost of the City's remedial Work. In the event that Work is not halted, the Contractor must take immediate steps to correct the situation. There will be no extra payment for Work required

to correct unsafe conditions.

The right of the City to suspend the Work shall not give rise to a duty on the part of the City to exercise this right for the benefit of the Contractor or any other person or entity. This right shall be in addition to and not in restriction or derogation of the City's other rights under the Contract Documents.

In the event of a suspension of Work under any of the conditions set forth in this Section 6-1.06, such suspension of Work shall not relieve the Contractor of its legal responsibilities as set forth in these General Conditions.

6-1.07 **TIME OF COMPLETION.** The Contractor shall complete the entire Work, including Installation, repairs, startup, troubleshooting, painting, and touchup, training, submittal or record drawings, and manuals, cleanup, demobilization, and all other Work within the number of Days set forth in the Supplemental Conditions. The time for completion includes an allowance for working time lost due to normal inclement weather.

Extensions of time may be allowed for unusual inclement weather under the provisions hereinafter described. Unusual inclement weather is weather which adversely affects "controlling" operations or the critical path of construction and which meets one of the following criteria:

A. For the particular calendar month in question, the number of individual Days with rainfall exceeding 0.10 inches exceeds the average number of such Days for that month over the immediately preceding five (5) years of record by at least three (3) Days.

B. For the particular calendar month in question, the total cumulative rainfall for that month exceeds the average cumulative rainfall for that month over the immediately preceding five (5) years of record by at least two inches (2").

Rainfall shall be measured at a publicly operated, maintained, and reported station in reasonable proximity to the construction site. A claim for delay shall indicate the period of rainfall which is claimed as “unusual,” the specific dates during which the unusual rainfall and subsequent wet soil conditions prevented Work, and the specific critical path tasks adversely affected by such unusual weather. A claim for delay due to unusual inclement weather shall be filed within ten (10) Days of the apparent end of the unusual inclement rainfall period, whether or not the monthly totals are available at that time. The burden of proof that weather meets the criteria for unusual weather shall be solely the responsibility of the Contractor.

It is the responsibility of the Contractor to order materials required for the Work properly and promptly on a Notice to Proceed. If evidence presented demonstrates that, in spite of the Contractor's efforts, government-established priorities controls delay material deliveries, suitable extension of time will be made.

If performance of extra Work ordered by the City or failure of the City to provide the necessary site for Installation affects construction tasks which are “controlling” or which are on the “critical path” of the Construction Schedule, suitable extensions of time will be made.

The Contractor shall not be entitled to a time extension for delays in activities on non-critical paths of the favorably reviewed schedule unless the duration of the excusable delay exceeds the total float of the activities being delayed. If the duration of an excusable delay does exceed the total float of the activities affected by the delay, the Contractor shall be entitled to an extension equal to the difference.

C. Determination that a day is a non-working day by reason of inclement weather or conditions resulting immediately therefrom, shall be made by the Director.

6-1.08 **LIQUIDATED DAMAGES.** It is agreed by the parties to the Contract

that in case all the Work called for under the Contract in all parts and requirements is not completed within the number of Days as set forth in the Supplemental Conditions, damage will be sustained by the City and that it is and will be impracticable and extremely difficult to ascertain and determine the actual damage which the City will sustain in the event of and by reason of such delay; and it is therefore agreed that the Contractor will pay to the City, the monetary amount indicated in the Supplemental Conditions in dollars (U.S.) per day for each and every calendar day of delay in completing the Work in excess of the number of Days prescribed and the number of additional calendar days, if any, authorized by Contract Change Order; and the Contractor agrees to pay said Liquidated Damages herein provided for, and further agrees that the City may deduct the amount thereof from any moneys due or that may become due the Contractor under the Contract.

It is further agreed that in case the Work is not finished and completed in all parts and requirements within the number of Days specified, the City shall have the right to increase the number of Days or not, as it may deem best to serve the interest of the City, and if it decides to increase the said number of Days, it shall further have the right to charge to the Contractor, its heirs, assigns or sureties and to deduct from the final payment for the Work all of any part, as it may deem proper, of the actual cost of engineering, inspection, superintendence, and other Overhead expenses which are directly chargeable to the Contract, and which accrue during the period of such extension, except that cost of preparation of final statement shall not be included in such charges.

6-1.09 **DELAYS AND EXTENSIONS TO THE WORK.** The Contractor must complete all Work within the time specified in the Agreement. The Contractor will be granted an extension of time and will not be assessed with liquidated damages or the cost of engineering

and inspection for any delay in substantially completing the Work (or parts thereof) beyond the time set forth in the Agreement, provided that such delay was caused by unforeseeable causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include acts of public enemy, fire, floods, abnormal weather (as described below), earthquakes, epidemics, quarantine restrictions, strikes, labor disputes and freight embargoes, fire, changes made pursuant to the provisions of "Changes in the Work" under Section 3 of these General Conditions or acts or neglect of the City not contemplated by the Contract Documents.

In all cases, any extension of time is conditioned on the following:

1. That the cause is not due to the fault or negligence of the Contractor, and the Contractor has taken reasonable precautions to prevent and minimize the effects thereof; and
2. That the Contractor notifies the Director in writing within three (3) Days from the beginning of such delay specifying the nature of the delay and the measures that have been or will be taken to prevent or minimize the delay. Failure to submit written notice within this time period shall constitute an absolute waiver of any claim for a time extension.

No extension of time will be granted for a delay caused by a shortage of materials, unless the Contractor furnishes to the City documentary proof that it has diligently made every effort to obtain such materials from all known sources within reasonable reach of the work and further proof, as acceptable to the Director, that the inability to obtain such materials when originally planned did in fact cause a delay in Final Completion of the entire Work which could not be compensated for by revising the sequence of the Contractor's operations. Only the physical shortage of material will be considered as a cause for extension of time, and no consideration

will be given to any claim that material could not be obtained at a reasonable, practical or economical cost or price, unless it is shown to the satisfaction of the City that such material could have been obtained only at exorbitant prices entirely out of line with current rates, taking into account the quantities involved and the usual practices in obtaining such quantities.

No extension of time will be granted for a delay caused by Contractor's staff turnovers, understaffing or insufficient quantity of qualified staff able to perform the necessary work.

The term "shortage of materials," as used in this section, shall apply only to materials, articles, parts or equipment which are standard items and shall not apply to materials, parts, articles or equipment which are processed, made, constructed, fabricated or manufactured to meet the specific requirements of the Contract Documents.

No extensions of time will be granted for delays that have no measureable impact on the completion of the Work (or parts thereof) under the Contract Documents. When extensions of time are granted, they will be limited to the period equivalent to the actual number of Days lost on the critical path or controlling operations of the Construction Schedule, taking into account the extent to which that delay could be decreased by reasonable mitigation measures by the Contractor. All requests for extensions of time must be supported with a critical path analysis showing the critical path and impacts to it. Contractor's failure to submit this analysis will be sufficient cause for denial of any request for a time extension.

Within a reasonable period of time after the Contractor submits the notice and information required by this section, the City will determine whether an extension of time is justified and, if so, the number of days for the extension.

Abnormal weather may be a valid basis for a time extension under the Agreement. "Abnormal Weather" occurs when the number of days of rain above 0.5 inches in a 24 hour

period exceeds the average for such rainfall in a particular month as determined by the National Weather Service. The Contractor will only be entitled to, at most, a time extension for the number of days of rain exceeding the average for that month in the locale where the Work is to be performed. If delays are caused by the Contractor or those for whom the Contractor is responsible, the Contractor will only be entitled to, at most, a time extension for the number of rain days exceeding the average for the month when the Work should have been performed.

In addition, before a time extension may be granted for abnormal weather, the Contractor must establish that the rain either significantly impacted at least sixty percent (60%) of the planned work of the controlling operations for a particular day or prohibited at least five (5) hours of work on the controlling operations planned for that day. Contractor shall employ reasonably methods to mitigate the impact of abnormal weather (i.e., dewatering, protection of site, etc.) The occurrence of rain during non-work hours or having minimal impact to work on the controlling operation shall not constitute a day of abnormal weather.

In the event that the project experiences favorable weather for a particular month (e.g., the number of actual rain days in a month less than that indicated above for allowable rain days per months), the additional float resulting from such favorable weather shall accrue to the project.

Any Contractor claim for damages or additional compensation based on delay shall be limited to only those circumstances where the Contractor has fulfilled each of the following three (3) requirements:

1. Contractor has established its entitlement to a time extension pursuant to the provisions described above regarding delay and extensions to the Work.
2. The delay was caused solely by the City's issuance of changes made pursuant to the

provisions of “Changes in the Work” under Section 3 of these General Conditions or by acts or neglect of the City.

3. The delay was unreasonable under the circumstances and not within the contemplation of the parties.

It is expressly understood and agreed that delays caused by the City will be non-compensable when there are concurrent delays caused by the Contractor. Also, the Contractor shall have no entitlement to additional compensation for any delay where there have been concurrent delays caused by non-compensable delays, including, but not limited to, fire, floods, earthquakes, epidemics, quarantine restrictions, strikes, labor disputes, and freight embargoes.

Contractor’s damages and/or additional compensation for delays will consist solely of the extended costs of maintaining the Contractor’s Work Site presence. The Contractor will not be entitled to any extended home office overhead.

Compensation for idle time of equipment will be determined in the same manner as determinations are made for equipment used in the performance of extra work paid for on a Force Account basis with the following exceptions:

1. The time for which compensation will be paid will be the actual normal working hours during which such delay conditions exists, but in no case will exceed eight (8) hours in any one day.
2. The days for which compensation will be paid will be each calendar day of the work week (defined elsewhere in the Contract Documents) and Legal Holidays, during the existence of such delay, except that when rental of the equipment is paid for under the provisions in Section 3-1.06C, “Force Account Payment – Equipment,” of these General Conditions, no payment will be made for delays in accordance with the

provisions of this section.

Actual loss shall be understood to include no items of expense other than idle time of personnel, cost of extra moving of equipment, and cost of longer hauls. Compensation for idle time of equipment will be determined as provided in this section and compensation for idle time of personnel will be determined pursuant to Section 3-1.06A, "Force Account Payment – Labor," of these General Conditions. No markup will be added in either case for Overhead and profit. The cost of extra moving of equipment and the cost of longer hauls will be paid for as extra work as provided pursuant to "Changes to the Work" elsewhere in the Contract Documents.

6-1.10 **TERMINATION.**

6-1.10A **TERMINATION OF AGREEMENT – CONVENIENCE OF CITY.** The Department reserves the right to terminate the Contract at any time and for any reason if the Director determines that to do so would be in the best interest of the City. Any termination which is not based on the circumstances set forth in Section 6.1-10B below shall be effected by delivery to the Contractor of a Notice of Termination specifying the extent to which performance of Work under the Contract is terminated, and the date upon which such termination becomes effective.

Upon the Contractor's receipt of a written Notice of Termination for convenience, the Contractor shall cease Work as to those portions of the project so terminated and shall undertake the steps outlined in Section 6-1.10B below.

1. Acceptance of the Contract as hereinafter specified shall not relieve the Contractor of responsibility for damage to materials except as follows:
 - a. The Contractor's responsibility for damage to materials for which partial payment has been made as provided in Section 7-1.07, "Progress

Payments,” of these General Conditions and for materials furnished by the City for use in the Work and unused shall terminate when the Director certifies that such materials have been stored in the manner and at the locations he or she has directed.

- b. The Contractor's responsibility for damage to materials purchased by the City subsequent to the issuance of the notice that the Contract is to be terminated shall terminate when title and delivery of such materials has been taken by the City.
- c. When the Director determines that the Contractor has completed the Work under the Contract directed to be completed prior to termination and such other Work as may have been ordered to secure the project for termination, the Contractor will recommend that the City formally accept the Work, and immediately upon and after such Acceptance by the City, the Contractor will not be required to perform any further Work thereon and shall be relieved of its contractual responsibilities for injury to persons or damage to property which occurs after the formal Acceptance of the project by the City.

2. The total compensation to be paid to the Contractor shall be determined by the Director on the basis of the following:

- a. The reasonable cost to the Contractor, without profit, for all Work performed under the Contract, including mobilization, demobilization and Work done to secure the project for termination. Reasonable cost will include a reasonable allowance for project Overhead and general

administrative Overhead not to exceed a total of seven percent (7%) of Direct Costs of such Work.

- b. A reasonable allowance for profit on the cost of the Work performed as determined under subsection (a), provided the Contractor establishes to the satisfaction of the Director that it is reasonably probable that it would have made a profit had the Contract be completed and provided further, that the profit allowed shall in no event exceed four percent (4%) of said cost.
- c. The reasonable cost to the Contractor of handling material returned to the vendor, delivered to the Department or otherwise disposed of as directed by the Director.
- d. A reasonable allowance for the Contractor's administrative costs in determining the amount payable due to termination of the Contract.

All records of the Contractor and the Contractor's Subcontractors, necessary to determine compensation in accordance with this Section, shall be open to inspection or audit by representatives of the Department at all times after issuance of the notice that the Contract is to be terminated and for a period of three (3) years, and such records shall be retained for that period.

After Acceptance of the Work by the Director, the Director may make payments on the basis of interim estimates pending issuance of the Final Statement, when in his or her opinion the amount thus paid, together with all amounts previously paid or allowed, will not result in total compensation in excess of that to which the Contractor will be entitled. All payments, including payment upon the Final Statement, shall be subject to deduction for prior payments and amounts, if any, to be kept or retained under the provisions of the Contract.

In the event that the City terminates this Contract under Section 6-1.10B below and it is determined for any reason that there was not sufficient cause to do so, the City's termination automatically will convert to a termination for convenience under this section and the terms and conditions outlined in this section automatically will be applied to effectuate the Contract termination. Thus, damages to which a Contractor may be entitled as a result of an improper default termination will be limited to the amounts provided for in this section.

The provisions of this section shall be included in all subcontracts.

6-1.10B **TERMINATION OF AGREEMENT - FOR CAUSE.** An

"Event of Default" as referred to in this section shall occur if the Contractor:

1. Fails to maintain progress of the Work in accordance with the requirements of the Contract Documents; or
2. Fails to prosecute the Work or any of its components in accordance with the Contract Documents; or
3. Persistently or repeatedly fails or refuses to supply sufficient properly skilled workers or proper material to permit the performance of the Work in accordance with the Contract Documents; or
4. Fails to make prompt payment to Subcontractors or Suppliers in accordance with the respective agreements between the Contractor and the Subcontractor and Contractor and Supplier; or
5. Fails to comply with applicable laws, ordinances or rules, regulations or orders of a public authority having jurisdiction over the Work; or
6. Abandons, assigns or sublets the Contract without approval of the City; or
7. Becomes bankrupt or is subject to appointment of a receiver on behalf of the

Contractor; or

8. Otherwise is guilty of a substantial breach of a provision of the Contract Documents.

Upon the City's reasonable belief that there has been an Event of Default by the Contractor, the City may elect to give the Contractor written notice thereof. The Contractor thereafter shall cure the default as soon as possible and in no event after ten (10) Days from the Contractor's receipt of the City's written notice.

If the Contractor does not timely cure its default, the City may, without waiver of any of its other rights and remedies, elect to terminate the Contract, or portion thereof.

Upon the City's election to terminate the Contract, or portion thereof, the City shall have the right to complete the Work, or portion involved, by whatever means and methods it deems expedient, including the hiring of others on such terms as the City deems advisable. The City shall have the right to take possession of the Contractor's materials, plant, tools, equipment and property of any kind provided by or on behalf of the Contractor for the purpose of the Work, or a portion of them, without being responsible to the Contractor for wear and tear. The Contractor shall have no rights in such property during its use by the City. The City shall not be required to obtain the lowest prices for completing the Work or a portion of it but shall make such expenditures as, in the City's sole judgment, best accomplish such completion.

The expense of completing such Work or portion thereof, together with a reasonable charge for engineering, managerial and administrative services, as certified by the City, shall be charged to the Contractor, and the expense so charged shall be deducted by the City out of such monies as may be due or may at any time thereafter become due to the Contractor. In case such expense is more than the sum which otherwise would have been payable to the Contractor under the Agreement, then the Contractor or its surety or sureties shall promptly pay the amount of

such excess so due. When the City terminates the Contract under this section, the Contractor shall not be entitled to receive any further payments until the Work is completed and there has been a final settlement of costs of completing the Work covered by such notice of default.

The City will issue to the Contractor a written notice specifying that the Contract, or portion thereof, is terminated. Upon receipt of said written notice and, except as otherwise directed in writing by the City, the Contractor shall:

1. Stop all Work under the Contract; or if partial termination, stop Work relating to the terminated portion of the Agreement;
2. Perform Work the City deems necessary to secure the Work Site for termination including measures to leave the Work Site in a safe condition;
3. Remove equipment from the site of Work, as specified by the City;
4. Take such action as is reasonably necessary to protect materials from damage;
5. Notify all Subcontractors and Suppliers that the Contract or portion thereof is being terminated and that their contracts or orders are not to be further performed unless otherwise authorized in writing by the City;
6. Provide the City with an inventory list of all materials previously produced, purchased or ordered from Suppliers for use in the Work and not yet used in the Work, including its storage location, and such other information as the City may request;
7. Dispose of materials not used in the Work as directed by the Director. It shall be the Contractor's responsibility to provide the City (a) with good title to all materials purchased by the City hereunder, including materials for which partial payment has been made by the City and (b) with bills of sale or other documents of title for such

materials;

8. Subject to the prior written approval of the City, settle all outstanding liabilities and all claims arising out of Subcontractors or orders for materials terminated hereunder.

To the extent directed by the City, the Contractor shall assign to the City all rights, title and interests of the Contractor under subcontracts or orders for materials terminated hereunder. The City shall be at liberty to negotiate with and engage any Subcontractors who had contracted with the Contractor for the Work;

9. Furnish the City with the documentation required to be furnished by the Contractor under the provisions of the Contract Documents, including, on projects as to which Federal funds are involved, all documentation required under the Federal requirements included in the Agreement, and

10. Take such other actions as the City may direct.

If only a portion of the Work has been terminated, the Contractor shall perform the remainder of the Work in conformity with the Contract Documents and in such a manner as not to interfere with the City or others in their performance and completion of the portion of the Work which was terminated.

The City may recover from the Contractor the amount of any loss or damage, including consequential damages, suffered or incurred as a result of the Contractor's default.

SECTION 7

ACCEPTANCE AND PAYMENT

7-1.01 **ACCEPTANCE.** When the Contractor believes that the entire Work is fully and finally completed, including the satisfactory completion of inspections, tests, and documentation specified in the Contract Documents and completion of all punch list and clean-up items, the Contractor shall submit to the City a written request for final Acceptance within fifteen (15) Days thereafter, specifying that the Work is fully and finally completed and the date on which it was completed. Within thirty (30) Days after receipt of the request for final Acceptance, the City will inspect the Work and will either:

1. Reject the request for final Acceptance, specifying the defective and/or uncompleted portions of the Work; or
2. Notify the Contractor that the Work will be accepted by Resolution of the City Council of the City of Roseville, and a Notice of Completion will be caused to be recorded by the City Clerk; or
3. Notify the Contractor that the Work has been accepted by the City but no Notice of Completion will be recorded.

If the City rejects the request for final Acceptance, the Contractor shall promptly remedy the defective and/or uncompleted portions of the Work. Thereafter, the Contractor shall again submit a written request for final Acceptance of the Work, specifying a new date based on the date the defective and/or uncompleted portions of the Work were corrected. Thereafter, the foregoing procedure shall apply successively until the City has verified that the Work is fully and finally completed and accepted the Work by Resolution of the City Council or by written

notification from the Director. Immediately upon such Acceptance, the Contractor shall be relieved of the duty of maintaining the Work as a whole.

All warranties commence upon final Acceptance of the Work. The City's final Acceptance of the Work shall not be construed as an acceptance by the City of any latent defects discovered with regard to the Contractor's work. Furthermore, Contractor's obligations under Section 5-1.22 "Responsibility for Damage and Indemnification" shall still remain applicable after the City's grant of final Acceptance of the Work.

Prior to final Acceptance, the Contractor shall submit to the City the Record Documents and Operation and Maintenance Manuals as specified in the Contract Documents.

7-1.02 **SCOPE OF PAYMENT.** The Contractor shall accept the compensation provided in the Contract as full payment for furnishing all labor, materials, tools, equipment, and incidentals necessary to the completed Work and for performing all Work contemplated and embraced under the Contract; also for loss or damage arising from the nature of the Work, or from the action of the elements, or from any unforeseen difficulties which may be encountered during the prosecution of the Work until the Acceptance by the Director and for all risks of every description connected with the prosecution of the Work, also for all expenses incurred in consequence of the suspension or discontinuance of the Work as provided in the Contract; and for completing the Work according to the Contract. Neither the payment of any estimate nor of any retained percentage shall relieve the Contractor of any obligation to make good any defective Work or material.

No compensation will be made in any case for loss of anticipated profits.

7-1.03 **NOTICE OF POTENTIAL CLAIM.** The Contractor shall not be entitled to the payment of 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 the Contractor has given the City due written Notice of Potential Claim as hereinafter specified, provided, however, that compliance with this Section 7-1.03 shall not be a prerequisite as to matters within the scope of the notice provisions in Section 6-1.07, "Time of Completion," or the notice provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions, nor to any claim which is based on differences in measurement or errors of computation as to correct quantities.

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 seven (7) 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 complete information about its claim for additional compensation and/or extension of time for performance within fifteen (15) 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 General Conditions, including but not limited to Section 7-1.04.

It is the intention of this Section 7-1.03 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 it 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.

7-1.04 **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) 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) 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) 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 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 sixty (60) Days after the City 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 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 resolved in accordance with Section 7-1.05 below.

7-1.05 **DISPUTE RESOLUTION PROCEDURE.** All Claims not resolved

pursuant to Section 7-1.04, shall be resolved pursuant to Public Contract Code Section 10240, et seq.

7-1.06 **STOP PAYMENT NOTICES.** The City, by and through the Department or other appropriate office or officers, may at its option and at any time retain out of any amounts due the Contractor, sums sufficient to cover claims, filed pursuant to Civil Code Section 9350, et seq., including an amount to provide for the reasonable cost of any litigation thereunder.

7-1.07 **PROGRESS PAYMENTS.** Within fifteen (15) Days after the effective date in the Notice to Proceed, but in any event prior to Contractor's first Application for Payment, the Contractor shall submit to the City a detailed Schedule of Values.

Upon its approval, the Schedule of Values will form a basis for determining the compensation payable to the Contractor based on its actual progress of Work with respect to each Lump Sum bid item. The City, prior to any progress payment being made, must approve the Schedule of Values.

At the Director's discretion the approved Schedule of Values may be used as the basis for calculating the adjustment in compensation for a lump sum bid item due to changes ordered by the Director. When an ordered change increases or decreases the quantities shown in an approved Schedule of Values, at the Director's discretion, the adjustment in compensation may be determined in the same manner specified for increases and decreases in the quantity of a bid item of work in accordance with Section 3-1.05(B), "Contract Price Adjustment," of these General Conditions.

The Contractor once in each month shall submit an Application for Payment, for approval by the Director. Contractor's Applications shall be based on the Schedule of Values submitted to the City. These applications shall be supported by: (1) documentation requested by the City to

substantiate the payment request; (2) statutory releases from Contractor and all Subcontractors and suppliers pursuant to Civil Code Sections 8132 and 8138; and (3) certified payroll records for the period for which payment is requested. Specifically, the Contractor will submit conditional waivers upon progress payment executed by all contractors and suppliers that will be receiving sums sought in the instant payment request and also submit unconditional waivers upon progress payment executed by all contractors and suppliers that have been paid to the date of the payment request. The Contractor shall certify that the Work for which payment is requested has been accomplished. When requested by the City, the Contractor shall submit receipts, invoices and other documentation that the City requires to be furnished for purpose of evaluating the application.

The City will pay the Contractor within thirty (30) Days after its receipt of an undisputed and properly submitted Application for Payment, after deducting all previous payments, retention, and other sums as described in the Contract Documents. Within seven (7) Days of its receipt of the Contractor's Application for Payment, the City will determine whether it complies with the provisions of the Contract Documents. As appropriate, the City will return the application to the Contractor accompanied by a document prepared by the City setting forth the reasons for the rejection. Thereafter, the Contractor shall correct and resubmit the Application for Payment. Progress payments may be withheld for Work that is not performed in accordance with the Contract Documents.

The City may deduct the following from each progress payment:

1. An amount equal to one hundred and twenty-five percent (125%) of the amount claimed under any stop payment notice or other lien filed against the Contractor, which includes an amount to provide for the reasonable cost of any litigation

thereunder.

2. Any Liquidated Damages or Assessments that have accrued as of the date of the Application for Payment.
3. Any sums expended by the City in performing any of the Contractor's obligations under the Agreement that the Contractor has failed to perform.
4. Any other sums that the City is entitled to recover from the Contractor under the terms of the Contract including damages to the City's property.
5. The failure of the City to deduct any of the above identified sums from a progress payment shall not constitute a waiver of the City's right to such sums.

No such estimate or payment shall be construed to be an acceptance of any defective Work or improper materials.

Under no circumstances will the City make payment to unlicensed Contractors. As a condition of payment, the Contractor is required to maintain the applicable Contractor's license as identified in the Notice to Contractors for the duration of the Work.

7-1.08 **PAYMENT FOR MATERIALS AND EQUIPMENT ON HAND.**

Partial payments may be made to the extent of seventy-five percent (75%) of the cost of materials and equipment plus delivery to be incorporated in the Work, provided that such materials and equipment meet the requirements of the Contract Documents and are delivered to acceptable sites on the plant site or at other sites in the vicinity that are acceptable to the City and only with the prior written approval by the City. Such delivered costs of stored or stockpiled materials and equipment may be included in the next progress payment after the following conditions are met:

- A. Equipment and materials will only be eligible if given conditional or final

Acceptance by the Director and are in apparent compliance with favorably reviewed Submittals.

B. Only equipment or materials which have received favorable review of Shop Drawings will qualify.

C. The material or equipment has been stored or stockpiled adequately protected against damage in a manner acceptable to the Director at an approved site.

D. The Contractor has furnished the Director with acceptable evidence of the quantity and the quality of such stored or stockpiled materials or equipment with identification of where they will be incorporated into the project with Specification reference.

E. The Contractor has furnished the Director with satisfactory evidence that the material or equipment and transportation costs have been paid.

F. The Contractor has furnished the City legal title (free of liens or encumbrances of any kind) and lien releases to the material or equipment so stored or stockpiled.

G. The Contractor has furnished the City evidence that the material or equipment so stored or stockpiled is insured against loss by damage to or disappearance of such materials at any time prior to use in the Work.

It is understood and agreed that the transfer of title and the City payment for such stored or stockpiled materials or equipment shall in no way relieve the Contractor of its responsibility for furnishing and placing such materials or equipment in accordance with the requirements of the Contract Documents.

In no case will the amount of progress payments for materials or equipment on hand exceed the Contract Price for such materials or equipment or the Contract Price for the Contract item in which the material is intended to be used.

No partial payment will be made for stored or stockpiled living or perishable plant

materials.

The Contractor shall bear all costs associated with the progress payment of stored or stockpiled materials or equipment in accordance with the provisions of this Section.

7-1.09 **RETENTION ON PROGRESS PAYMENTS.** From each progress payment estimate, five percent (5%) will be deducted and held in retention by the City. The remainder, less any deductions described in Section 7-1.07, "Progress Payments," of these General Conditions, will be paid to the Contractor as progress payments.

Pursuant to Public Contract Code Section 22300, the successful Bidder may submit Securities in lieu of retention payments by the City. Upon the Contractor's request, the City will make payment of funds withheld from progress payments, pursuant to the requirements of California Public Contract Code Section 22300, if the Contractor deposits in escrow with the City or with a bank acceptable to the City, securities eligible for investment under California Government Code Section 16430, bank or savings and loan certificates of deposit, interest bearing demand deposit accounts, standby letters of credit, or any other security mutually agreed to by the Contractor and the City, upon the following conditions:

1. The Contractor shall bear the expenses of the City and the escrow agent in connection with the escrow deposit made.
2. Securities or certificates of deposit to be placed in escrow shall be of a value at least equivalent to the amounts of retention to be paid to the Contractor pursuant to this section.
3. Contractor shall enter into an escrow agreement satisfactory to the City, which agreement shall be substantially similar to the form provided in California Public Contract Code section 22300.

4. The Contractor shall obtain the written consent of the surety to such agreement.

7-1.10 **FINAL PAYMENT.** Final payment will be made only after Contractor has achieved Final Completion of the Work pursuant to the provisions of Section 7-1.01, “Acceptance,” of these General Conditions. Before final payment can be made, the Contractor shall have furnished the City with the following:

1. All Record Documents, catalogues, instruction sheets and information as required by the Contract Documents.
2. Conditional Waivers and Releases Upon Final Payment executed by Contractor and all Subcontractors and Suppliers, as provided by Civil Code Section 8136. Unconditional Waivers and Releases Upon Final Payment, as provided in Civil Code Section 8138, executed by Contractor and all Subcontractors and Suppliers, must be provided for all Subcontractors and Suppliers that have been paid in full.

Within thirty (30) Days of the date of the City’s Acceptance of the Work, the Contractor shall prepare and submit a Final Invoice, showing the proposed total amount due the Contractor, segregated by Bid item quantities, Change Order Work, and other basis for payments; deductions made or to be made for prior payment; and amounts previously retained. Prior invoices and payments shall be subject to correction in the proposed Invoice for Final Payment. Payments to the Contractor will be made only for actual quantities of the Contract items of work constructed in accordance with the Contract Documents.

The City will review the Contractor’s proposed Final Invoice and necessary changes or corrections will be forwarded to the Contractor. Within ten (10) Days thereafter, the Contractor

shall submit a revised proposed Final Invoice incorporating changes or corrections made by the City together with any new claims resulting therefrom. Upon approval by the City, the corrected proposed Final Invoice will become the approval Final Invoice.

If agreements are reached on all questions regarding the Final Invoice, the City will pay the entire sum found due on the approved application. However, the City will withhold sums sufficient to pay all unsettled claims for which stop payment notices have been filed pursuant to Section 9350, et seq. of the California Civil Code, together with the reasonable cost of any litigation thereunder.

Final payment will be made within thirty (30) Days after receipt of an approved Final Invoice and other required Submittals referenced above or within sixty (60) Days after Acceptance of the work by the City, whichever is later, provided, however, that if an approved Final Invoice has not been submitted within sixty (60) Days after Acceptance of the Work by the City, the City may elect to make payment of sums not in dispute without prejudice to the right of either the City or the Contractor in connection with such disputed sums. Notwithstanding the foregoing, if a Notice of Completion is recorded, final payment shall not be made prior to the expiration of the thirty-five (35) calendar day lien period. The start of this lien period is the date the Placer County Recorder's Office records the Notice of Completion.

The City may withhold from the Final Payment an amount not to exceed one hundred fifty percent (150%) of any amount in dispute between the City and the Contractor.

The making of Final Payment shall not operate to release the Contractor or its sureties from obligations arising under the Contract, the Contract bonds and warranties as herein provided. Specifically, the making of final payment shall not constitute a waiver and release of claims by the City arising from:

1. Unsettled or future liens;
2. Failure of the Work to comply with the requirements of the Contract Documents;
3. The terms of any warranties required by or contained in the Contract Documents;
4. The right to any insurance proceeds or the right to make any insurance or bond claims;
5. Any claims with respect to Contractor's obligations of indemnity with respect to claims asserted by third parties; or
6. Any latent deficiencies with the Work or Contractor's fraud.

7-1.11 **CLERICAL ERRORS.** Notwithstanding the provisions of Section 7-1.10, "Final Payment," of these General Conditions, for a period of three (3) years after Acceptance of the Work, all estimates and payments made pursuant to said Section 7-1.10, are subject to correction for clerical errors in the calculations involved in the determination of quantities and payments. The Contractor and the City agree to pay to the other any sum due under the provisions of this Section 7-1.11, provided, however, if the total sum to be paid is less than \$100, no such payment shall be made.

7-1.12 **WARRANTY.** Notwithstanding inspections and Acceptance by the City of Work furnished under the Contract Documents, the Contractor hereby unconditionally guarantees that all materials and equipment furnished will be of good quality and new, that the Work will be free from defects in workmanship and materials and that the Work will conform to the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective.

This warranty by the Contractor is in addition to any warranties or guarantees required elsewhere in the Contract Documents. This warranty shall be in effect notwithstanding any disclaimers, or limiting or conditional terms contained in such separate warranties furnished by manufacturers or suppliers.

The Contractor hereby agrees to repair or replace any and all Work, together with any other adjacent Work which may be displaced in so doing, that may prove to be not in accordance with the requirements of the Contract or that may be defective in its workmanship or material during the greater of a period of one (1) year after Acceptance of the Work by the City or the period specified in the Special Conditions, without any expense whatsoever to the City, ordinary wear and tear and unusual abuse or neglect excepted.

The Contractor further agrees, that within ten (10) Days after being notified in writing by the Department of any Work not in accordance with the requirements of the Contract Documents or of any defects in the Work, the Contractor will commence and prosecute with due diligence all Work necessary to fulfill the terms of this warranty, and to complete such Work within a reasonable period of time. In the event Contractor fails to comply, it does hereby authorize the Department to proceed to have such Work done at the Contractor's expense and the Contractor will honor and pay the cost and charges therefore upon demand. The Department shall be entitled to all costs and expenses, including reasonable attorneys' fees, necessarily incurred upon the Contractor's refusal to honor and pay the above costs and charges.

All warranties set forth in the Contract Documents shall be deemed cumulative and not alternative or exclusive. Nothing contained in this section shall be construed to establish a period of limitation with respect to any other obligation, which Contractor has under the Contract Documents or under any separate warranty or guaranty required thereby. The establishment of a

specific warranty period relates only to the specific obligation of Contractor to correct defective Work, and it has no relationship to the time within which its obligation to comply with the Contract Documents or applicable provision of law may be sought to be enforced, nor to the time within which proceedings may be commenced to establish Contractor's liability with respect to its obligations other than specifically to correct the Work. Without limiting the foregoing, it is understood and agreed that Contractor shall remain responsible for latent defects with its work, regardless of the expiration of any warranty period set forth in the Contract Documents.

7-1.13 **WARRANTY OF TITLE.** No material, supplies, or equipment for the Work under this Contract shall be purchased subject to any chattel mortgage, security agreement, or under a conditional sale or other agreement by which an interest therein or any part thereof is retained by the seller or supplier. The Contractor warrants good title to all material, supplies, and equipment Installed or incorporated in the Work and agrees upon completion of all Work to deliver the Premises, together with all improvements and appurtenances constructed or placed thereon by it, to the City free from any claim, liens, security interest, or charges, and further agrees that neither the Contractor nor any person, firm, or corporation furnishing any materials or labor for any Work covered by this Contract shall have any right to a lien upon the Premises or any improvement or appurtenances thereon. Provided, that this shall not preclude the Contractor from Installing metering devices and other equipment of utility companies, the title of which is commonly retained by the utility company. In the event of the Installation of any such metering device or equipment, the Contractor shall advise the City as to the legal owner thereof. Nothing contained in this paragraph, however, shall defeat or impair the right of such persons furnishing materials or labor under any bond given by the Contractor for their protection or any rights under any law permitting such persons to look to funds due the Contractor in the hands of the City.

The provisions of this paragraph shall be inserted in all subcontracts and material Contracts, and notice of its provisions shall be given to all persons furnishing materials for the Work when no formal Contract is entered into for such materials.

[END OF GENERAL CONDITIONS]

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SUPPLEMENTAL CONDITIONS

Project: Rocky Rockholm (FD-51) Park Project

Scope of Supplemental Conditions

1. The Work shall be performed in accordance with the General Conditions and Department Standards, except as the General Conditions may be modified by the following additional City Standards, incorporated herein by this reference, if so indicated.

	COMMUNITY DESIGN GUIDELINES 311 Vernon Street, Roseville, CA 95678
	SPECIFICATIONS FOR COMMERCIAL CONSTRUCTION (ELECTRIC) 2090 Hilltop Circle, Roseville, CA 95747
X	PARKS CONSTRUCTION STANDARDS 316 Vernon Street, Suite 400, Roseville, CA 95678
X	DESIGN AND CONSTRUCTION STANDARDS 311 Vernon Street, Roseville, CA 95678
	OTHER

Above documents are available at: www.roseville.ca.us.

2. Numbering in these Supplemental Conditions conforms to that in the General Conditions. The existence of a section in these Supplemental Conditions means that the corresponding section in the General Conditions is modified in some respect. Unless otherwise specified, the modified General Condition is deleted entirely and the provisions of these Supplemental Conditions are substituted.

SECTION 1. DEFINITIONS AND TERMS

1-1.24 **DEPARTMENT.** Section 1-1.24 of the General Conditions is amended to include the following:

The Department for Contract Administration is the Parks, Recreation, & Libraries Department of the City of Roseville.

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SECTION 2. CONTROL AND SCOPE OF THE WORK

2-1.08 **SUBMITTALS.** Section 2-1.08 of the General Conditions is amended to include the following:

The time allowed for review of each submittal is **10** Days after receipt of the submittal by the Director.

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NOT FOR BIDDING

SECTION 3. CHANGES IN THE WORK

There are no amendments to the General Conditions.

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SECTION 4. CONTROL OF MATERIALS

There are no amendments to the General Conditions.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 5. LEGAL RELATIONS AND RESPONSIBILITY

5-1.14 **AIR POLLUTION CONTROL AND ASBESTOS.** Section 5-1.14 of the General Conditions is amended to include the following:

To the best of the City's knowledge, asbestos is not present in the vicinity of the Project. Additional information shall be made available to Contractor upon request.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 6. PROSECUTION AND PROGRESS

6-1.04 **PROGRESS SCHEDULE.** Section 6-1.04F of the General Conditions is amended to include the following:

Progress schedules showing project completion dates more than 0 Days earlier than specified in Section 6-1.07 shall be rejected.

6-1.07 **TIME OF COMPLETION.** Section 6-1.07 of the General Conditions is amended to include the following:

The Contractor shall begin Work within 10 business days after receiving a Notice to Proceed and shall diligently prosecute the Work to completion. The Work shall be completed within 90 business days of the Notice to Proceed.

If landscaping plants require an establishment period, that period will be 60 calendar days. Start of the establishment should be as outlined in the Specifications.

6-1.08 **LIQUIDATED DAMAGES.** Section 6-1.08 of the General Conditions is amended to include the following:

The amount of Liquidated Damages is the sum of \$1000 per Day.

SECTION 7: ACCEPTANCE AND PAYMENT

There are no amendments to the General Conditions.

[END OF SUPPLEMENTAL CONDITIONS]

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SPECIFICATIONS

Project: Rocky Rockholm (FD-51) Park Project

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SPEC

DRAWINGS

Project: Rocky Rockholm (FD-51) Park Project

Project drawings are issued as a separate plan set,
titled "Rocky Rockholm Park (formerly FD-51)"
dated 2/24/25
as prepared by Fuhrman Leamy Land Group

DRAW

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.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING



COUNCIL COMMUNICATION

CC #: 3788
File #: 0704-01

Title: Lower Bank (formerly C-63) Park Project - Approval of Plans and Specifications and Authorization to Call for Bids
Contact: Joel De Jong 916-774-5624 jdejong@roseville.ca.us

Meeting Date: 3/19/2025
Item #: 7.3.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council approve the plans and specifications for the Lower Bank (formerly C-63) Park Project and authorize staff to call for bids.

BACKGROUND

Lower Bank Park (formerly C-63) is a 2.5-acre neighborhood park located off of Lemonade Lane at Lower Bank Drive within the Creekview area of Roseville. The master plan for this park was approved by the City Council on July 17, 2024. Amenities planned for the park include a playground, small picnic area, open turf (grass) area, half-court basketball court, walking paths, planting and irrigation. Additive alternates have been identified for budget purposes, and include a shade structure at the picnic area, a swing set, a zipline, an upgraded play structure option, additional turf (grass) areas, additional planting and irrigation. Bids are scheduled to be opened in April 2025. Staff plans to return to Council in May to seek approval to award the project.

The architect's estimate for construction for the base bid is \$880,000.

FISCAL IMPACT

Funding for construction of this park was included in the FY2023-24 capital improvement project (CIP) budget in the Neighborhood Park - Creekview Fund. Maintenance costs will be funded by the Creekview Community Facilities District No. 2 (Public Services). There will be no General Fund impact.

ENVIRONMENTAL REVIEW

Development of the C-63 Neighborhood Park Master Plan project was previously evaluated in the Creekview Specific Plan EIR (certified September 19, 2012, SCH No. 2008032017), and identified in the associated Creekview Specific Plan. Based on results of an initial study,

construction of the C-63 Neighborhood Park Master Plan project is found to be within the scope of the project covered by the Creekview Specific Plan EIR. As discussed in the Specific Plan EIR, the EIR provides environmental analyses of community infrastructure and facilities, including parks, pedestrian bridges, and bike trails, to the extent applicable. Because the project is consistent with the Creekview Specific Plan EIR and Specific Plan, no new effects would be expected to occur and all applicable mitigation measures from the Creekview Specific Plan EIR will be implemented during the design and construction of the C-63 Neighborhood Park Master Plan project. The proposed project meets the requirements identified in Section 15183 of the State CEQA Guidelines, therefore, no additional CEQA review is required.

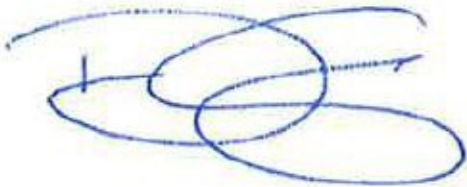
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal A - Remain fiscally responsible in a changing world
Goal C - Maintain a safe and healthy community
Goal E - Deliver exceptional city services
Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Joel De Jong, Park Development Project Manager

Jill Geller, Parks, Recreation & Libraries Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

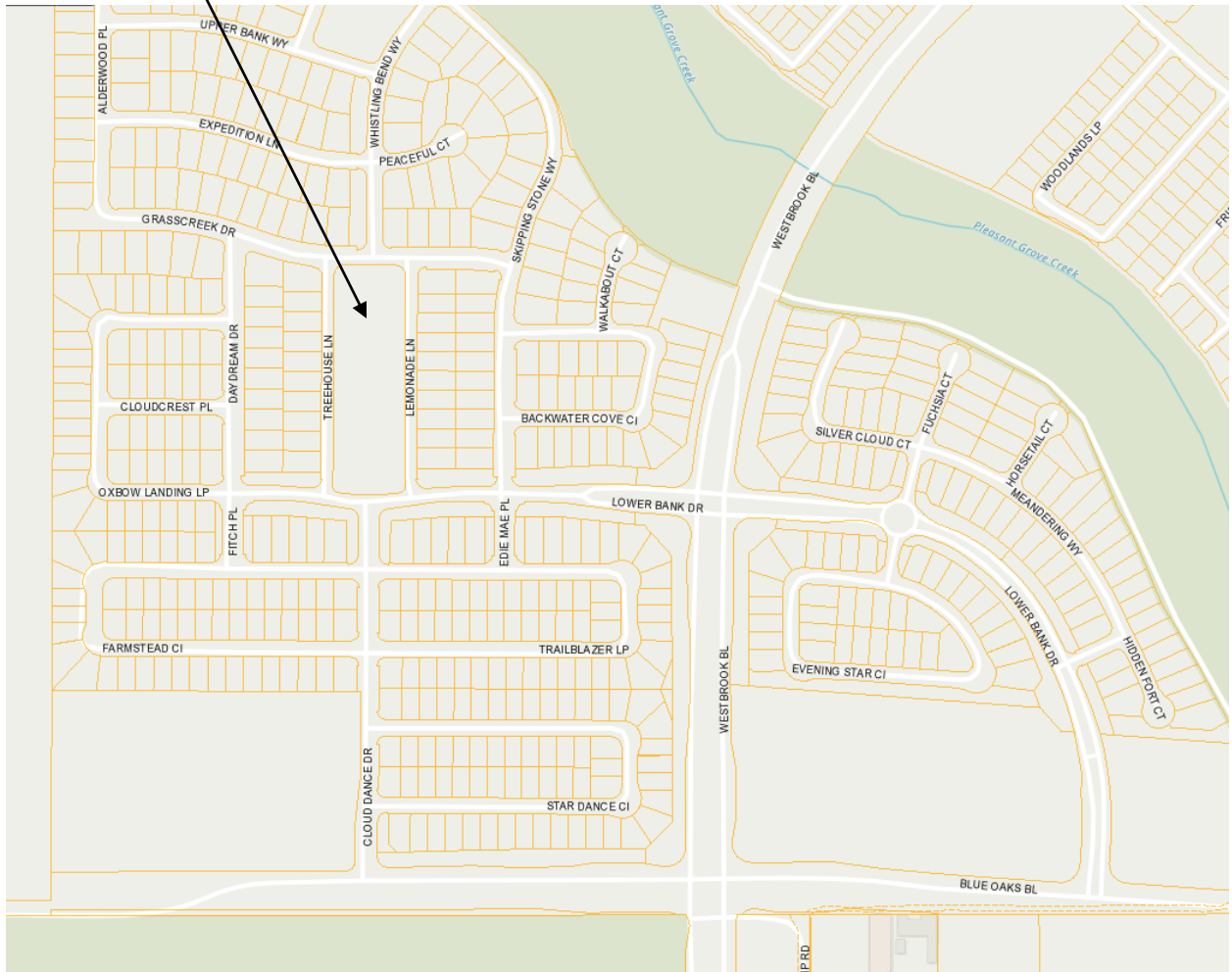
Vicinity Map

Plans

Project Manual

Vicinity Map

C-63 Park Site



ROSEVILLE, CA

CLIENT
CITY OF ROSEVILLE
311 VERNON ST
ROSEVILLE, CA 95678
PH: (916) 774-5200
CONTACT: TARA GEE

LANDSCAPE ARCHITECT
GATES + ASSOCIATES
1655 N. MAIN STREET, STE 365,
WALNUT CREEK, CA 94596
PH: (925) 736-8176
CONTACT: CASEY CASE

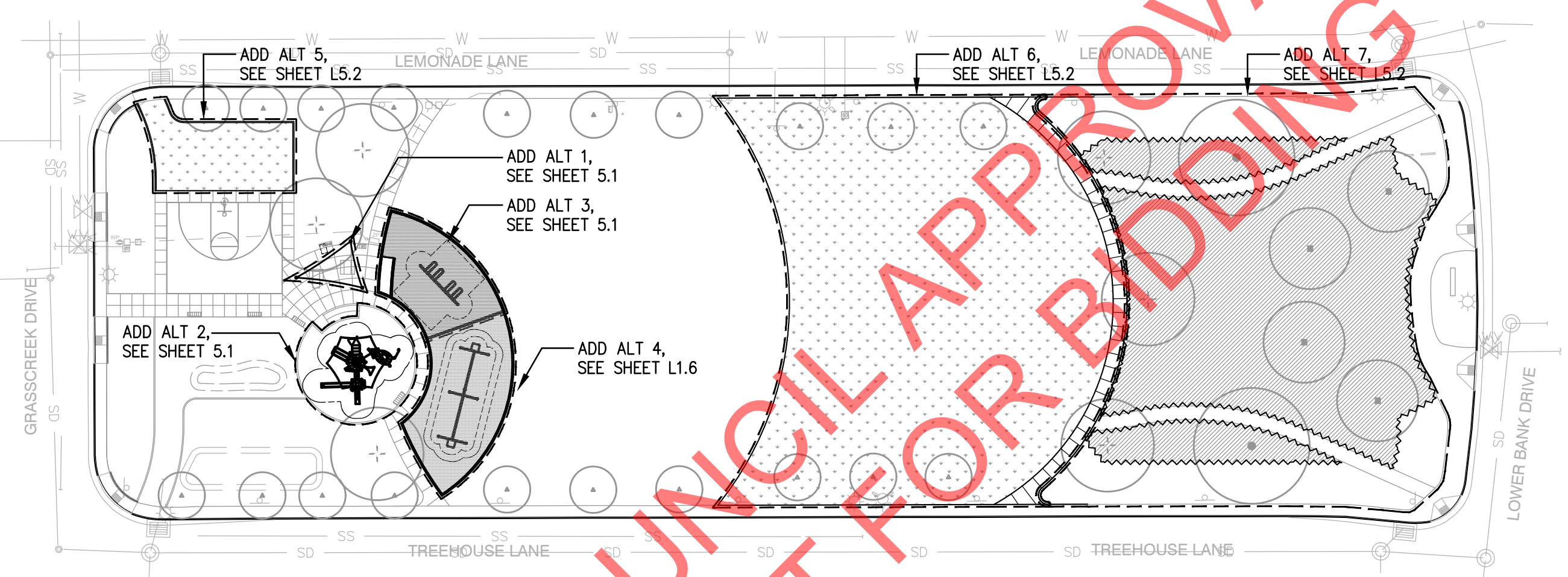
CIVIL ENGINEER
SANDIS CIVIL ENGINEERS
636 9TH ST
OAKLAND, CA 94607
PH: (510) 873-8866
CONTACT: SAM CLAY

ELECTRICAL ENGINEER
ATIUM ENGINEERING
3533 YORK LN
SAN RAMON, CA 94582
PH: (913) 961-1658
CONTACT: J. DAVID MAINO

IRRIGATION DESIGNER
RUSSELL D MITCHELL & ASSOCIATES
2760 CAMINO DIABLO
WALNUT CREEK, CA 94597
PH: (925) 939-3985
CONTACT: JEFF BRADSHAW

A map showing the project site location. The site is marked with a black rectangle with diagonal hatching. A line points from the text "PROJECT SITE" to this rectangle. The map includes "WEST OAKS BLVD" running horizontally and "WESTBROOK BLVD" running vertically. A north arrow is in the bottom right corner.

BASE BID



ADD ALT

ALTERNATE 1: SAIL SHADE
BASE BID: PICNIC TABLES ONLY.
1. INSTALL SAIL SHADE, FOOTING, AND REPLACE IN KIND ANY PLANTING OR
PAVING MATERIALS DAMAGED.

ALTERNATE 2: LARGE PLAY STRUCTURE
BASE BID: SMALLER PLAY STRUCTURE.

ALTERNATE 3: SWINGS
BASE BID: HYDROSEEDED LAWN & IRRIGATION
1. INSTALL SWINGS, PLAY AREA CURB, PLAY SURFACING, AND ACCESSIBLE RAMP.

ALTERNATE 4: ZIPLINE (PREDICATED ON CONCURRENT AWARD OF ALT3)
 BASE BID: HYDROSEEDDED LAWN & IRRIGATION
 1. INSTALL SWINGS, ZIPLINE, PLAY AREA CURB, PLAY SURFACING, AND ACCESSIBLE RAMP.

ALTERNATE 5: ADDITIONAL TURF
BASE BID: PLANTING AND POINT SOURCE IRRIGATION.
1. REMOVE PLANTING, INSTALL CONCRETE MOWBAND, AND 1,885 SF OF TURF AND IRRIGATION.

ALTERNATE 6: TURF EXPANSION/CONCRETE PATH
 BASE BID: HALF SIZE TURF AREA W/ 6" MOWBAND, PLANTING, AND DG PATH.
 1. REMOVE TEMPORARY CONCRETE MOWBAND, EXPAND TURF AREA AND IRRIGATION
 23,669 SF, REPLACE DG PATH WITH CONCRETE PAVING.

ALTERNATE 7: ADDITIONAL INFILL PLANTING & IRRIGATION
BASE BID: MULCH
1. ADD 16,464 SF OF PLANTING AND IRRIGATION.

SHEET NO.	SHEET TITLE
TS0.1	COVER SHEET
TS0.2	GENERAL NOTES AND ABBREVIATIONS
C1.0	CIVIL COVER SHEET
C1.1	CIVIL GENERAL NOTES
C2.1	TOPOGRAPHIC SURVEY
C2.2	TOPOGRAPHIC SURVEY
C3.1	GRADING AND DRAINAGE PLAN
C3.2	GRADING AND DRAINAGE PLAN
C4.1	UTILITY PLAN
C4.2	UTILITY PLAN
C5.1	STORMWATER MANAGEMENT PLAN
C6.0	CONSTRUCTION DETAILS
C6.1	CONSTRUCTION DETAILS
C7.1	EROSION CONTROL PLAN
C8.1	EROSION CONTROL DETAILS
L0.1	LAYOUT NOTES AND LEGEND
L0.2	PLANTING NOTES AND LEGEND
L1.1	LAYOUT PLAN
L1.2	LAYOUT PLAN
L2.1	PLANTING PLAN
L2.2	PLANTING PLAN
L3.0	IRRIGATION NOTES AND LEGEND
L3.1	IRRIGATION PLAN
L3.2	IRRIGATION PLAN
L3.3	IRRIGATION RECYCLED WATER NOTES
L3.4	IRRIGATION DETAILS
L3.5	IRRIGATION DETAILS
L3.6	IRRIGATION DETAILS
L3.7	IRRIGATION DETAILS
L4.1	CONSTRUCTION DETAILS
L4.2	CONSTRUCTION DETAILS
L4.3	CONSTRUCTION DETAILS
L5.1	ENLARGEMENT – ADD ALT
L5.2	ENLARGEMENT – ADD ALT
E000	GENERAL INFORMATION
E100	ELEC SITE PLAN NORTH
E101	ELEC SITE PLAN SOUTH
E600	DIAGRAMS & SCHEDULE
E800	DETAILS
E900	T24–EXTERIOR LTG

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L0.1	LAYOUT NOTES AND LEGEND
L0.2	PLANTING NOTES AND LEGEND
L1.1	LAYOUT PLAN
L1.2	LAYOUT PLAN
L2.1	PLANTING PLAN
L2.2	PLANTING PLAN
L3.0	IRRIGATION NOTES AND LEGEND
L3.1	IRRIGATION PLAN
L3.2	IRRIGATION PLAN
L3.3	IRRIGATION RECYCLED WATER NOTES
L3.4	IRRIGATION DETAILS
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GATES
+ASSOCIATES
LANDSCAPE ARCHITECTURE
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1655 N. MAIN ST. STE 365, WALNUT CREEK, CA 94596
T 925.736.8176 www.dgates.com

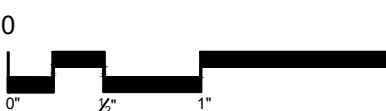
GRASSCREEK DR AND
LEMONADE LANE
ROSEVILLE
CA

ISSUE:	DESCRIPTION:	DATE:
	DD SET	9/12/2024
	99% CD	12/20/2024

NOT FOR
CONSTRUCTION



PROJECT NUMBER: P6274
DRAWN: TF
CHECK: CC/EG
DATE: 12/20/2024
SCALE:



COVER SHEET

TS0.1

ABBREVIATIONS

●	AT	LP	LOW POINT
AB	AGGREGATE BASE	LSA	LANDSCAPE ARCHITECT
AC	ASPHALT CONCRETE	LSB	LIGHT SAND BLAST
AD	AREA DRAIN	LT	LEFT
ADA	AMERICANS WITH DISABILITIES ACT	MAX	MAXIMUM
ADD ALT	ADD ALTERNATE	MDL	MODEL
AFF	ABOVE FINISHED GRADE	MECH	MECHANICAL
ADJ	ADJACENT	MED	MEDIUM
APPROX	APPROXIMATELY	MEP	MECHANICAL/ELECTRICAL/PLUMBING
ARCH	ARCHITECTURE	MFR	MANUFACTURER
ASB	AGGREGATE SUBBASE	MH	MANHOLE
BC	BACK OF CURB	MIN	MINIMUM
BEG	BEGIN	MISC	MISCELLANEOUS
BFP	BACK FLOW PREVENTOR	MON	MONUMENT
BLDG	BUILDING	MSB	MEDIUM SAND BLAST
BLVD	BOULEVARD	MW	MONITORING WELL
BM	BENCH MARK	N	NEW OR NORTH
BOC	BACK OF CURB	NE	NORTH EAST
BOD	BOTTOM OF DOCK	NIC	NOT IN CONTRACT
BOL	BOLLARD	NO	NUMBER
BOW	FG ● BOTTOM OF WALL	NTS	NOT TO SCALE
BS	BOTTOM OF STAIR	NW	NORTH WEST
BTW	BETWEEN	OC	ON CENTER
BW	BACK OF WALK	OCFI	OWNER FURNISHED CONTRACTOR INSTALLED
BW	BOTH WAYS	OG	ORIGINAL GRADE
BW	BOTTOM OF WALL	P	PAVEMENT ELEVATION
OP	CAST IN PLACE	PA	PLANTING AREA
CJ	CONTROL JOINT	PCC	PORTLAND CEMENT CONCRETE
CL	CENTER LINE OR CLASS	PERF	PERFORATED
CLR	CLEAR	PG	PROFILE GRADE
CMP	CORRUGATED METAL PIPE	PIV	POST INDICATOR VALVE
CMU	CONCRETE MASONRY UNIT	PL	PROPERTY LINE
CO	CLEANOUT	PR	PROPOSED
CONC	CONCRETE	PVC	POLYVINYL CHLORIDE PIPE
CONST	CONSTRUCTION OR CONSTRUCT	R	RADIUS
CONT	CONTINUOUS	RC	RELATIVE COMPACTION
CP	CONTROL POINT	RCP	REINFORCED CONCRETE PIPE
CS	CONCRETE SLAB	REF	REFERENCE
CTRY	CONTROL	RET	RETAINING
CY	CUBIC YARD	REINF	REINFORCEMENT
C.3	PROVISION OF THE MUNICIPAL REGIONAL STORMWATER NPDES PERMIT (MRP) THAT REQUIRES EACH DISCHARGER TO CONTROL THE FLOW OF STROMWATER POLLUTANTS FROM NEW DEVELOPMENT AND REDEVELOPMENT SITES OVER WHICH IT HAS JURISDICTION	REV	REVISION
		RPPA	REDUCED PRESSURE PRINCIPLE ASSEMBLY
		RR	RAILROAD
		RT	RIGHT
		R/W	RIGHT OF WAY
		S	SLOPE OR SOUTH
		SAD	SEE ARCHITECTURAL DRAWINGS
		SCD	SEE CIVIL DRAWINGS
		SD	STORM DRAIN
		SE	SOUTH EAST
		SED	SEE ELECTRICAL DRAWINGS
		SF	SILT FENCE
		SG	SUBGRADE
		SM	SIMPLE
		SL	STREET LIGHT
		SLD	SEE LANDSCAPE DRAWINGS
		SMD	SEE MECHANICAL DRAWINGS
		SMH	SIGNAL MANHOLE
		SP	SPACING
		SPECS	SPECIFICATIONS
		SPD	SEE PLUMBING DRAWINGS
		SS	SANITARY SEWER
		SST	STAINLESS STEEL
		SSD	SEE STRUCTURAL DRAWINGS
		ST	STREET
		STA	STATION
		STD	STANDARD
		SQ	SQUARE
		SW	SOUTH WEST OR SIDEWALK
		S/W	SIDEWALK
		T	TREAD
		TBD	TO BE DETERMINED
		TC	TOP OF CURB
		TEL	TELEPHONE
		T	TANGENT
		T&B	TOP AND BOTTOM
		THRU	THROUGH
		TOD	TOP OF DOCK
		TOE	TOE OF SLOPE
		TOS	TOP OF STAIR
		TOW	FG ● TOP OF WALL
		TS	TOP OF SLAB
		TYP	TYPICAL
		UON	UNLESS OTHERWISE NOTED
		VAR	VARIES
		VEH	VEHICAL
		VERT	VERTICAL
		W	WATER OR WEST
		W/	WITH
		W/O	WITHOUT
		WM	WATER METER
		WP	WATERPROOF
		WPM	WATERPROOF MEMBRANE
		WTR	WATER
		WV	WATER VALVE
		WWF	WELDED WIRE FABRIC
DBL	DOUBLE		
DG	DECOMPOSED GRANITE		
DI	DRAIN INLET		
DIA	DIAMETER		
DOM	DOMESTIC		
DW	DOMESTIC WATER		
D/W	DRIVEWAY		
DWG	DRAWING		
E	EAST OR EXISTING		
EA	EACH		
EJ	EXPANSION JOINT		
ELEC	ELECTRICAL		
ELEV	ELEVATION		
EQ	EQUAL		
ES	EQUAL SPACING		
EW	EACH WAY		
EX, EXIST	EXISTING		
(F), FUT	FUTURE		
FC	FACE OF CURB		
FDC	FIRE DEPARTMENT CONNECTION		
FF	FINISHED FLOOR		
FG	FINISH GRADE		
FL	FLOW LINE		
FND	FOUND		
FOB	FACE OF BUILDING		
FOUND	FOUNDATION		
FOC	FACE OF CURB		
FS	FINISH SURFACE		
FT	FOOT		
FW	FIRE WATER		
G	GAS		
GAL	GALLON		
GALV	GALVANIZED		
GB	GRADE BREAK		
GV	GATE VALVE		
HC	HANDICAP FACILITY		
HCR	ACCESSIBLE RAMP		
HDPE	HIGH DENSITY POLYETHYLENE		
HORIZ	HORIZONTAL		
HP	HIGH POINT		
HSB	HEAVY SAND BLAST		
HT	HEIGHT		
IC	IRRIGATION CONTROL		
INV	INVERT ELEVATION		
IRR	IRRIGATION		
JB	JUNCTION BOX		
JP	JOINT POLE		
JT	JOINT TRENCH		
L	LENGTH		
LBS	POUNDS		
LF	LINEAR FEET		
LOW	LIMIT OF WORK		

GENERAL NOTES

1. 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 SOLE NEGLIGENCE OF ENGINEER.
2. 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 AND SHEETING, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND HE SHALL EFFECT NECESSARY REPAIRS OR RECONSTRUCTION AT HIS OWN EXPENSE. WHERE THE EXCAVATION FOR A CONDUIT TRENCH, AND/OR STRUCTURE IS FIVE FEET OR MORE IN DEPTH, THE CONTRACTOR SHALL PROVIDE ADEQUATE SHEETING, SHORING AND BRACING OR EQUIVALENT METHOD, FOR THE PROTECTION OF LIFE, OR LMB, 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 REQUIREMENTS.
3. ALL APPLICABLE REQUIREMENTS OF THE CALIFORNIA CONSTRUCTION AND GENERAL INDUSTRY SAFETY ERRORS, THE OCCUPATIONAL SAFETY AND HEALTH ACT AND THE CONSTRUCTION SAFETY ACT SHALL BE MET.
4. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN PERMITS NECESSARY TO PERFORM THE WORK SHOWN IN THESE PLANS FROM THE APPROPRIATE AGENCIES.
5. THE CONTRACTOR SHALL TAKE EFFECTIVE ACTION TO PREVENT THE FORMATION OF AN AIRBORNE DUST NUISANCE AND SHALL BE RESPONSIBLE FOR ANY DAMAGE RESULTING FROM THEIR FAILURE TO DO SO.
6. THE CONTRACTOR MUST PROVIDE FOR SAFE ACCESSIBLE INGRESS AND EGRESS FOR ADJACENT PROPERTY OWNERS AND EVA THROUGHOUT THE PERIOD OF CONSTRUCTION . TEMPORARY THROUGH ACCESS FOR THE GENERAL PUBLIC DUE TO CONSTRUCTION STAGING OR LIMITATIONS MUST BE FULLY REVIEWED AND APPROVED BY THE OWNER PRIOR TO IMPLEMENTATION. ALL ACCESS MUST BE SAFE, SECURED, FLAGGED, SIGNED AND ACCESSIBLE PER THE APPROVED SITE ACCESS PLAN SUBMITTED BY THE CONTRACTOR AND REQUIRED BY THE OWNER.
7. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR EMERGENCY VEHICLE ACCESS, PUBLIC SAFETY AND SAFETY OF EXISTING STRUCTURES. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, FENCING, BARRICADES, TRAFFIC CONTROLS, FLAGGERS , SHORINGS, BRACING AND GUYS OR OTHER DEVICES NECESSARY TO PROVIDE FOR SAFETY IN ACCORDANCE WITH ALL NATIONAL, STATE SPECS AND LOCAL SAFETY ORDINANCES.
8. 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.
9. ALL EXISTING UTILITIES AND IMPROVEMENTS ARE SHOWN IN THEIR APPROXIMATE LOCATIONS BASED UPON RECORD INFORMATION AVAILABLE TO THE ENGINEER AT THE TIME OF PREPARATION OF THESE PLANS. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE AS TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST THREE (3) WORKING DAYS IN ADVANCE OF CONSTRUCTION TO FIELD LOCATE UTILITIES. CALL UNDERGROUND SERVICE ALERT (U.S.A.), AT 800-227-2600. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO DETERMINE THE EXISTENCE AND LOCATION OF THOSE UTILITIES SHOWN ON THESE PLANS OR INDICATED IN THE FIELD BY LOCATING SERVICES. ADDITIONAL COSTS INCURRED AS A RESULT OF CONTRACTOR'S FAILURE TO VERIFY LOCATIONS OF EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION IN THEIR VICINITY SHALL BE BORNE BY THE CONTRACTOR AND ASSUMED INCLUDED AND MERGED IN THE CONTRACT UNIT PRICE.
10. ALL EXISTING UTILITIES AND IMPROVEMENTS THAT BECOME DAMAGED DURING CONSTRUCTION MUST BE COMPLETELY RESTORED TO THE SATISFACTION OF THE CITY ENGINEER OR UTILITY AGENCY REPRESENTATIVE, AT THE CONTRACTOR'S SOLE EXPENSE.
11. ANY RELOCATION OF PUBLIC UTILITIES SHALL BE CONDUCTED IN ACCORDANCE WITH ANY AND ALL REQUIREMENTS OF THE UTILITY COMPANY REPRESENTATIVE INCLUDING FEES, BONDS, PERMITS AND WORKING CONDITIONS, ETC. THIS WORK SHALL BE DONE AT NO EXPENSE TO THE UTILITY COMPANY. THE OWNER SHALL PAY THE COST OF ALL SUCH RELOCATION WORK INCLUDING FEES, BONDS, PERMITS, ETC.
12. THE CONSTRUCTION OF ALL GRAVITY UNDERGROUND LINES (STORM DRAINS) SHALL BEGIN AT THE MOST DOWNSTREAM END, UNLESS OTHERWISE SPECIFICALLY APPROVED BY ENGINEER OR BY THE OWNER.
13. IF ARCHEOLOGICAL MATERIALS ARE UNCOVERED DURING GRADING, TRENCHING OR OTHER EXCAVATION, EARTHWORK SHALL BE STOPPED UNTIL A PROFESSIONAL ARCHAEOLOGIST WHO IS CERTIFIED BY THE SOCIETY OF CALIFORNIA ARCHAEOLOGY (SCA) AND/OR THE SOCIETY OF PROFESSIONAL ARCHAEOLOGY (SOPA) HAS HAD AN OPPORTUNITY TO EVALUATE THE SIGNIFICANCE OF THE FIND AND SUGGEST APPROPRIATE MITIGATION MEASURES, IF THEY ARE DEEMED NECESSARY.
14. THE USE OR INSTALLATION OF ANY MATERIAL OR EQUIPMENT WHICH IS MADE FROM, OR WHICH CONTAINS ASBESTOS FOR USE IN THE CONSTRUCTION OF THESE IMPROVEMENTS, IS NEITHER SPECIFIED NOR RECOMMENDED. ANY PARTY INSTALLING OR USING ANY PARTY SUCH MATERIALS OR EQUIPMENT SHALL BE SOLELY RESPONSIBLE FOR ALL INJURIES, DAMAGES, OR LIABILITIES OF ANY KIND, CAUSED BY THE USE OF SUCH MATERIALS OR EQUIPMENT.
15. THE CONTRACTOR MUST MEET AND IMPLEMENT ALL NPDES, SWPPP, AND EROSION CONTROL REQUIREMENTS IN EFFECT AT THE TIME OF CONSTRUCTION.
16. 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 CONTACT GATES & ASSOCIATES AT (925) 736-8176 FOR SUCH FURTHER EXPLANATIONS AS MAY BE NECESSARY.



GATES
+ASSOCIATES

LANDSCAPE ARCHITECTURE
LAND PLANNING - URBAN DESIGN

1655 N. MAIN ST. STE 365, WALNUT CREEK, CA 94596
T 925.736.8176 www.dgates.com

C-63 PARK

GRASSCREEK DR AND
LEMONADE LANE
ROSEVILLE
CA

ISSUE:	DESCRIPTION:	DATE:
DD SET		9/12/2024
99% CD		12/20/2024

NOT FOR
CONSTRUCTION



PROJECT NUMBER:	P6274
DRAWN:	TF
CHECK:	CC/EG
DATE:	12/20/2024
SCALE:	



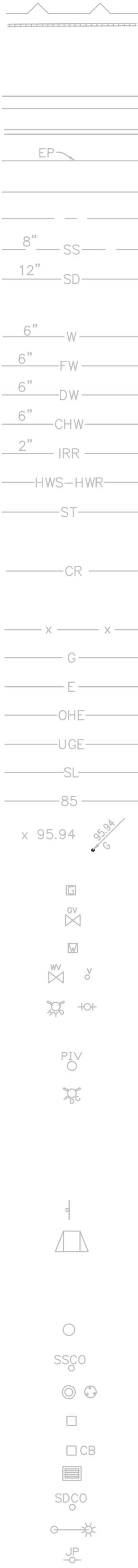
GENERAL NOTES AND
ABBREVIATION

TS0.2

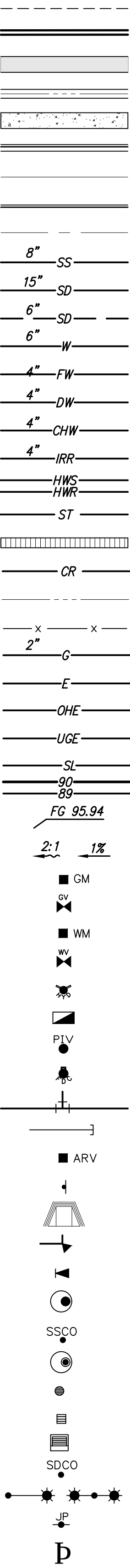
LEGEND

SAWCUT AND CONFORM LINE
RETAINING WALL
A.C. PAVEMENT
CONC. VALLEY GUTTER
CONC. SIDEWALK OR PAD
6" CURB & GUTTER
EDGE OF A.C. PAVEMENT
6" VERTICAL CURB
CENTER LINE
SANITARY SEWER MAIN
STORM DRAIN MAIN
PERFORATED PIPE
WATER MAIN
FIRE WATER MAIN
DOMESTIC WATER MAIN
CHILLED WATER MAIN
IRRIGATION LINE
HOT WATER SUPPLY & RETURN
STEAM LINE
TRENCH DRAIN
CONDENSATE RETURN
FLOW LINE
CHAIN LINK FENCE
GAS MAIN
ELECTRIC AND SIGNAL DUCT BANK
OVERHEAD ELECTRIC LINE
UNDERGROUND ELECTRIC LINE
STREET LIGHT CONDUIT
CONTOUR ELEVATION LINE
SPOT ELEVATION
DIRECTION OF SLOPE
GAS METER
GAS VALVE
WATER METER
WATER VALVE
FIRE HYDRANT
BACK FLOW PREVENTOR
POST INDICATOR VALVE
FIRE DEPARTMENT CONNECTION
WATER LINE TEE
CAP AND PLUG END
AIR RELEASE VALVE
SIGN
ACCESSIBLE RAMP
CONCRETE THRUST BLOCK
REDUCER
SANITARY SEWER MANHOLE
SANITARY SEWER CLEANOUT
STORM DRAIN MANHOLE
STORM DRAIN AREA DRAIN
STORM DRAIN CATCH BASIN
STORM DRAIN CURB INLET
STORM DRAIN CLEANOUT
ELECTROLIER
JOINT POLE
OVERLAND RELEASE
CONSTRUCTION DETAIL REFERENCE

EXISTING



PROPOSED



15
C5.2

DETAIL REFERENCE
SHEET REFERENCE

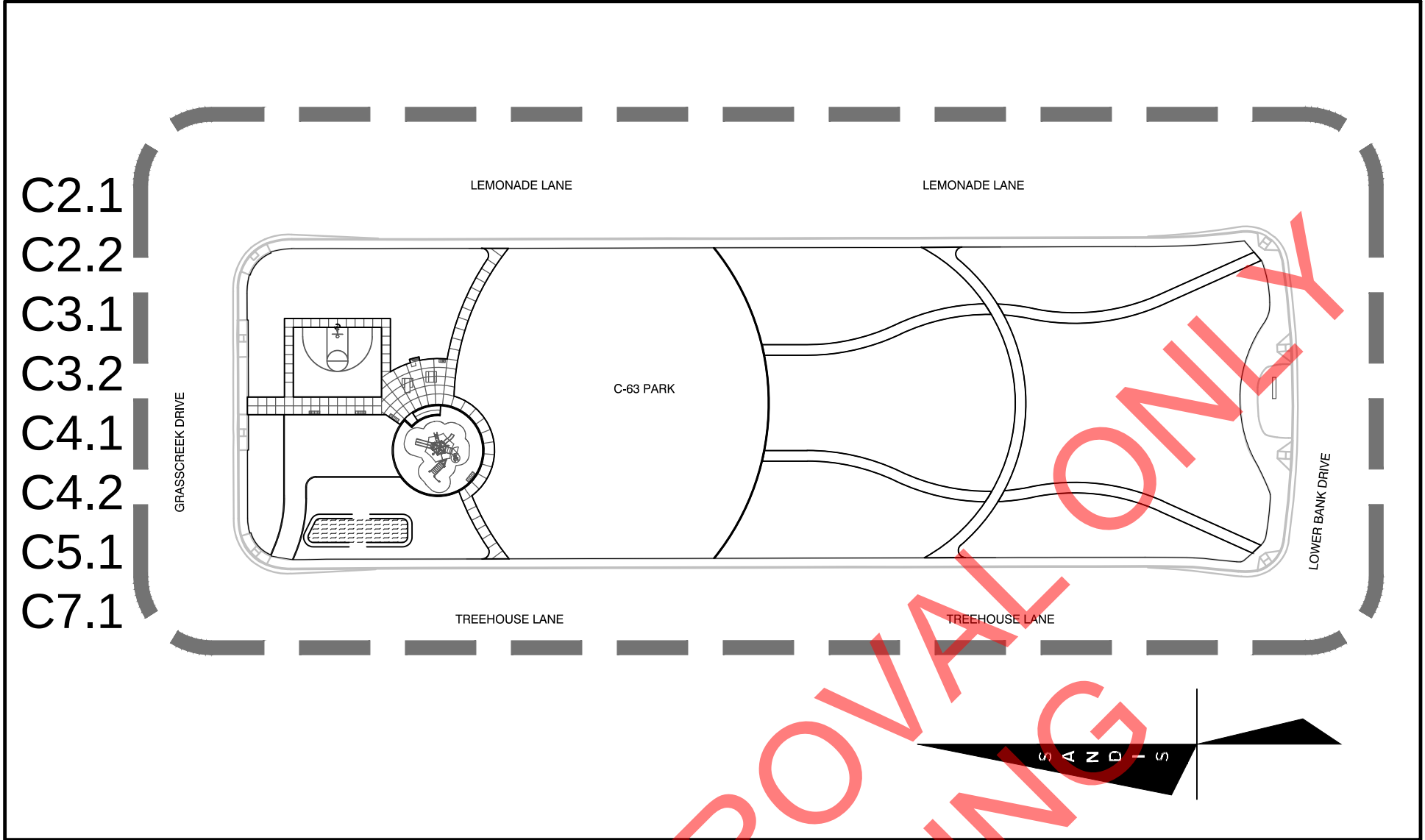
ABBREVIATIONS

- AB - AGGREGATE BASE
- AC - ASPHALT CONCRETE
- AD - AREA DRAIN
- ADA - AMERICANS WITH DISABILITIES ACT
- ASB - AGGREGATE SUBBASE
- BC - BEGINNING OF CURVE
- BFP - BACK FLOW PREVENTOR
- BLDC - BUILDING CORNER
- BLDG - BUILDING
- BOD - BOTTOM OF DOCK
- BOL - BOLLARD
- BOS - BOTTOM OF STEP
- BOW - FG @ BOTTOM OF WALL
- BVC - BEGIN VERTICAL CURVE
- BW - BACK OF WALK
- C - CONCRETE OR CIVL
- C&G - CURB AND GUTTER
- CB - CATCH BASIN
- CI - COMBINATION INLET
- CI - CAST IRON PIPE
- CL - CENTER LINE OR GLASS
- CMP - CORRUGATED METAL PIPE
- CO - CLEANOUT
- COI - CURB OPENING INLET
- CONC - CONCRETE
- CONST - CONSTRUCTION OR CONSTRUCT
- CY - CUBIC YARD
- DCDA - DOUBLE CHECK DETECTOR ASSEMBLY
- DI - DROP INLET
- DIP - DUCTILE IRON PIPE
- DOM - DOMESTIC
- DW - DOMESTIC WATER
- DWG - DRAWING
- E - EAST
- EC - END OF CURVE
- EP - EDGE OF PAVEMENT
- ER - END OF RETURN
- EVC - END VERTICAL CURVE
- ELEV - ELEVATION
- EX., EXIST. - EXISTING
- FC - FACE OF CURB
- FDC - FIRE DEPARTMENT CONNECTION
- FF - FINISHED FLOOR
- FG - FINISHED GRADE
- FH - FIRE HYDRANT
- FL - FLOW LINE
- FOUND - FOUNDATION
- FS - FINISHED SURFACE
- FT - FOOT
- FW - FIRE WATER
- G - GROUND ELEVATION
- GB - GRADE BREAK
- GV - GATE VALVE
- HCR - ACCESSIBLE RAMP
- HP - HIGH POINT
- INV - INVERT ELEVATION
- JP - JOINT POLE
- JT - JOINT TRENCH
- LIP - LIP OF GUTTER
- LP - LOW POINT
- LSA - LANDSCAPE ARCHITECT
- MAX - MAXIMUM
- MEP - MECHANICAL/ELECTRICAL/PLUMBING
- MH - MANHOLE
- MIN - MINIMUM
- MPVC - MIDPOINT OF VERTICAL CURVE
- MON - MONUMENT
- N - NORTH
- N.I.C. - NOT IN CONTRACT
- NO - NUMBER
- NTS - NOT TO SCALE
- P - PAVEMENT ELEVATION
- PCC - PORTLAND CEMENT CONCRETE / POINT OF CONTINUOUS CURVATURE
- PIV - POST INDICATOR VALVE
- PL - PROPERTY LINE
- PMH - POWER MANHOLE
- POC - POINT ON CURVE
- PP - POWER POLE
- PRC - POINT OF REVERSE CURVATURE
- PVC - POLYVINYL CHLORIDE PIPE
- R - RADIUS
- RC - RELATIVE COMPACTION
- RCP - REINFORCED CONCRETE PIPE
- RPPA - REDUCED PRESSURE PRINCIPLE ASSEMBLY
- R/W - RIGHT OF WAY
- S - SLOPE OR SOUTH
- S.A.D. - SEE ARCHITECTURAL DRAWINGS
- SB - SEDIMENT BASIN
- SD - STORM DRAIN
- S.E.D. - SEE ELECTRICAL DRAWINGS
- SF - SILT FENCE
- SG - SUBGRADE
- S.L.D. - SEE LANDSCAPE DRAWINGS
- S.M.D. - SEE MECHANICAL DRAWINGS
- SMH - SIGNAL MANHOLE
- S.P.D. - SEE PLUMBING DRAWINGS
- SS - SANITARY SEWER
- STA - STATION
- STD - STANDARD
- S/W - SIDEWALK
- TC - TOP OF CURB
- TD - TRENCH DRAIN
- TOD - TOP OF DOCK
- TOE - TOP OF SLOPE
- TOS - TOP OF STAIR
- TOW - FG @ TOP OF WALL
- TS - TOP OF SLAB
- TYPICAL - TYPICAL
- UNLESS OTHERWISE NOTED - UNLESS OTHERWISE NOTED
- U/G - UNDERGROUND
- VC - VERTICAL CURVE
- WM - WATER METER
- WV - WATER VALVE
- W - WEST
- WWF - WELDED WIRE FABRIC
- W/ - WITH

C-63 PARK

GRASSCREEK DR AND LEMONADE LANE

ROSEVILLE, CA



KEY MAP

1" = 80'

EARTHWORK QUANTITIES

CUT 1200 CY
FILL 1200 CY
BALANCE 0 CY

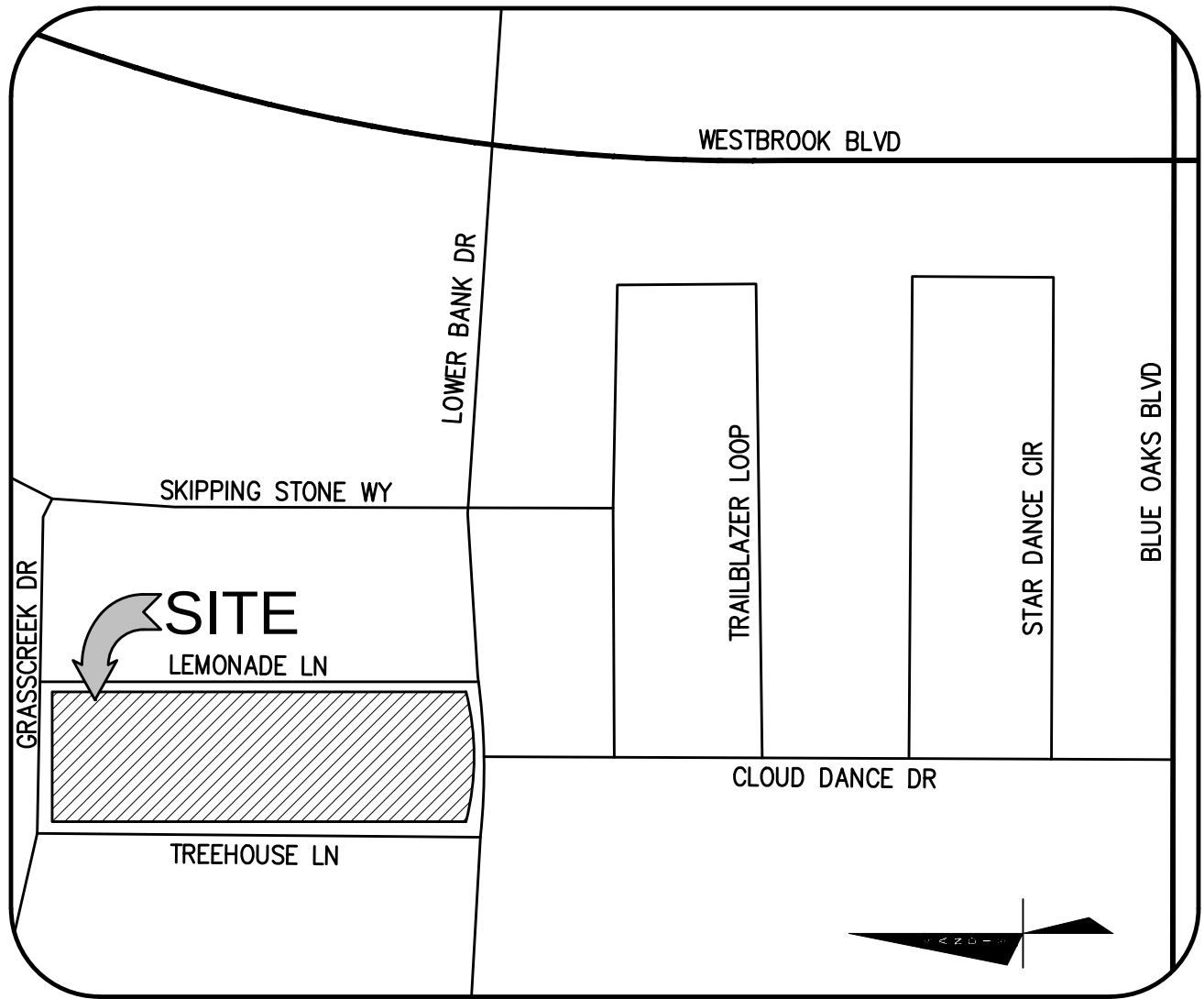
THE EARTHWORK QUANTITIES SHOWN ARE PROVIDED FOR THE PURPOSE OF GRADING PERMIT APPROVAL ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CARRY OUT THE CUT/FILL, IMPORT/EXPORT AS NECESSARY TO MEET THE DESIGN GRADES AS SHOWN ON THE PLANS REGARDLESS OF THE ESTIMATED EARTHWORK QUANTITIES AS INDICATED. SIGNIFICANT REVISIONS TO THE QUANTITIES NEED REVIEW BY THE CITY OF ROSEVILLE. FILL SHORTAGE IS ANTICIPATED TO COME FROM ON-SITE SPOILS ACQUIRED FROM UTILITY TRENCHES AND FOOTING SPOILS.

CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION 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; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD DESIGN PROFESSIONAL HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM SOLE NEGLIGENCE OF DESIGN PROFESSIONAL.



UNAUTHORIZED CHANGES AND USES

CAUTION: THE ENGINEER PREPARING THESE PLANS WILL NOT BE RESPONSIBLE FOR, OR LIABLE FOR, UNAUTHORIZED CHANGES TO OR USES OF THESE PLANS. ALL CHANGES TO THE PLANS MUST BE IN WRITING AND MUST BE APPROVED BY THE PREPARER OF THE PLANS.



VICINITY MAP

N.T.S.

PROJECT DESCRIPTION

THE PROJECT PROPOSES CONSTRUCTING A PARK AND ASSOCIATED SITE IMPROVEMENTS

OWNER INFO

PARK PLANNING & DEVELOPMENT, CITY OF ROSEVILLE, CALIFORNIA
CONTACT PERSON: TARA GEE
PARK PLANNING & DEVELOPMENT MANAGER CALA #3868
PARKS, RECREATION & LIBRARIES
ADDRESS: 316 VERNON STREET, ROSEVILLE, CA 95678
PH: (916) 774-5253
EMAIL: TGEE@ROSEVILLE.CA.US

CIVIL SHEET INDEX

C1.0	CIVIL COVER SHEET
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C6.0	CONSTRUCTION DETAILS
C6.1	CONSTRUCTION DETAILS
C7.1	EROSION CONTROL PLAN
C8.1	EROSION CONTROL DETAILS



GATES

+ASSOCIATES

LANDSCAPE ARCHITECTURE
LAND PLANNING - URBAN DESIGN
1655 N. MAIN ST. STE 365, WALNUT CREEK, CA 94596
T 925.736.8176 www.dgates.com

C-63 PARK

GRASSCREEK DR AND
LEMONADE LANE
ROSEVILLE
CA

NOT FOR
CONSTRUCTION

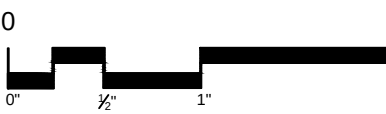
PROJECT NUMBER:

DRAWN:

CHECK:

DATE:

SCALE:



CIVIL COVER SHEET

C1.0

CONSTRUCTION NOTES

- THE PROJECT SHOULD COMPLY TO THE CITY OF ROSEVILLE PARKS CONSTRUCTION STANDARDS, LATEST EDITION.
- ALL OFF-SITE CONSTRUCTION MATERIAL AND METHODS SHALL COMPLY WITH THE LATEST EDITION OF THE CITY OF ROSEVILLE AND THE LATEST CALTRANS STANDARD PLANS & SPECIFICATIONS.
- CONTRACTOR SHALL LEAVE AN EMERGENCY PHONE NUMBER WITH THE CITY OF ROSEVILLE POLICE AND FIRE DEPARTMENTS.
- CONTRACTOR SHALL POST ON THE SITE, EMERGENCY TELEPHONE NUMBERS FOR PUBLIC WORKS, AMBULANCE, POLICE, AND FIRE DEPARTMENTS.
- CONTRACTOR SHALL NOTIFY ALL PUBLIC OR PRIVATE UTILITY OWNERS 48 HOURS PRIOR TO COMMENCEMENT OF WORK ADJACENT TO THE UTILITY UNLESS AN EXCAVATION PERMIT SPECIFIES OTHERWISE.
- THE CONTRACTOR SHALL HIRE A STREET CLEANING CONTRACTOR TO CLEAN UP DIRT AND DEBRIS FROM CITY STREETS THAT ARE ATTRIBUTABLE TO THE DEVELOPMENT'S CONSTRUCTION ACTIVITIES.
- ALL GRADING SHALL BE PERFORMED IN SUCH A MANNER AS TO COMPLY WITH THE STANDARDS ESTABLISHED BY THE AIR QUALITY MAINTENANCE DISTRICT FOR AIRBORNE PARTICULATES (DUST).
- ALL GRADING SHALL CONFORM TO APPROVED SPECIFICATIONS PRESENTED HEREON OR ATTACHED HERETO. ALL GRADING WORK SHALL BE OBSERVED AND APPROVED BY THE SOILS ENGINEER. THE GEOTECHNICAL ENGINEER SHALL BE NOTIFIED AT LEAST 48 HOURS BEFORE BEGINNING ANY GRADING. UNOBSERVED AND UNAPPROVED GRADING WORK SHALL BE REMOVED AND REDONE AT THE CONTRACTORS EXPENSE.
- ALL MATERIALS, REQUIRED FOR THE COMPLETE EXECUTION OF THE PROJECT, SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY DURING THE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO REPAIR OR REPLACE ANY EXISTING IMPROVEMENTS OF UNDERGROUND FACILITIES DAMAGED DURING THE CONSTRUCTION PERIOD.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL ENCROACHMENT, EXCAVATION, CONCRETE, ELECTRICAL, PLUMBING, ETC. PERMITS NECESSARY PRIOR TO BEGINNING CONSTRUCTION FOR ANY WORK.
- THE CONTRACTOR SHALL HAVE A SUPERINTENDENT OR REPRESENTATIVE ON SITE AT ALL TIMES DURING CONSTRUCTION.
- STORAGE OF CONSTRUCTION MATERIAL AND EQUIPMENT ON CITY STREETS WILL NOT BE PERMITTED.
- CONSTRUCTION EQUIPMENT SHALL BE PROPERLY MUFFLED. UNNECESSARY IDLING OF GRADING CONSTRUCTION EQUIPMENT IS PROHIBITED.
- CONSTRUCTION EQUIPMENT, TOOLS, ETC. SHALL NOT BE CLEANED OR RINSED INTO A STREET, GUTTER OR STORM DRAIN.
- A CONTAINED AND COVERED AREA ON-SITE SHALL BE USED FOR STORAGE OF CEMENT BAGS, PAINTS, FLAMMABLE, OILS, FERTILIZERS, PESTICIDES, OR ANY OTHER MATERIALS THAT HAVE POTENTIAL FOR BEING DISCHARGED TO THE STORM DRAIN SYSTEM BY WIND OR IN THE EVENT OF A MATERIAL SPILL.
- ALL CONSTRUCTION DEBRIS SHALL BE GATHERED ON A REGULAR BASIS AND PLACED IN A DUMPSTER WHICH IS EMPTIED OR REMOVED WEEKLY. WHEN FEASIBLE, TARPS SHALL BE USED ON THE GROUND TO COLLECT FALLEN DEBRIS OR SPLATTERS THAT COULD CONTRIBUTE TO STORMWATER POLLUTION.
- ANY TEMPORARY ON-SITE CONSTRUCTION PILES SHALL BE SECURELY COVERED WITH A TARP OR OTHER DEVICE TO CONTAIN DEBRIS.
- CONCRETE TRUCKS AND CONCRETE FINISHING OPERATIONS SHALL NOT DISCHARGE WASH WATER INTO THE STREET GUTTERS OR DRAINS.

DISCREPANCIES

IF THERE ARE ANY DISCREPANCIES BETWEEN DIMENSIONS IN DRAWINGS AND EXISTING CONDITIONS WHICH WILL AFFECT THE WORK, THE CONTRACTOR SHALL BRING SUCH DISCREPANCIES TO THE ATTENTION OF THE ENGINEER FOR ADJUSTMENT BEFORE PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER FITTING OF ALL WORK AND FOR THE COORDINATION OF ALL TRADES, SUBCONTRACTORS, AND PERSONS ENGAGED UPON THIS CONTRACT.

UTILITY/POTHOLE NOTE

THE TYPES, LOCATIONS, SIZES AND /OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ARE APPROXIMATE AND WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. 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 UNDERGROUND UTILITIES. HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THESE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UNDERGROUND FACILITIES AND UTILITIES BY POTHOLING PRIOR TO COMMENCING CONSTRUCTION.

DIMENSIONS

ALL DIMENSIONS ON THE PLANS ARE IN FEET OR DECIMALS THEREOF UNLESS SPECIFICALLY CALLED OUT AS FEET AND INCHES.

ENCROACHMENT NOTE:

A SEPARATE ENCROACHMENT PERMIT IS REQUIRED FOR ALL WORK WITHIN THE PUBLIC RIGHT-OF-WAY. IT IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN THIS ENCROACHMENT PERMIT AND FOLLOW ALL CONSTRUCTION RELATED REQUIREMENTS OF SUCH PERMIT.

FLOODZONE

THIS PROJECT IS IN FLOOD ZONE X: AREA OF MINIMUM FLOOD HAZARD.

INFORMATION OBTAINED FROM THE FLOOD INSURANCE RATE MAP (FIRM) NO. 06061C0920H DATED NOVEMBER 2, 2018 PRODUCED BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA).

FIRE DESIGN NOTE:

THE CONTRACTOR SHALL DESIGN, PREPARE SHOP DRAWINGS FOR, OBTAIN ALL REQUIRED APPROVALS, AND CONSTRUCT THE FIRE SYSTEM FOR THE PROPOSED PROJECT. CONTRACTOR SHALL HAVE SHOP DRAWINGS STAMPED BY A FIRE PROTECTION ENGINEER AS REQUIRED BY THE LOCAL AUTHORITY.

UNDERGROUND WORK CAUTION

CONTRACTOR SHALL CONTACT UNDERGROUND SERVICE ALERT FOR LOCATION OF UNDERGROUND UTILITIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION. FOR NORTHERN CALIFORNIA DIAL 811 OR (800) 227-2600. FOR OTHER AREAS CALL (800) 642-2444. CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES PRIOR TO BEGINNING ANY WORK ON THIS SITE.

DEMOLITION NOTES

- CONTRACTOR IS TO COMPLY WITH ALL GENERAL AND STATE REQUIREMENTS INVOLVING THE REMOVAL AND DISPOSAL OF HAZARDOUS MATERIAL(S).
- CONTRACTOR'S BID IS TO INCLUDE ALL VISIBLE SURFACE AND ALL SUBSURFACE FEATURES IDENTIFIED TO BE REMOVED OR ABANDONED IN THESE DOCUMENTS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR A SITE INSPECTION TO FULLY ACKNOWLEDGE THE EXTENT OF THE DEMOLITION WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY AND ALL PERMITS NECESSARY FOR ENCROACHMENT, GRADING, DEMOLITION, AND DISPOSAL OF SAID MATERIALS AS REQUIRED BY PRIVATE, LOCAL AND STATE JURISDICTIONS. THE CONTRACTOR SHALL PAY ALL FEES ASSOCIATED WITH THE DEMOLITION WORK.
- BACKFILL ALL DEPRESSIONS AND TRENCHES FROM DEMOLITION TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
- REMOVAL OF LANDSCAPING SHALL INCLUDE ROOTS AND ORGANIC MATERIALS TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER.
- PRIOR TO BEGINNING DEMOLITION WORK ACTIVITIES, CONTRACTOR SHALL INSTALL EROSION CONTROL MEASURES OUTLINED IN THE EROSION CONTROL PLAN & DETAILS AND THE PROJECT SWPPP IF APPLICABLE.
- THE CONTRACTOR SHALL MAINTAIN ALL SAFETY DEVICES, AND SHALL BE RESPONSIBLE FOR CONFORMANCE TO ALL LOCAL, STATE AND FEDERAL SAFETY AND HEALTH STANDARDS LAWS AND REGULATIONS.
- THE CONTRACTOR SHALL PROTECT FROM DAMAGE ALL EXISTING IMPROVEMENTS FACILITIES AND STRUCTURES WHICH ARE TO REMAIN. ANY ITEMS DAMAGED BY THE CONTRACTOR OR THEIR AGENTS OR ANY ITEMS REMOVED FOR HIS USE SHALL BE REPLACED IN EQUAL OR BETTER CONDITION AS APPROVED BY THE ARCHITECT OR OWNER'S REPRESENTATIVE.
- COORDINATE WITH ELECTRICAL, MECHANICAL, LANDSCAPING AND ARCHITECTURAL DRAWINGS FOR UTILITY SHUT-DOWN/DISCONNECT LOCATIONS. CONTRACTOR IS TO SHUT OFF ALL UTILITIES AS NECESSARY PRIOR TO DEMOLITION. CONTRACTOR IS TO COORDINATE SERVICE INTERRUPTIONS WITH THE UTILITY OWNER AND ANY AFFECTED PROPERTIES OR BUILDINGS. SEE ARCHITECTURAL PLANS FOR ADDITIONAL DEMOLITION SCOPE OF WORK.
- THIS PLAN IS NOT INTENDED TO BE A COMPLETE CATALOGUE OF ALL EXISTING STRUCTURES AND UTILITIES. THIS PLAN INTENDS TO DISCLOSE GENERAL INFORMATION KNOWN BY THE ENGINEER AND TO SHOW THE LIMITS OF THE AREA WHERE WORK WILL BE PERFORMED. THIS PLAN SHOWS THE EXISTING FEATURES TAKEN FROM A FIELD SURVEY, FIELD INVESTIGATIONS AND AVAILABLE INFORMATION. THIS PLAN MAY OR MAY NOT ACCURATELY REFLECT THE TYPE OR EXTENT OF THE ITEMS TO BE ENCOUNTERED AS THEY ACTUALLY EXIST. WHERE EXISTING FEATURES ARE NOT SHOWN, IT IS NOT IMPLIED THAT THEY ARE NOT TO BE DEMOLISHED OR RELOCATED. THE CONTRACTOR SHALL PERFORM A THOROUGH FIELD INVESTIGATION AND REVIEW OF THE SITE WITHIN THE LIMIT OF WORK SHOWN IN THIS PLAN SET TO DETERMINE THE TYPE, QUANTITY AND EXTENT OF ANY AND ALL ITEMS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR DETERMINING THE EXTENT OF EXISTING STRUCTURES AND UTILITIES AND QUANTITY OF WORK INVOLVED IN REMOVING THESE ITEMS FROM THE SITE.
- CONTRACTOR TO DEMOLISH AND REMOVE ALL IRRIGATION IN LANDSCAPE AREAS WITHIN THE LIMIT OF WORK. IF ANY IRRIGATION LINES OR MAINS ARE IN THE LIMIT OF WORK OR ARE DAMAGED THAT SERVE LANDSCAPE TO REMAIN, CONTRACTOR TO RECONNECT OR RELOCATE AT NO ADDITIONAL COST TO OWNER.
- PROTECT ALL EXISTING UTILITIES IN PLACE UNLESS OTHERWISE NOTED. REPLACE ANY DAMAGED UTILITY TO REMAIN TO KEEP OPERABLE DURING CONSTRUCTION.
- ALL UTILITY SHUT DOWNS ARE TO BE AVOIDED. IF SHUT DOWNS ARE NECESSARY, CONTRACTOR TO COORDINATE SHUT DOWN WITH UTILITY OWNER WITH 48 HOUR MINIMUM NOTICE.
- ALL EXISTING STORM DRAIN, SANITARY SEWER, AND WATER MAINS THAT SERVE EXISTING BUILDINGS MUST REMAIN OPERABLE DURING CONSTRUCTION. CONTRACTOR TO SET UP TEMPORARY SERVICE OR PUMP AS NECESSARY TO ENSURE UNINTERRUPTED SERVICE.

HAZARDOUS MATERIALS NOTE

THERE MAY BE ASBESTOS CONTAINING PIPE AND PIPE INSTALLATION OR OTHER HAZARDOUS MATERIALS WITHIN THE PROJECT AREA. THE CONTRACTOR WILL PROTECT ALL HAZARDOUS CONTAINING ITEMS DURING THE EXECUTION OF THIS CONTRACT. ADDITIONALLY THE CONTRACTOR WILL COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS REGARDING CONSTRUCTION ACTIVITIES NEAR HAZARDOUS MATERIALS.

CONSTRUCTION FENCE

- CONTRACTOR SHALL PROVIDE A CONSTRUCTION FENCE AROUND THE ENTIRE AREA OF DEMOLITION AND CONSTRUCTION, INCLUDING ALL STAGING, STORAGE, CONSTRUCTION OFFICE AND LAYDOWN AREAS.
- CONSTRUCTION FENCE SHALL BE A MINIMUM OF A 6' HIGH GALVANIZED CHAIN LINK WITH GREEN WINDSCREEN FABRIC ON THE OUTSIDE OF THE FENCE.
- CONSTRUCTION FENCE ADDRESSED IN THESE NOTES IS ONLY FOR VISUAL CONFORMANCE OF THIS CONSTRUCTION SITE TO THE CITY OF ROSEVILLE STANDARDS. CONTRACTOR MAY BE REQUIRED TO PROVIDE ADDITIONAL FENCING, BARRICADES OR OTHER SAFETY DEVICES TO KEEP THE SITE SECURE AND SAFE.

RECORD DRAWING NOTE

THE CONTRACTOR SHALL KEEP UP-TO-DATE AND ACCURATE A COMPLETE RECORD SET OF PRINTS OF THE CONTRACT DRAWINGS SHOWING EVERY CHANGE FROM THE ORIGINAL DRAWINGS MADE DURING THE COURSE OF CONSTRUCTION INCLUDING EXACT FINAL LOCATION, ELEVATION, SIZES, MATERIALS, AND DESCRIPTION OF ALL WORK. RECORDS SHALL BE "REDLINED" ON A SET OF CONSTRUCTION PLAN DRAWINGS. A COMPLETE SET OF CORRECTED AND COMPLETED RECORD DRAWING PRINTS SHALL BE SUBMITTED TO THE CITY ENGINEER AND DEVELOPER'S CIVIL ENGINEER PRIOR TO FINAL ACCEPTANCE FOR REVIEW AND APPROVAL BY THE CITY ENGINEER.

PROJECT SITE MAINTENANCE

- REMOVE ALL DIRT, GRAVEL, RUBBISH, REFUSE, AND GREEN WASTE FROM STREET PAVEMENT AND STORM DRAINS ADJOINING THE SITE. LIMIT CONSTRUCTION ACCESS ROUTES ONTO THE SITE AND PLACE GRAVEL PADS AT THESE LOCATIONS. DO NOT DRIVE VEHICLES AND EQUIPMENT OFF THE PAVED OR GRAVELED AREAS DURING WET WEATHER.
- SWEEP OR VACUUM THE STREET PAVEMENT AND SIDEWALKS ADJOINING THE PROJECT SITE AND THE ON-SITE PAVED AREAS ON A DAILY BASIS. SCRAPE CAKED-ON MUD AND DIRT FROM THESE AREAS BEFORE SWEEPING. CORNERS AND HARD TO REACH AREAS SHALL BE SWEEP MANUALLY.
- CREATE A CONTAINED AND COVERED AREA ON THE SITE FOR THE STORAGE OF BAGS, CEMENT, PAINTS, OILS, FERTILIZERS, PESTICIDES, OR OTHER MATERIALS USED ON THE SITE THAT HAVE THE POTENTIAL OF BEING DISCHARGED INTO THE STORM DRAIN SYSTEM THROUGH EITHER BEING WIND-BLOWN OR IN THE EVENT OF A MATERIAL SPILL.
- NEVER CLEAN MACHINERY, EQUIPMENT OR TOOLS INTO A STREET, GUTTER OR STORM DRAIN.
- ENSURE THAT CEMENT TRUCKS, PAINTERS, OR STUCCO/PLASTER FINISHING CONTRACTORS DO NOT DISCHARGE WASH WATER FROM EQUIPMENT, TOOLS OR RINSE CONTAINERS INTO GUTTERS OR DRAINS.

PAVEMENT SECTIONS

- SEE STRUCTURAL DRAWINGS FOR BUILDING SLAB SECTIONS AND PAD PREPARATIONS.
- SEE GEOTECHNICAL INVESTIGATION REPORT DATED APRIL 23, 2024 PRODUCED BY BSK ASSOCIATES FOR ALL FLATWORK AND VEHICULAR PAVEMENT SECTIONS AND BASE REQUIREMENTS.
- THE FINAL OR SURFACE LAYER OF ASPHALT CONCRETE SHALL NOT BE PLACED UNTIL ALL ON-SITE IMPROVEMENTS HAVE BEEN COMPLETED, INCLUDING ALL GRADING, AND ALL UNACCEPTABLE CONCRETE WORK HAS BEEN REMOVED AND REPLACED, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER AND/OR DEVELOPER'S CIVIL ENGINEER.
- ALL PAVING SHALL BE IN CONFORMANCE WITH SECTION 26 "AGGREGATE BASE" AND SECTION 39 "ASPHALT CONCRETE" PER LATEST EDITION OF CALTRANS STANDARD SPECIFICATIONS.

GENERAL UTILITY NOTES

- ALL TRENCHES SHALL BE BACK FILLED PER THE GEOTECHNICAL REPORT OR UTILITY OWNERS STANDARD DETAILS AND SPECIFICATIONS.
- CONTRACTOR SHALL STAKE LOCATION OF ABOVE GROUND UTILITY EQUIPMENT (TRANSFORMER, GAS METER, ETC.). PLANNING DEPARTMENT MUST SPECIFICALLY AGREE WITH LOCATION PRIOR TO PROCEEDING WITH ANY REVISIONS TO APPROVED LOCATIONS.
- CATHODIC PROTECTION SHALL BE REQUIRED ON ALL METALLIC FITTINGS AND ASSEMBLIES THAT ARE IN CONTACT WITH THE SOIL, UNLESS SPECIFICALLY DEEMED UNNECESSARY BY THE GEOTECHNICAL REPORT. CONTRACTOR IS RESPONSIBLE TO FULLY ENGINEER AND INSTALL THIS SYSTEM AND COORDINATE ANODE AND TEST STATION LOCATIONS WITH THE UTILITY OWNER.
- COMPLETE SYSTEMS: ALL UTILITY SYSTEMS ARE DELINEATED IN A SCHEMATIC MANNER ON THESE PLANS. CONTRACTOR IS TO PROVIDE ALL FITTINGS, ACCESSORIES AND WORK NECESSARY TO COMPLETE THE UTILITY SYSTEM SO THAT IT IS FULLY FUNCTIONING FOR THE PURPOSE INTENDED.
- UNDERGROUND UTILITIES OR STRUCTURES ARE SHOWN IN THEIR APPROXIMATE LOCATIONS AND EXTENT BASED UPON RECORD INFORMATION. LOCATIONS MAY NOT HAVE BEEN VERIFIED IN THE FIELD AND NO GUARANTEE IS MADE TO THE ACCURACY OR COMPLETENESS OF THE INFORMATION SHOWN. THE CLIENT, BY ACCEPTING THESE PLANS OR PROCEEDING WITH IMPROVEMENTS PURSUANT THERETO, AGREES TO ASSUME LIABILITY AND TO HOLD UNDERSIGNED HARMLESS FOR ANY DAMAGES RESULTING FROM THE EXISTENCE OF UNDERGROUND UTILITIES OR STRUCTURES NOT REPORTED TO THE UNDERSIGNED; NOT INDICATED ON THE PUBLIC RECORDS EXAMINED, LOCATED AT VARIANCE WITH THOSE REPORTED OR SHOWN ON RECORDS EXAMINED.
- CONTRACTOR SHALL VERIFY ALL EXISTING INVERT ELEVATIONS FOR STORM DRAIN AND SANITARY SEWER CONSTRUCTION PRIOR TO COMMENCEMENT OF ANY WORK. ALL WORK FOR STORM AND SANITARY SEWER INSTALLATION SHALL BEGIN AT THE DOWNSTREAM CONNECTION POINT. THIS WILL ALLOW FOR ANY NECESSARY ADJUSTMENTS TO BE MADE PRIOR TO THE INSTALLATION OF THE ENTIRE LINE. IF THE CONTRACTOR FAILS TO BEGIN AT THE DOWNSTREAM CONNECTION POINT AND WORK UP-STREAM, AND SHALL PROCEED AT HIS OWN RISK AND BE RESPONSIBLE FOR ANY ADJUSTMENTS NECESSARY.
- EXISTING UTILITY CROSSINGS OF NEW PIPELINE ARE SHOWN ACCORDING TO THE BEST AVAILABLE INFORMATION. GAS, WATER AND SEWER SERVICE LATERALS ARE SHOWN ACCORDING TO THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY THE TYPE, SIZE, LOCATION AND DEPTH OF ALL THE UTILITY CROSSING (BOTH MAINS AND LATERALS) ARE CORRECT AS SHOWN. NO GUARANTEE IS MADE THAT ALL EXISTING UTILITIES (BOTH MAINS AND LATERALS) ARE SHOWN. THE CONTRACTOR SHALL EXERCISE CAUTION WHEN EXCAVATING AND SHALL PROTECT ALL EXISTING UTILITIES (BOTH MAINS AND LATERALS) FROM DAMAGE DUE TO HIS OPERATION.
- VERTICAL SEPARATION REQUIREMENTS (UNLESS SPECIFICALLY SHOWN OTHERWISE ON PLANS):

A MINIMUM OF SIX (6) INCHES VERTICAL CLEARANCE, MEASURED FROM OUTSIDE EDGE OF PIPE, SHALL BE PROVIDED BETWEEN CROSSING UTILITY PIPES, EXCEPT THAT THE MINIMUM VERTICAL CLEARANCE BETWEEN WATER AND SANITARY SEWER PIPELINES SHALL BE 12 INCHES AND ALL NEW WATER PIPES SHALL BE TYPICALLY INSTALLED TO CROSS ABOVE/OVER EXISTING SANITARY SEWER PIPELINES.

WHERE NEW WATER PIPELINES ARE REQUIRED TO CROSS UNDER EXISTING AND/OR NEW SANITARY SEWER PIPELINES, THE MINIMUM VERTICAL SEPARATION SHALL BE 12 INCHES. WATER LINE PIPE ENDS SHALL BE INSTALLED NO CLOSER THAN 10' MINIMUM HORIZONTAL DISTANCE FROM CENTERLINE OF UTILITY CROSSINGS, WHERE FEASIBLE.
- HORIZONTAL SEPARATION REQUIREMENTS (UNLESS SPECIFICALLY SHOWN OTHERWISE ON PLANS):

A MINIMUM HORIZONTAL SEPARATION BETWEEN NEW PIPELINES AND ANY EXISTING UTILITIES SHALL BE 5' FEET, EXCEPT THAT THE MINIMUM HORIZONTAL SEPARATION FOR WATER AND SANITARY SEWER MAIN PIPELINES SHALL BE 10' MINIMUM.

A MINIMUM HORIZONTAL SEPARATION BETWEEN NEW PIPELINES AND JOINT TRENCH SHALL BE 5 FEET.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING APPROPRIATE UTILITIES AND REQUESTING VERIFICATION OF SERVICE POINTS, FIELD VERIFICATION OF LOCATION, SIZE, DEPTH, ETC. FOR ALL THEIR FACILITIES AND TO COORDINATE WORK SCHEDULES.
- ANY EXISTING UNDERGROUND UTILITY LINES TO BE ABANDONED, SHALL BE REMOVED FROM WITHIN THE PROPOSED BUILDING ENVELOPE AND THEIR ENDS CAPPED OUTSIDE OF THE BUILDING ENVELOPE.
- ANY PIPING TO BE ABANDONED IN PLACE SHALL BE FILLED WITH GROUT AND CAPPED.

DUST CONTROL NOTES

- WATER TRUCKS SHALL BE PRESENT AND IN USE AT THE CONSTRUCTION SITE. ALL PORTIONS OF THE SITE SUBJECT TO BLOWING DUST SHALL BE WATERED AS OFTEN AS DEEMED NECESSARY BY THE CLIENT/INSPECTOR IN ORDER TO INSURE PROPER CONTROL OF BLOWING DUST FOR THE DURATION OF THE PROJECT.
- ALL PUBLIC STREETS AND MEDIANS SOILED OR LITTERED DUE TO THIS CONSTRUCTION ACTIVITY SHALL BE CLEANED AND SWEEP ON A DAILY BASIS DURING THE WORK WEEK, OR AS OFTEN AS DEEMED NECESSARY BY THE CLIENT/INSPECTOR, OR TO THE SATISFACTION OF THE CITY'S DEPARTMENT OF PUBLIC WORKS.
- ALL TRUCKS HAULING SOIL, SAND, AND OTHER LOOSE MATERIALS SHALL BE COVERED WITH TARPULINS OR OTHER EFFECTIVE COVERS.
- WHEEL WASHERS SHALL BE INSTALLED AND USED TO CLEAN ALL TRUCKS AND EQUIPMENT LEAVING THE CONSTRUCTION SITE. IF WHEEL WASHERS CANNOT BE INSTALLED, TIRES OR TRACKS OF ALL TRUCKS AND EQUIPMENT SHALL BE WASHED OFF BEFORE LEAVING THE CONSTRUCTION SITE.
- THE CONTRACTOR SHALL DEMONSTRATE DUST SUPPRESSION MEASURES, SUCH AS REGULAR WATERING, WHICH SHALL BE IMPLEMENTED TO REDUCE EMISSIONS DURING CONSTRUCTION AND GRADING IN A MANNER MEETING THE APPROVAL OF THE CONSTRUCTION MANAGER. THIS SHALL ASSIST IN REDUCING SHORT-TERM IMPACTS FROM PARTICLES WHICH COULD RESULT IN NUISANCES THAT ARE PROHIBITED BY RULE 403 (FUGITIVE DUST).
- GRADING OR ANY OTHER OPERATIONS THAT CREATES DUST SHALL BE STOPPED IMMEDIATELY IF DUST AFFECTS ADJACENT PROPERTIES. THE CONTRACTOR SHALL PROVIDE SUFFICIENT DUST CONTROL FOR THE ENTIRE PROJECT SITE IN ACCORDANCE WITH THE PROJECT SWPPP (IF ONE EXISTS) OR AS APPLICABLE PER LOCAL REGULATIONS AT ALL TIMES. THE SITE SHALL BE SPRINKLERED AS NECESSARY TO PREVENT DUST NUISANCE. IN THE EVENT THAT THE CONTRACTOR NEGLECTS TO USE ADEQUATE MEASURES TO CONTROL DUST, THE CLIENT RESERVES THE RIGHT TO TAKE WHATEVER MEASURES ARE NECESSARY TO CONTROL DUST AND CHARGE THE COST TO THE CONTRACTOR.
- THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL MEASURES AND FOR OBTAINING ALL REQUIRED PERMITS AND APPROVALS. ALL GRADING OPERATIONS SHALL BE SUSPENDED DURING SECOND (OR WORSE) STAGE SMOG ALERTS.

GENERAL SITE NOTES

- CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING ON THIS WORK AND CONSIDER THE EXISTING CONDITIONS AND SITE CONSTRAINTS IN THE BID. CONTRACTOR SHALL BE IN THE POSSESSION OF AND FAMILIAR WITH ALL APPLICABLE GOVERNING AGENCIES STANDARD DETAILS AND SPECIFICATIONS PRIOR TO SUBMITTING OF A BID.
- ALL WORK ON-SITE AND IN THE PUBLIC RIGHT-OF-WAY SHALL CONFORM TO ALL APPLICABLE GOVERNING AGENCIES STANDARD DETAILS & SPECIFICATIONS.
- PRIOR TO BEGINNING WORK, AND AFTER INITIAL HORIZONTAL CONTROL STAKING, CONTRACTOR SHALL FIELD CHECK ALL ELEVATIONS MARKED WITH (E) AND REPORT ANY DISCREPANCIES GREATER THAN 0.05' TO THE ENGINEER.
- DAMAGE TO ANY EXISTING SITE IMPROVEMENTS, UTILITIES AND/OR SERVICES TO REMAIN SHALL BE RESPONSIBILITY OF THE CONTRACTOR. CONTRACTOR SHALL REPAIR AND/OR REPLACE IN KIND.
- CONTRACTOR AGREES THAT HE SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT INCLUDING SAFETY OF ALL PERSONS AND PROPERTY THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS AND THAT THE CONTRACTOR SHALL DEFEND INDEMNIFY AND HOLD THE CLIENT, THE CONSULTING ENGINEER AND THE CITY HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE CLIENT OR THE CONSULTING ENGINEER.

TREE PROTECTION

- PRIOR TO BEGINNING CONSTRUCTION ON SITE, CONTRACTOR SHALL IDENTIFY AND PROTECT EXISTING TREES AND PLANTS DESIGNATED AS TO REMAIN.
- PROTECT EXISTING TREES TO REMAIN FROM SPILLED CHEMICALS, FUEL OIL, MOTOR OIL, GASOLINE AND ALL OTHER CHEMICALLY INJURIOUS MATERIAL; AS WELL AS FROM PUDDLING OR CONTINUOUSLY RUNNING WATER. SHOULD A SPILL OCCUR, STOP WORK IN THAT AREA AND CONTACT THE CITY'S ENGINEER/INSPECTOR IMMEDIATELY. CONTRACTOR SHALL BE RESPONSIBLE TO MITIGATE DAMAGE FROM SPILLED MATERIAL AS WELL AS MATERIAL CLEAN UP.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ONGOING MAINTENANCE OF ALL TREES DESIGNATED TO REMAIN AND FOR MAINTENANCE OF RELOCATED TREES STOCKPILED DURING CONSTRUCTION. CONTRACTOR WILL BE REQUIRED TO REPLACE TREES THAT DIE DUE TO LACK OF MAINTENANCE.
- REFER TO LANDSCAPE PLANS, SPECIFICATIONS OR ARBORIST REPORT FOR TREE PROTECTION REQUIREMENTS AND MEASURES.



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CIVIL GENERAL NOTES

C1.1



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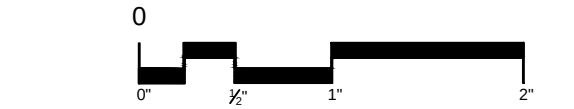
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TOPOGRAPHIC
SURVEY

C2.1

SURVEY NOTES

- ALL DISTANCES AND DIMENSIONS ARE SHOWN IN FEET AND DECIMALS THEREOF.
- DATE OF FIELD SURVEY: 02/16/2024.
- HORIZONTAL CONTROL WAS BASED ON A GPS SURVEY USING GNSS RTK METHODS CONNECTED TO THE LEICA SMARTNET REAL TIME NETWORK TIED INTO CALIFORNIA STATE PLANE COORDINATES ZONE 2, NAD83, EPOCH 2023.250.

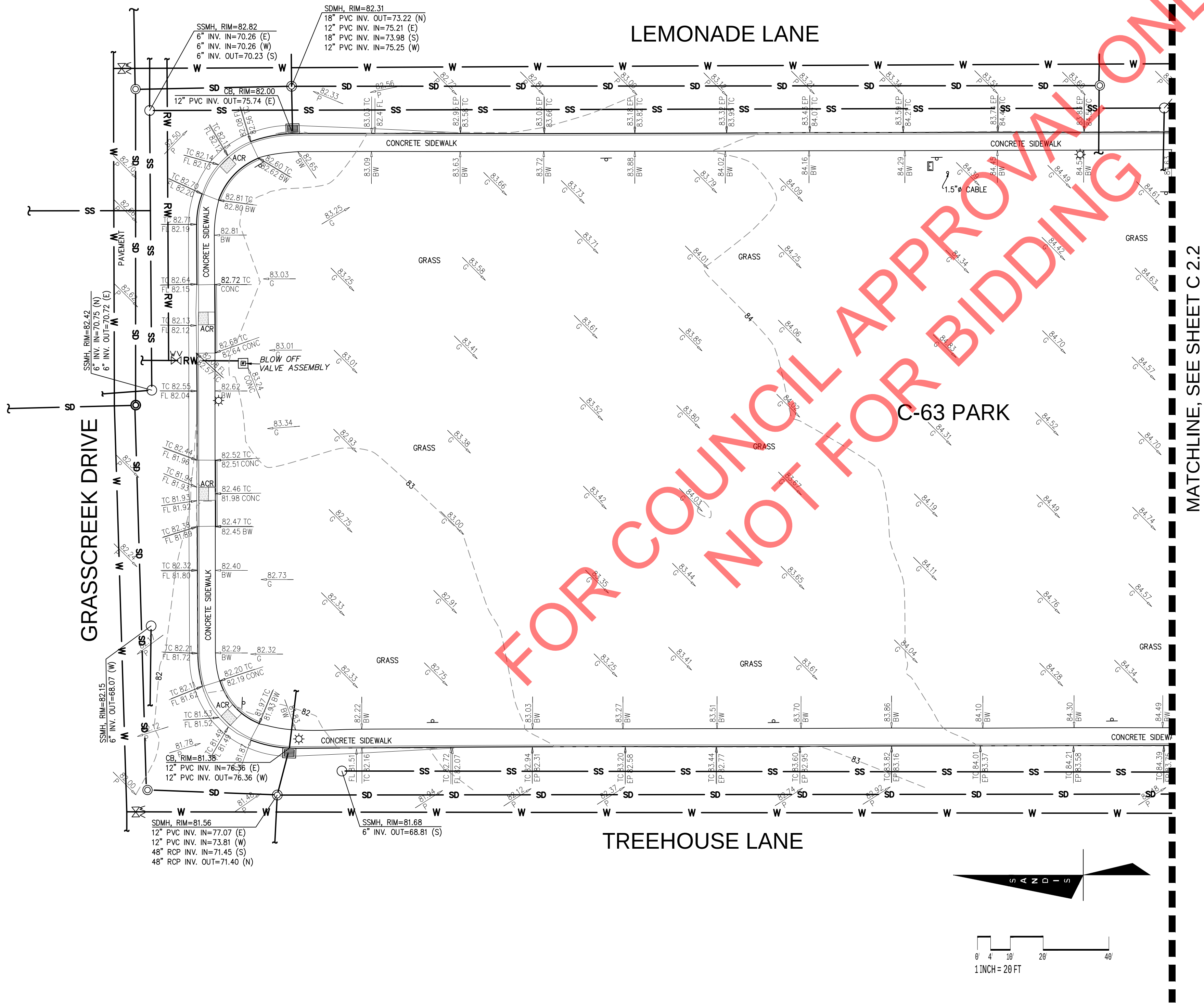
BENCHMARK

THE ELEVATION REFERENCE FOR THIS SURVEY IS A CITY OF ROSEVILLE BENCHMARK, BM ID 129, A 3-1/4" BRASS DISK STAMPED 2018 PLS 8278, LOCATED ON THE NORTHEAST ANGLE POINT OF THE CORNER OF THE EAST SIDE OF WESTBROOK BLVD, BEING APPROXIMATELY 2000 FEET NORTH OF THE INTERSECTION WITH PLEASANT GROVE BLVD.

ELEVATION= 96.12 FEET NAVD 88

UNDERGROUND UTILITY NOTE

THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY ARE APPROXIMATE AND WERE OBTAINED FROM PHYSICAL EVIDENCE AT THE TIME OF SURVEY. ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. UNDERGROUND UTILITY LOCATING WAS NOT PERFORMED BY SANDIS. OTHER UNDERGROUND UTILITIES MAY EXIST THAT ARE NOT SHOWN ON THIS MAP.





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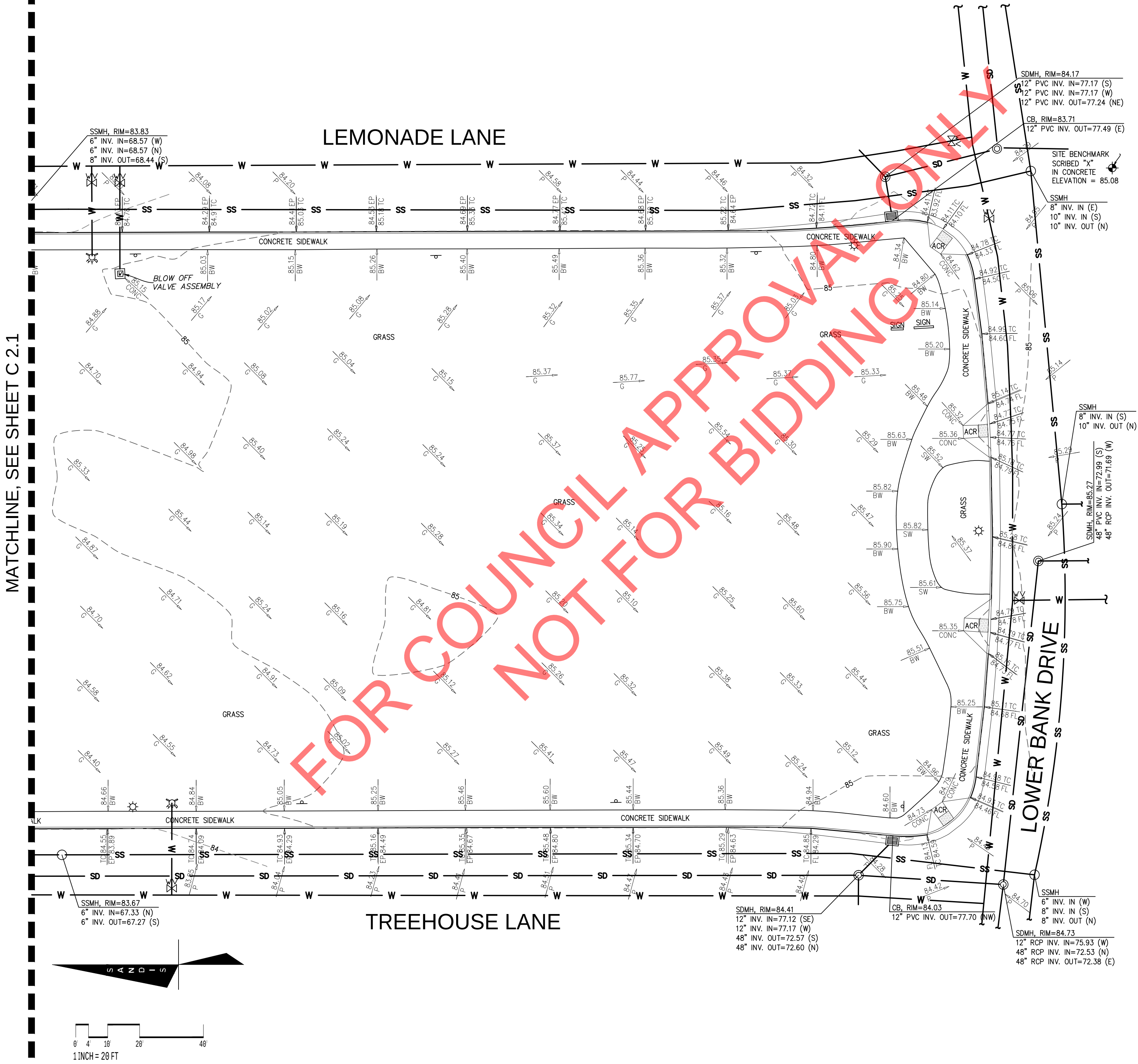
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TOPOGRAPHIC
SURVEY

C2.2





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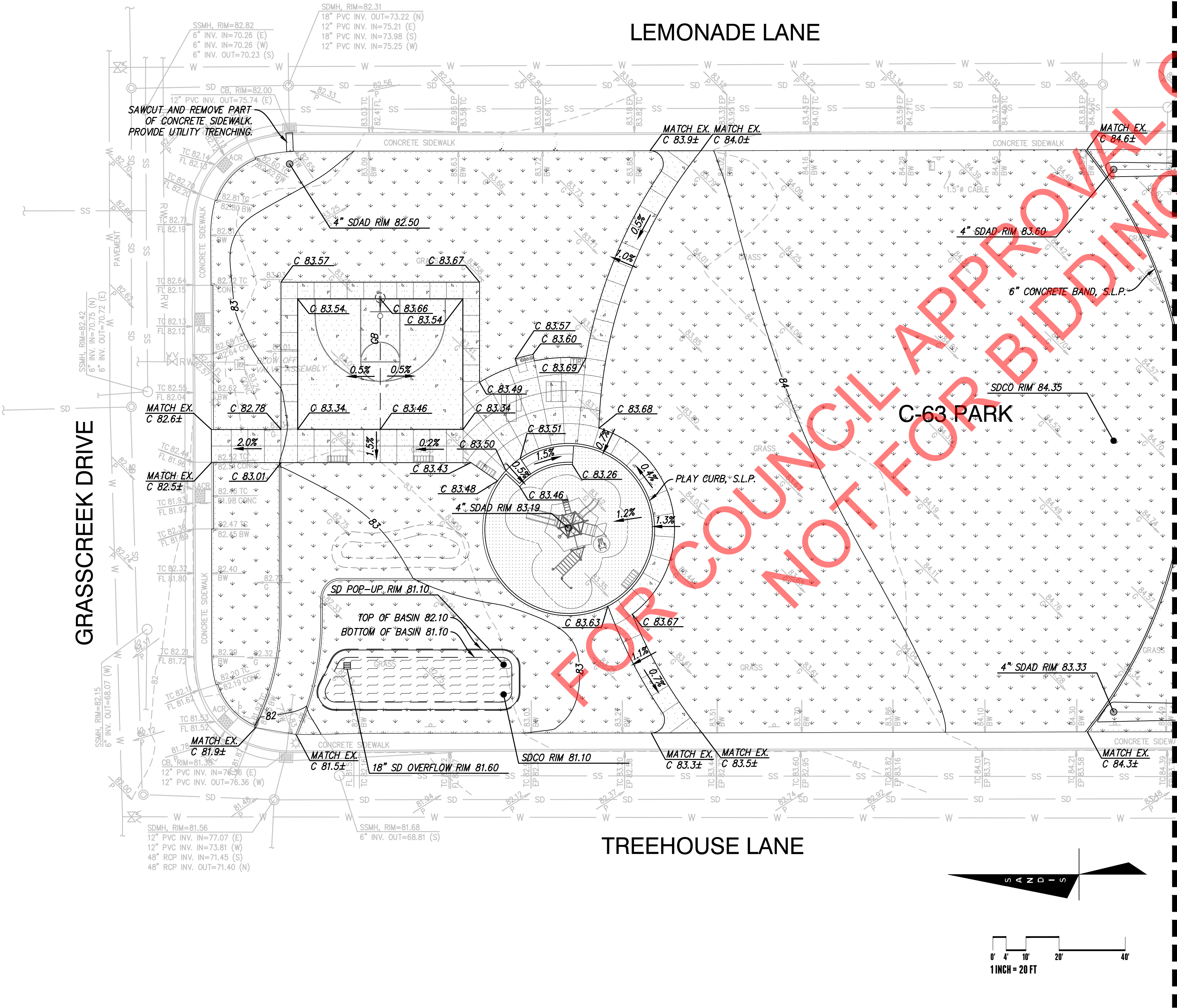


GRADING AND
DRAINAGE PLAN

C3.1

LEGEND

- SAWCUT LINE
- FLOW LINE
- GRADE BREAK
- 194
- 195
- CONTOURS
- CONCRETE SIDEWALK (PK-31 CB.0)
- PLANTING. SEE LANDSCAPE PLANS FOR DETAILS
- BIO-TREATMENT AREA (TR1-16 CB.1)
- PLAYGROUND. SEE LANDSCAPE PLANS FOR DETAILS
- COMPACTED EARTH PATH. SEE LANDSCAPE PLANS FOR DETAILS
- DECOMPOSED GRANITE PATH. SEE LANDSCAPE PLANS FOR DETAILS





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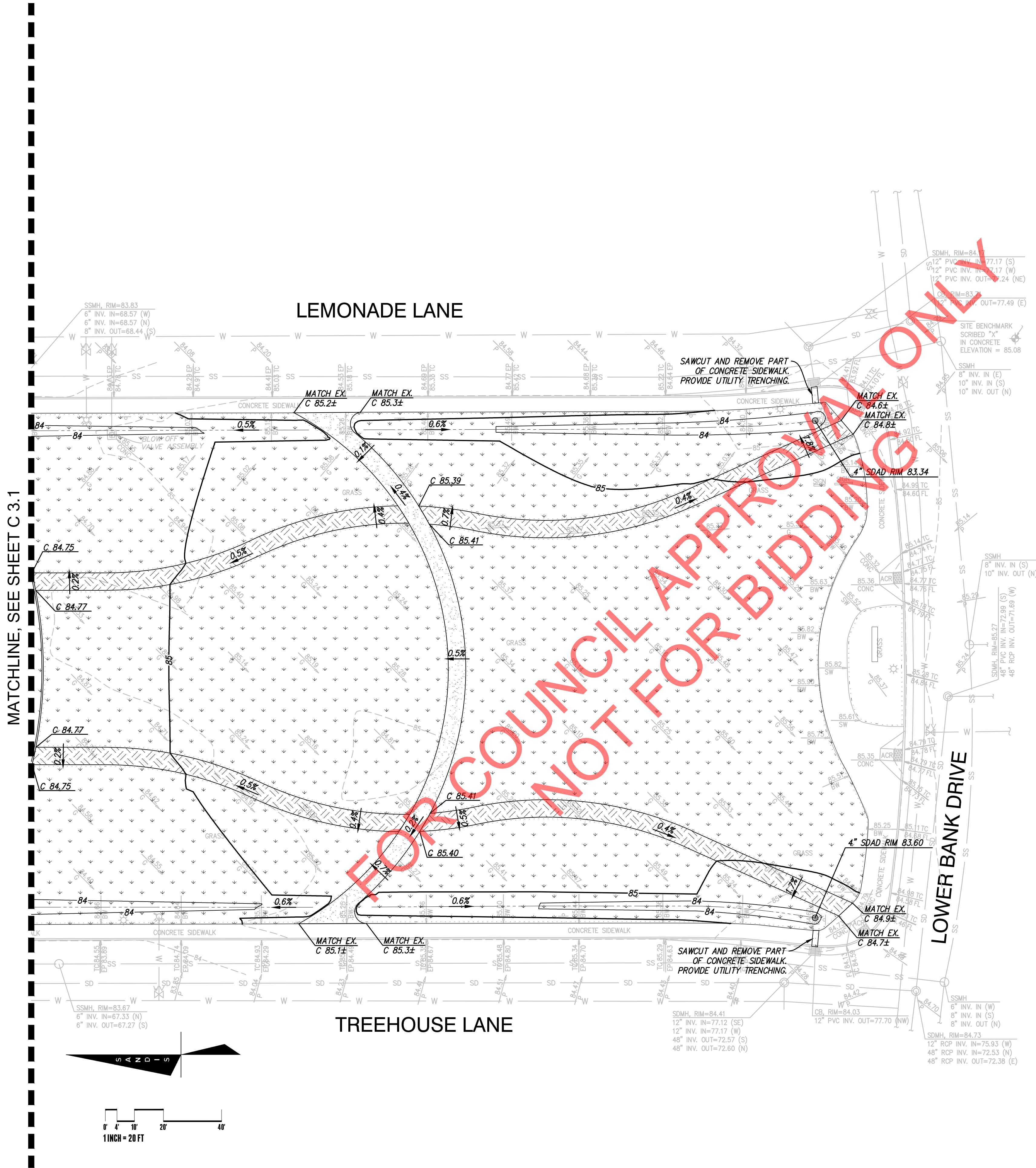
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GRADING AND
DRAINAGE PLAN

C3.2



LEGEND

- SAWCUT LINE
- FLOW LINE
- GRADE BREAK
- CONTOURS
- CONCRETE SIDEWALK (PK-31 C6.0)
- PLANTING. SEE LANDSCAPE PLANS FOR DETAILS
- BIO-TREATMENT AREA (TR1-18 C6.1)
- PLAYGROUND. SEE LANDSCAPE PLANS FOR DETAILS
- COMPACTED EARTH PATH. SEE LANDSCAPE PLANS FOR DETAILS
- DECOMPOSED GRANITE PATH. SEE LANDSCAPE PLANS FOR DETAILS



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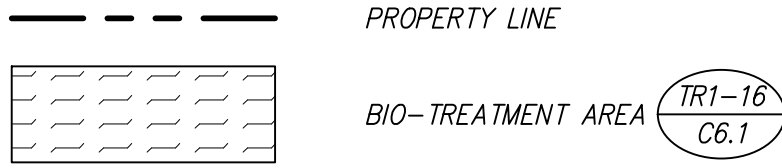
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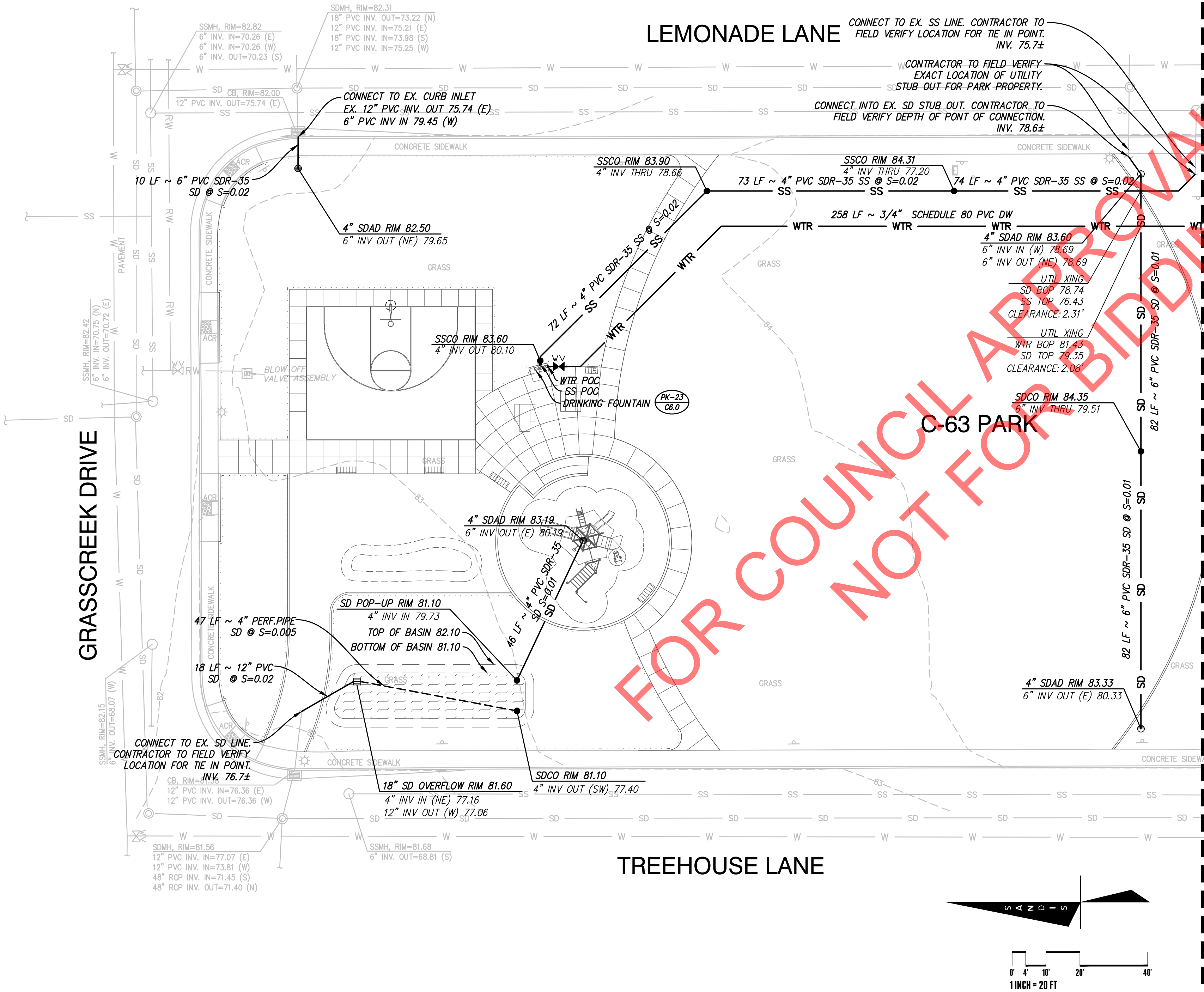
UTILITY PLAN

LEGEND



STORM DRAIN NOTES

1. PRIVATE STORM DRAIN LINE 4-INCH THROUGH 12-INCH WITH A MINIMUM OF TWO (2) FEET OF COVER IN NON-TRAFFIC AREAS SHALL BE POLYVINYL CHLORIDE (PVC) SDR 35 GREEN PIPE AND SHALL CONFORM TO THE REQUIREMENTS OF ASTM DESIGNATION D 3034-73 WITH BELLS AND SPIGOT CONNECTIONS. ALL DIRECTION CHANGES SHALL BE MADE WITH WYE CONNECTIONS, 22.5° ELBOWS, 45° ELBOWS OR LONG SWEEP ELBOWS, 90° ELBOWS AND TEE'S ARE PROHIBITED.
2. PRIVATE STORM DRAIN LINE 6-INCH THROUGH 12-INCH WITH LESS THAN THREE (3) FEET OF COVER IN VEHICULAR TRAFFIC AREAS SHALL BE POLYVINYL CHLORIDE (PVC) C900, RATED FOR 150 PSI CLASS PIPE. PROVIDE AND INSTALL "STORM DRAIN" MARKER TAPE FOR THE ENTIRE LENGTH OF PIPE TRENCH. ALL DIRECTION CHANGES SHALL BE MADE WITH WYE CONNECTIONS, OBTUSE ELBOWS OR LONG SWEEP ELBOWS, 90° ELBOWS AND TEE'S ARE PROHIBITED.
3. ALL AREA DRAINS AND CATCH BASINS GRATES WITHIN PEDESTRIAN ACCESSIBLE AREAS SHALL MEET ADA REQUIREMENTS.
4. ALL TRENCHES SHALL BE BACK FILLED PER THE SPECIFICATIONS WITH APPROPRIATE TESTS BY THE GEOTECHNICAL ENGINEER TO VERIFY COMPACTION VALUES.
5. FOR GRAVITY FLOW SYSTEMS CONTRACTOR SHALL VERIFY (POTHOLE IF NECESSARY) SIZE, MATERIAL, LOCATION AND DEPTH OF ALL SYSTEMS THAT ARE TO BE CONNECTED TO OR CROSSED PRIOR TO THE TRENCHING OR INSTALLATION OF ANY GRAVITY FLOW SYSTEM.
6. DRAINS SHOWN ON CIVIL PLANS ARE NOT INTENDED TO BE THE FINAL NUMBER AND LOCATION OF ALL DRAINS. PLACEMENT AND NUMBER OF LANDSCAPING DRAINS ARE HIGHLY DEPENDENT ON GROUND COVER TYPE AND PLANT MATERIAL. CONTRACTOR SHALL ADD ADDITIONAL AREA DRAINS AS NEEDED AND AS DIRECTED BY THE LANDSCAPE ARCHITECT.
7. INSTALL SEPARATE SUB-DRAIN SYSTEM BEHIND RETAINING WALLS PER GEOTECHNICAL REPORT AND CONNECT TO STORM DRAIN SYSTEM AS SHOWN ON PLANS.
8. ALL DOWN SPOUTS SHALL DISCHARGE DIRECTLY ON TO ADJACENT PERVIOUS SURFACES OR SPLASH BLOCKS UNLESS OTHERWISE NOTED ON PLANS. SEE ARCHITECTURE PLANS FOR EXACT LOCATION OF THE DOWN SPOUTS.



MATCHLINE, SEE SHEET C 4.2



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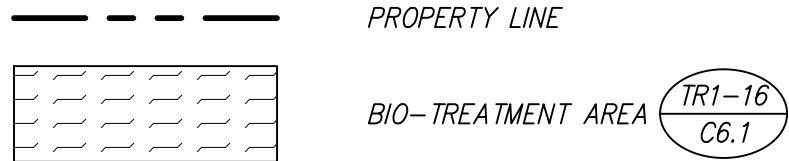
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UTILITY PLAN

C4.2

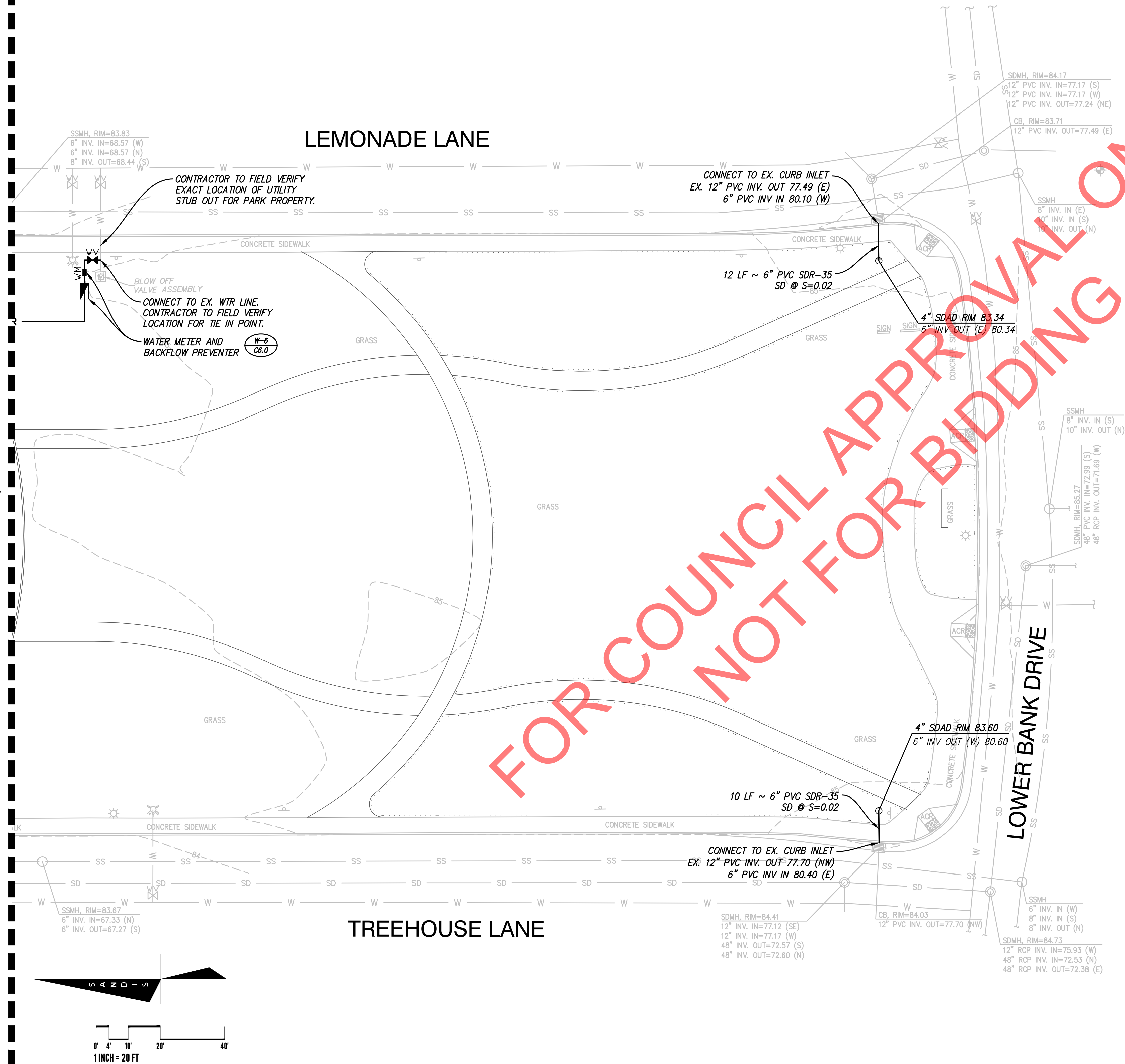
LEGEND



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MATCHLINE, SEE SHEET C 4.1





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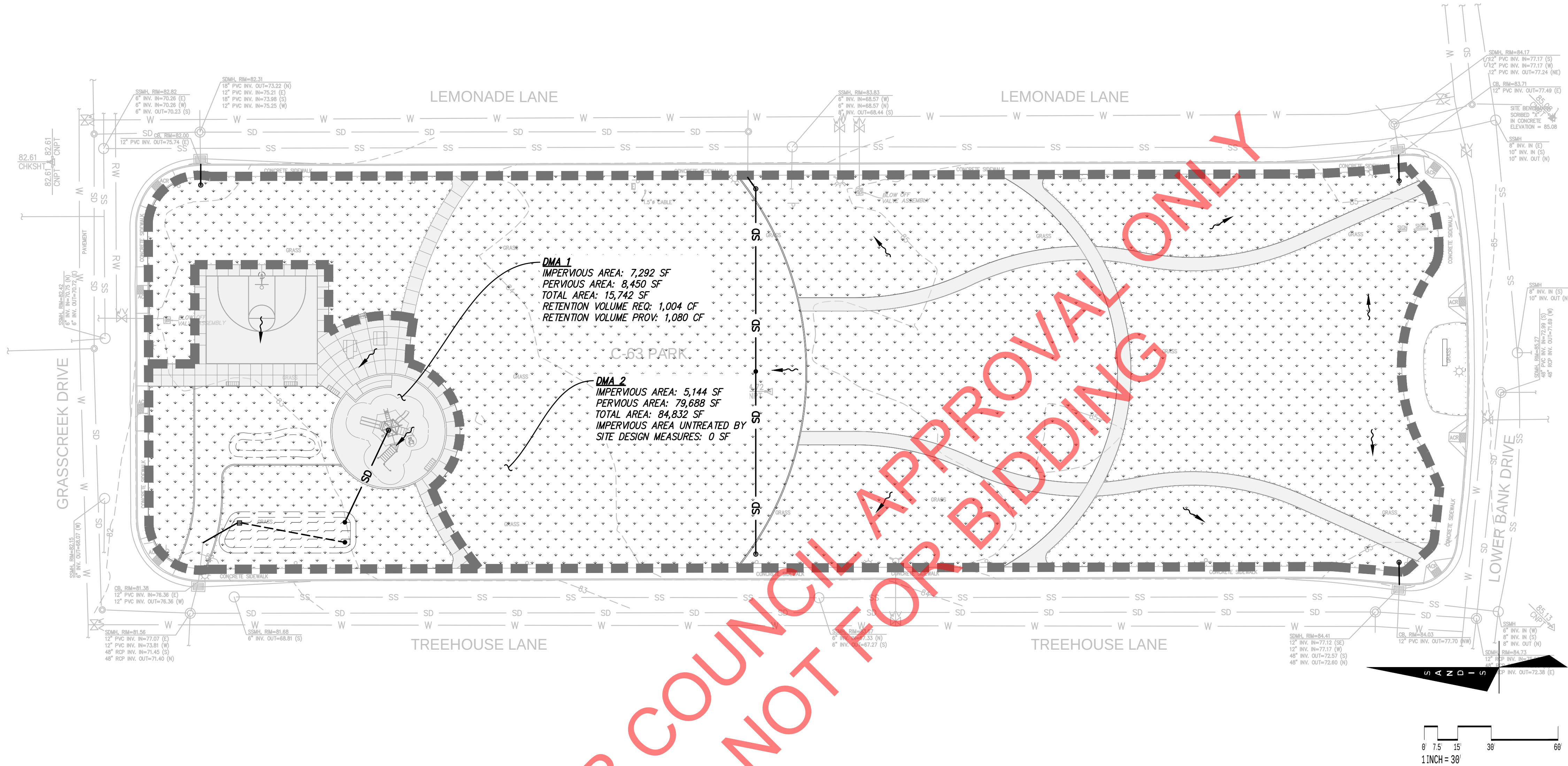
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STORMWATER
MANAGEMENT
PLAN

C5.1



STORMWATER
MANAGEMENT PLAN LEGEND

- PROPOSED PERVIOUS AREA
- PROPOSED IMPERVIOUS AREA
- BIO-RETENTION AREA (RI-16 C6.1)
- DRAINAGE AREA BOUNDARY
- FLOW DIRECTION

HYDROMODIFICATION NOTE:

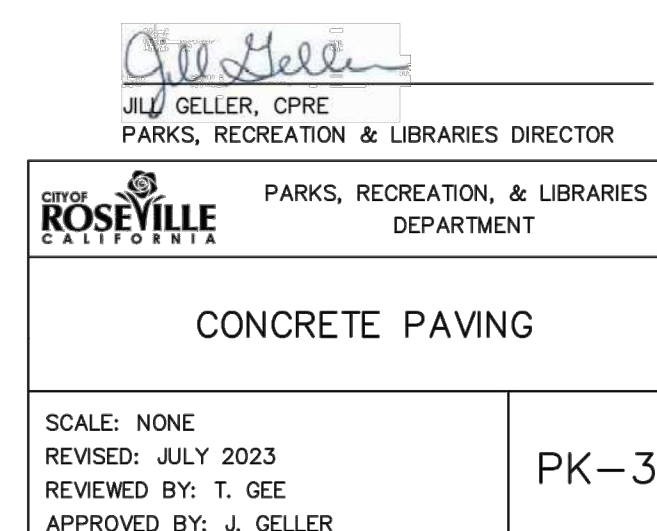
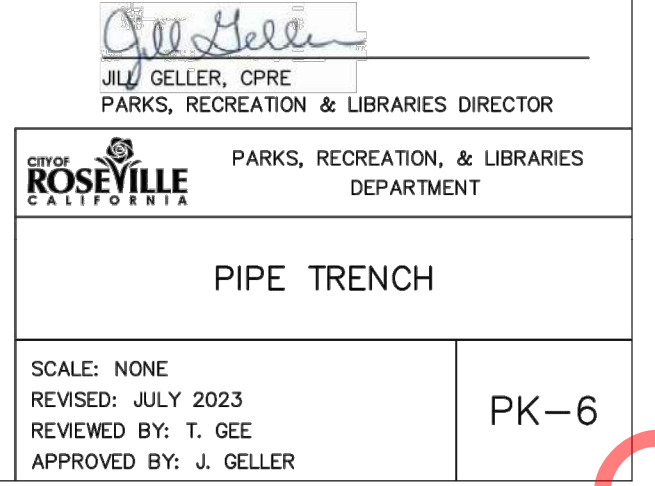
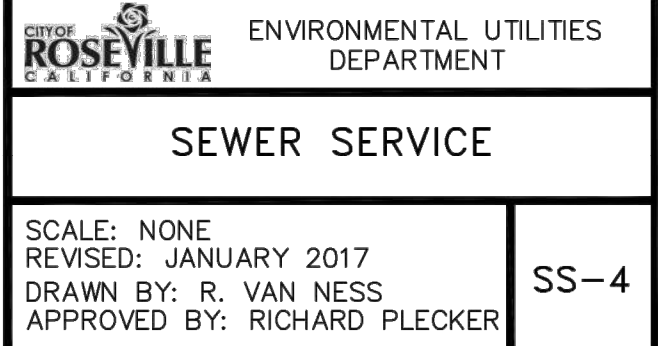
THE PROJECT IS EXEMPT FROM HYDROMODIFICATION REQUIREMENTS PER THE CITY OF ROSEVILLE C.3 TECHNICAL GUIDANCE DOCUMENT. THE PROJECT IS EXEMPT FROM HYDROMODIFICATION DUE TO IMPERVIOUS AREA ADDED OR REPLACED BEING LESS THAN 1 ACRE.

STORMWATER MANAGEMENT NOTES:

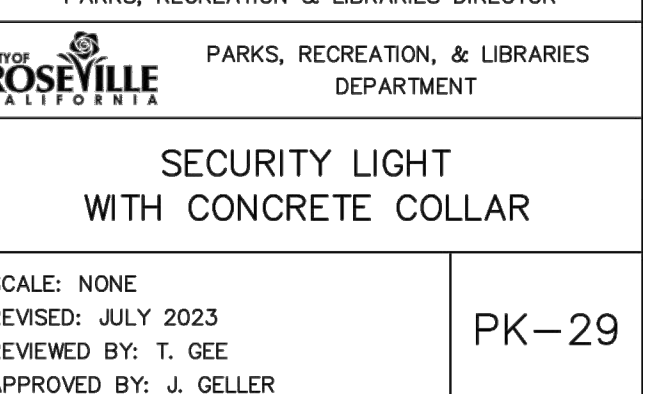
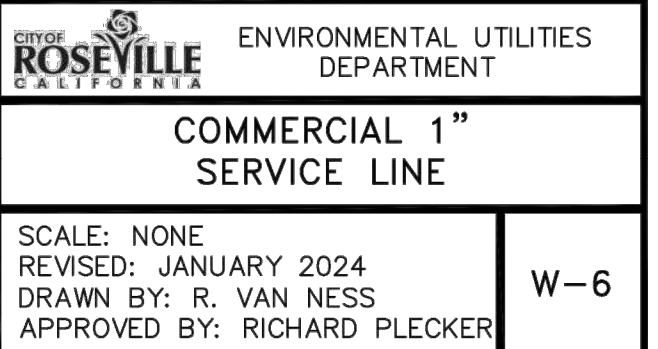
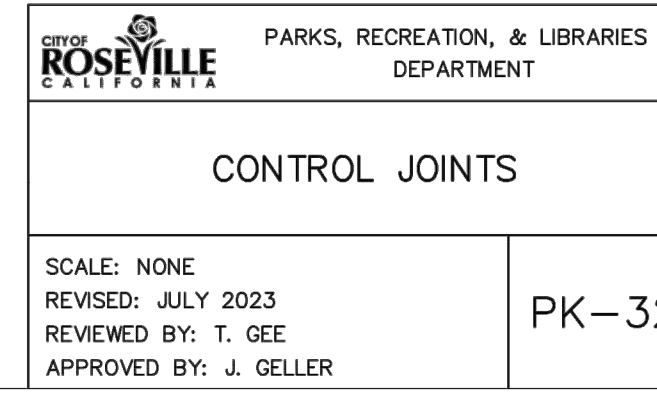
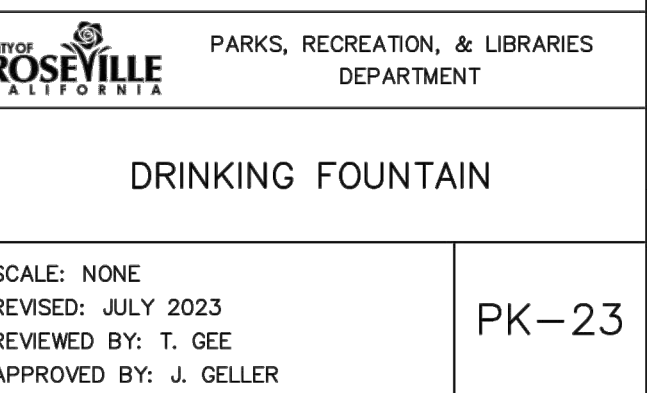
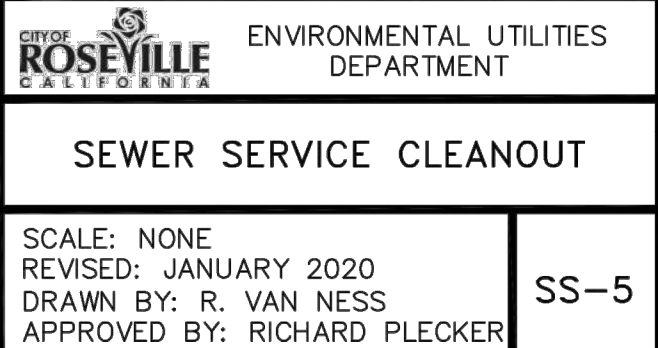
- THIS PLAN PRESENTS METHODS AND CALCULATIONS FOR COMPLYING WITH THE REQUIREMENTS OF PROVISION C.3 OF THE MUNICIPAL REGIONAL STORMWATER PERMIT IN ACCORDANCE WITH THE WEST PLACER PROGRAM AND THE CITY OF ROSEVILLE REQUIREMENTS.
- THE FOLLOWING TREATMENT MEASURES ARE PROPOSED TO REGULATE THE QUALITY OF STORM WATER LEAVING THE SITE
 - BIO-RETENTION AREA - RUNOFF IN THIS AREA IS DIRECTED TO A BIO-RETENTION PLANTER/AREA FOR FILTRATION, INFILTRATION AND EVAPOTRANSPIRATION PRIOR TO EXISTING THE SITE. PLANTING AND SOIL REQUIREMENTS APPLY, SEE DETAIL

1. ALL SERVICE LINES SHALL BE 4" FOR RESIDENTIAL AND 6" FOR COMMERCIAL UNLESS OTHERWISE NOTED.
2. SERVICES SHALL HAVE SAME BEDDING AND BACKFILL AS LATERAL SEWER.
3. CONTRACTOR SHALL USE THE MOST APPROPRIATE TYPE CONNECTION (A OR B) FOR THE PARTICULAR SITUATION ENCOUNTERED.
4. SERVICE SEWER SHALL HAVE MINIMUM 3'-0" COVER AT PROPERTY LINE WHENEVER LATERAL DEPTH AND SERVICE SEWER SLOPE OF 1/4" PER FOOT (MINIMUM) PERMIT, SEE NOTE 10.
5. WHEN THE LATERAL SEWER DEPTH IS SUCH THAT MINIMUM COVER AT PROPERTY LINE CANNOT BE MET, THE MINIMUM COVER OF 1/4" PER FOOT SHALL GOVERN THE COVER.
6. MIN. SPECIFIED COVER AT THE PROPERTY LINE SHALL BE MEASURED FROM EXISTING GROUND SURFACE OR EDGE OF ADJACENT ROADWAY WHICHEVER IS LOWER.

7. A SPECIFIC ELEVATION AT THE PROPERTY LINE, WHEN SHOWN ON THE PLANS OR DESIGNATED BY THE ENGINEER, SHALL GOVERN. METER FITTING SHALL BE MAX. 45".
8. MINIMUM DEPTH OF COVER SHALL BE INCREASED TO 4'-6" WHERE A WATER MAIN IS TO BE INSTALLED AT BACK OF SIDEWALK AS PART OF THE SUBDIVISION IMPROVEMENTS. IN SUCH CASES, THE SERVICE SHALL BE EXTENDED TO A MINIMUM OF 7" BACK OF SIDEWALK; CLEANOUT TO GRADE SHALL REMAIN AT SIDEWALK.
9. SEWER SERVICES ORIGINATING FROM SEWER MAINS 14" AND GREATER IN DEPTH SHALL HAVE THE CROTH OF THE VOP "WYE" FITTING FILLED WITH CONCRETE.
11. UNDERGROUND CONTRACTOR SHALL END SEWER SERVICE 2'-3" UPSTREAM OF SEWER CLEANOUT. SEE STANDARD DETAIL SS-5.



- 1) INSTALL DRAINAGE NON-TRAFFIC TYPE CONCRETE VALVE BOX & COVER MARKED "SEWER" IN A NON - TRAFFIC AREA. INSTALL METAL LID MARKED "SEWER" IN AREAS WITH POTENTIAL TRAFFIC. VALVE BOX SHALL BE 18" DIA. IN NON TRAFFIC AREAS.
- 2) 3" VCP STUB SHALL BE INSTALLED UPSTREAM OF CLEANDOUT. 8" VCP SHALL BE INSTALLED WHERE SEWER SERVICE ENTERS DIVER JOINT UTILITY TRENCH. VALVE BOX TO BE FREE OF ALL DIRT AND READY AT TIME OF PRE-FINAL INSPECTION.
- 4) SERVICES OVER 100' LONG AND COMMERCIAL SERVICE REQUIRE A MIN. 6" CLEANDOUT WITH 6" FITTINGS. THE CLEANDOUT BOX SHALL BE A 6-8 BOX FOR 4" RISER AND A 6-16 BOX FOR 8" RISER. CONSTRUCT PER V-16.
- 5) CONNECTION TO MAIN SHALL BE WITH A FACTORY VYE OR AT A MANHOLE.
- 6) THE CLEANDOUT RISER SHALL BE INSTALLED 12" ABOVE GRADE PRIOR TO BUILDING CONSTRUCTION
- 7) BUILDING CONTRACTOR SHALL SET BOX TO FINISH GRADE AND INSTALL AN 18" DIA. 6" BELOW THE SURF. PRIOR TO BUILDING PRE-FINAL.
- 8) BACKWATER VALVE IF REQUIRED SHALL BE INSTALLED BY THE BUILDING CONTRACTOR



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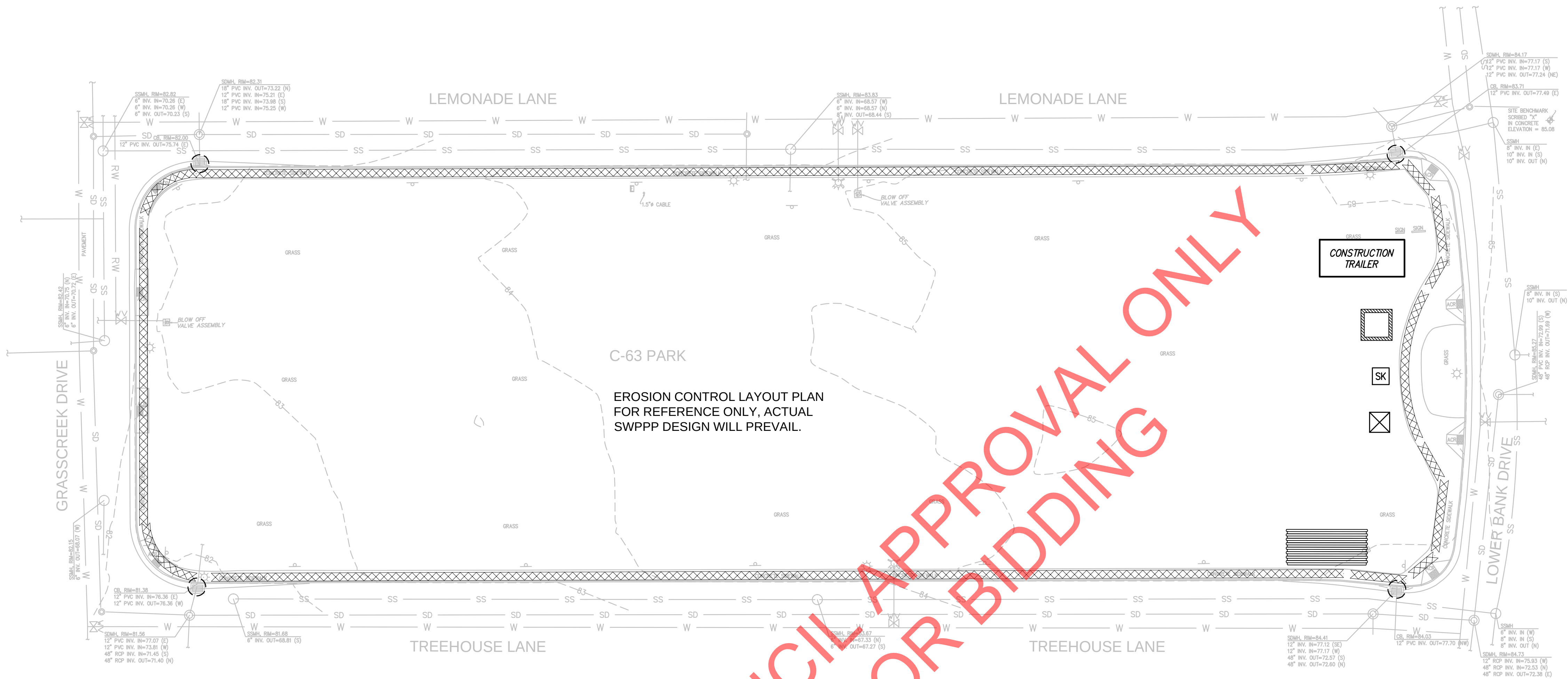
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EROSION
CONTROL PLAN

C7.1



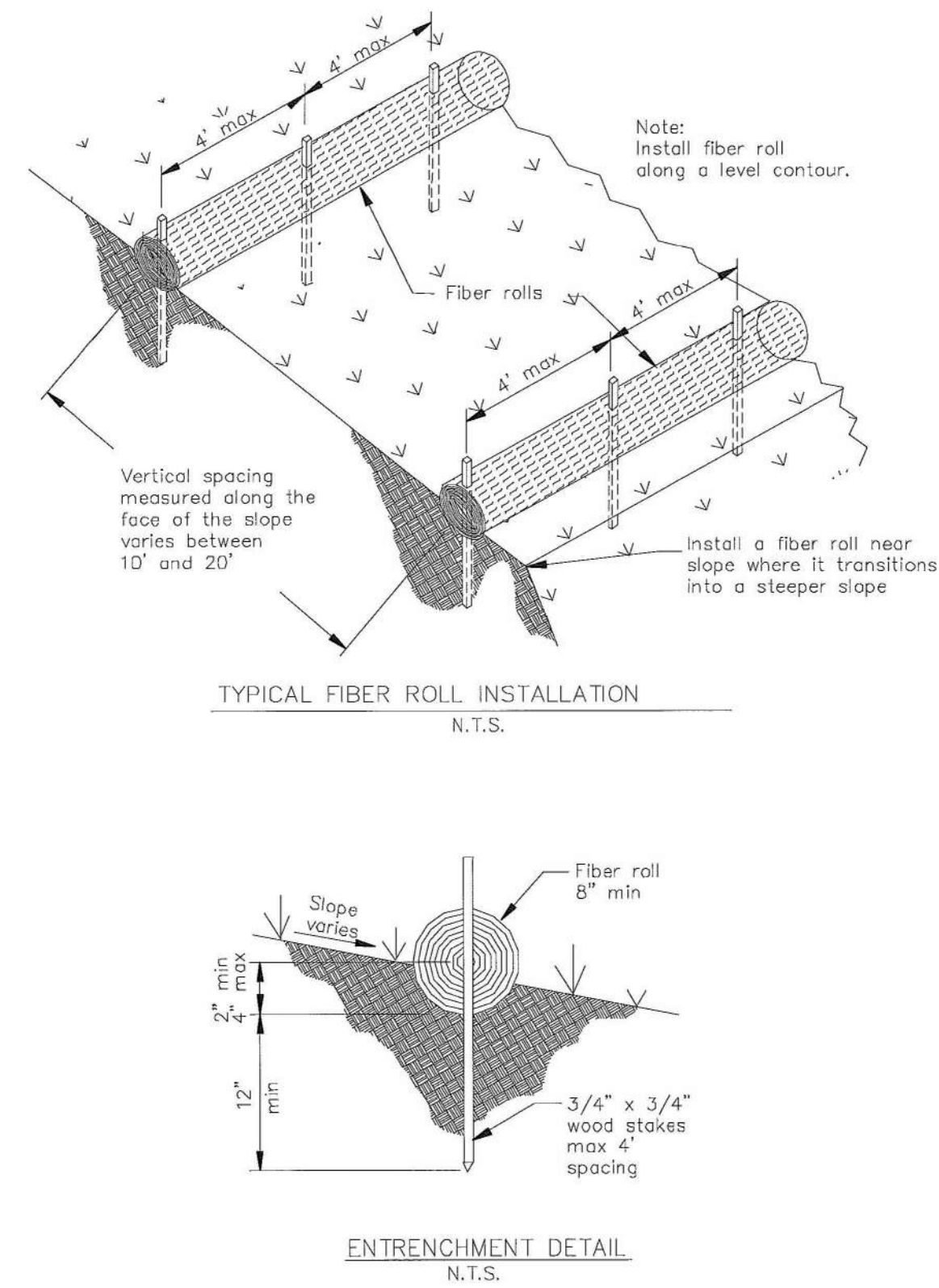
LEGEND

	STABILIZED EXIT (TC-1 CB.1)
	CONCRETE WASHOUT
	SPILL KIT
	PORTABLE RESTROOM
	CONSTRUCTION TRAILER
	PATH OF SURFACE DRAINAGE
	FIBER ROLL (SE-5 CB.1)
	INLET PROTECTION (SE-10 CB.1)

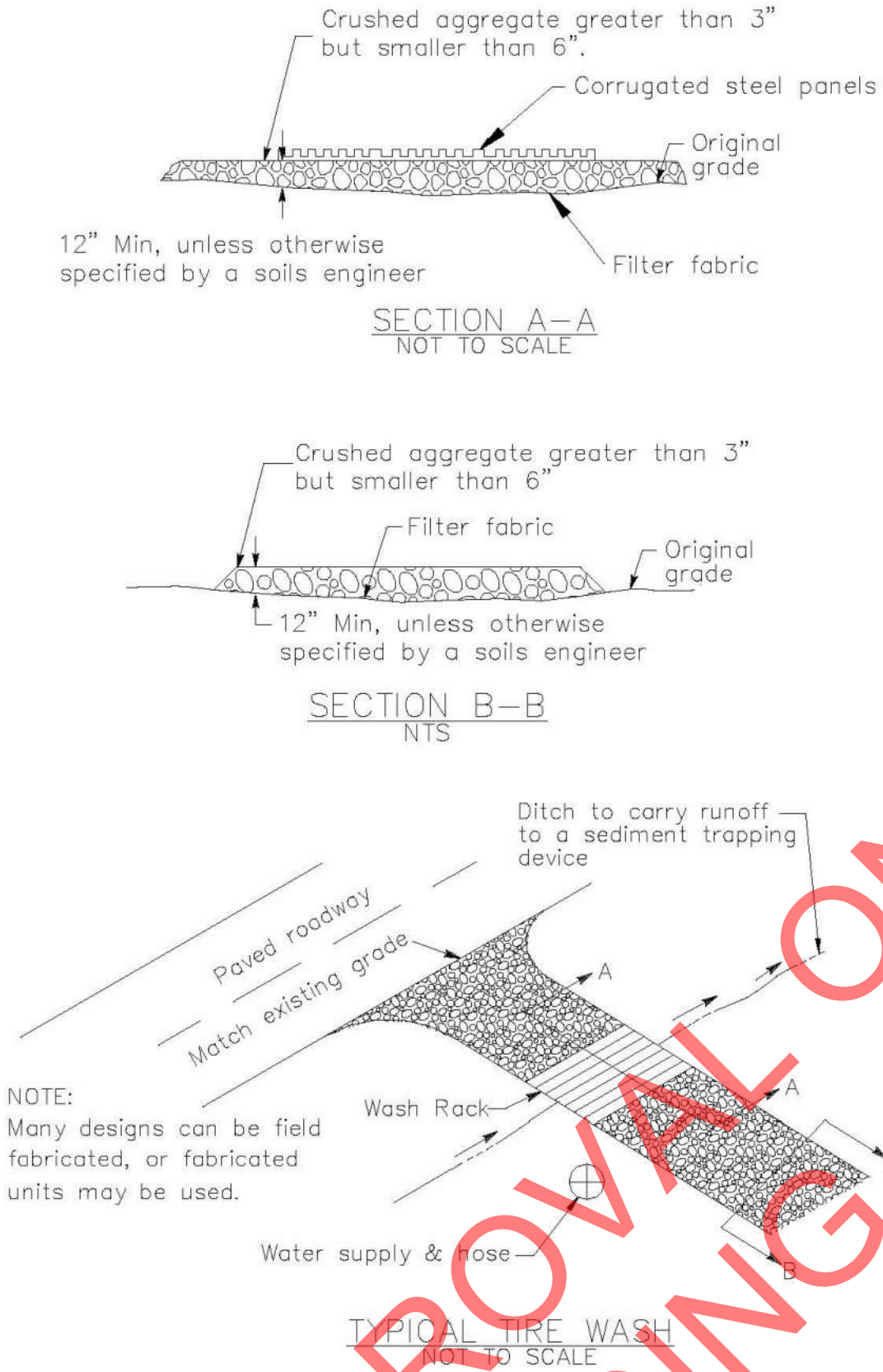
WATER POLLUTION CONTROL NOTES:

- TEMPORARY CONSTRUCTION ENTRANCE/EXIT LOCATION SHOWN IS APPROXIMATE. CONTRACTOR TO PROVIDE LOCATION WHERE APPROPRIATE.
- THIS PLAN REPRESENTS POSSIBLE WATER POLLUTION CONTROL MEASURES INCLUDING EROSION CONTROL AND SEDIMENT CONTROL.
- EXISTING SURFACES SHALL BE UNDISTURBED TO THE EXTENT PRACTICAL.
- GROUND WATER SHALL NOT BE DISCHARGED WITH STORM WATER. GROUND WATER DEWATERING OPERATIONS SHALL BE COORDINATED AS NEEDED WITH OWNER.
- CONTRACTOR SHALL PROVIDE EFFECTIVE SOIL COVER FOR AREAS OF CONSTRUCTION ACTIVITY THAT HAVE BEEN DISTURBED AND ARE NOT SCHEDULED TO BE ACTIVE FOR AT LEAST 14 DAYS.
- ALL EROSION CONTROL AND SEDIMENT CONTROLS TO BE OBTAINED INSTALLED AND MAINTAINED AS REQUIRED IN PROJECT SWPPP.
- CONTRACTOR TO INSTALL RUN-ON AND RUN-OFF CONTROL MEASURES ACCORDING TO PLANS OR AS NECESSARY TO ENSURE SEDIMENT IS NOT TRANSPORTED FROM SITE.
- CONTRACTOR TO PROVIDE BACK-UP EROSION PREVENTION MEASURES (SOIL STABILIZATION) WITH SEDIMENT CONTROL MEASURES SUCH AS STRAW WATTLES, SILT FENCE, GRAVEL INLET FILTERS, AND/OR SEDIMENT TRAPS OR BASINS. ENSURE CONTROL MEASURES ARE ADEQUATE, IN PLACE, AND IN OPERABLE CONDITIONS. SEDIMENT CONTROLS, INCLUDING INLET PROTECTION, ARE NECESSARY BUT SHOULD BE A SECONDARY DEFENSE BEHIND GOOD EROSION CONTROL MEASURES.
- STOCKPILE LOCATION(S) TO BE DETERMINED BY THE CONTRACTOR. COORDINATE WITH SITE QSP.
- ALL CONCRETE TRUCKS TO USE CHUTE WASH BUCKETS FOR CONCRETE RINSE. ALL CONCRETE PUMPS TO CAPTURE CONCRETE RINSE IN SECONDARY CONTAINMENT AND PROPERLY DISPOSE.
- STREET SWEEPING SHALL BE CHECKED DAILY TO ENSURE DEPOSITED SEDIMENT AND DEBRIS DOES NOT ENTER THE STORM DRAIN SYSTEM. USE REGENERATIVE VACUUM STREET CLEANER TO MITIGATE AIR AND WATER POLLUTION.
- RUNOFF THAT HAS CONTACTED AMENDED SOIL AREAS SHALL NOT BE ALLOWED TO LEAVE THE SITE OR ENTER THE STORM DRAIN SYSTEM.

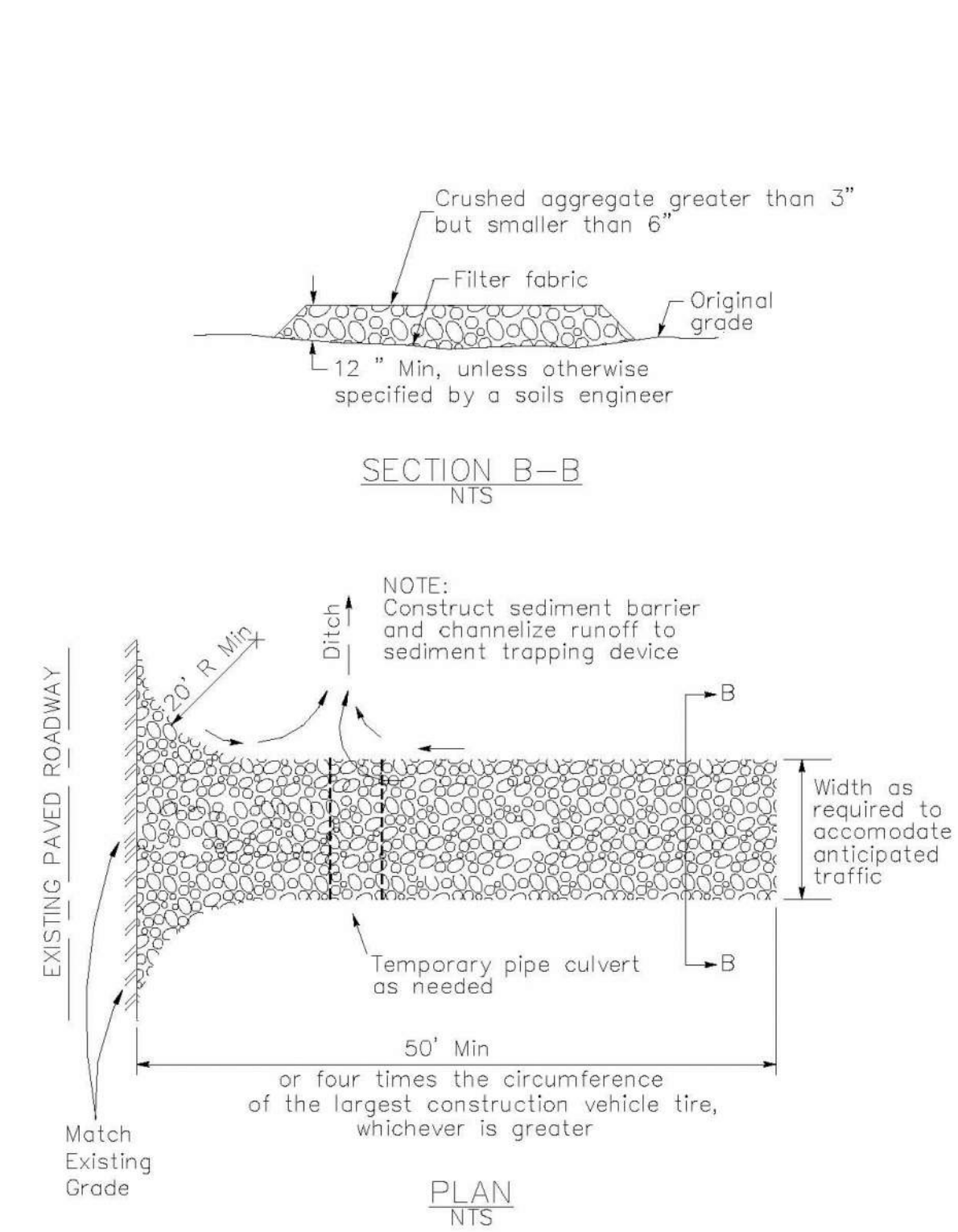
Fiber Rolls SE-5



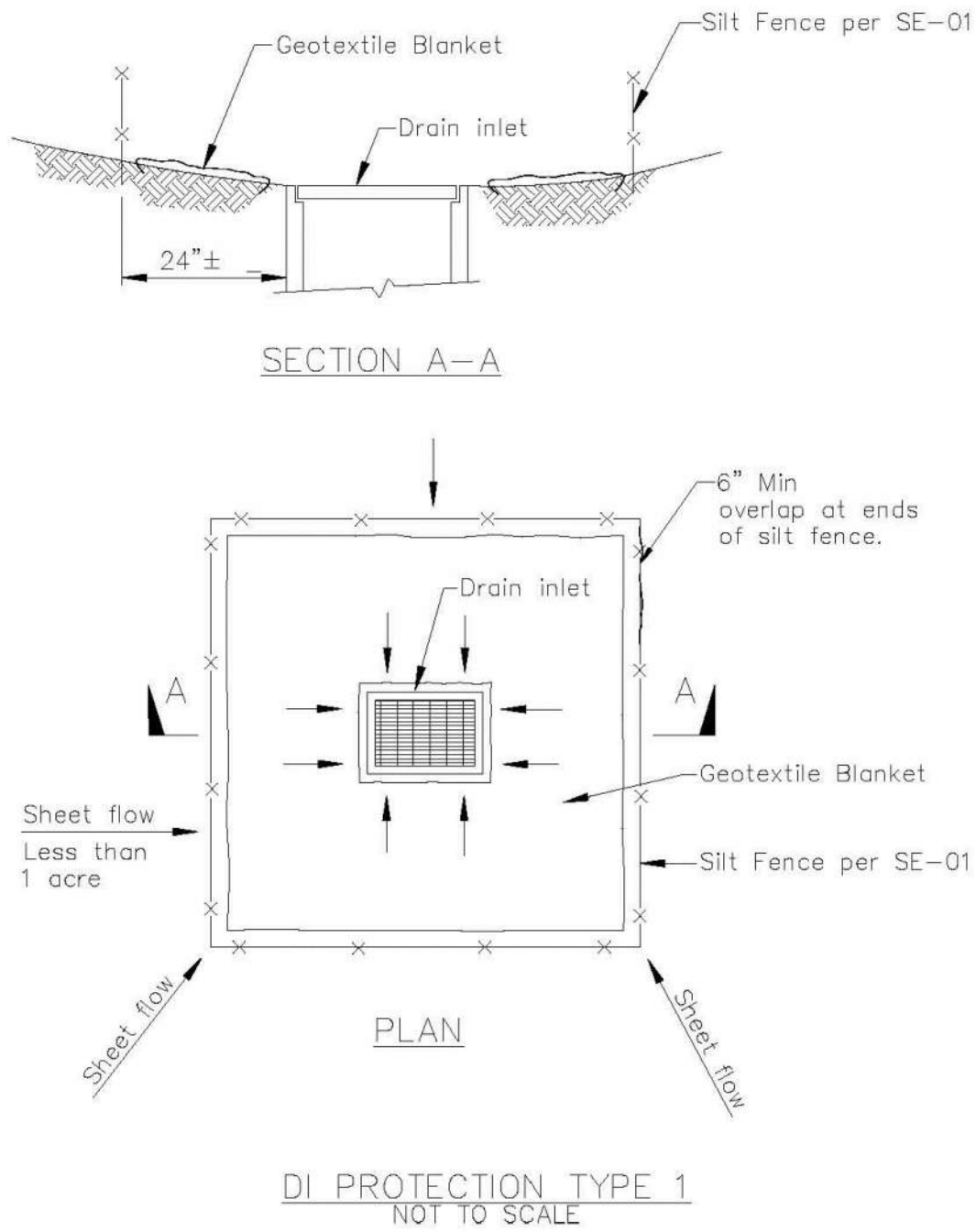
Entrance/Outlet Tire Wash TC-3



Stabilized Construction Entrance/Exit TC-1



SE-10 Storm Drain Inlet Protection



- NOTES:
1. For use in areas where grading has been completed and final soil stabilization and seeding are pending.
 2. Not applicable in paved areas.
 3. Not applicable with concentrated flows.



GATES
+ASSOCIATES
LANDSCAPE ARCHITECTURE
LAND PLANNING - URBAN DESIGN
1655 N. MAIN ST. STE 365, WALNUT CREEK, CA 94596
T 925.736.8176 www.dgates.com

C-63 PARK

GRASSCREEK DR AND
LEMONADE LANE
ROSEVILLE
CA

ISSUE: DESCRIPTION: DATE:

NOT FOR
CONSTRUCTION

PROJECT NUMBER:
DRAWN:
CHECK:
DATE:
SCALE:



EROSION
CONTROL
DETAILS

C8.1

LAYOUT NOTES

1. CONTRACTOR SHALL VERIFY ALL UTILITIES, GRADES, EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO COMMENCING WORK. ALL DISCREPANCIES OR QUESTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR RESOLUTION.
2. ALL WRITTEN DIMENSIONS SUPERCEDE ALL SCALED DISTANCES AND DIMENSIONS. DIMENSIONS SHOWN ARE FROM THE FACE OF THE BUILDING, WALL, BACK OF CURB, EDGE OF WALK, PROPERTY LINE, OR CENTERLINE OF COLUMN UNLESS OTHERWISE NOTED ON THE DRAWINGS.
3. ALL DIMENSIONS AT BUILDING ARE TO FACE OF BUILDING. ALL DIMENSIONS AT ROADWAY ARE TO FACE OF CURB.
4. ALL ANGLES ARE 45 DEGREE, 90 DEGREE, OR 135 DEGREE UNLESS OTHERWISE NOTED.
5. ALL CURVES AND ALL TRANSITIONS BETWEEN CURVES AND STRAIGHT EDGES SHALL BE SMOOTH.
6. ALL RETURN RADII AND CURB DATA ARE TO FACE OF CURB.
7. WHENEVER BOTTOM OF WALL (BW) ELEVATION IS GIVEN, IT IS FINISH PAVEMENT OR GRADE ELEVATION AT FACE OF WALL.
8. SCORE LINES IN SIDEWALKS SHALL BE SPACED TO EQUAL THE WIDTH OF THE WALKWAY, UNLESS OTHERWISE SHOWN. EXPANSION JOINTS IN SIDEWALKS SHALL BE 20' ON CENTER MAXIMUM.
9. EXPANSION JOINTS IN CONCRETE WALLS SHALL BE AT 40' O.C. MAXIMUM.
10. BUILDING LAYOUT AND LOCATION, SIDEWALK, CURB AND GUTTER, GRADING AND DRAINAGE IS BASED ON DRAWINGS PREPARED BY THE ARCHITECT AND THE CIVIL ENGINEER.
11. STATIONING HEREON IS ALONG CONSTRUCTION CENTERLINE UNLESS OTHERWISE SHOWN OR INDICATED.
12. ANY EXTRA CONSTRUCTION STAKING NECESSITATED SOLELY BY THE CONTRACTOR'S NEGLIGENCE WILL BE CHARGED TO THE CONTRACTOR ON A TIME AND EXPENSES BASIS AND PAID FOR BY THE CONTRACTOR.
13. SEE IRRIGATION DRAWINGS FOR GENERAL SYSTEM REQUIREMENTS AND FOR LOCATION OF IRRIGATION MAINLINE PIPING. SLEEVES TO ACCOMMODATE IRRIGATION PIPING, SIZED AS NEEDED, SHALL BE IN PLACE UNDER AND THROUGH SLABS AND WALLS, PRIOR TO POURING.
14. PROVIDE CONTINUOUS HEADERS AT THE EDGES OF ALL AC PAVING, SHRUB AREAS, LAWN AREAS, DECOMPOSED GRANITE WHERE IT IS NOT CONSTRAINED BY A CONCRETE PAVING OR MOW BAND.
15. ALL CONCRETE PAVEMENTS SHALL BE DOWELED INTO CURBS, SIDEWALKS, AND BUILDING FOUNDATIONS.
16. REFER TO GEOTECHNICAL REPORT FOR ADDITIONAL INFORMATION, SECTIONS, REINFORCEMENT, AND PREPARATION. IN CASE OF DISCREPANCY THE GEOTECHNICAL REPORT SHALL GOVERN.
17. ALL TYPICAL DETAILS SHALL APPLY UNLESS NOTED OTHERWISE.
18. ANY AND ALL WORK WITHIN CITY RIGHT OF WAY SHALL CONFORM TO ALL CITY STANDARD DETAILS AND SPECIFICATIONS.
19. CONCRETE FOOTINGS INSTALLED FOR ALL SITE FURNISHINGS, SPORTS EQUIPMENT, ETC. IN DECORATIVE PAVEMENT. ASPHALT PAVING, DECOMPOSED GRANITE, CONCRETE PAVING, AND PLANTERS SHALL BE HELD BELOW GRADE.
20. ALL EXISTING ITEMS TO REMAIN SHALL BE PROTECTED AS REQUIRED. ANY DAMAGED ITEMS SHALL BE FULLY REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE TO THE FULL SATISFACTION OF THE OWNER.
21. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH SUBCONTRACTORS AS REQUIRED TO ACCOMPLISH OPERATIONS.
22. ALL LINEAR QUANTITIES AND PAY ITEMS ARE AND WILL BE BASED ON HORIZONTAL MEASUREMENTS.
23. ALL PATTERNS, LINE TYPES, AND SYMBOLS SHOWN WITHIN THE PLAN SET REFERENCE THE LAYOUT LEGEND AND ARE PART OF THE SCOPE OF WORK. CALLOUTS ARE SHOWN FOR CLARIFICATION OF WORK, BUT DO NOT INDICATE EVERY AND ALL INSTANCES OF SUCH WORK. THE CONTRACTOR SHALL REQUEST CLARIFICATION TO ANY ITEMS (INCLUDING BUT NOT LIMITED TO PAVING, WALLS, FINISHES, COLORS, FENCING, FOUNTAINS, POTS, AND SITE FURNITURE) NOT CLEARLY IDENTIFIED TO BE PART OF THE SCOPE OF WORK PRIOR TO BID.
24. THE CONTRACT DRAWINGS MUST BE ACCOMPANIED BY CONTRACT SPECIFICATIONS. THE CONTRACTOR MUST CONTACT THE LANDSCAPE ARCHITECT AT 925-736-8176 FOR SPECIFICATIONS IF NOT RECEIVED.
25. THE CONTRACTOR IS RESPONSIBLE FOR ALL WORK AND MATERIALS OF THE CONTRACT DOCUMENTS INCLUDING ALL WORK AND MATERIALS PROVIDED BY SUBCONTRACTORS. ALL QUALIFICATIONS OF THE CONTRACT DOCUMENTS INCLUDING ALL SPECIFIC EXCLUSIONS OF ANY WORK, DETAILS, MATERIALS, AND INCIDENTALS SHALL BE CONFIRMED AND ACCEPTED IN WRITING BY THE CONTRACTOR AND OWNER UPON FINALIZATION OF BIDS AND CONTRACT. THE LANDSCAPE ARCHITECT SHALL BE NOTIFIED OF ALL QUALIFICATIONS AND NOTIFICATIONS.

SUBMITTAL AND MOCK UP NOTES

PAVING

1. CONTRACTOR SHALL SUBMIT MOCK UPS PER SPECS FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.

LAYOUT LEGEND

PAVING SCHEDULE

SYMBOL	NAME	DETAIL	DESCRIPTION/ MANUFACTURER	COLOR AND FINISH
	PEDESTRIAN CONCRETE PAVING	1/L4.2		COLOR: STANDARD GRAY FINISH: MEDIUM BROOM
	ENGINEERED WOOD FIBER	4/L4.2		
	DECOMPOSED GRANITE PAVING	3/L4.2		
	COMPACTED EARTH			

SITE FURNISHING SCHEDULE

SYMBOL	NAME	DETAIL	DESCRIPTION/ MANUFACTURER	COLOR AND FINISH
	BENCH A	1/L4.3	MFR: MYTCOAT MODEL: 6'BENCH WITH BACK PERFORATED, INDUSTRY STANDARD COATING, SURFACE MOUNT	COLOR: BY CITY
	BENCH B	1/L4.3	MFR: MYTCOAT MODEL: 6'BENCH WITHOUT BACK PERFORATED, INDUSTRY STANDARD COATING, SURFACE MOUNT	COLOR: BY CITY
	PICNIC TABLE A	1/L4.3	MFR: MYTCOAT MODEL: 6' TABLE PERFORATED, INDUSTRY STANDARD COATING, SURFACE MOUNT	COLOR: BY CITY
	PICNIC TABLE B	1/L4.3	MFR: MYTCOAT MODEL: 6' TABLE - ACCESSIBLE PERFORATED, INDUSTRY STANDARD COATING, SURFACE MOUNT	COLOR: BY CITY
	DRINKING FOUNTAIN	4/L4.3	MFR: MDF MODEL: 10145 SM	COLOR: BY CITY
	PARK SIGN	2/L4.3	PER CITY STANDARD	
	BASKETBALL GOAL		MFR: PATTERSON WILLIAMS MODEL: 1513-26-44 #29 BACKBOARD PERIMETER, #35 NET, #26 1/4" RECTAANGULAR HEAVY-DUTY SOLID STEEL, POWDERCOATED BACKBOARD WITH #29 PERIMETER	
	PLAY STRUCTURE		MFR: TBD	

SYMBOLS LEGEND

SYMBOL	NAME
	PLANTING AREA
	HYDROSEED
	STORMWATER TREATMENT AREA
	SCORE LINE
	LIMIT OF WORK
	POINT OF BEGINNING
	CENTER LINE
	FLUSH/ ALIGN



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C-63 PARK

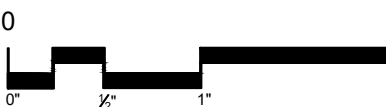
GRASSCREEK DR AND
LEMONADE LANE
ROSEVILLE
CA

ISSUE: DD SET 9/12/2024
DESCRIPTION: 99% CD 12/20/2024
DATE:

NOT FOR
CONSTRUCTION



PROJECT NUMBER: P6274
DRAWN: TF
CHECK: CC/EG
DATE: 12/20/2024
SCALE:



LAYOUT NOTES AND
LEGEND

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PLANTING NOTES

GENERAL

- ALL WORK SHALL BE PERFORMED BY PERSONS FAMILIAR WITH PLANTING WORK AND UNDER THE SUPERVISION OF A QUALIFIED PLANTING FOREMAN.
- ALL QUANTITIES AND PLANT COUNTS ARE FOR THE CONVENIENCE OF THE CONTRACTOR. IN CASE OF DISCREPANCIES, THE PLAN SHALL GOVERN.
- THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO MAKE SUBSTITUTIONS, ADDITIONS, AND DELETIONS IN THE PLANTING SCHEME AS THEY FEEL NECESSARY WHILE WORK IS IN PROGRESS, UPON APPROVAL BY THE OWNER. SUCH CHANGES ARE TO BE ACCOMPANIED BY EQUITABLE ADJUSTMENTS IN THE CONTRACT PRICE, WHEN NECESSARY.
- PLANT MATERIAL LOCATIONS SHOWN ARE DIAGRAMMATIC AND MAY BE SUBJECT TO CHANGE IN THE FIELD BY THE LANDSCAPE ARCHITECT. PLANT LOCATIONS ARE TO BE ADJUSTED IN THE FIELD AS NECESSARY TO SCREEN UTILITIES, BUT SHALL NOT BLOCK WINDOWS, BLOCK SIGNS NOR IMPEDE ACCESS.
- THE DESIGN INTENT OF THE PLANTING PLAN IS TO ESTABLISH AN ATTRACTIVE MATURE LANDSCAPE APPEARANCE. FUTURE PLANT GROWTH WILL NECESSITATE TRIMMING, SHAPING, AND IN SOME CASE REMOVAL OF TREES AND SHRUBS AS AN ON-GOING MAINTENANCE PROCEDURE.
- ALL PLANTING AREA MUST BE IRRIGATED WITH AUTOMATIC IRRIGATION SYSTEM. IRRIGATION SYSTEM SHALL BE FULLY AUTOMATED AND OPERATIONAL WITH FULL COVERAGE PRIOR TO PLANTING.
- CONTRACTOR TO REVIEW ALL EXISTING, PROPOSED, & AS BUILT UTILITY PLANS PRIOR TO CONSTRUCTION. CONTRACTOR TO TAKE PRECAUTIONS IN EXCAVATION OF ALL TREE PLANTING PITS. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS FOUND DURING CONSTRUCTION.

FIRE HYDRANTS AND PIVS: 5' MINIMUM
LIGHT POLES: 10' MINIMUM
UTILITIES: 5' MINIMUM
BUILDING ROOF EDGE: 5' MINIMUM
- CONTRACTOR MUST REVIEW ALL PLANS PRIOR TO THE BEGINNING OF CONSTRUCTION AND MAINTAIN THE FOLLOWING CLEARANCES FOR ALL TREE PLANTINGS. CONTRACTOR TO TAKE PRECAUTION IN ALL EXCAVATION ACTIVITY. NOTIFY LANDSCAPE ARCHITECT OF ANY CONFLICTS PRIOR TO INSTALLATION.

FIRE HYDRANTS AND PIVS: 5' MINIMUM
LIGHT POLES: 10' MINIMUM
UTILITIES: 5' MINIMUM
BUILDING ROOF EDGE: 5' MINIMUM
- CONTRACTOR TO PROVIDE AND ARRANGE FOR PLANT MATERIAL THRU CONTRACT GROW, PLANT BROKERS, OR DIRECT PURCHASE AS REQUIRED FOR THE FULL IMPLEMENTATION OF THE PROJECTS PLANTING PLAN. CONTRACTOR MUST SUBMIT WITHIN 30 DAYS AFTER AWARD OF A BID A DETAILED NURSERY LIST OF SECURED PLANT MATERIAL, CONTRACT GROW PLANT MATERIAL, AND ANY SUBSTITUTION REQUESTS. CONTRACTOR SHALL ARRANGE AND SECURE ALL PLANT MATERIAL WITHIN 30 DAYS OF BID. UPON DELIVERY, PLANT MATERIAL THAT DOES NOT MEET NURSERY STANDARDS, IS ROOT BOUND, OF POOR QUALITY & HEALTH, SUBSTANDARD SIZE, AND/OR IS NOT APPROVED BY THE LANDSCAPE ARCHITECT SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. MATERIAL WHICH IS NOT SECURED AND IS UNAVAILABLE IN THE SIZE SPECIFIED SHALL BE UP-SIZED, IF AVAILABLE. ALL REPLACEMENT MATERIAL, SUBSTITUTIONS OR UP-SIZED PLANT MATERIAL MUST BE PROVIDED AS REQUIRED FOR THE FULL IMPLEMENTATION OF THE PLANTING PLAN AT NO ADDITIONAL COST TO THE CONTRACT AND OWNER.
- PROCUREMENT OF PLANT MATERIAL SHALL NOT BE LIMITED TO NORTHERN CALIFORNIA. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRUCKING, INSPECTIONS, AND INCIDENTALS FOR PROVIDING PLANT MATERIAL FROM SOURCES OUT OF STATE AS REQUIRED BY THE PROJECT PLANTING PLAN.

EXISTING PLANT MATERIAL

- ALL EXISTING PLANT MATERIAL, TREES, OR LAWN TO REMAIN MUST BE PROTECTED AND MAINTAINED IN PLACE BY THE CONTRACTOR.
- ANY DAMAGED MATERIAL MUST BE FULLY REPLACED TO MATCH EXISTING BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT AND OWNER.
- CONTRACTOR MUST MAINTAIN ANY EXISTING IRRIGATION SYSTEMS OR PROVIDE TEMPORARY IRRIGATION SYSTEMS AS REQUIRED TO ALL EXISTING PLANTING AREAS TO REMAIN.

SOILS

- THE CONTRACTOR MAY PROTECT AND STOCKPILE EXISTING SITE SOILS WHICH MAY BE REUSED FOR PLANTING PURPOSES. EXISTING SOILS SHALL BE TESTED PRIOR TO STOCKPILE FOR SOILS SUITABILITY PER THE REQUIREMENTS BELOW.
- ALL ORGANIC COMPOST SHALL HAVE AN AGRICULTURAL SUITABILITIES TEST FOR COMPATIBILITY TO EXISTING SITE SOILS. TEST RESULTS SHALL BE DATED WITHIN THE LAST 3 MONTHS OF THE SUBMITTAL.
- ALL EXISTING SITE SOILS SHALL HAVE AN AGRICULTURAL SUITABILITIES TEST BY AN APPROVED SOILS TESTING LAB (WATPOINT ANALYTICAL OR APPROVED EQUAL) AND ANALYSIS FOR RECOMMENDATIONS ON ORGANIC COMPOST, AMENDMENTS, GRO POWER FERTILIZER AND ANY INCIDENTALS. RECOMMENDATIONS CONTAINED IN THE SOILS ANALYSIS RESULTS ARE TO BE IMPLEMENTED BEFORE PLANTING OCCURS. CONTRACTOR SHALL PROVIDE UP TO 4 COMBINED TESTS AT LOCATIONS SELECTED BY THE LANDSCAPE ARCHITECT. SOIL SAMPLES TO BE TAKEN AND COMBINED FROM A DEPTH OF 6" AND 24". PROVIDE ADDITIONAL TESTING (ONE 6" AND ONE 24" DEPTH TEST PER 25,000 SF FOR AREAS WHICH WERE LIME TREATED). THE ORGANIC COMPOST TEST RESULTS LISTED ABOVE SHALL BE SUBMITTED TO THE SOILS LAB FOR ACCURATE RECOMMENDATIONS OF THE SOIL AMENDMENT REQUIREMENTS. TEST RESULTS SHALL BE TAKEN AFTER ALL GRADING OPERATIONS ARE COMPLETE.
- ALL LIME TREATED SOILS IN AREAS TO RECEIVE PLANTING SHALL BE FULLY REMOVED AND REPLACED WITH CLEAN APPROVED IMPORT TOP SOIL AT NO COST TO THE OWNER. AN ADDITIONAL 3 SOILS TESTS MAY BE REQUESTED BY THE LANDSCAPE ARCHITECT. ALL TESTING SHALL BE PAID FOR BY THE CONTRACTOR.
- ALL SOILS IMPORTED ONTO THE SITE FOR ANY PURPOSE SUCH AS GRADING, NON EXPANSIVE FILL, FILL, OR FOR ANY GENERAL PURPOSE MUST BE TESTED FOR PLANT SUITABILITY PRIOR TO PLACEMENT. ALL IMPORT SOILS SHALL BE NON-DETRIMENTAL TO PLANT MATERIAL AND SOILS ANALYSIS SUBMITTED TO THE LANDSCAPE ARCHITECT FOR REVIEW AND APPROVAL. PROVIDE 1 TEST PER 500 CY OF MATERIAL.
- ALL IMPORT SOILS SHALL BE FREE OF DELETERIOUS MATERIALS, AGGREGATES, AND ROCK. IMPORT SOIL SHALL BE LOAM/ CLAY LOAM WITH A PH BETWEEN 6 AND 7.5. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
- FOR BID PURPOSES AMEND ALL SOIL WITH 6 YARDS OMRI COMPOST, SOLBS GYPSUM, 20LBS SOIL SULFUR AND 160LBS OF GRO-POWER PLUS 5-3-1 W/ M PER 1000SF. CONTRACTOR TO SUBMIT ALL DELIVERY TICKETS FOR COMPOST AND FERTILIZERS FOR VERIFICATION.
- SOIL IS TO BE AMENDED, AT THE RATE INDICATED BY THE SOIL ANALYSIS, TO BRING THE SOIL ORGANIC MATTER CONTENT TO A MINIMUM OF 3.5% BY DRY WEIGHT, AND A MINIMUM OF 2" OF QUALITY RECYCLED COMPOST, ON ALL PLANTING AREAS.
- ALL PLANTERS IN AREAS WHICH HAVE BEEN COMPACTED, SUCH AS CONSTRUCTION STAGING AREAS AND IN PARKING LOTS, SHALL BE CROSS RIPPED TO THE FOLLOWING DEPTHS: PLANTERS LESS THAN THREE (3) FEET WIDE SHALL HAVE COMPACTION RELIEVED TO A MINIMUM DEPTH OF TWENTY-FOUR (24) INCHES BELOW SUBGRADE. PLANTERS THREE TO TEN (3-10) FEET WIDE MUST HAVE COMPACTION RELIEVED TO A MINIMUM DEPTH OF 18" BELOW SUBGRADE, PLANTERS MORE THAN 10' WIDE SHALL HAVE COMPACTION RELIEVED TO A MINIMUM DEPTH OF 12" BELOW SUBGRADE. AREAS SHALL BE PROTECTED AFTER DECOMPACTION.
- CONTRACTOR SHALL PERFORM A PERCOLATION TEST AT THE BEGINNING OF CONSTRUCTION AT 1 LOCATION PER ACRE (MAX OF 4) TO DETERMINE THE DRAINAGE CAPACITY OF THE EXISTING SITE SOIL FOR TREE HEALTH. NOTIFY THE LANDSCAPE ARCHITECT IF DRAINAGE IS LESS THAN 2" PER HOUR.

TREES

- ALL TREES SHALL BE STANDARDS UNLESS SPECIFICALLY NOTED.
- ALL TREES ARE TO BE STAKED AS SHOWN ON THE TREE STAKING/GUYING DIAGRAMS. BRANCHING HEIGHT OF TREES SHALL BE A 6'-0" MINIMUM ABOVE FINISH GRADE. ALL TREES IN A FORMAL GROUP PLANTING MUST BE MATCHING IN SIZE AND SHAPE. ALL STREET TREES TO BE INSTALLED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE OWNER. LANDSCAPE ARCHITECT SHALL BE CONSULTED REGARDING ORIENTATION OF TREES PRIOR TO PLANTING AND/OR BACKFILLING.
- PLANT TREES 3'-0" MINIMUM FROM FACE OF CURB AT PARKING, AND FROM EDGES OF PAVING. ALL TREES WITHIN 6' OF PAVING AREAS AND BUILDINGS MUST HAVE ROOT BARRIERS INSTALLED. SEE ROOT BARRIER DETAIL. DEEP ROOT BARRIER MODEL NO. UB.24.2. (415) 344-1464. INSTALL PER MANUFACTURER'S SPECIFICATIONS. WHERE WATER BARRIERS AND ROOT BARRIERS ARE REQUIRED, USE CENTURY PRODUCTS DUAL PURPOSE WATER/ ROOT BARRIER CR-PE24-20, (714)632-7083, S.C.D. FOR LOCATIONS OF WATER BARRIER.
- PROVIDE 4" BERM AROUND TREE FOR WATER BASIN. SEE TREE STAKING DETAIL. BERM TO BE REMOVED IN LAWN AREA AFTER INITIAL MAINTENANCE PERIOD. MULCH TREE WELL WITH 3" LAYER OF RECYCLED CHIPPED MULCH. KEEP MULCH AWAY FROM TREE TRUNK. HOLD LAWN AND HYDROSEED 2' CLEAR FROM TRUNKS, TYP.
- TREES MUST HAVE AN UN CUT LEADER THAT HAS A UNIFORM TAPER FROM BASE TO TIP. TREES MUST MEET AT LEAST NORMAL CALIPER AND HEIGHT FOR CONTAINER SIZE. OVERGROWN OR ROOT BOUND TREES ARE NOT ACCEPTABLE.
- FOR ALL TREES IN STORMWATER INFILTRATION ZONES HOLD FG OF ROOTBALL 4" ABOVE FG OF FLOWLINE. ADJUST ADJACENT GRADE OF SOIL TO BLEND UNIFORMLY AROUND ROOTBALL AND ALLOW UNIMPEDED FLOW OF WATER.

SHRUBS AND GROUNDCOVERS

- GROUNDCOVER MUST BE PLANTED AS SHOWN ON THE PLAN, INCLUDING UNDER SHRUBS AND IN TREE WATERING BASINS.
- SHRUBS AND PERENNIALS MUST HAVE ADEQUATE SETBACK FROM THE ADJACENT SIDEWALK AND EDGES OF PARKING LOT CURBS. NOTIFY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION IF PLANT MATERIAL MAY PROTRUDE INTO THE PATH OF TRAVEL.

HYDROSEED

- ALL DISTURBED AREAS WITH NO PLANTING, MULCH, HARDSCAPE OR OTHER MEANS OF EROSION CONTROL SHALL HAVE HYDROSEED PLACED.
- ALL HYDROSEED SHALL BE FULLY ROOTED AND ESTABLISHED PRIOR TO OCTOBER 15TH.
- THE CONTRACTOR SHALL PROVIDE TEMPORARY IRRIGATION AS REQUIRED TO ESTABLISH ALL 'NON-IRRIGATED' HYDROSEED WITHIN FLOW CHANNELS, RETENTION BASINS, DETENTION BASINS, OR OTHER AREAS SUBJECT TO WATER FLOW.

ACCESSORIES

- ALL PLANTING NOT BOUNDED BY CONCRETE OR A HARDSCAPE EDGE SHALL BE COMPLETELY SURROUNDED BY HEADERS. ALL ASPHALT AND DECOMPOSED GRANITE AREAS TO BE COMPLETELY SURROUNDED BY HEADERS OR ADJACENT CONCRETE WORK.
- ALL PLANTING AREAS MUST BE TOP-DRESSED WITH 3" LAYER OF RECYCLED CHIPPED MULCH. COLOR: BROWN. SUBMIT SAMPLE TO LANDSCAPE ARCHITECT FOR APPROVAL PRIOR TO ORDERING.
- ALL MULCH WITHIN STORMWATER PLANTING AREAS MUST BE 3" OF WASHED PEA GRAVEL. SUBMIT SAMPLE FOR REVIEW AND APPROVAL.
- ALL STORMWATER CURB CUTS MUST BE REINFORCED WITH A MINIMUM 12" WIDE X18" LONG X 6" DEEP BAND OF COBBLE. COBBLE SHALL BE 40% 4"-6" AND 60% 2"-5" NOYO COBBLE. PROVIDE 24" WIDE BY 6" DEPTH OF COBBLE AROUND ALL CATCH BASINS LOCATED IN DRAINAGE AREAS. SUBMIT SAMPLE FOR REVIEW AND APPROVAL.
- ALL RAINWATER LEADERS DISCHARGING INTO LANDSCAPE AREAS MUST HAVE SPLASH BLOCKS. MODEL: CDI 16X24". COLOR: TO MATCH PAVING. (800) 279-2278.
- ALL SLOPES GREATER THAN 2.5:1 MUST BE COVERED WITH EROSION CONTROL NETTING PER THE MANUFACTURER'S SPECIFICATIONS. OVERLAP ALL EDGES A MINIMUM OF 12" AND SECURE AS REQUIRED WITH METAL STAPLES. EROSION CONTROL NETTING TO BE WESTERN EXCELSIOR, EXCEL CS-3 OR APPROVED EQUAL AVAILABLE FROM REED & GRAHAM 888-381-0800.
- SEE SPECIFICATIONS FOR ALL FERTILIZER REQUIREMENTS

SUBMITTALS

- CONTRACTOR MUST SUBMIT ALL TESTS, PRODUCTS, ACCESSORIES, INCIDENTALS, CUT SHEETS OF ALL ITEMS SPECIFIED FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- ALL PLANT MATERIAL MUST BE REVIEWED AND APPROVED BY THE LANDSCAPE ARCHITECT PRIOR TO DELIVERY. CONTRACTOR SHALL SUBMIT PHOTOS OF ALL SHRUBS, GROUND COVERS, VINES, AND TREES FOR PRELIMINARY REVIEW AND APPROVAL.
- ALL SUBMITTALS AND PLANT MATERIAL NOT REVIEWED AND APPROVED IN WRITING BY THE LANDSCAPE ARCHITECT MAY BE SUBJECT TO FULL REMOVAL AND REPLACEMENT WITH APPROVED SOILS, FERTILIZERS, AND PLANT MATERIAL AT NO ADDITIONAL COST TO THE CONTRACT OR OWNER.
- SUBMITTALS AND SITE MOCKUPS OF ALL WORK SHALL BE REQUIRED PRIOR TO FINAL PLACEMENT INCLUDING BUT NOT LIMITED TO ALL WALLS, PAVEMENTS, COLORS, FINISHES, METAL WORK, FENCING, AND PAINTING FOR REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT. SEE SPECIFICATIONS.

MUNICIPAL REQUIREMENTS

- ALL PLANT MATERIAL TO BE INSPECTED & APPROVED BY CITY REPRESENTATIVE AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- CONTACT THE PROJECT LANDSCAPE ARCHITECT FOR FINAL INSPECTION OF LANDSCAPE AND IRRIGATION. PRIOR TO RELEASE OF BUILDING FOR OCCUPANCY, THE PROJECT LANDSCAPE ARCHITECT WILL SUBMIT A LETTER TO THE CITY CERTIFYING THE PLANTING AND IRRIGATION HAS BEEN INSTALLED IN CONFORMANCE WITH THE APPROVED PLANTING AND IRRIGATION PLANS, SUBJECT TO THE REVIEW AND APPROVAL OF THE CITY LANDSCAPE ARCHITECT. SECURITIES IN LIEU OF INSTALLATION WILL NOT BE ACCEPTED.
- DURING THE INSTALLATION OF LANDSCAPING AND INSTALLATION AND PRIOR TO THE ISSUANCE OF A BUILDING OCCUPANCY PERMIT, THE LANDSCAPE ARCHITECT MUST INSPECT AND MONITOR THE INSTALLATION OF MATERIALS TO VERIFY CONFORMANCE TO THESE PLANS. ONCE APPROVED, THE LANDSCAPE ARCHITECT SHALL PROVIDE A WRITTEN LETTER TO DEPARTMENT OF PLANNING AND DEVELOPMENT STATING COMPLIANCE WITH THE APPROVED PLANS.

PLANTING SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE	SPACING	QTY
TREES						
ACE	ACER BUERGERIANUM	TRIDENT MAPLE	15 GAL	M	AS SHOWN	20
PIS	PISTACIA CHINENSIS	CHINESE PISTACHE	15 GAL	L	AS SHOWN	6
QAG	QUERCUS AGRIFOLIA	COAST LIVE OAK MULTI-TRUNK	15 GAL	VL	AS SHOWN	4
QLO	QUERCUS LOBATA	VALLEY OAK	15 GAL	L	AS SHOWN	2
SHRUBS						
CV	CEANOTHUS MARITIMUS 'VALLEY VIOLET'	VALLEY VIOLET MARITIME CEANOTHUS	1 GAL	L	48" O.C.	83
CD	COTONEASTER DAMMERI	BEARBERRY COTONEASTER	1 GAL	L	96" O.C.	92
DV	DIETES VEGETA	AFRICAN IRIS	1 GAL	L	42" O.C.	26
LL	LOMANDRA LONGIFOLIA 'BREEZE'	BREEZE™ MAT RUSH	1 GAL	M	48" O.C.	79
MR	MUHLENBERGIA RIGENS	DEER GRASS	1 GAL	L	72" O.C.	69
MP	MYOPORUM PARVIFOLIUM 'PINK'	PINK TRAILING MYOPORUM	1 GAL	L	60" O.C.	34
RN	ROSA X 'NOATRAUM'	FLOWER CARPET®PINK ROSE	1 GAL	L	48" O.C.	93
SB	SALVIA LEUCANTHA 'SANTA BARBARA'	SANTA BARBARA MEXICAN BUSH SAGE	1 GAL	L	48" O.C.	68
TG	TEUCRIUM ACKERMANII	GERMANDER	1 GAL	L	24" O.C.	124

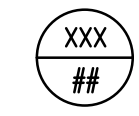
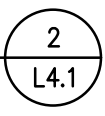
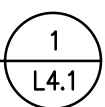
		QTY
	HYDROSEED	27,012
	BIORETENTION SOD MFR: DELTA BLUE GRASS MDL: BIOFILTRATION SOD	740 SF

WATER USE RATING LEGEND: WUCOLS IV CATEGORIES OF WATER NEEDS FROM: UNIVERSITY OF CALIF COOPERATIVE EXTENSION, CALIF DEPARTMENT OF WATER RESOURCES, U.S. BUREAU OF RECLAMATION	
H	= HIGH
M	= MODERATE
L	= LOW
VL	= VERY LOW

"I HAVE COMPLIED WITH THE CRITERIA OF THE ORDINANCE AND APPLIED THEM FOR THE EFFICIENT USE OF WATER IN THE LANDSCAPE DESIGN PLAN."

 SEPTEMBER 12, 2024
SIGNATURE DATE

PLANTING LEGEND

	TREE NAME QUANTITY	SEE PLANT LIST FOR ADD'L INFO.	
	SHRUB NAME QUANTITY	SEE PLANT LIST FOR ADD'L INFO.	



GATES +ASSOCIATES

LANDSCAPE ARCHITECTURE
LAND PLANNING - URBAN DESIGN
1655 N. MAIN ST. STE 365, WALNUT CREEK, CA 94596
T 925.736.8176 www.dgates.com

C-63 PARK

GRASSCREEK DR AND
LEMONADE LANE
ROSEVILLE
CA

ISSUE:	DESCRIPTION:	DATE:
DD SET		9/12/2024
99% CD		12/20/2024

NOT FOR
CONSTRUCTION



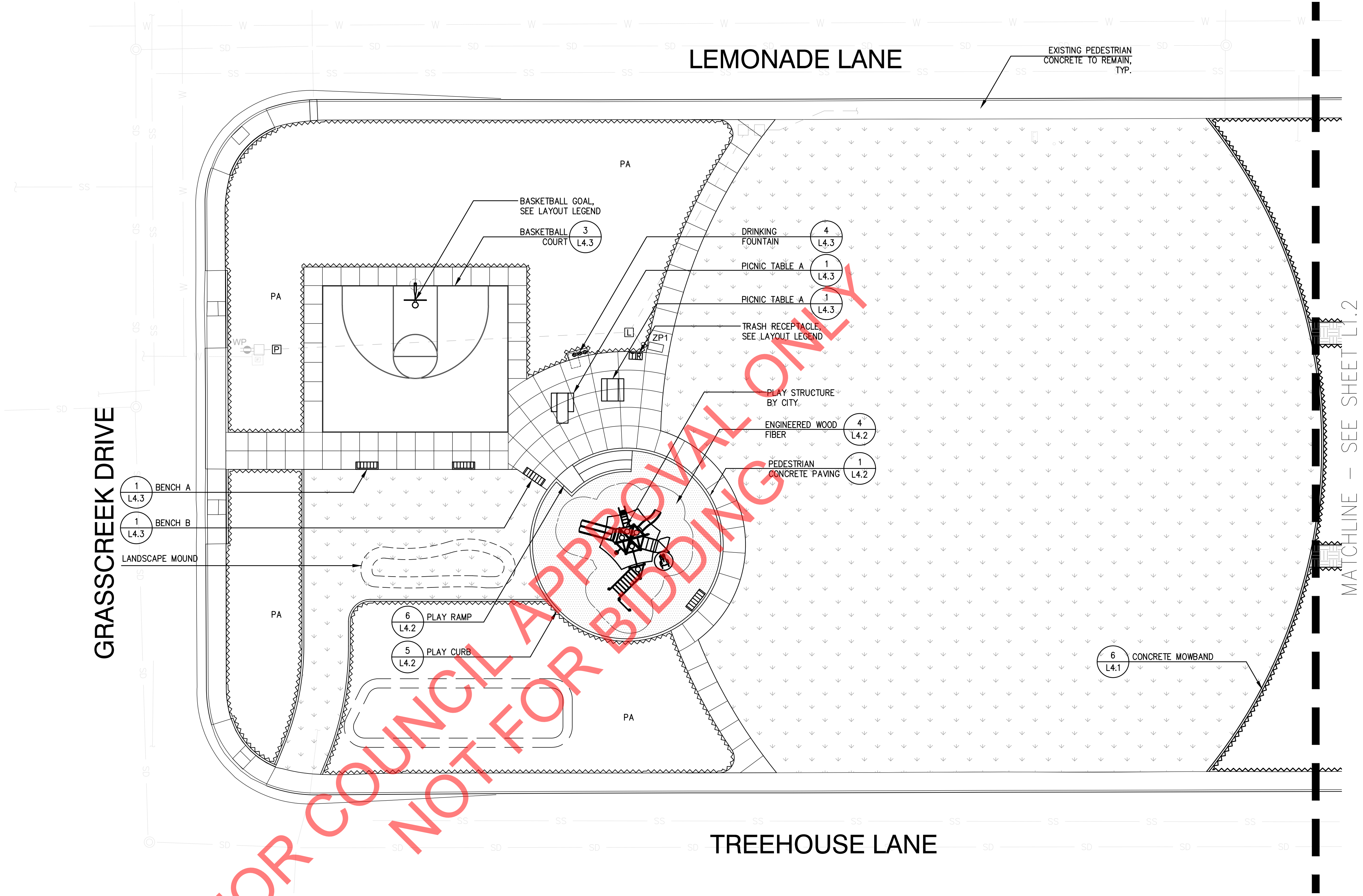
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DRAWN:	TF
CHECK:	CC/EG
DATE:	12/20/2024
SCALE:	



PLANTING NOTES AND LEGEND

L0.2

PATH: F:\ROSEVILLE\C-63 PARK\ROAD\SHEDS\DC-L-063.DWG
PLOT DATE: 12/20/2024 4:12 PM



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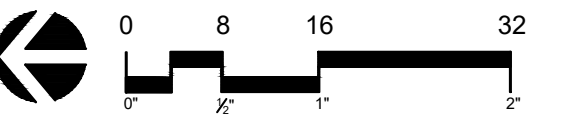
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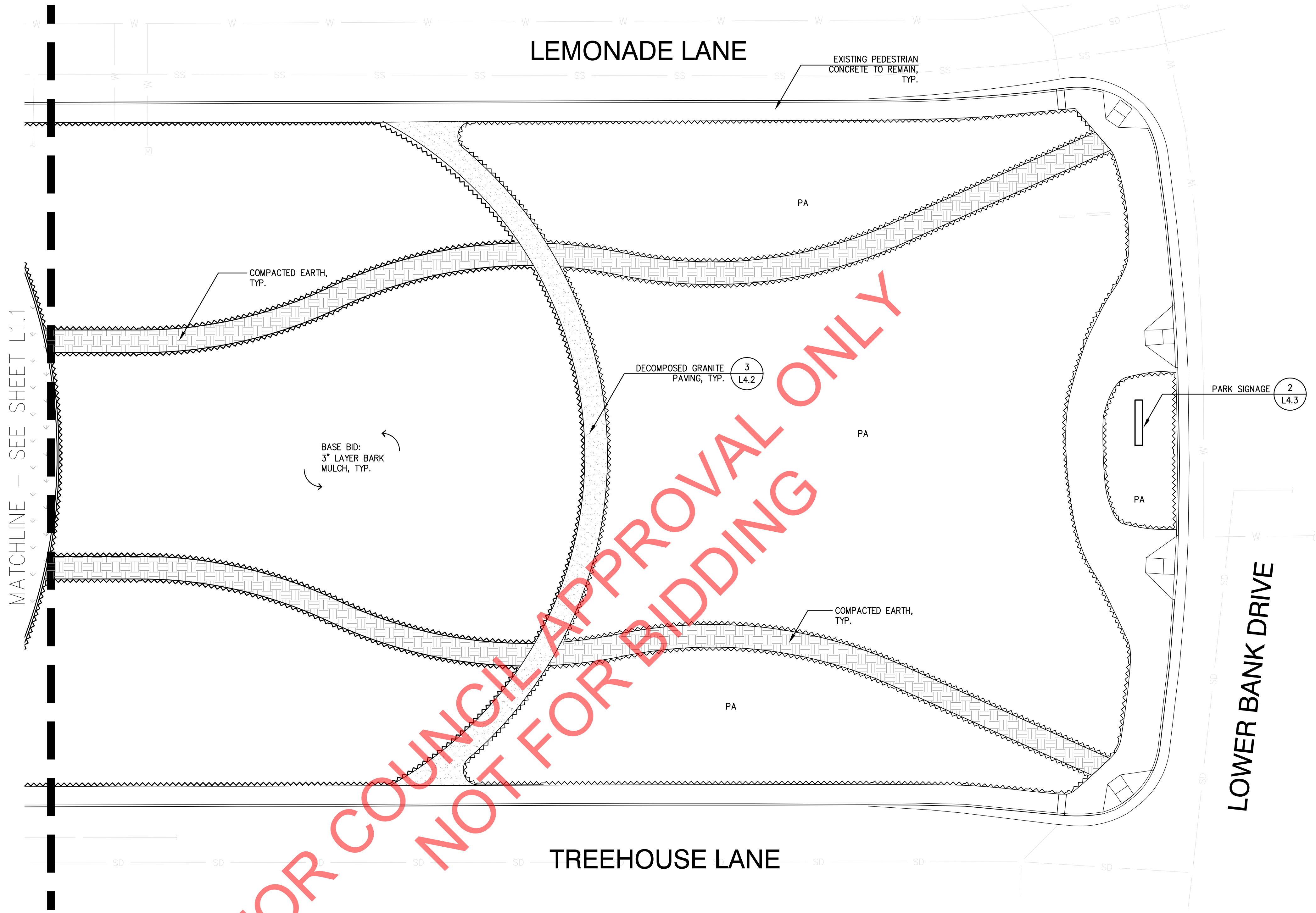
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CHECK: CC/EG
DATE: 12/20/2024
SCALE: 1/16" = 1'-0"



LAYOUT PLAN

L1.1

PATH: F:\ROSEVILLE\C-63 PARK\ACAD\SHEETS\JC-L-063.DWG
PLOT DATE: 12/20/2024 4:12 PM



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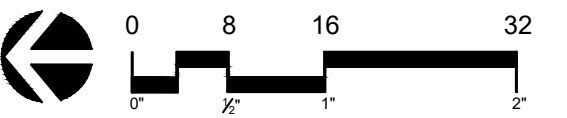
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DD SET	9/12/2024	9/12/2024
99% CD		12/20/2024

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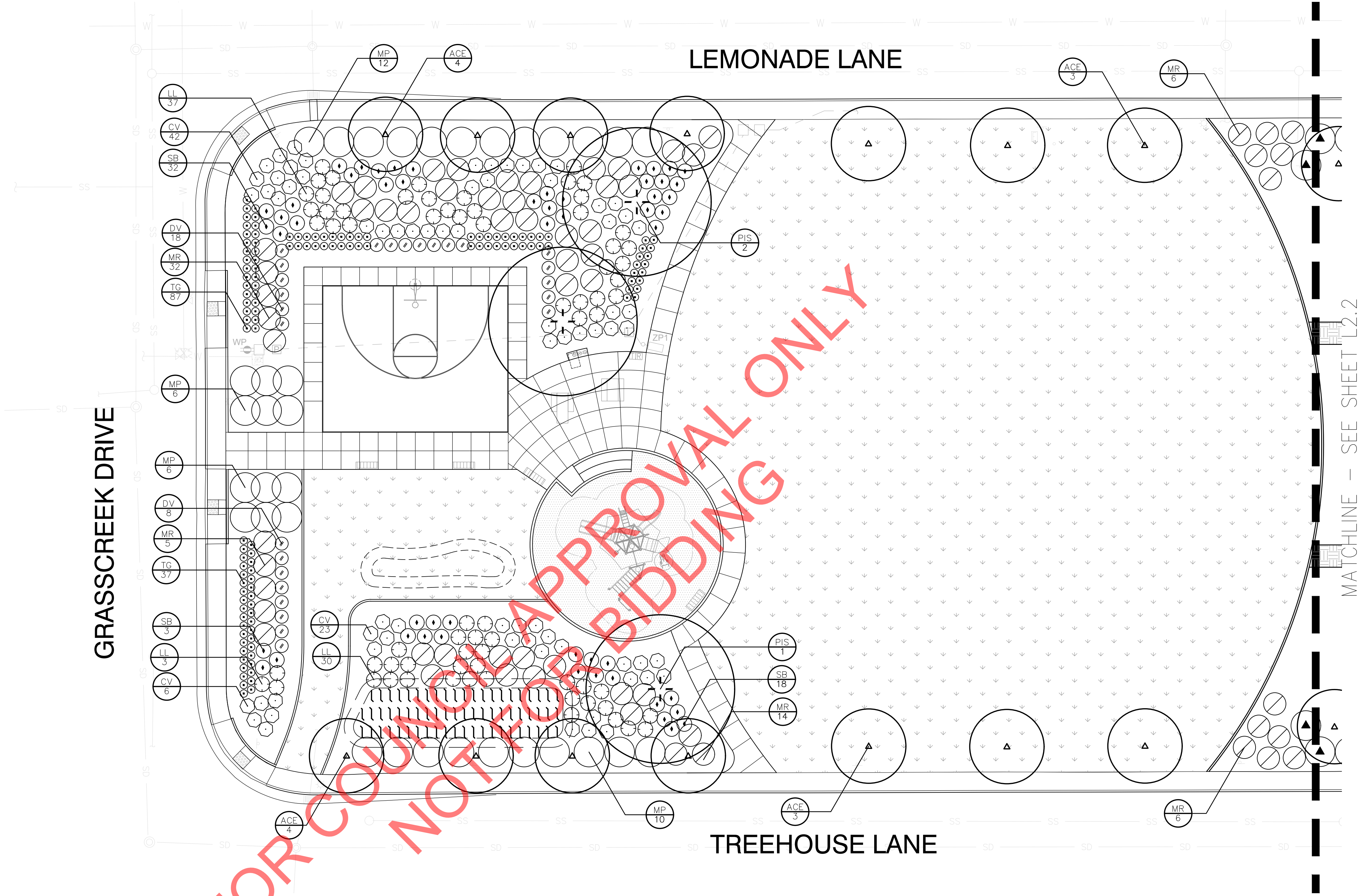
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CHECK: CC/EG
DATE: 12/20/2024
SCALE: 1/16" = 1'-0"



LAYOUT PLAN

L1.2

PATH: P:\ROSEVILLE\C-63 PARK\ACAD\SHEETS\JC-P-063.DWG
PLOT DATE: 12/20/2024 4:12 PM



PLANT SCHEDULE

CODE	BOTANICAL NAME	COMMON NAME	SIZE	WATER USE	SPACING	QTY
TREES						
ACE	ACER BUERGERIANUM	TRIDENT MAPLE	15 GAL	M	AS SHOWN	20
PIS	PISTACIA CHINENSIS	CHINESE PISTACHE	15 GAL	L	AS SHOWN	6
OAG	QUERCUS AGRIFOLIA	COAST LIVE OAK MULTI-TRUNK	15 GAL	VL	AS SHOWN	4
QLO	QUERCUS LOBATA	VALLEY OAK	15 GAL	L	AS SHOWN	2
SHRUBS						
CV	CEANOTHUS MARITIMUS 'VALLEY VIOLET'	VALLEY VIOLET MARITIME CEANOTHUS	1 GAL	L	48" O.C.	83
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TG	TEUCRIUM ACKERMANII	GERMANDER	1 GAL	L	24" O.C.	124

LAWN

	HYDROSEED	QTY
	BIORETENTION SOD	27,012
	MFR: DELTA BLUE GRASS	740 SF
	MDL: BIOFILTRATION SOD	



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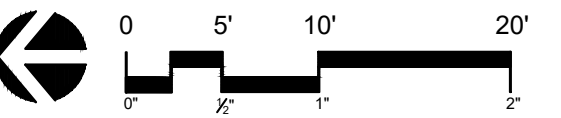
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CA

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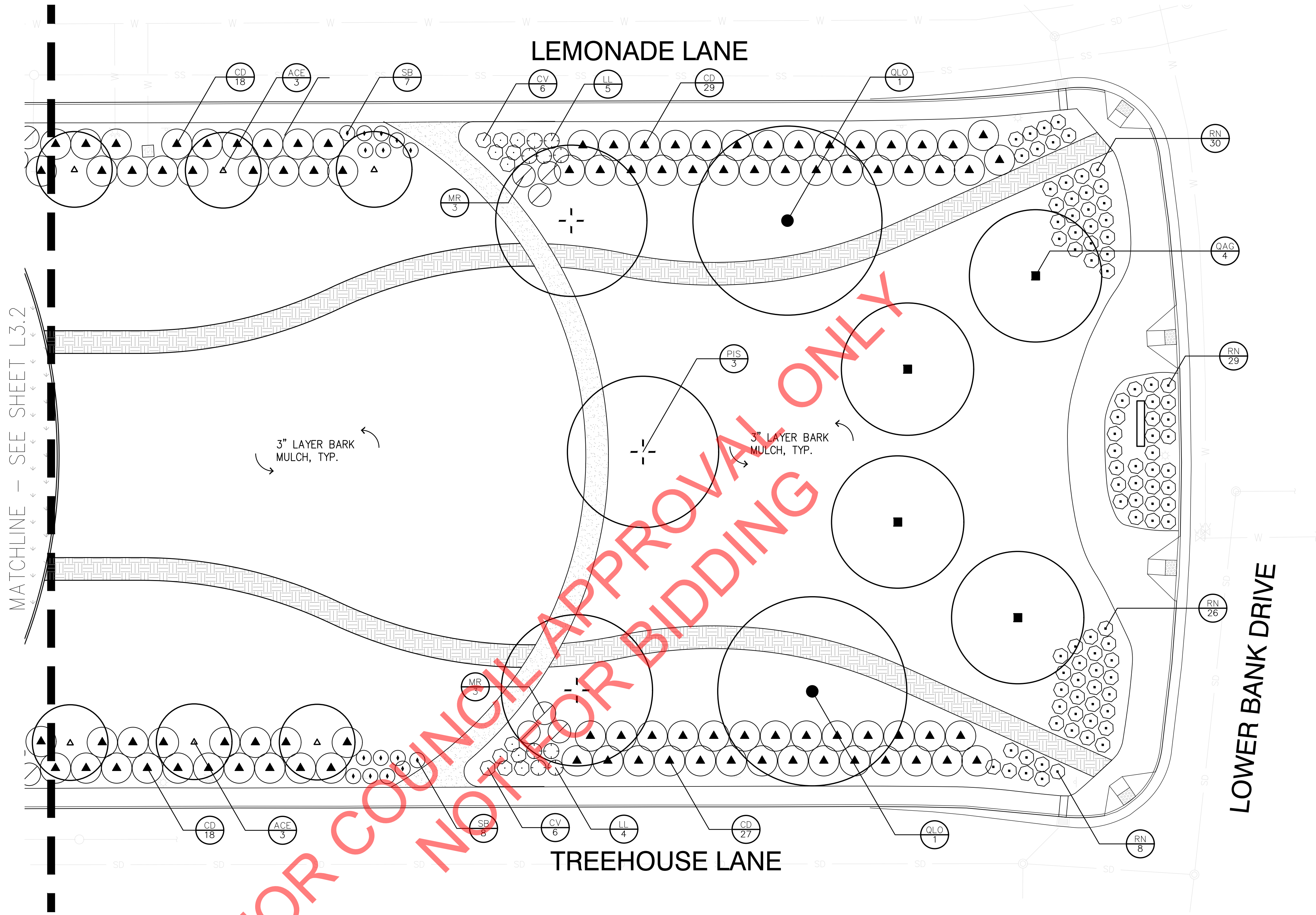
PROJECT NUMBER:	P6274
DRAWN:	TF
CHECK:	CC/EG
DATE:	12/20/2024
SCALE:	



PLANTING PLAN

L2.1

PATH: P:\ROSEVILLE\C-63 PARK\ACAD\SHEETS\JC-P-063.DWG
PLOT DATE: 12/20/2024 4:12 PM



FOR COUNCIL APPROVAL ONLY

PLANT SCHEDULE

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LAWN		QTY
	HYDROSEED	27,012
	BIORETENTION SOD	
	MFR: DELTA BLUE GRASS	740 SF
	MDL: BIOFILTRATION SOD	



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C-63 PARK

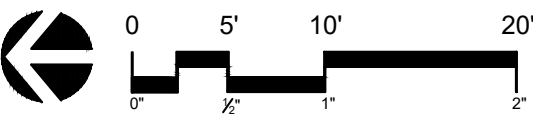
GRASSCREEK DR AND
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ROSEVILLE
CA

ISSUE:	DESCRIPTION:	DATE:
DD SET	99% CD	9/12/2024
		12/20/2024

NOT FOR
CONSTRUCTION



PROJECT NUMBER:	P6274
DRAWN:	TF
CHECK:	CC/EG
DATE:	12/20/2024
SCALE:	



PLANTING PLAN

L2.2

PATH: \\NASR\COMPANYDATA\2024\24-024 C-63 PARK - ROSEVILLE\CAD\00624\JG-HR-ND-C63.DWG
PLOT DATE: 12/19/2024 6:42 PM

IRRIGATION NOTES

1. THESE IRRIGATION DRAWINGS ARE DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. ALL PIPING, VALVES, AND OTHER IRRIGATION COMPONENTS MAY BE SHOWN WITHIN PAVED AREAS FOR GRAPHIC CLARITY ONLY AND ARE TO BE INSTALLED WITHIN PLANTING AREAS. DUE TO THE SCALE OF THE DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS, SLEEVES, CONDUIT, AND OTHER ITEMS WHICH MAY BE REQUIRED. INVESTIGATE THE STRUCTURAL AND FINISHED CONDITION AFFECTING THE CONTRACT WORK INCLUDING OBSTRUCTIONS, GRADE DIFFERENCES OR AREA DIMENSIONAL DIFFERENCES. IN THE EVENT OF FIELD DISCREPANCY WITH CONTRACT DOCUMENTS, PLAN THE INSTALLATION WORK ACCORDINGLY BY NOTIFICATION AND APPROVAL OF THE OWNER'S AUTHORIZED REPRESENTATIVE AND ACCORDING TO THE CONTRACT SPECIFICATIONS. NOTIFY AND COORDINATE IRRIGATION CONTRACT WORK WITH APPLICABLE CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE, CONDUIT OR SLEEVES THROUGH OR UNDER WALLS, ROADWAYS, PAVING AND STRUCTURES BEFORE CONSTRUCTION. IN THE EVENT THESE NOTIFICATIONS ARE NOT PERFORMED, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY FOR REQUIRED REVISIONS.
2. THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE CODES, STANDARDS, AND REGULATIONS. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES AND REGULATIONS OF THE NATIONAL ELECTRIC CODE; THE UNIFORM PLUMBING CODE, PUBLISHED BY THE WESTERN PLUMBING OFFICIALS ASSOCIATION; AND OTHER STATE OR LOCAL LAWS OR REGULATIONS. NOTHING IN THESE DRAWINGS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES OR REGULATIONS. THE CONTRACTOR SHALL FURNISH WITHOUT ANY EXTRA CHARGE, ANY ADDITIONAL MATERIAL AND LABOR WHEN REQUIRED BY THE COMPLIANCE WITH THESE CODES AND REGULATIONS.
3. THE CONTRACTOR SHALL COORDINATE INSTALLATION OF IRRIGATION SYSTEM WITH LAYOUT AND INSTALLATION OF THE PLANT MATERIALS TO INSURE THAT THERE WILL BE COMPLETE AND UNIFORM IRRIGATION COVERAGE OF PLANTING IN ACCORDANCE WITH THESE DRAWINGS, AND CONTRACT DOCUMENTS. THE IRRIGATION LAYOUT SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION TO DETERMINE IF ANY CHANGES, DELETIONS, OR ADDITIONS ARE REQUIRED. IRRIGATION SYSTEM SHALL BE INSTALLED AND TESTED PRIOR TO INSTALLATION OF MATERIAL (APPLICABLE FOR TURF AREAS ONLY).
4. THE INTENT OF THIS IRRIGATION SYSTEM IS TO PROVIDE THE MINIMUM AMOUNT OF WATER REQUIRED TO SUSTAIN GOOD PLANT HEALTH.
5. IT IS THE RESPONSIBILITY OF THE MAINTENANCE CONTRACTOR AND/OR OWNER TO PROGRAM THE IRRIGATION CONTROLLER(S) TO PROVIDE THE MINIMUM AMOUNT OF WATER NEEDED TO SUSTAIN GOOD PLANT HEALTH. THIS INCLUDES MAKING ADJUSTMENTS TO THE PROGRAM FOR SEASONAL WEATHER CHANGES, PLANT MATERIAL, WATER REQUIREMENTS, MOUNDS, SLOPES, SUN, SHADE AND WIND EXPOSURE.
6. IT IS THE RESPONSIBILITY OF A LICENSED ELECTRICAL CONTRACTOR TO PROVIDE 120 VOLT A.C. (2.5 AMP DEMAND PER CONTROLLER) ELECTRICAL SERVICE TO THE CONTROLLER LOCATION(S). IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO COORDINATE THE ELECTRICAL SERVICE STUB-OUT TO THE CONTROLLER(S). PROVIDE PROPER GROUNDING PER CONTROLLER MANUFACTURER'S INSTRUCTIONS AND IN ACCORDANCE WITH LOCAL CODES.
7. PROVIDE EACH CONTROLLER WITH ITS OWN GROUND ROD. SEPARATE THE GROUND RODS BY A MINIMUM OF EIGHT FEET. THE GROUND ROD SHALL BE AN EIGHT FOOT LONG BY 5/8" DIAMETER U.L. APPROVED COPPER CLAD ROD. INSTALL NO MORE THAN 6" OF THE GROUND ROD ABOVE FINISH GRADE. CONNECT #6 GAUGE WIRE WITH A U.L. APPROVED GROUND ROD CLAMP TO ROD AND BACK TO GROUND SCREW AT BASE OF CONTROLLER WITH APPROPRIATE CONNECTOR. MAKE THIS WIRE AS SHORT AS POSSIBLE, AVOIDING KINKS OR BENDING.
8. SCHEDULE A MEETING WHICH INCLUDES REPRESENTATIVES OF THE IRRIGATION CONTROLLER MANUFACTURER, THE MAINTENANCE CONTRACTOR, THE OWNER AND THE IRRIGATION CONTRACTOR AT THE SITE FOR INSTRUCTION ON THE PROPER PROGRAMMING AND OPERATION OF THE IRRIGATION CONTROLLER.
9. INSTALL 3" DETECTABLE TAPE ABOVE ALL PRESSURIZED MAIN LINES AS DETAILED. USE CHRISTY MODEL #TA-DT-3-PRW FOR RECYCLED IRRIGATION WATER SYSTEMS.
10. INSTALL #12 SOLID COPPER TRACER WIRE OVER MAINLINE PER CITY STANDARD SPECIFICATIONS. WIRE COLOR SHALL BE GREEN. TRACER WIRE SHALL BE TESTED DURING REVIEW AND PRESSURE TEST OF THE MAINLINE.
11. PROVIDE EACH IRRIGATION CONTROLLER WITH ITS OWN INDEPENDENT LOW VOLTAGE COMMON GROUND WIRE.
12. IRRIGATION CONTROL WIRES: SOLID COPPER WITH U.L. APPROVAL FOR DIRECT BURIAL IN GROUND. CONTROL WIRE SERVICING REMOTE CONTROL VALVES: SIZE #14-1 WIRE WITH A UNIQUE COLOR INSULATING JACKET FOR EACH CONTROLLER. COMMON GROUND WIRE: SIZE #12-1 WIRE WITH A WHITE INSULATING JACKET. SPARE WIRES: #12-1 WIRE WITH ORANGE INSULATION JACKET. SPICES AT REMOTE CONTROL VALVES SHALL BE MADE WITH 3M-DBR/Y-6 SEAL PACKS OR APPROVED EQUAL. ALL OTHER SPICES SHALL BE MADE WITH 3M SCOTCHCAST 3570G CONNECTER SEAL PACKS, NO KNOWN EQUAL.
13. INSTALL TWO SPARE #12 CONTROL WIRES ORANGE IN COLOR ALONG THE ENTIRE MAIN LINE. LOOP 36" EXCESS WIRE INTO EACH SINGLE VALVE BOX AND INTO ONE VALVE BOX IN EACH GROUP OF VALVES.
14. SPLICING OF LOW VOLTAGE WIRES IS PERMITTED IN VALVE BOXES ONLY. LEAVE A 36" LONG, 1" DIAMETER COIL OF EXCESS WIRE AT EACH SPICE AND A 36" LONG EXPANSION LOOP EVERY 100 FEET ALONG WIRE RUN. TAPE WIRES TOGETHER EVERY TEN FEET. DO NOT TAPE WIRES TOGETHER WHERE CONTAINED WITHIN SLEEVING OR CONDUIT.

15. INSTALL PURPLE PLASTIC VALVE BOXES WITH BOLT DOWN, NON HINGED COVER MARKED "IRRIGATION CONTROL VALVE". BOX BODY SHALL HAVE KNOCK OUTS. ACCEPTABLE VALVE BOX MANUFACTURER'S INCLUDE NDS, CARSON OR APPROVED EQUAL.
16. INSTALL REMOTE CONTROL VALVE BOXES 12" FROM WALK, CURB, LAWN, HEADER BOARD, BUILDING, OR LANDSCAPE FEATURE. AT MULTIPLE VALVE BOX GROUPS, INSTALL EACH BOX AN EQUAL DISTANCE FROM THE WALK, CURB, LAWN, HEADER BOARD, BUILDING, OR LANDSCAPE FEATURE, AND PROVIDE 12" FROM THE WALK, CURB, HEADER BOARD, BUILDING, OR LANDSCAPE FEATURE AND INSTALL EACH BOX 12" APART.
17. VALVE LOCATIONS SHOWN ARE DIAGRAMMATIC. INSTALL IN GROUND COVER/SHRUB AREAS (AVOID LAWN AREAS WHERE POSSIBLE).
18. THE CONTRACTOR SHALL LABEL CONTROL LINE WIRE AT EACH REMOTE CONTROL VALVE WITH A 2 1/4" X 2 3/4" POLYURETHANE I.D. TAG, INDICATING IDENTIFICATION NUMBER OF VALVE (CONTROLLER AND STATION NUMBER). ATTACH LABEL TO CONTROL WIRE. THE CONTRACTOR SHALL PERMANENTLY STAMP ALL VALVE BOX LIDS WITH APPROPRIATE IDENTIFICATION AS NOTED IN CONSTRUCTION DETAILS.
19. FLUSH AND ADJUST IRRIGATION OUTLETS AND NOZZLES FOR OPTIMUM PERFORMANCE AND TO PREVENT OVER SPRAY ONTO WALKS, ROADWAYS, AND/OR BUILDINGS. SELECT THE BEST DEGREE OF THE ARC AND RADIUS TO FIT THE EXISTING SITE CONDITIONS AND THROTTLE THE FLOW CONTROL AT EACH VALVE TO OBTAIN THE OPTIMUM OPERATING PRESSURE FOR EACH CONTROL ZONE.
20. SET SPRINKLER HEADS PERPENDICULAR TO FINISH GRADE.
21. LOCATE BUBBLERS ON UPHILL SIDE OF PLANT OR TREE.
22. INSTALL A HUNTER HCV SERIES, KBI CV SERIES, OR APPROVED EQUAL SPRING LOADED CHECK VALVE IN SPRINKLER RISER ASSEMBLIES WHERE LOW OUTLET DRAINAGE WILL CAUSE EROSION AND/OR EXCESS WATER.
23. WHERE IT IS NECESSARY TO EXCAVATE ADJACENT TO EXISTING TREES, USE CAUTION TO AVOID INJURY TO TREES AND TREE ROOTS. EXCAVATE BY HAND IN AREAS WHERE TWO (2) INCH AND LARGER ROOTS OCCUR. BACK FILL TRENCHES ADJACENT TO TREE WITHIN TWENTY-FOUR (24) HOURS. WHERE THIS IS NOT POSSIBLE, SHADE THE SIDE OF THE TRENCH ADJACENT TO THE TREE WITH WET BURLAP OR CANVAS.
24. NOTIFY LOCAL JURISDICTIONS FOR INSPECTION AND TESTING OF INSTALLED BACKFLOW PREVENTION DEVICE.
25. THE IRRIGATION SYSTEM DESIGN IS BASED ON THE MINIMUM OPERATING PRESSURE SHOWN ON THE IRRIGATION DRAWINGS. VERIFY WATER PRESSURE PRIOR TO CONSTRUCTION. REPORT ANY DIFFERENCE BETWEEN THE WATER PRESSURE INDICATED ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE IRRIGATION POINT OF CONNECTION TO THE OWNER'S AUTHORIZED REPRESENTATIVE.
26. IRRIGATION DEMAND: REFER TO PLANS.
27. PIPE SIZING SHOWN ON THE DRAWINGS IS TYPICAL. AS CHANGES IN LAYOUT OCCUR DURING STAKING AND CONSTRUCTION THE SIZE MAY NEED TO BE ADJUSTED ACCORDINGLY.
28. PVC PIPE CEMENT SHALL BE WELD-ON #P-70 PRIMER AND WELD-ON #711 GRAY GLUE OR ACCEPTED EQUAL.
29. PIPE THREAD SEALANT COMPOUND SHALL BE RECTOR SEAL #5.
30. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR CHANGES IN THE IRRIGATION LAYOUT DUE TO OBSTRUCTIONS NOT SHOWN ON THE IRRIGATION DRAWINGS SUCH AS LIGHTS, FIRE HYDRANTS, SIGNS, ELECTRICAL ENCLOSURES, ETC.

31. THE LANDSCAPE CONTRACTOR SHALL BE RESPONSIBLE FOR CHANGES IN THE IRRIGATION LAYOUT AND VALVE ZONING DUE TO VARIATIONS IN THE EXISTING SITE CONDITIONS SUCH AS EXPOSURE FROM BUILDINGS, TRELLISES, TREES, ETC., AS WELL AS SLOPE AND SOIL CONDITIONS. THE CONTRACTOR SHALL NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF THE PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.
32. THE LANDSCAPE CONTRACTOR IS RESPONSIBLE FOR ADJUSTING THE IRRIGATION SYSTEM DESIGN IF THE PLANTING DESIGN CHANGES FROM THE ORIGINAL PLAN AND NEEDS TO ADAPT TO THE NEW PLANTING DESIGN. THE LANDSCAPE CONTRACTOR NEEDS TO NOTIFY THE LANDSCAPE ARCHITECT AND IRRIGATION CONSULTANT OF PROPOSED CHANGES PRIOR TO INSTALLATION FOR APPROVAL.
33. WHEN WORK OF THIS SECTION HAS BEEN COMPLETED AND SUCH OTHER TIMES AS MAY BE DIRECTED, REMOVE ALL TRASH, DEBRIS, SURPLUS MATERIALS AND EQUIPMENT FROM SITE.
34. VERIFY LOCATIONS OF ALL IRRIGATION COMPONENTS INSTALLED WITHIN A VALVE BOX WITH LANDSCAPE ARCHITECT PRIOR TO INSTALLATION. DO NOT INSTALL UNTIL LANDSCAPE ARCHITECT PROVIDES ACCEPTABLE LOCATIONS.
35. ALL AREAS WHICH ARE IRRIGATED WITH RECYCLED WATER AND ACCESSIBLE TO THE PUBLIC SHALL BE POSTED WITH CONSPICUOUS RECYCLED WATER SIGNS.
36. ALL RECYCLED WATER WARNINGS TAGS TO BE INSTALLED AS DETAILED SHALL READ IN SPANISH, AS WELL AS IN ENGLISH - "AVISO - AGUA INPURA - NO TOMAR", "WARNING - RECYCLED WATER - DO NOT DRINK".
37. CROSS CONNECTIONS BETWEEN RECYCLED AND POTABLE WATER SYSTEMS ARE PROHIBITED.

IRRIGATION LEGEND

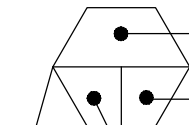
SYMBOL	MODEL NUMBER	DESCRIPTION	NOZZLE GPM	OPERATING PSI	OPERATING RADIUS (FEET)
	5006+-FC-SAM-NP-SS/8.0	RAIN BIRD 6" POP-UP GEAR DRIVEN ROTOR (TURF) WITH STAINLESS STEEL RISER, INTERNAL CHECK VALVE AND PURPLE CAP	8.0	45	40-44
	5006+-FC-SAM-NP-SS/8.0	RAIN BIRD 6" POP-UP GEAR DRIVEN ROTOR (TURF) WITH STAINLESS STEEL RISER, INTERNAL CHECK VALVE AND PURPLE CAP	8.0	45	40-44
	5006+-FC-SAM-NP-SS/6.0	RAIN BIRD 6" POP-UP GEAR DRIVEN ROTOR (TURF) WITH STAINLESS STEEL RISER, INTERNAL CHECK VALVE AND PURPLE CAP	6.0	45	40-44
	5006+-FC-SAM-NP-SS/4.0	RAIN BIRD 6" POP-UP GEAR DRIVEN ROTOR (TURF) WITH STAINLESS STEEL RISER, INTERNAL CHECK VALVE AND PURPLE CAP	4.0	45	35-40
	RD-06-S-P45-F-NP/ R-VAN 24-360 (360°)	RAIN BIRD POP-UP SPRAY SPRINKLER WITH ROTARY NOZZLE (TURF)	3.48	45	16-24
	RD-06-S-P45-F-NP/ R-VAN 17-24 (45°-270°)	RAIN BIRD POP-UP SPRAY SPRINKLER WITH ROTARY NOZZLE (TURF)	1.68,84	45	16-24
	RD-06-S-P45-F-NP/ R-VAN 8-14 (45°-270°)	RAIN BIRD POP-UP SPRAY SPRINKLER WITH ROTARY NOZZLE (TURF)	0.63, 0.32	45	8-14
	RD-12-S-P45-F-NP/ R-VAN 24-360 (360°)	RAIN BIRD POP-UP SPRAY SPRINKLER WITH ROTARY NOZZLE (SHRUB)	3.48	45	16-24
	RD-12-S-P45-F-NP/ R-VAN 17-24 (45°-270°)	RAIN BIRD POP-UP SPRAY SPRINKLER WITH ROTARY NOZZLE (SHRUB)	1.68,84	45	16-24
	RD-12-S-P45-F-NP/ R-VAN 18-360 (360°)	RAIN BIRD POP-UP SPRAY SPRINKLER WITH ROTARY NOZZLE (SHRUB)	1.85	45	13-18
	RD-12-S-P45-F-NP/ R-VAN 13-18 (45°-270°)	RAIN BIRD POP-UP SPRAY SPRINKLER WITH ROTARY NOZZLE (SHRUB)	1.0, 0.50	45	13-18
	RD-12-S-P45-F-NP/ R-VAN 14-360 (360°)	RAIN BIRD POP-UP SPRAY SPRINKLER WITH ROTARY NOZZLE (SHRUB)	1.27	45	8-14
	RD-12-S-P45-F-NP/ R-VAN 8-14 (45°-270°)	RAIN BIRD POP-UP SPRAY SPRINKLER WITH ROTARY NOZZLE (SHRUB)	0.63, 0.32	45	8-14
	1401 SERIES	RAIN BIRD BUBBLER (SHRUB)	0.25	30	TRICKLE
	RWS-B-C-1402 RWS-SOCK RWS-GRATE	RAIN BIRD ROOT WATERING SYSTEM WITH FILTER FABRIC SLEEVE AND PURPLE GRATE (TREE) MIN. 2 PER TREE. REFER TO BUBBLER DETAIL FOR QUANTITY OF BUBBLERS PER TREE SIZE.	0.50	30	TRICKLE
	PEB-R SERIES	RAIN BIRD REMOTE CONTROL VALVE			
	44 NP 44-K SH-2	RAIN BIRD QUICK COUPLING VALVE WITH PURPLE LOCKING CAP, VALVE KEY AND SWIVEL			
	3200200	SUPERIOR MASTER VALVE-2" (NORMALLY CLOSED) INSTALL 2 #14 GAUGE WIRES (1) BLUE, (1) WHITE FROM MASTER VALVE TO CONTROLLER. USE 3M SCOTCHLOC 3570G-N SPLICE KITS ON WIRE CONNECTIONS.			
	FM1.5U	CALSENSE ULTRA SONIC 1.5" PVC FLOW SENSOR. INSTALL 2 #14 GAUGE WIRES (1) BLACK, (1) RED FROM FLOW METER TO CONTROLLER. USE 3M SCOTCHLOC 3570G-N SPLICE KITS ON WIRE CONNECTIONS.			
	T-113-K	NIBCO BRONZE GATE VALVE (LINE SIZE)			
	2-T SCANAWAY PBB-30	RW FILTER ASSEMBLY INCLUDING AMIAD 2" SCANAWAY SUPER-T FILTER WITH 130 MICRON FILTER ELEMENT, BALL VALVES (2) AND INSULATING COVER. REFER TO CITY DETAIL PK-4 SHEET L3.7			
	REFER TO CIVIL PLANS	2" WATER METER FOR IRRIGATION			
	CS3-24-S/ CS3-GR-BUNDLE-2	CALSENSE CS3000 32 STATION CONTROLLER IN A STAINLESS STEEL PEDESTAL ENCLOSURE; INCLUDES STUBBY ANTENNA AND 4G LTE COMMUNICATION WITH A 10-YEAR DATA PLAN. INSTALLATION CONTRACTOR SHALL CONTACT CALSENSE JENNIFER GREGORIS (925) 325-9368 JENNIFERG@CALSENSE.COM TO REQUEST A CALSENSE SITE REVIEW TO WHAT WAS SPECIFIED IS INSTALLED PER MANUFACTURER'S SPECIFICATION.			
	1-5VFD-230-1	CUSTOMFLOW BOOSTER PUMP ASSEMBLY PROVIDED BY V-POWER EQUIPMENT INC.REFER TO SHEET L3.6 FOR PUMP MODEL, PUMP SPECIFICATIONS, PRICING AND ORDERING INFORMATION.			
	APPROVED	ADVISORY RECYCLED WATER SIGN			

CONTROLLER AND STATION NUMBER

FLOW (GPM)

REMOTE CONTROL VALVE SIZE (IN INCHES)

ASSOCIATED REMOTE CONTROL VALVE

- CONTROLLER AND STATION NUMBER
- FLOW (GPM)
- REMOTE CONTROL VALVE SIZE (IN INCHES)
- ASSOCIATED REMOTE CONTROL VALVE



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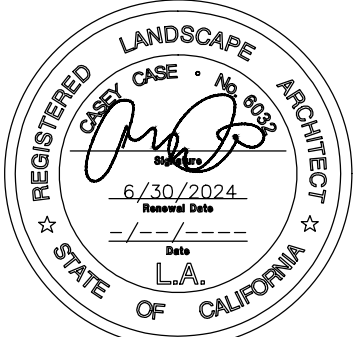
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LEMONADE LANE
ROSEVILLE
CA

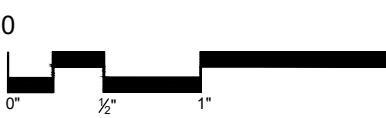
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Walnut Creek, CA 94597
tel 925.939.3985 ♦ fax 925.932.5671
www.rmairrigation.com

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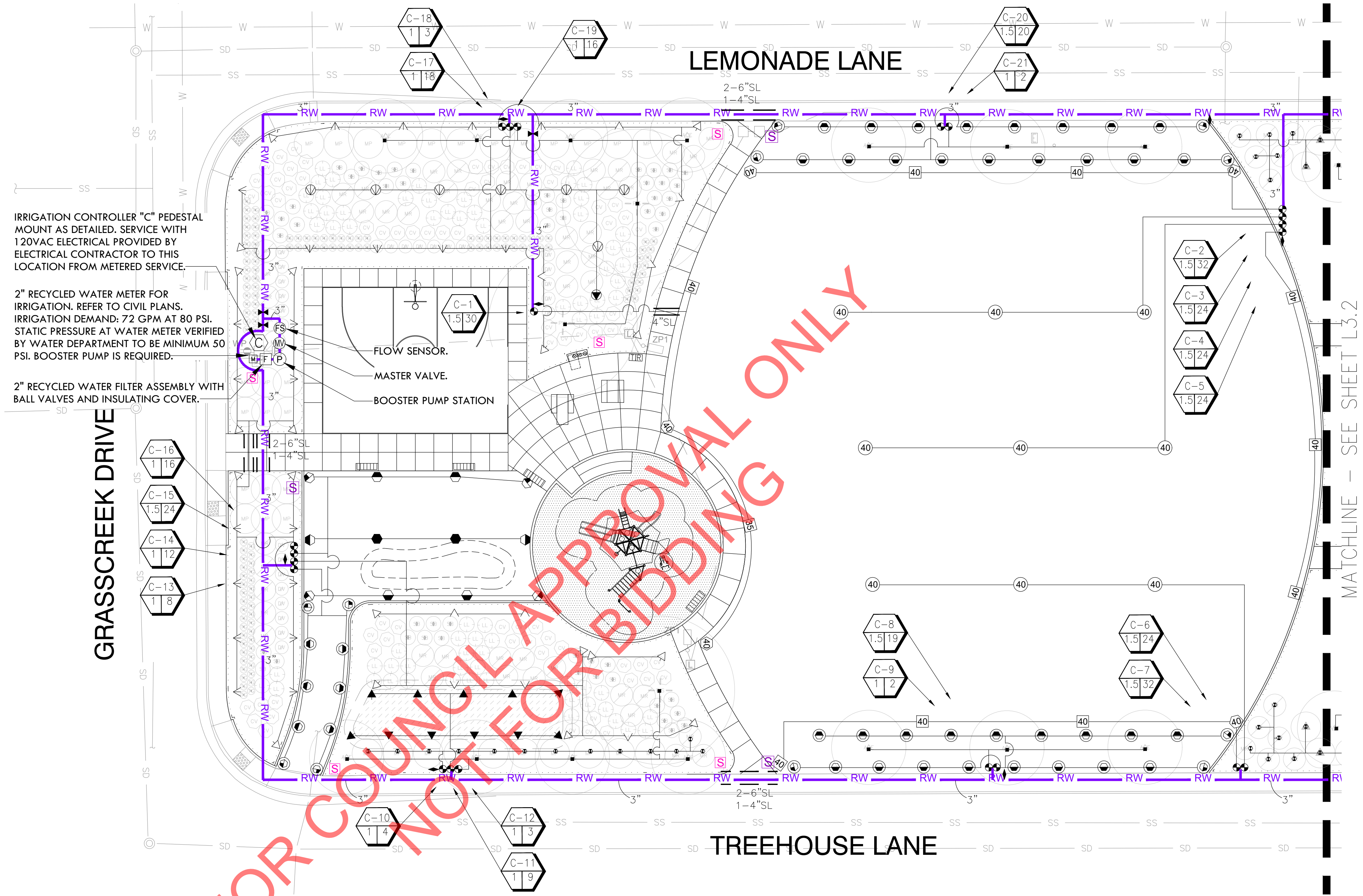
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DRAWN: JB
CHECK: JB
DATE: 09/06/24
SCALE: NTS



IRRIGATION NOTES AND
LEGEND

L3.0

PATH: \\RMASRA\COMPANYDATA\2024\24-024 C-63 PARK - ROSEVILLE\CAD\000620_DG-HR-063.DWG
PLOT DATE: 12/19/2024 6:34 PM



FOR COUNCIL APPROVAL ONLY

- NOTES:
- ONE BUBBLER SYMBOL IS SHOWN AT TREES FOR GRAPHIC CLARITY ONLY. INSTALL MINIMUM TWO BUBBLERS AT EACH TREE. INSTALL REQUIRED NUMBER OF BUBBLERS AS DETAILED.
 - IRRIGATION EQUIPMENT MAY BE SHOWN WITHIN HARDSCAPE FOR GRAPHIC CLARITY ONLY. INSTALL ALL IRRIGATION EQUIPMENT WITHIN PLANTED AREAS. IRRIGATION PIPE AND WIRE CROSSING BENEATH HARDSCAPE SURFACES SHALL BE CONTAINED WITHIN SLEEVING OR SCHEDULE 40 PVC CONDUIT. SLEEVING SIZE SHALL BE A MINIMUM OF TWO TIMES THE AGGREGATE DIAMETER OF ALL PIPES CONTAINED WITH SLEEVE. PROVIDE VERTICAL SWEEP FOR ALL ELECTRICAL CONDUIT ON EACH SIDE OF HARDSCAPE AND TERMINATE ENDS AT 12" MINIMUM DEPTH AND 12" FROM HARDSCAPE SURFACE.
 - SIZING OF LATERAL PIPE SHALL BE AS FOLLOWS:

0.75"	0-6 GPM
1"	7-12 GPM
1.25"	13-20 GPM
1.5"	21-32 GPM
2"	33-50 GPM
 - SIZING OF LATERAL PIPE FOR DRIPLINE (12" O.C. GRID WITH 0.6 GPH OR LESS EMITTERS) SHALL BE AS FOLLOWS:

0.75	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT
1.5"	2001-3000 FT



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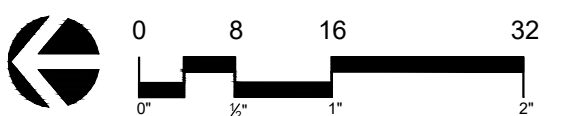
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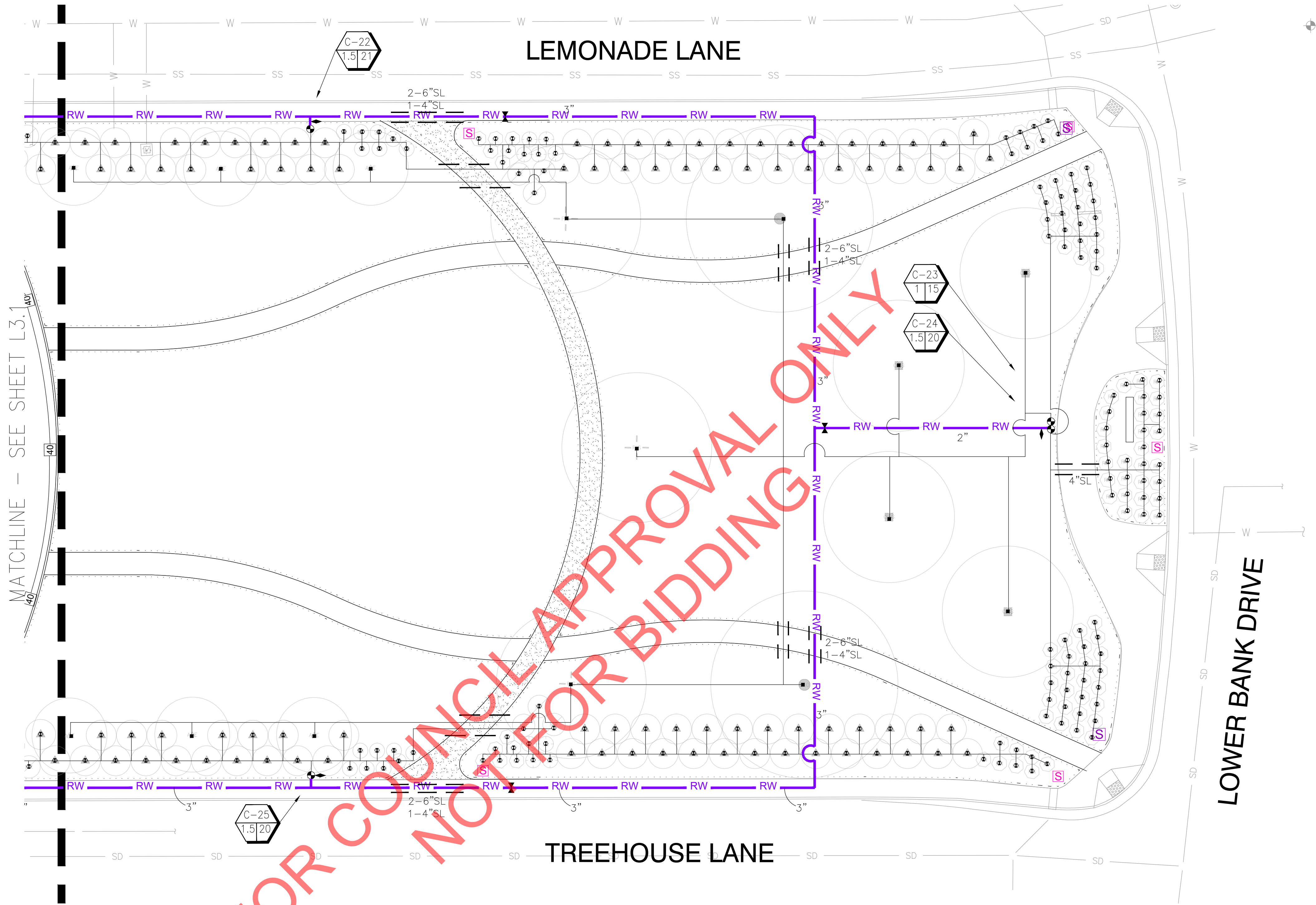
PROJECT NUMBER:
DRAWN: JB
CHECK: JB
DATE: 09/06/24
SCALE: 1/16" = 1'-0"



IRRIGATION PLAN

L3.1

PATH: \\RMASR\COMPANYDATA\2024\24-024 C-63 PARK - ROSEVILLE\CAD\10062CD_DG-HR-063.DWG
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NOTES:

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0.75	0-500 FT
1"	501-1100 FT
1.25"	1101-2000 FT
1.5"	2001-3000 FT



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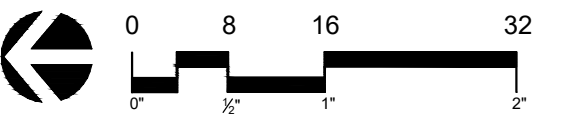
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CHECK: JB
DATE: 09/06/24
SCALE: 1/16" = 1'-0"



IRRIGATION PLAN

L3.2

PATH: \\NASRA\COMPANYDATA\2024\24-024 C-63 PARK - ROSEVILLE\CAD\000620\DG-RR-RLD-C63.DWG
PLOT DATE: 12/19/2024 6:38 PM

City of Roseville Recycled Water Special On-Site Irrigation Notes

- The installation of the recycled water system shall conform to the regulations for the construction of recycled water systems within the City of Roseville and the accompanying plans and specifications.
- All on-site recycled and potable water piping installed on this project shall be identified in accordance with the City of Roseville Construction Standards for recycled water infrastructure and the irrigation specifications.
- City of Roseville Environmental Utilities Department shall be notified two days prior to the start of construction at (916) 774-5750 and each workday thereafter until completion of project for commercial irrigation systems. City of Roseville Parks Department shall be notified two days prior to the start of construction at (916) 746-1758 for landscape corridors and parks. A pre-construction materials inspection must be arranged prior to the start of construction.
- No facility is to be backfilled until inspected by the City of Roseville Environmental Utilities Department and /or Parks Department Inspector.
- All recycled water infrastructure, both on-site and off-site, shall be inspected by City of Roseville Development Services Department. For inspection of recycled water system contact Development Services forty-eight (48) hours in advance. Points of inspection are:
 - Pre-construction materials inspection.

DS
RW 7 of 16

- Constant pressure lines 3" and larger.....24"
- Pressure and cross connection testing for On-Site Recycled water systems:
 - All testing of recycled water systems must be performed utilizing a potable water source via a construction water connection per City of Roseville Construction Standards. No recycled water may connect to a recycled water system until all testing is successfully complete.
 - The source of potable water used for testing must have a meter and an approved back flow prevention device. These can be obtained through the City of Roseville.
 - The contractor shall provide a means to plumb in pressure and cross connection testing apparatus at the point of highest elevation, for both potable and constant pressure recycled water systems.
 - The constant pressure recycled water system including all appurtenances shall be tested at 125 PSI at highest point of elevation for 1 hour with no detectable leakage.
 - Pressure testing must be successfully completed prior to cross connection testing.
 - The recycled water system shall be tested for cross-connection in accordance with Uniform Plumbing Code Appendix J prior to use.
 - For projects being performed in phases, a cross connection test shall be performed on each phase independently before it is put into service. The potable water source used for testing each phase must be independent of other previously completed phases.
 - At the time a cross connection test is to be performed, construction on both the potable and the recycled water systems being tested must be complete, and both systems fully operational and functioning as designed.
 - Cross connection testing shall be performed on the system by City forces with the assistance of the Contractor. The test will be coordinated through the Environmental Utilities or Parks Department inspector. Two (2) business days advance notice is required for the test. Depending on the complexity of the site, a preliminary field meeting may also be required.
- Coverage test
 - Adjust spray heads to eliminate overspray onto native oak areas and into areas not under the control of the customer such as pool decks, private patios, streets, sidewalks, and other similar facilities.

DS
RW 10 of 16

- Irrigation system installation before lines are covered.
 - Pressure testing.
 - System cross connection control test.
 - System coverage test.
 - Signage.
- All recycled water piping shall be purple colored PVC unless otherwise specified. Where purple PVC is not used, pipe shall be identified (marked) in accordance with the City of Roseville Construction Standards.
- Marking on the purple colored PVC pipe shall include the following:

"RECYCLED WATER- DO NOT DRINK" in English and "NO BEBER" in Spanish

Nominal pipe size. PVC-1120. Pressure rating in pounds per square inch at 73 degrees. ASTM designations such as 1785, 2241, 1672, 3139. Printing shall be placed continuously on two sides of the pipe.
- All recycled water sprinkler control valves, valve risers, sprinkler risers, and swing joints shall be tagged with identification tags or adhesive labels.
 - Tags shall be weatherproof plastic, 3" x 4", purple color with the words "RECYCLED WATER - DO NOT DRINK" imprinted on one side, and "AGUA Reciclada on the other side. Imprinting shall be permanent and black in color. Use tags as manufactured by T. Christy Enterprises or approved equal.
- One tag shall be attached to each valve as follows:
 - Attach to valve stem directly or with plastic tie-wrap; or,
 - Attach to solenoid wire directly or with plastic tie-wrap.
- Recycled water warning labels or stickers that are consistent with City of Roseville Construction Standards for recycled water infrastructure and the irrigation specifications must be attached to all piping not in compliance.
- All sprinkler heads must be designed for recycled water usage, with purple recycled water warning caps.
- Sprinkler risers and swing joints shall be identified with purple adhesive 3" x 3" labels. Each label shall state "Recycled Water – Do Not Drink" in English and Spanish.

DS
RW 8 of 16

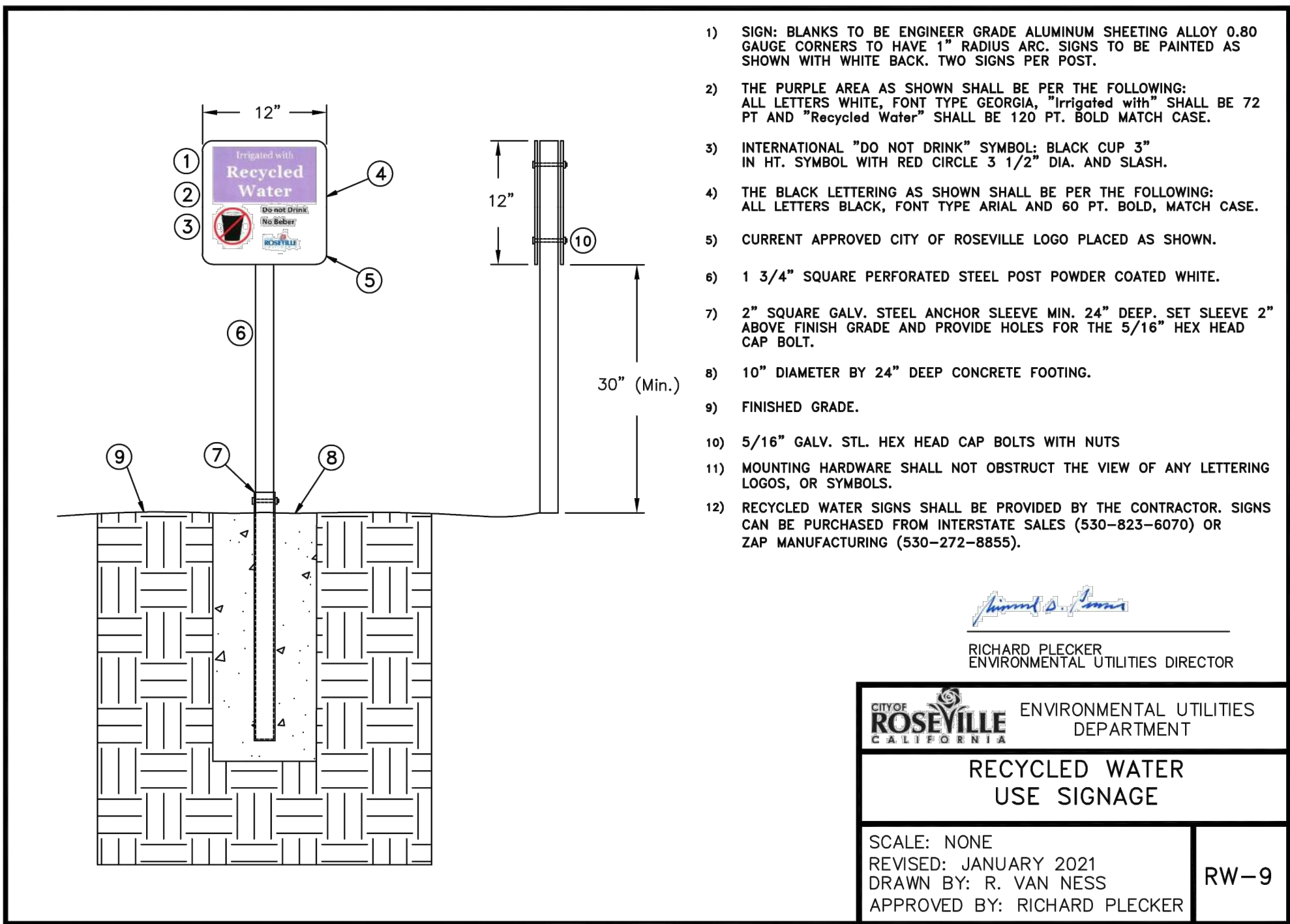
- Meter Installation
 - Once the on-site recycled water system has been properly inspected and passed pressure and cross connection testing, a meter may be installed. The meter must be purchased from the City of Roseville and installed by city forces. Coordinate meter purchase and installation with the Environmental Utilities or Parks Department inspector.
- No connection shall be made to the City's existing recycled water system until the new facilities have been successfully pressure and cross connection tested. Taps to the existing recycled system will be made by City forces only.
- Failure to comply with the above guidelines violates the City of Roseville design and construction standards for recycled water infrastructure and will result in termination of service until the appropriate corrective steps have been taken.

DS
RW 11 of 16

- All recycled water control valve boxes shall be purple and have a warning label permanently molded into or affixed onto the lid with rivets, bolts, etc. Warning labels shall be constructed of a purple weatherproof material with the warning permanently stamped or molded into the label. The warning shall contain the following information in English and Spanish:

"RECYCLED WATER".
"DO NOT DRINK" in English and
"NO BEBER" in Spanish.
- Recycled water quick coupling valves shall have a purple rubber or vinyl cover. The cover shall be of a locking type and have a warning permanently stamped or molded as follows: "RECYCLED WATER – DO NOT DRINK" in English and "NO BEBER" in Spanish.
- Plastic warning tape shall be used on all potable water piping; potable water warning tape shall be a minimum of 3 inches wide and shall run continuously for the entire length of each line. The tape shall be attached to the top of the pipe with nylon tie-wrap banded around the warning tape and the pipe every five feet on center. Warning tape for the potable water piping shall be blue in color with words "CAUTION: POTABLE WATER LINE BURIED BELOW" imprinted in minimum 1-inch high letters, black in color. Imprinting shall be continuous and permanent.
- All pressure main line piping from the recycled water system shall be installed to maintain 10 feet minimum horizontal separation from all potable water piping. Where recycled and potable water pressure main line piping cross, the recycled water piping shall be installed 12" below the potable water piping OD to OD. Where the recycled water pressure main line must pass above potable water piping, the recycled water piping shall be installed in a class 200 purple colored PVC sleeve which extends a minimum of five feet on either side of the potable water piping. A 12" vertical separation OD to OD must be maintained. Conventional (white) PVC pipe may be used for sleeving material if it is taped with three-inch wide purple warning tape, which reads "RECYCLED WATER-DO NOT DRINK" in English and "NO BEBER" in Spanish.
- All pressure main line piping from the recycled water system shall be installed to maintain a ten foot minimum horizontal separation from all sanitary sewer lines. Where recycled and sewer cross, the recycled water piping shall be installed a minimum of one foot above sewer.
 - Intermittent pressure lines (All sizes) 12"
 - Constant pressure lines 2.5" and smaller 18"

DS
RW 9 of 16



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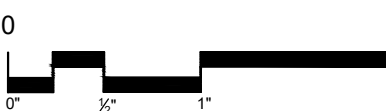
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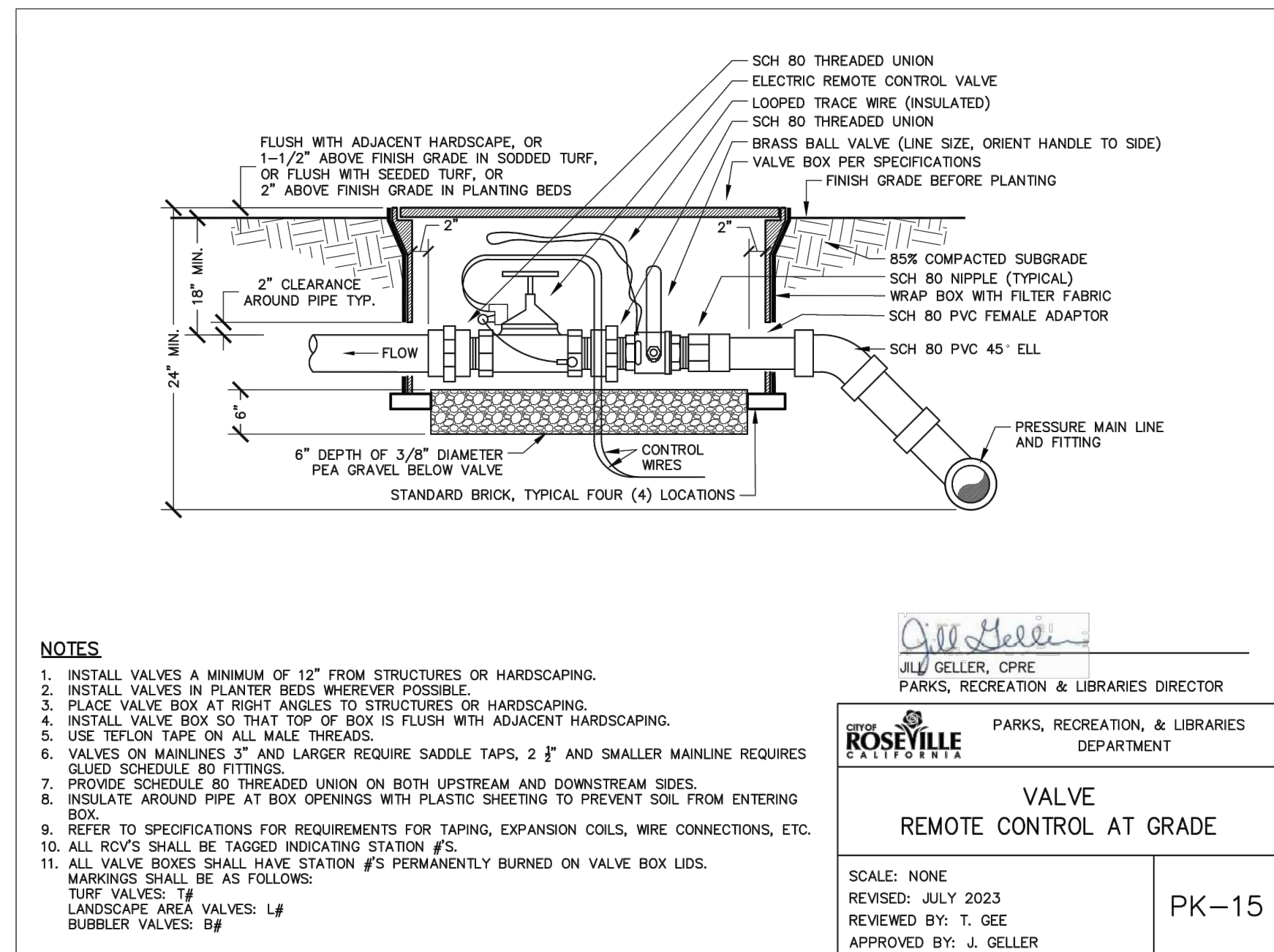
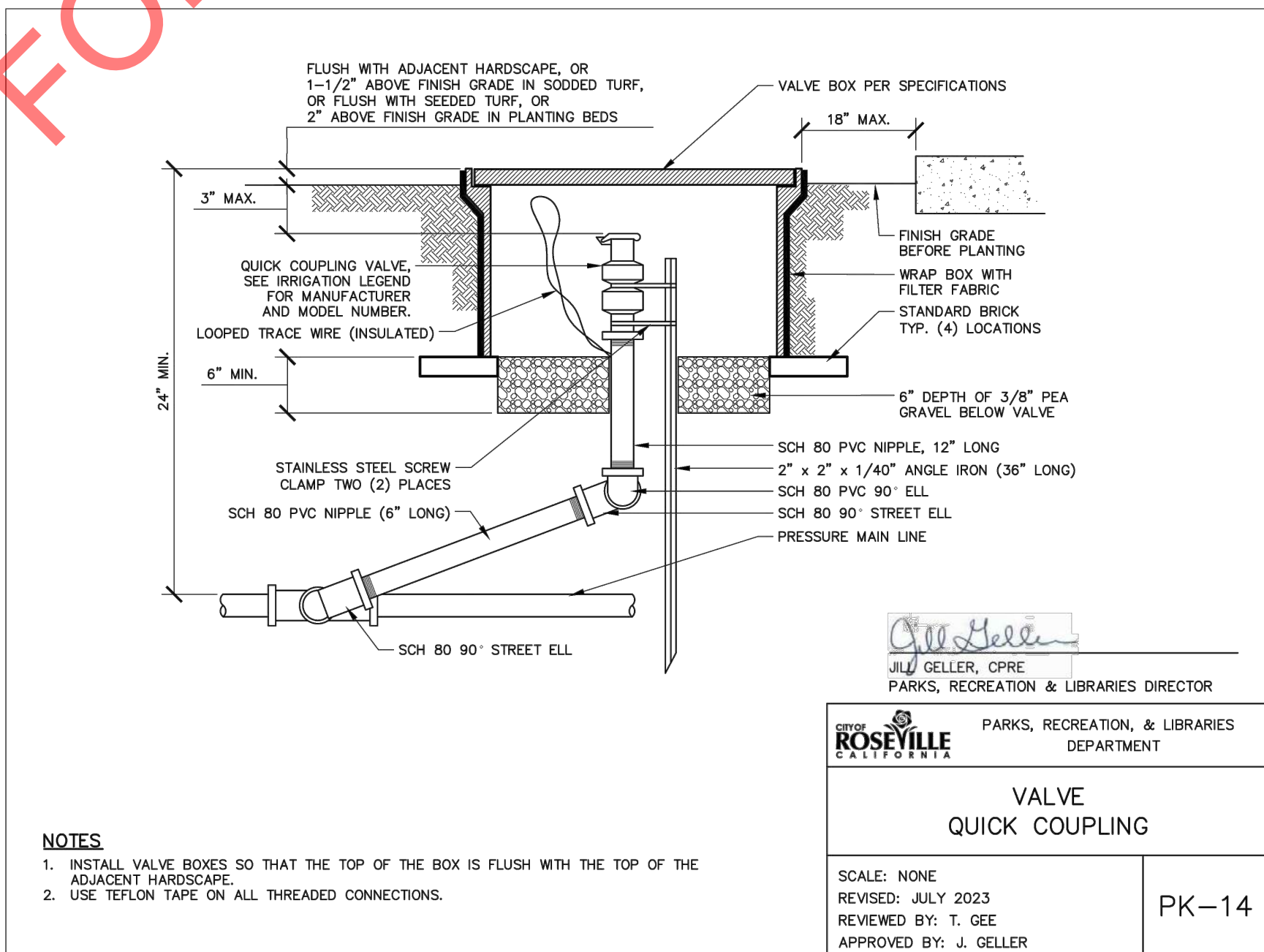
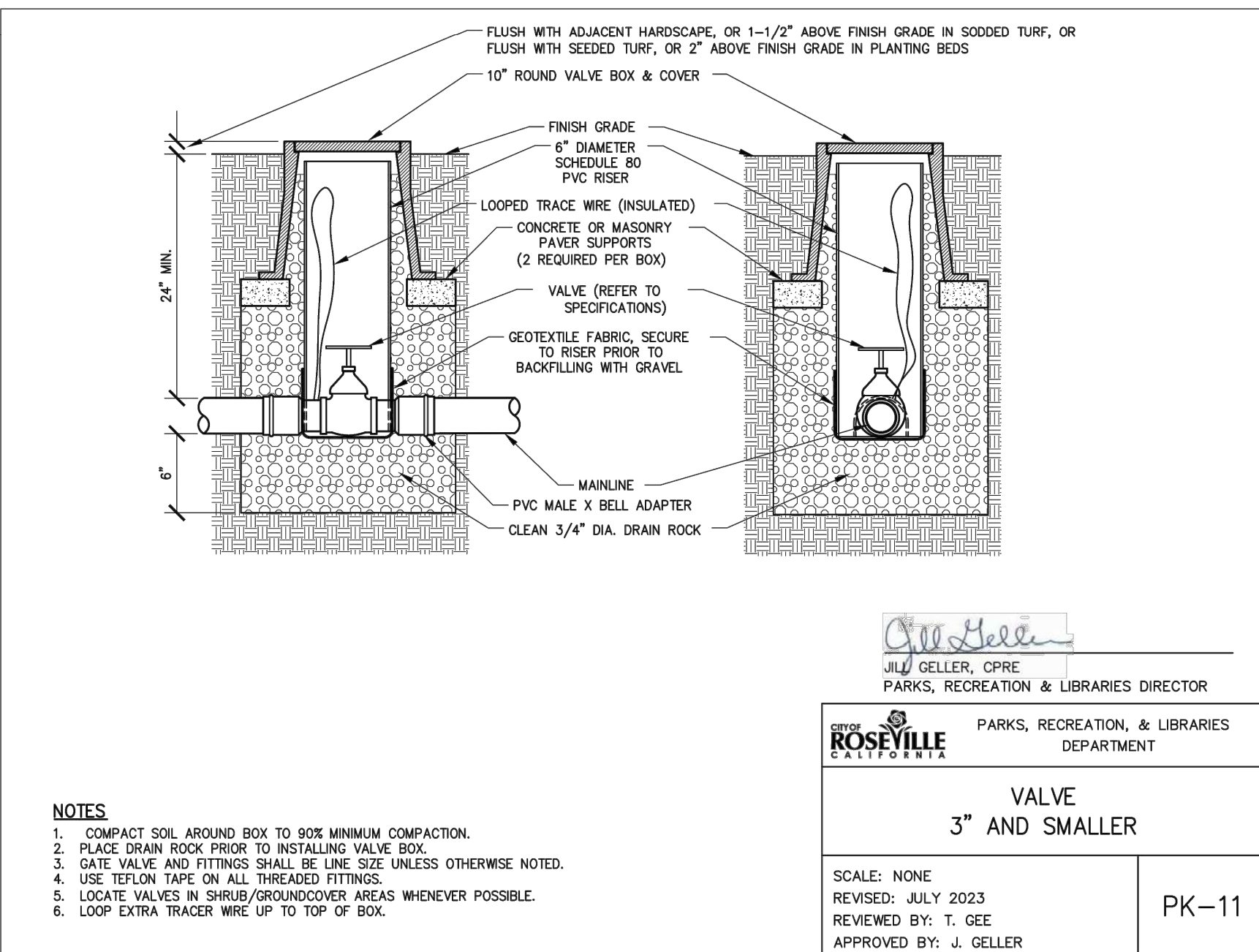
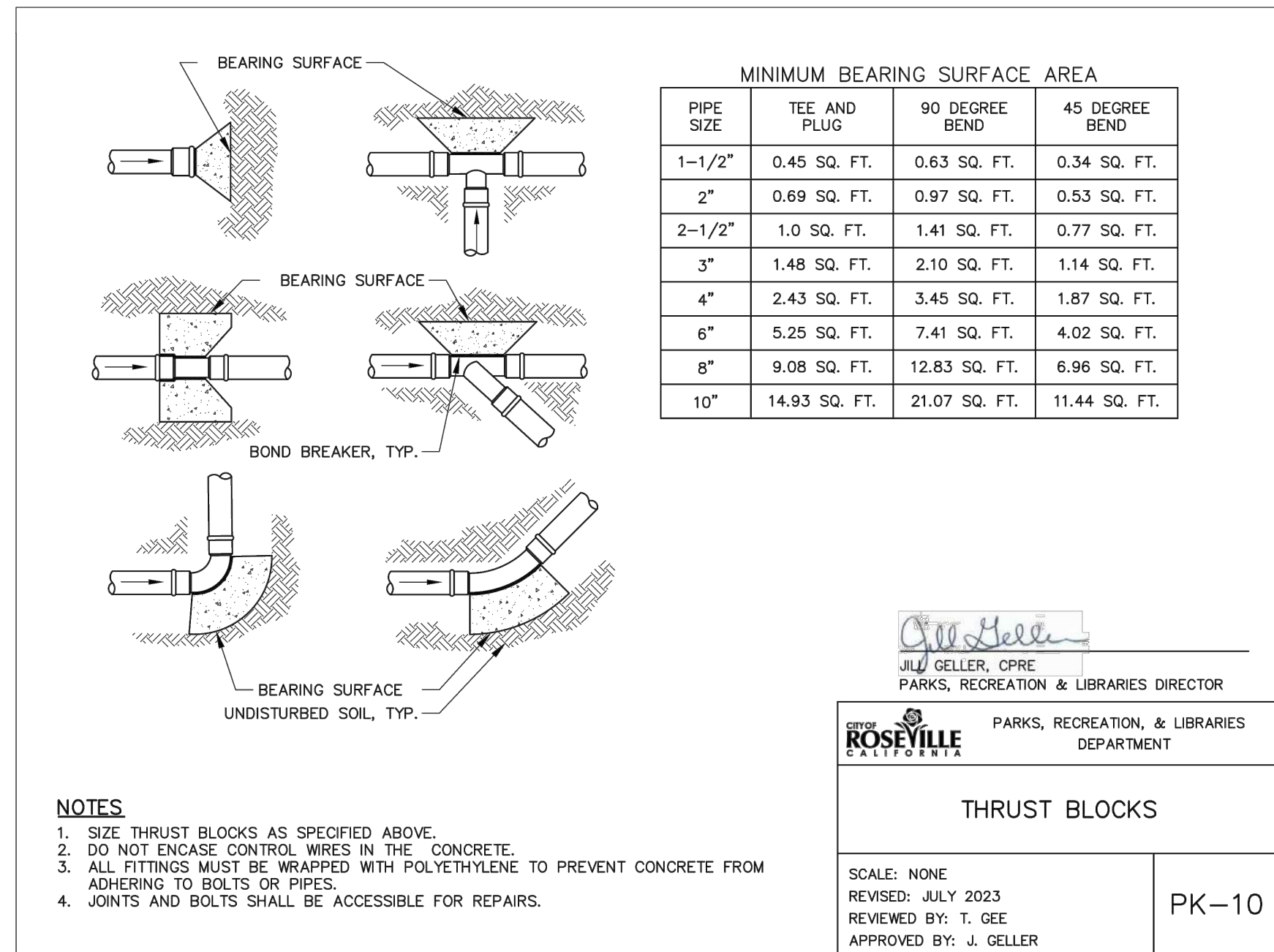
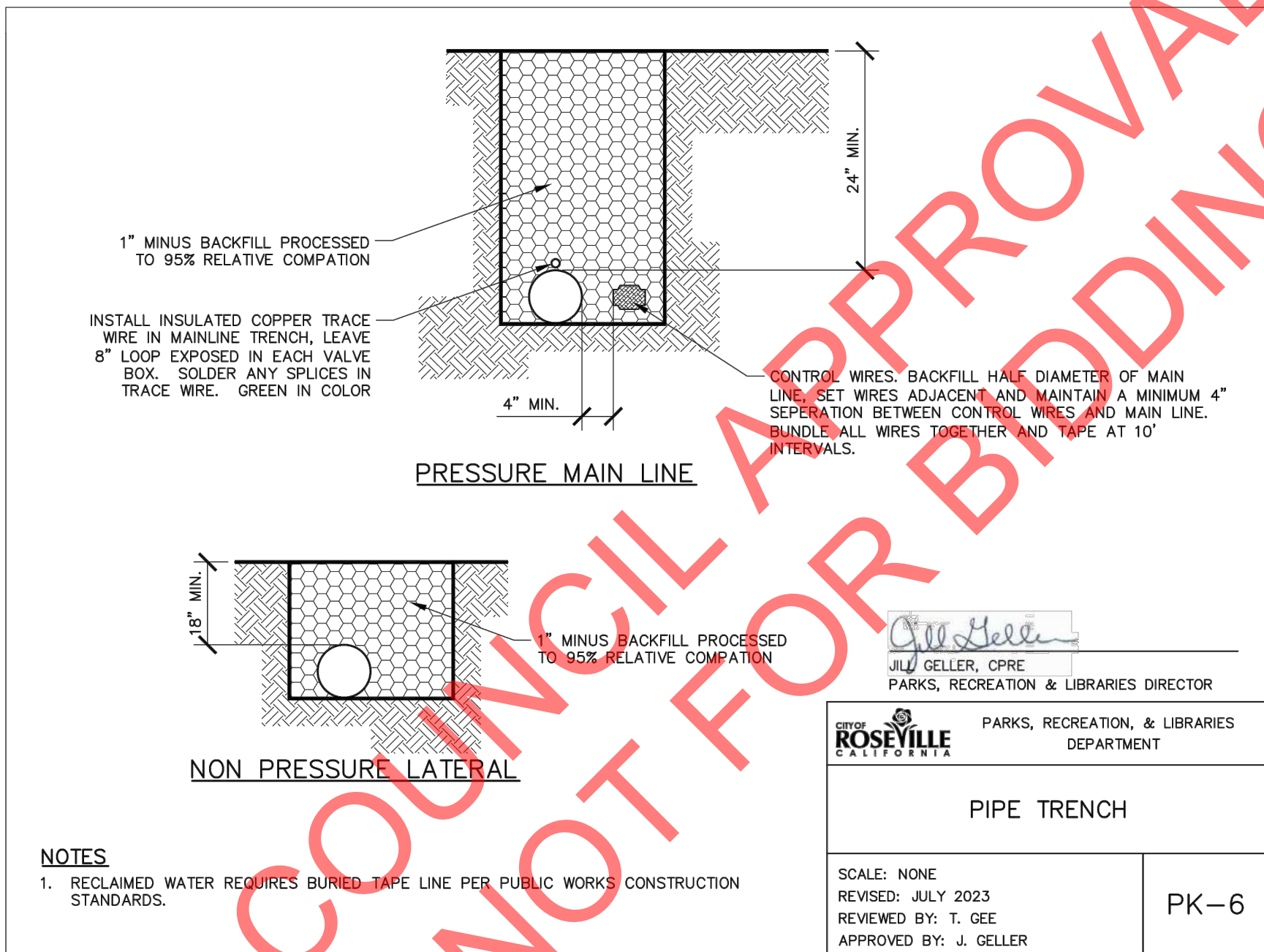
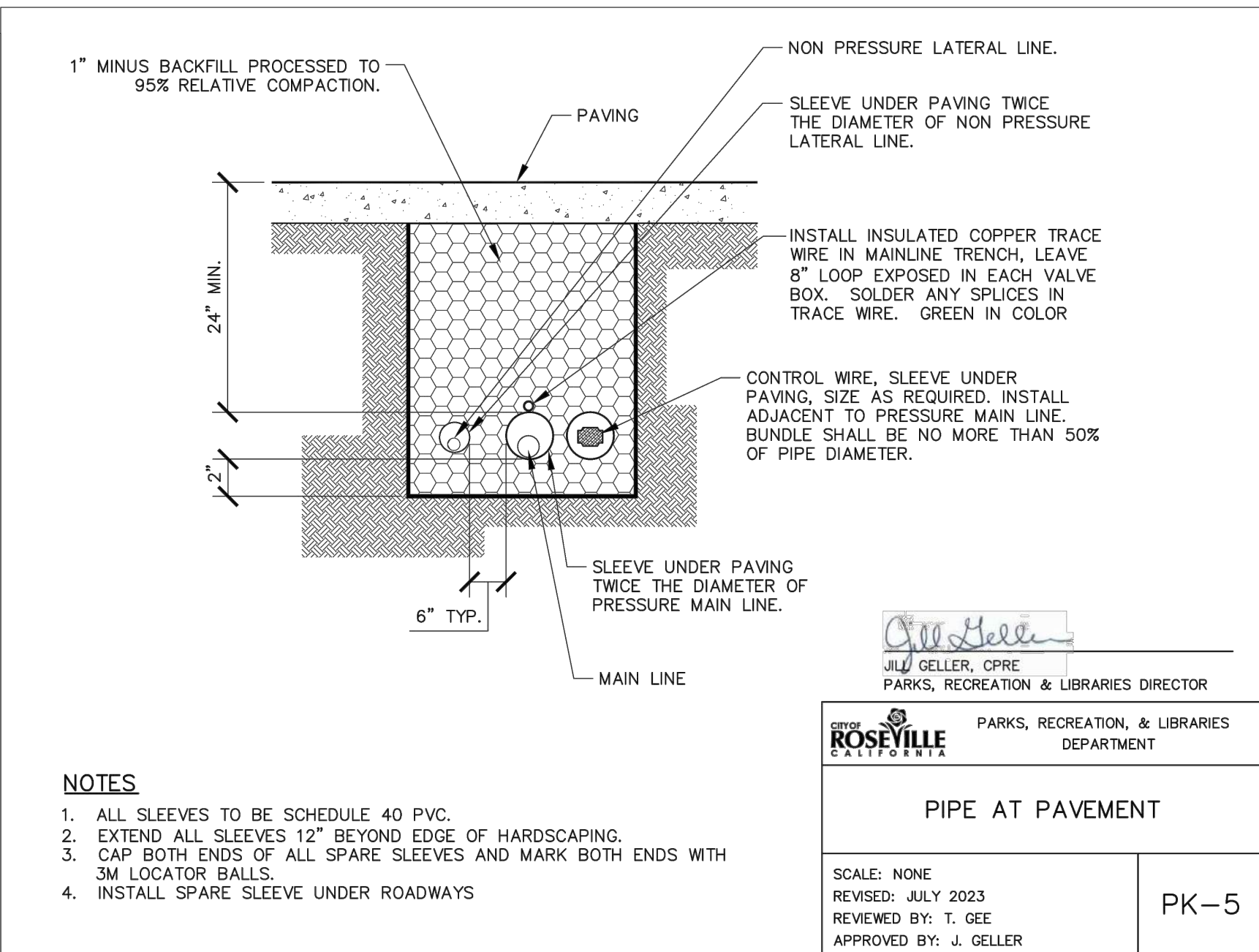
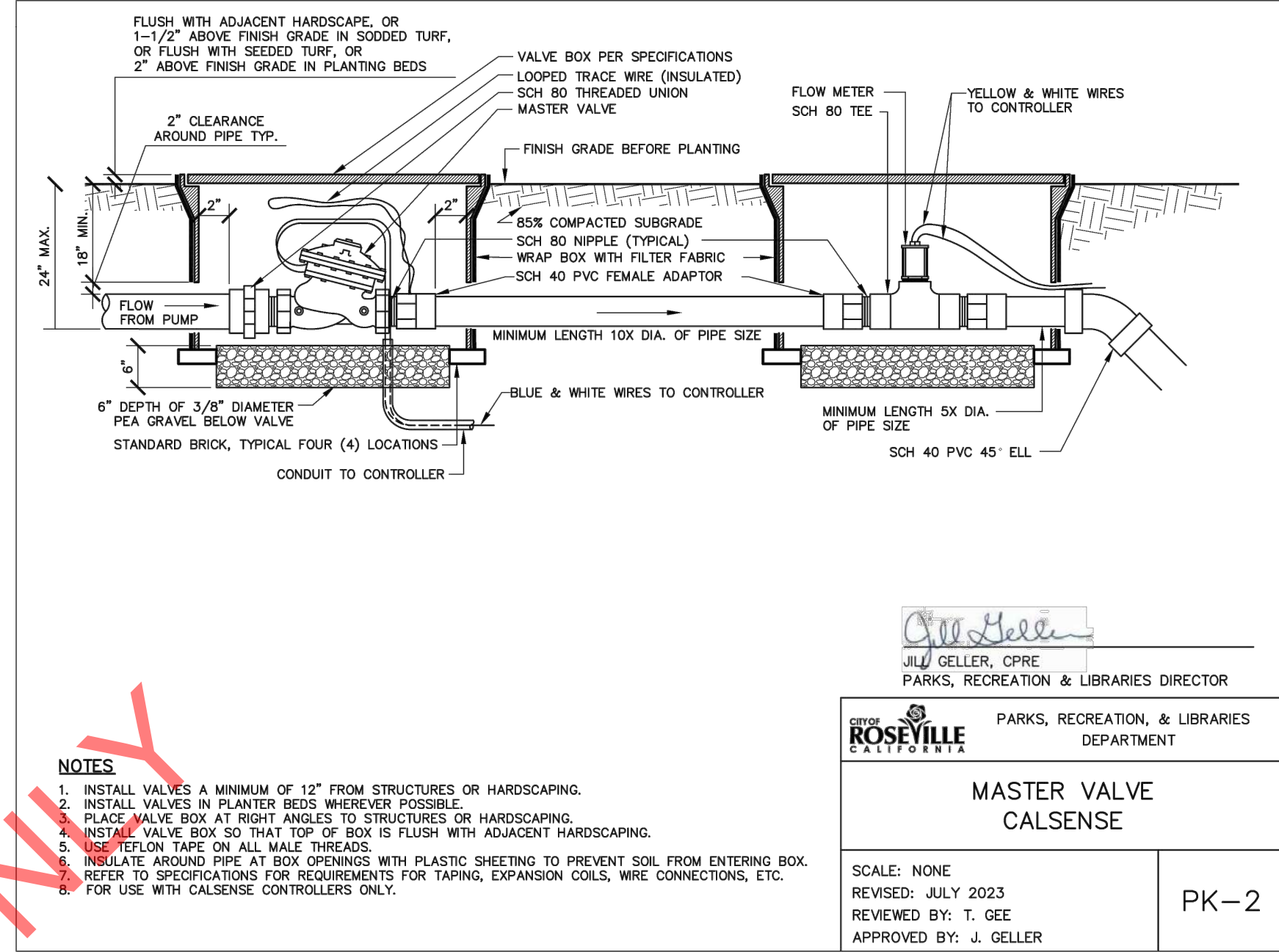
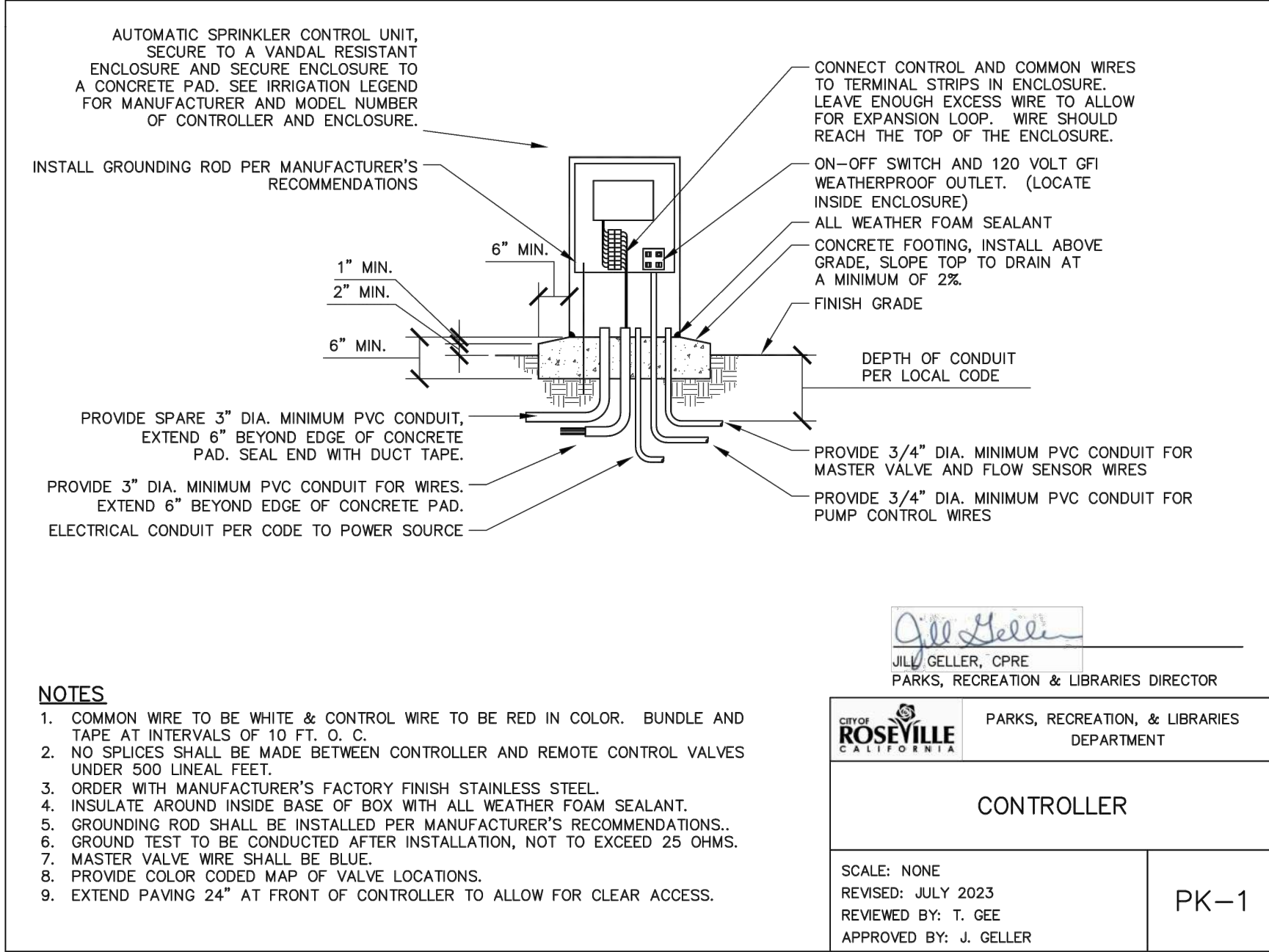
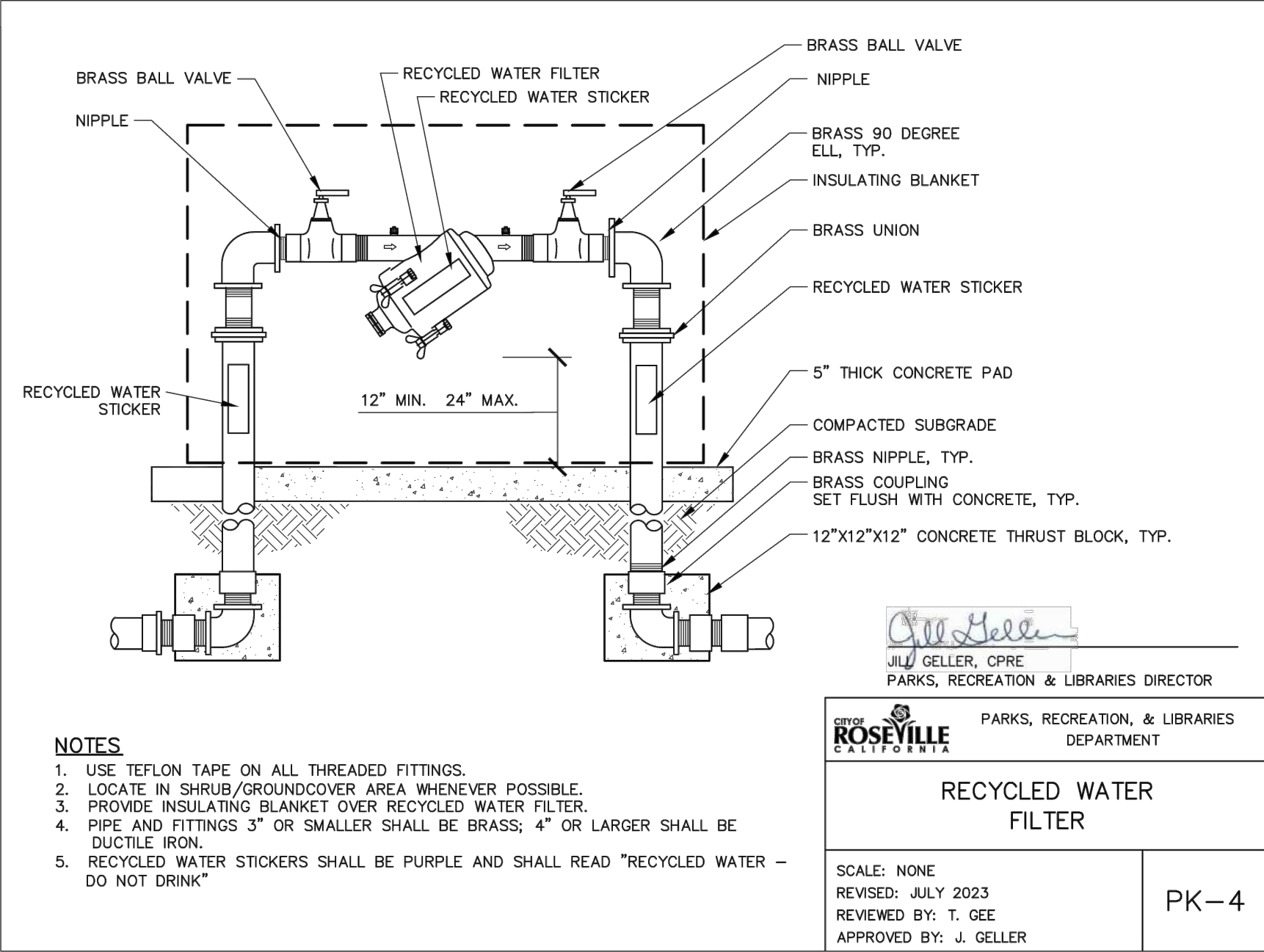
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CHECK: JB
DATE: 09/06/24
SCALE: NTS



IRRIGATION RECYCLED
WATER NOTES

L3.3

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DRAWN: JB
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SCALE: NTS

IRRIGATION DETAILS

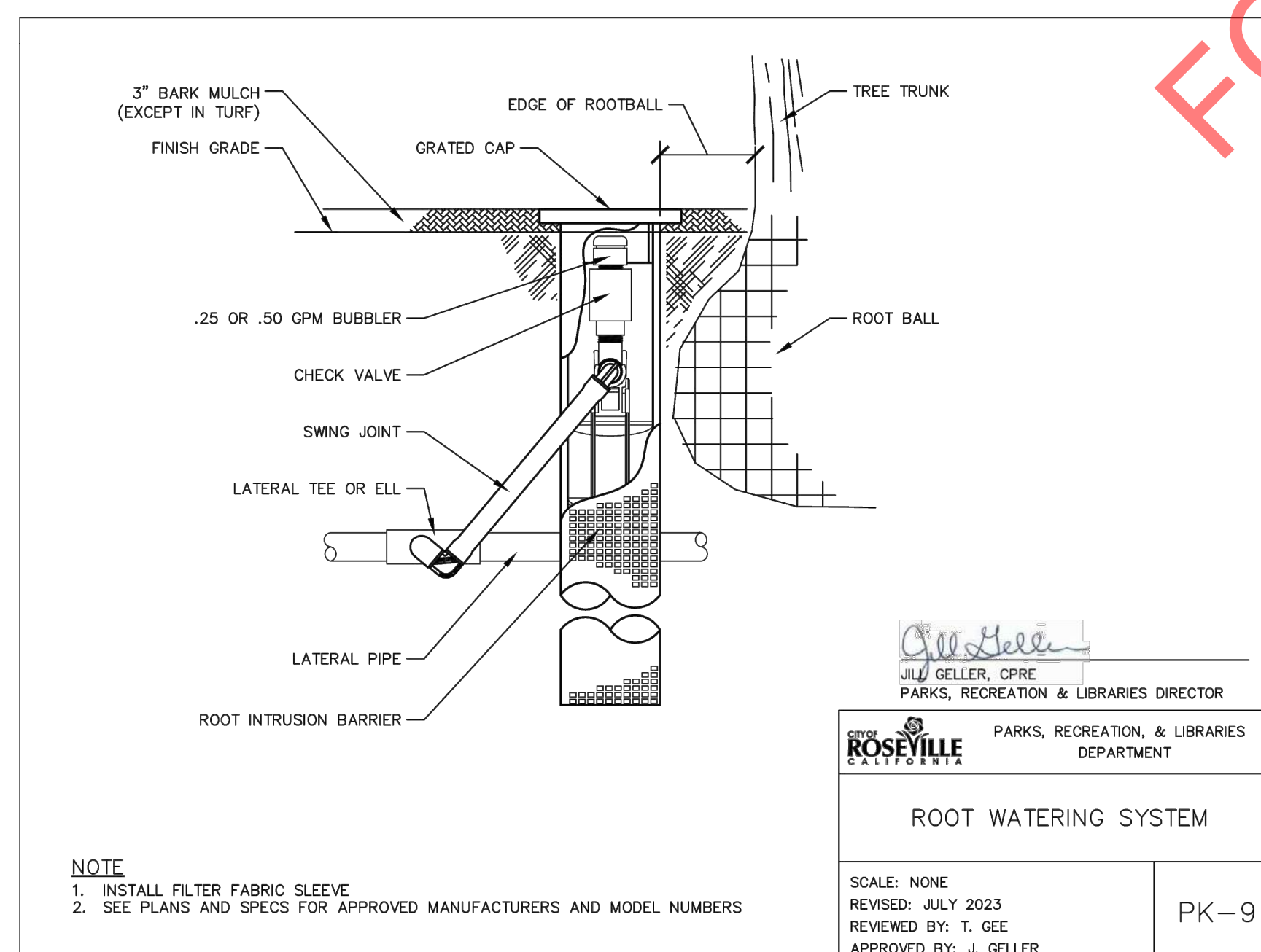
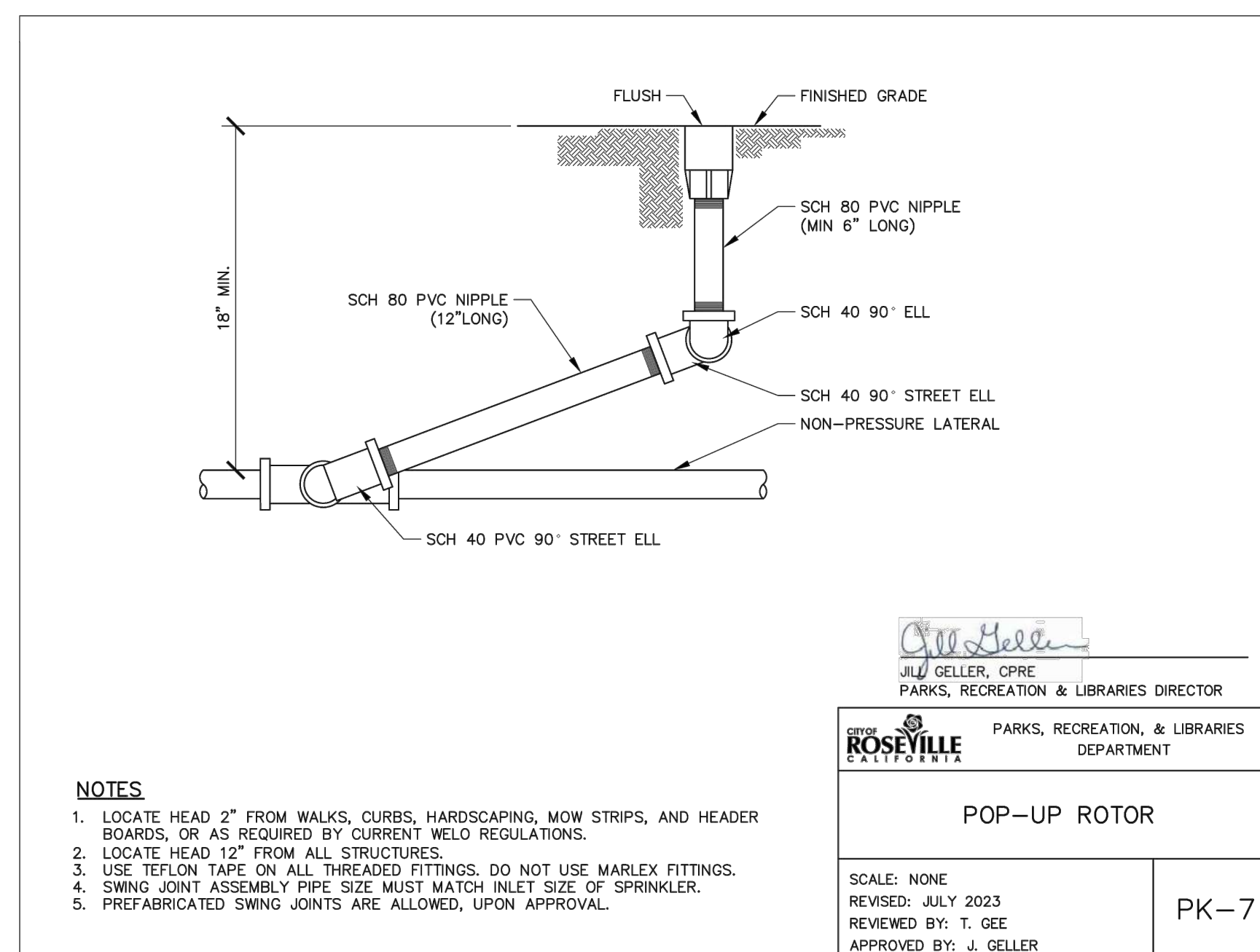
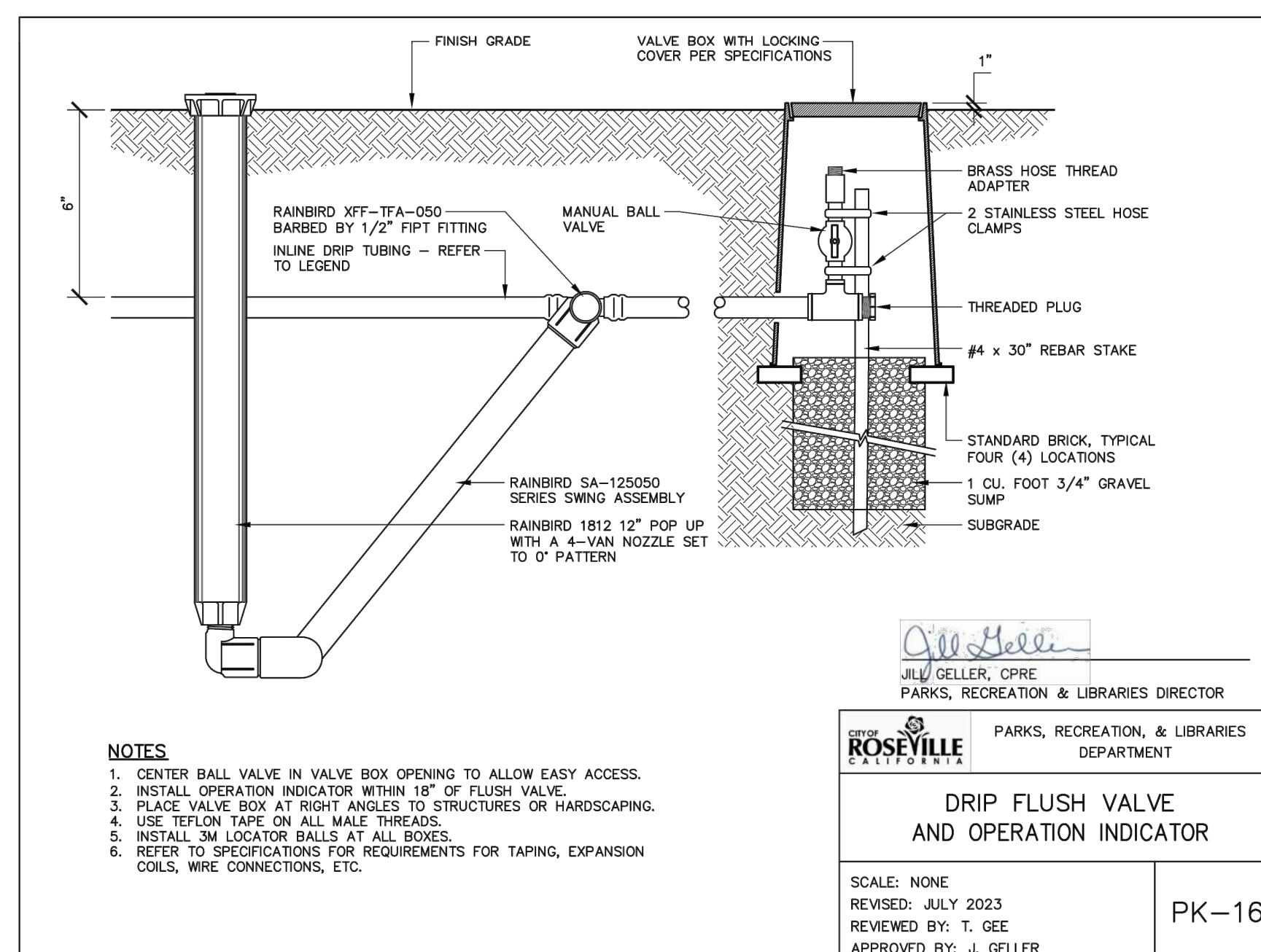
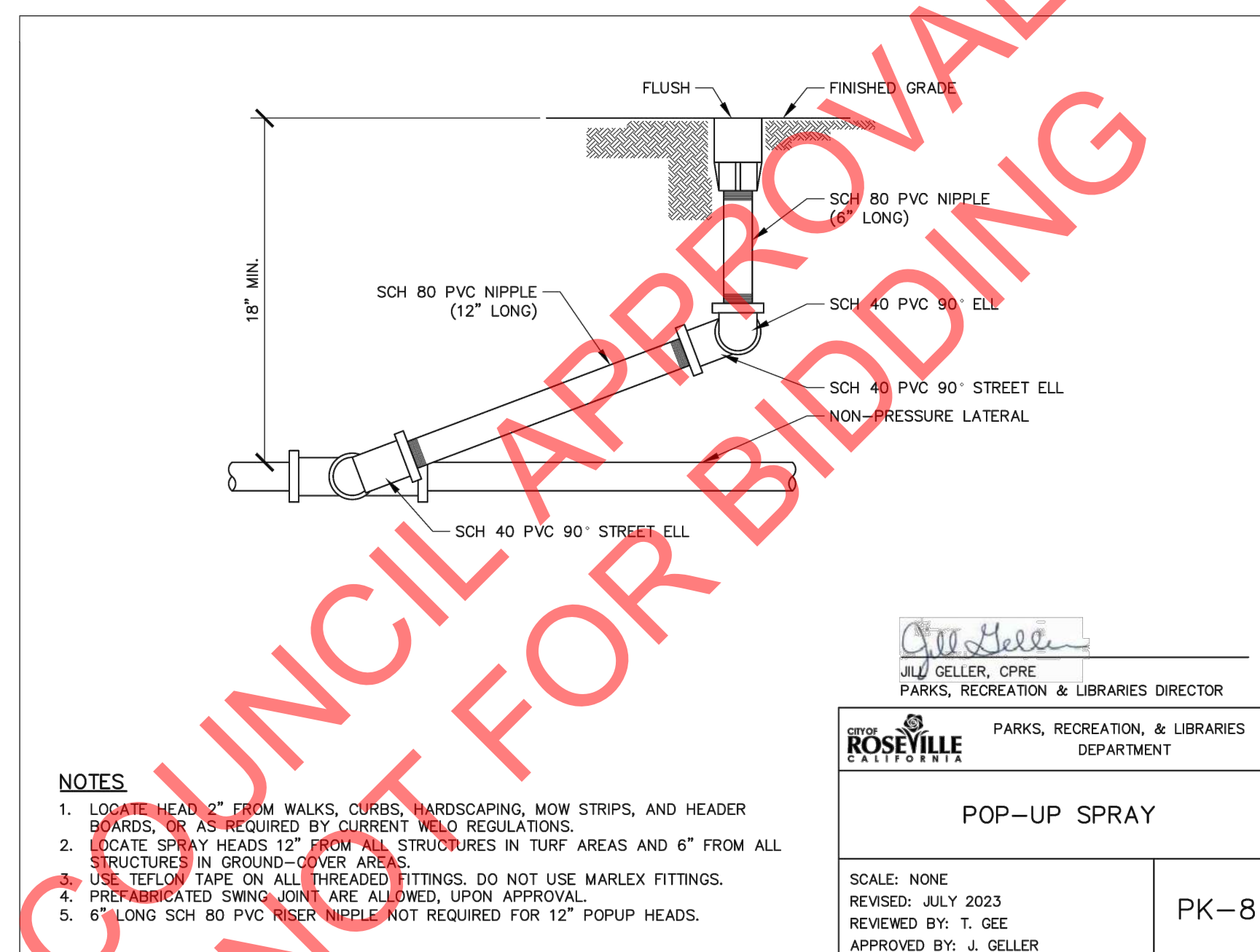
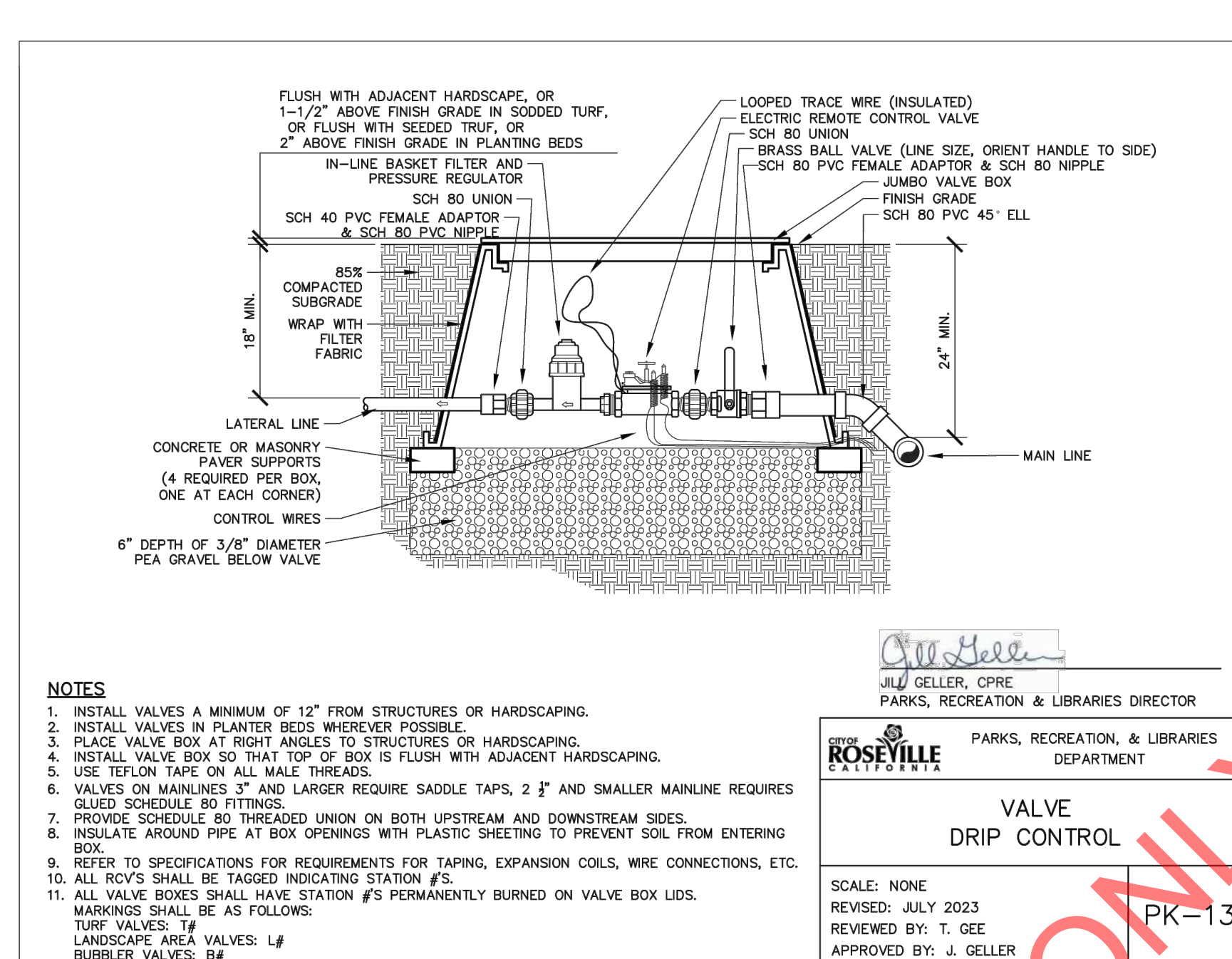
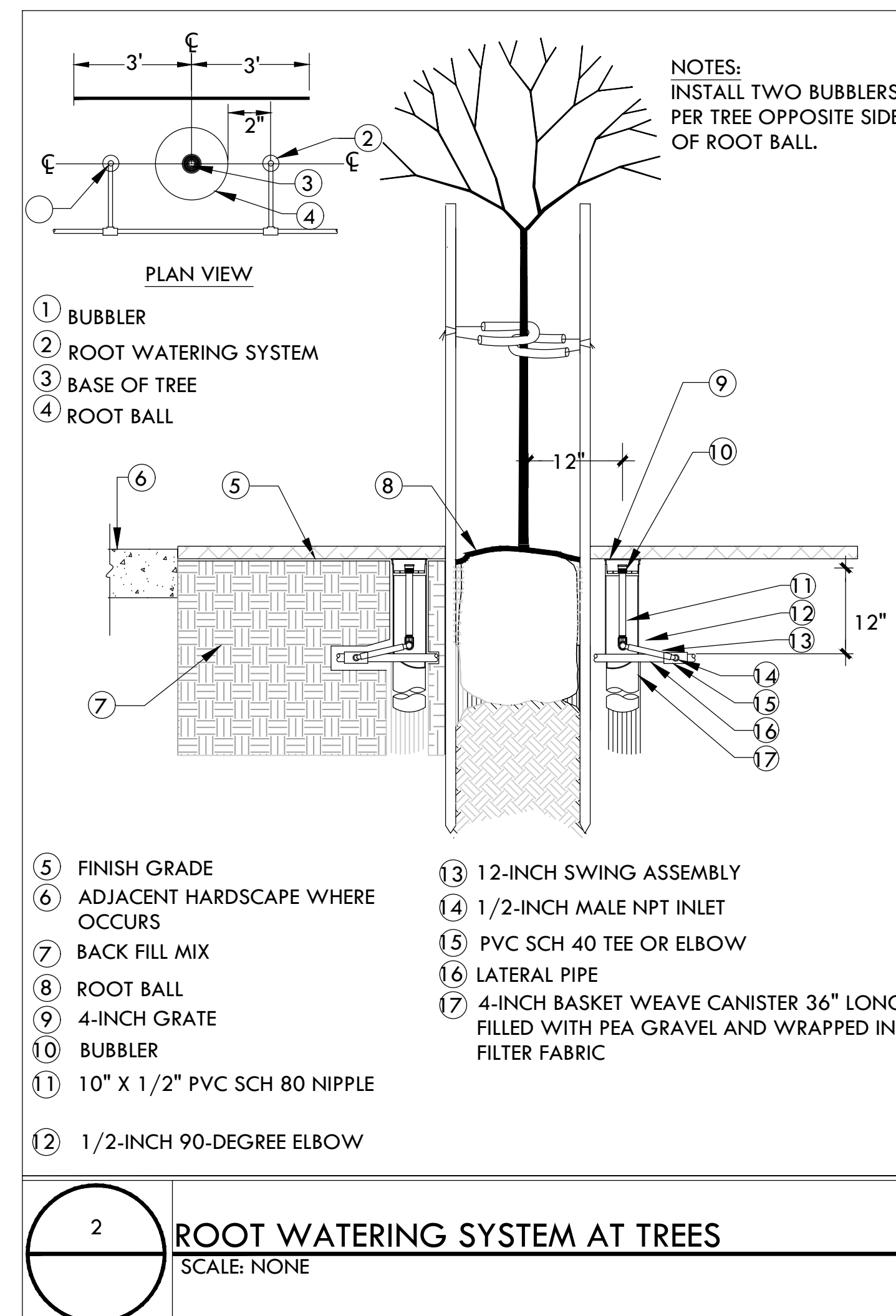
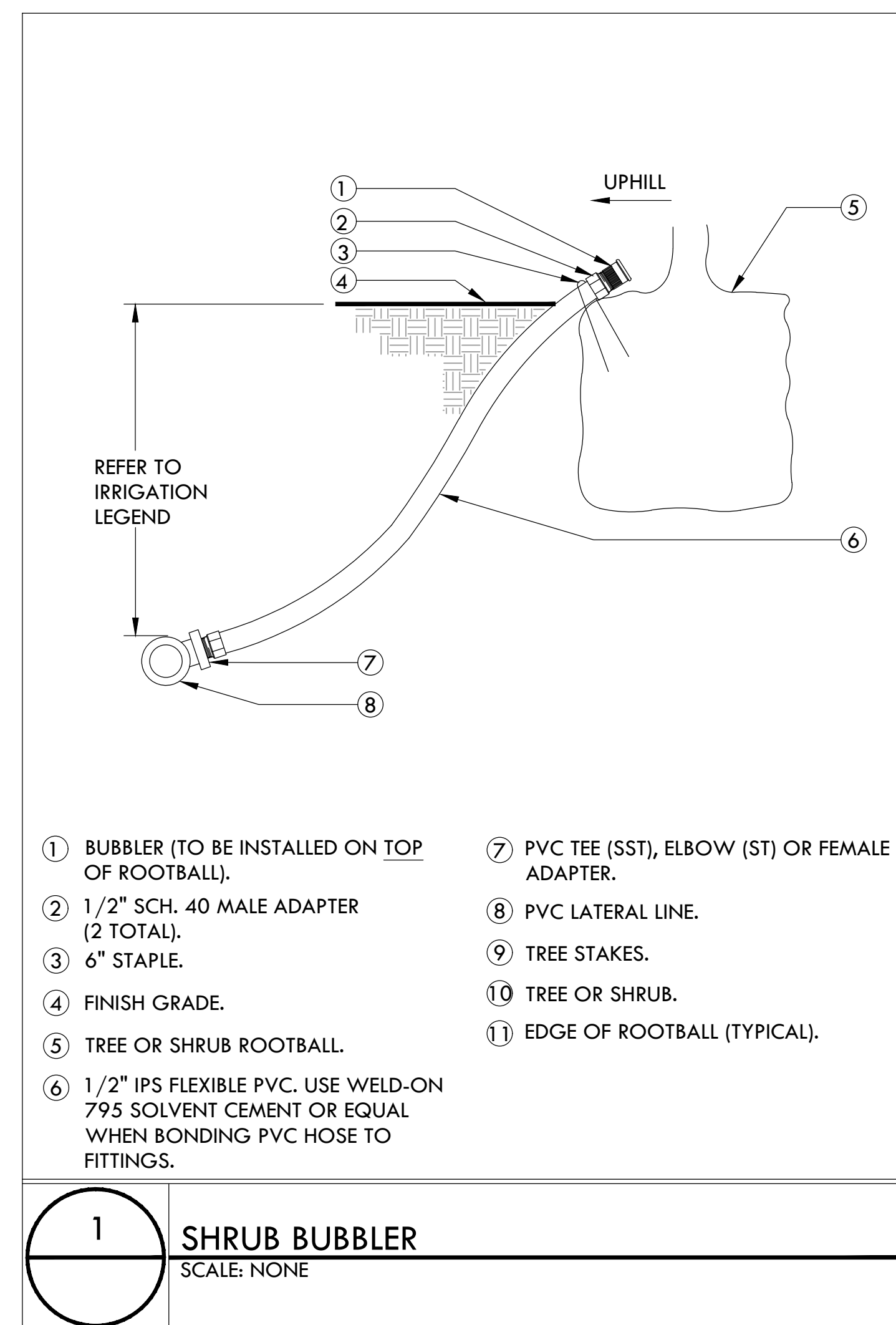
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L3.5



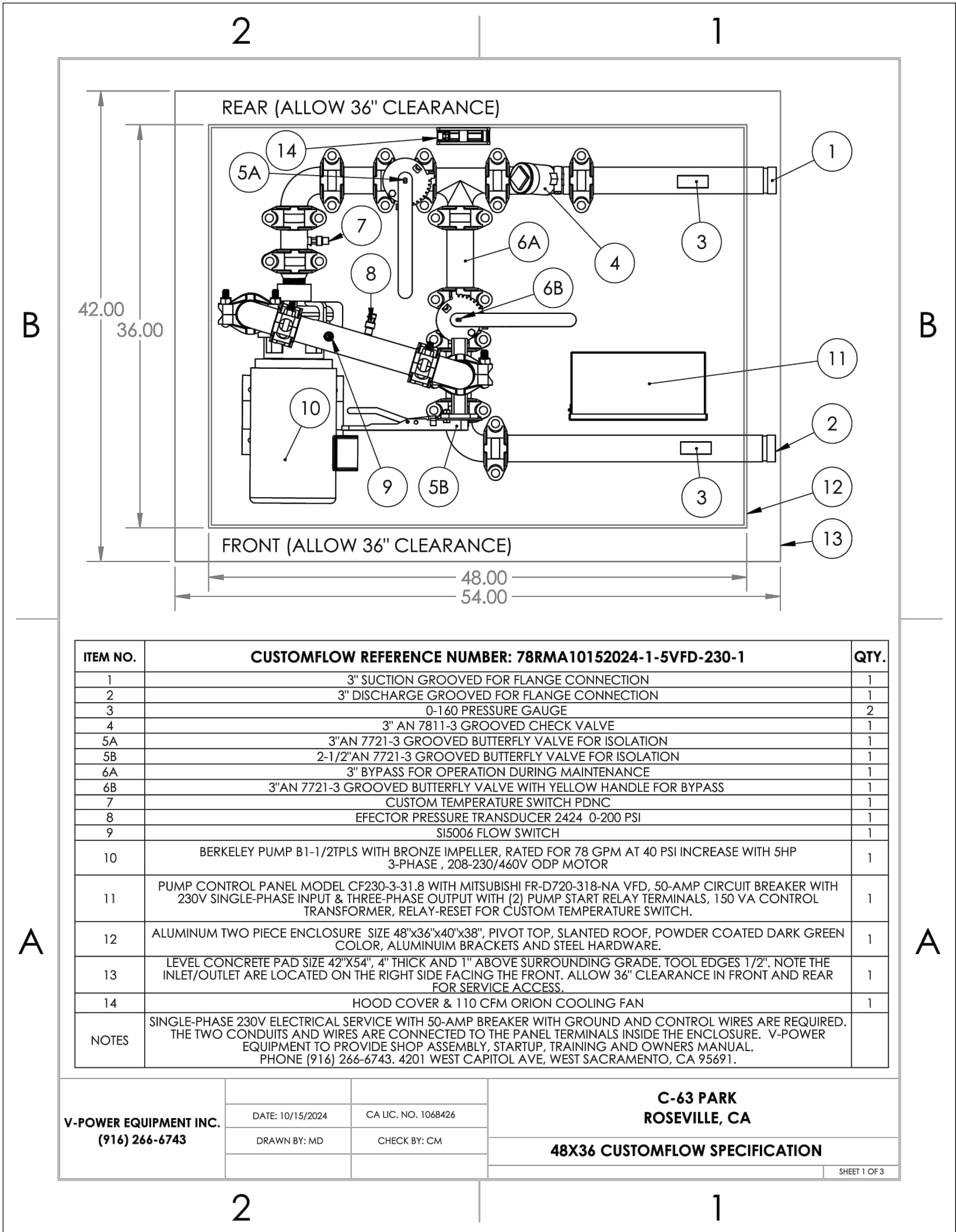


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IRRIGATION PRESSURE LOSS CALCULATION									
JOB NAME:		C-63 PARK - ROSEVILLE							
DATE:		12/18/24							
METER # OR LOCATION		GRASSCREEK DRIVE							
ELEVATION AT METER (FT)		0							
STATIC PRESSURE AT METER (PSI)		50							
WORST CASE VALVE(S) SCENARIO									
REMOTE CONTROL VALVE #1&2									
RCV FLOW (GPM)		60							
ELEVATION AT RCV		0							
Item	Type	Size (in.)	Length (ft.)	x	Loss/100'	=	PSI Loss		
SERVICE LINE	COPPER	2	20	x	1.70	=	0.3		
WATER METER	DISC	2				=	4.9		
BACKFLOW	BRASS	2				=	13		
INLET PRESSURE INTO PUMP/MV					31.8				
MASTER VALVE	C./BRASS	2				=	2.0		
FLOW SENSOR	PVC	2				=	1.0		
MAIN LINE: 3" LOOPED	CL200	3	1325	x	0.18	=	2.4		
MAIN LINE:	SCH 40		0	x	0	=	0.0		
EST. FITTING LOSS	PVC				10%	=	1.1		
ELEVATION CHANGE FROM POC TO RCV:	Feet +/-	0	x .433 PSI			=	0.0		
STATIC PRESSURE AT POC (PSI):					50.0	-LOSS:	24.7	TOTAL LOSS TO RCV = DYNAMIC PSI @ RCV:	25.3
Item	Type	Size (in.)			Loss	=	PSI Loss		
RCV:	PLASTIC	1.5			2.0	=	2.0		
LATERAL LINE	PVC	VARIES			3.0	=	3.0		
EST. FITTING LOSS	PVC				10%	=	0.5		
ELEVATION CHANGE FROM RCV TO SPRINKLER:	Feet +/-	0	x .433 PSI			=	0.0		
					TOTAL LOSS (RCV TO SPRINKLER)	=	5.5		
					TOTAL SYSTEM LOSS (PSI)	=	30.2		
					MINIMUM PRESSURE REQ. AT SPRINKLER (PSI)	=	50.0		
					STATIC PRESSURE @ POC	=	50.0		
					DYN PRESSURE @ SPRINKLER	=	19.8		
					EXCESS OR (DEFICIT) PRESSURE	=	-30.2		
					BOOSTER PUMP REQUIREMENT	=	YES		
					BOOST REQUIRED	=	30		





GRASSCREEK DR AND
LEMONADE LANE
ROSEVILLE
CA

ISSUE: DESCRIPTION: DATE:

L3.7

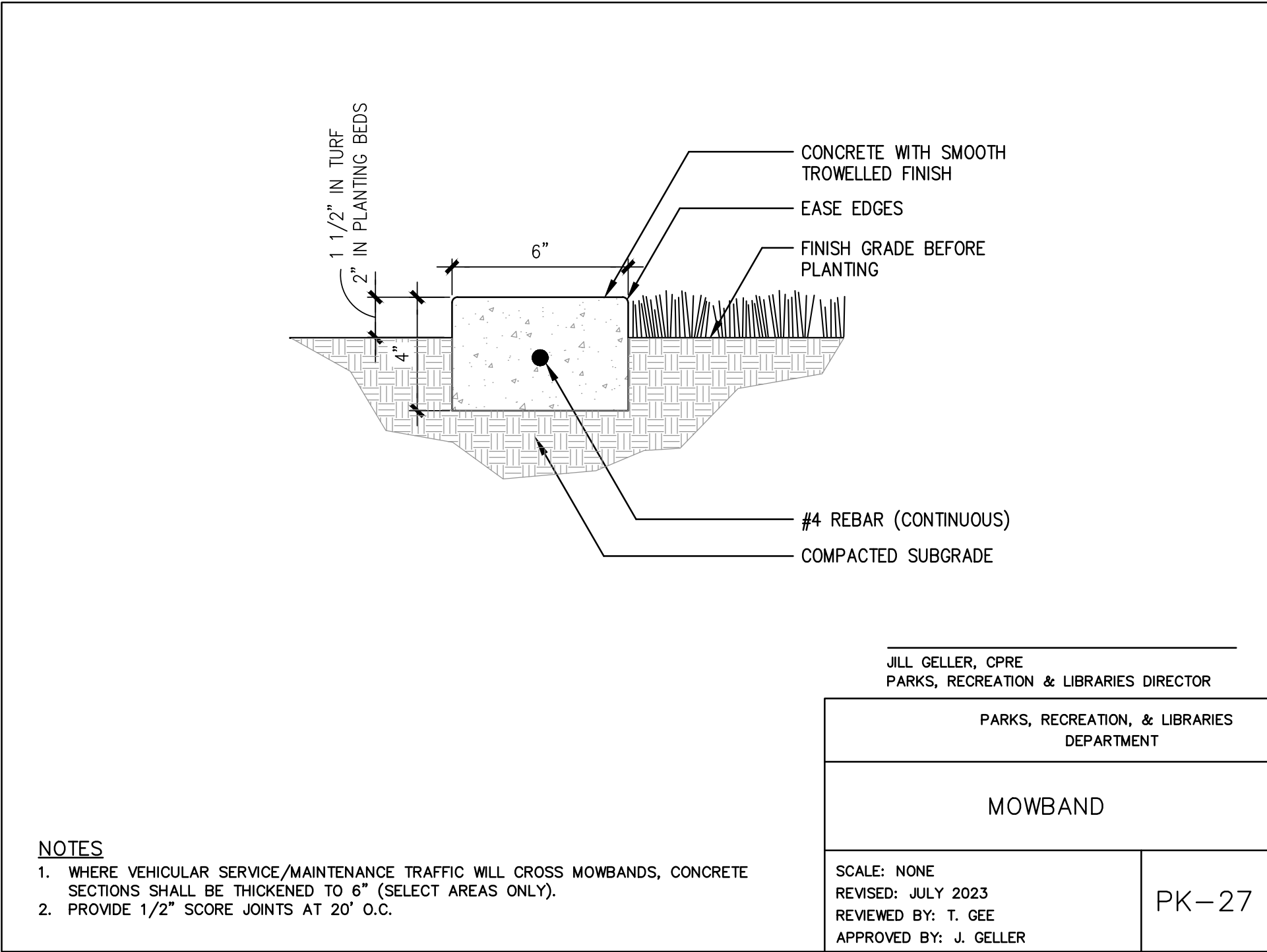
PATH: \\RMASRV\COMPANYDATA\2024\24-024 C-63 PARK - ROSEVILLE\CAD\100%CD_DG-IRR-NLD-C63.DWG
PLOT DATE: 12/18/2024 6:41 PM



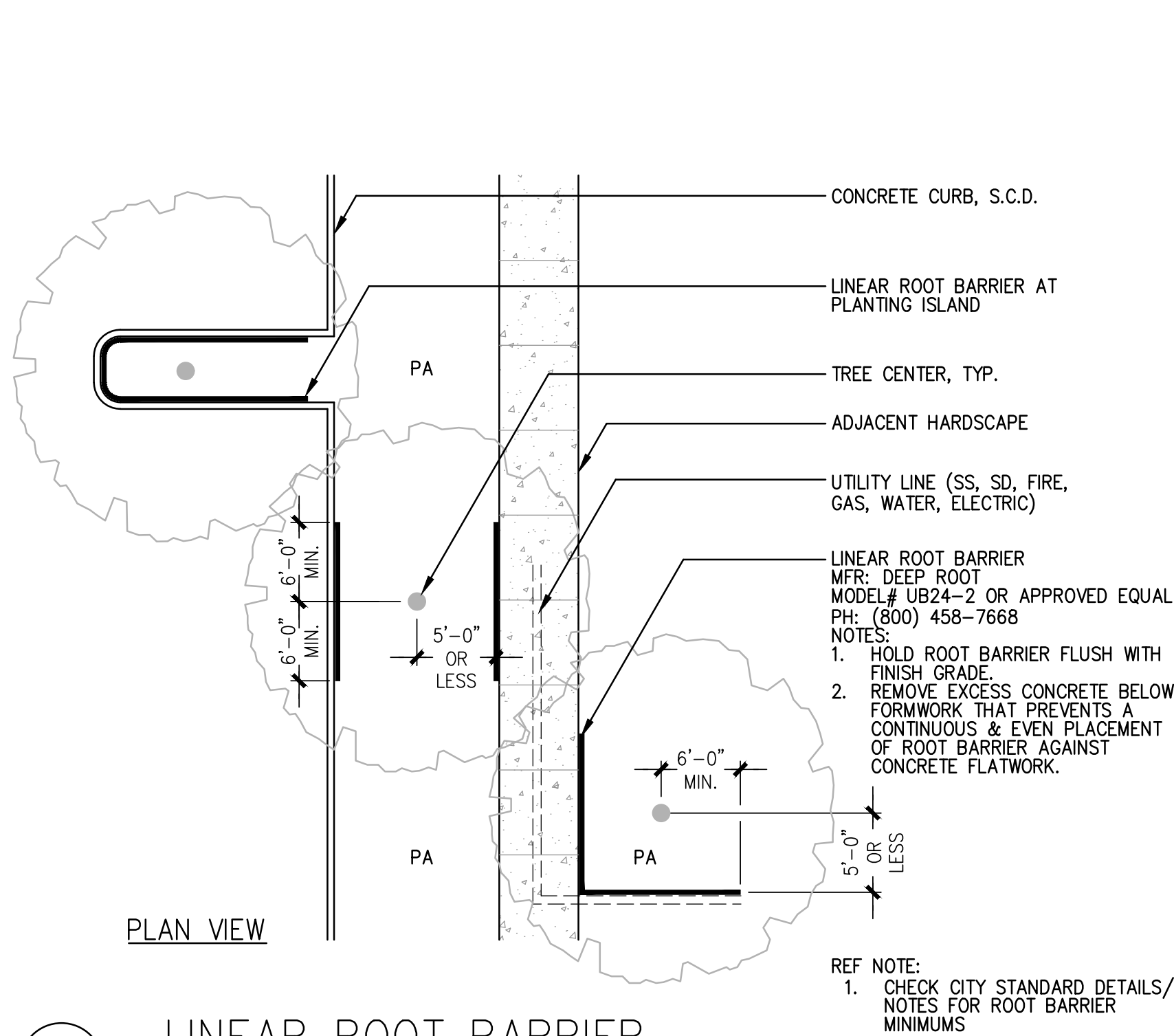
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C-63 PARK

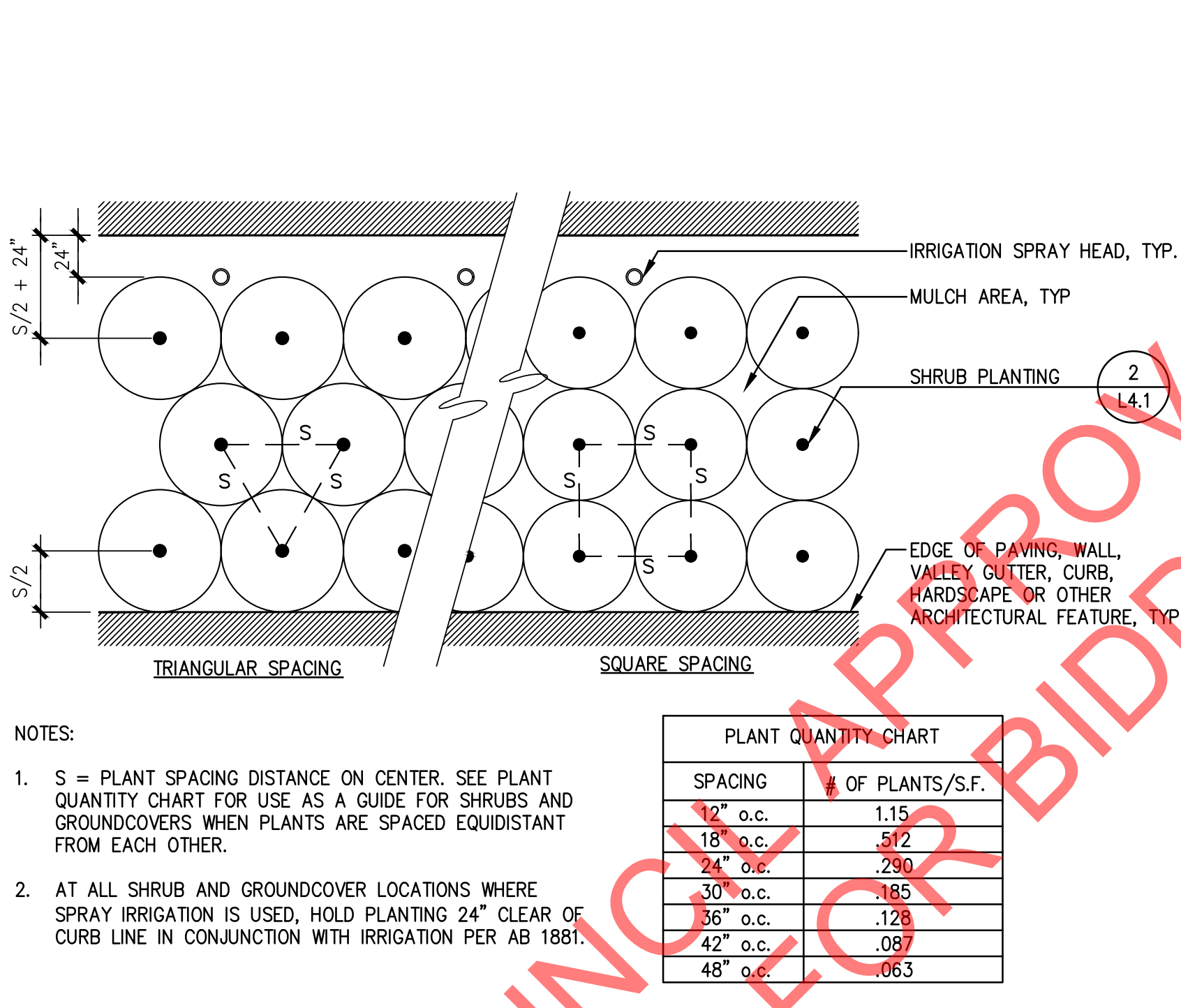
GRASSCREEK DR AND
LEMONADE LANE
ROSEVILLE
CA



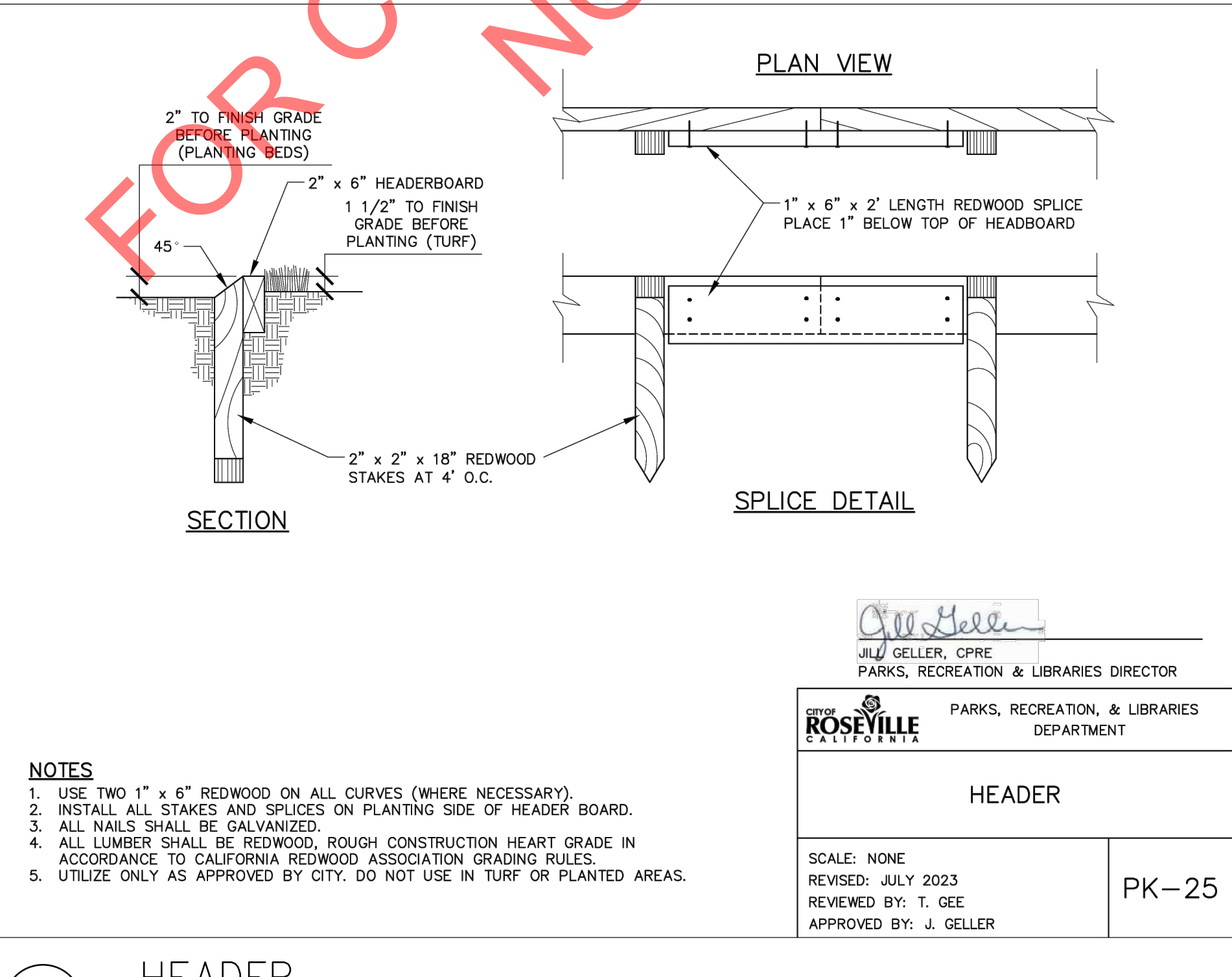
6 MOWBAND
SCALE: N.T.S.



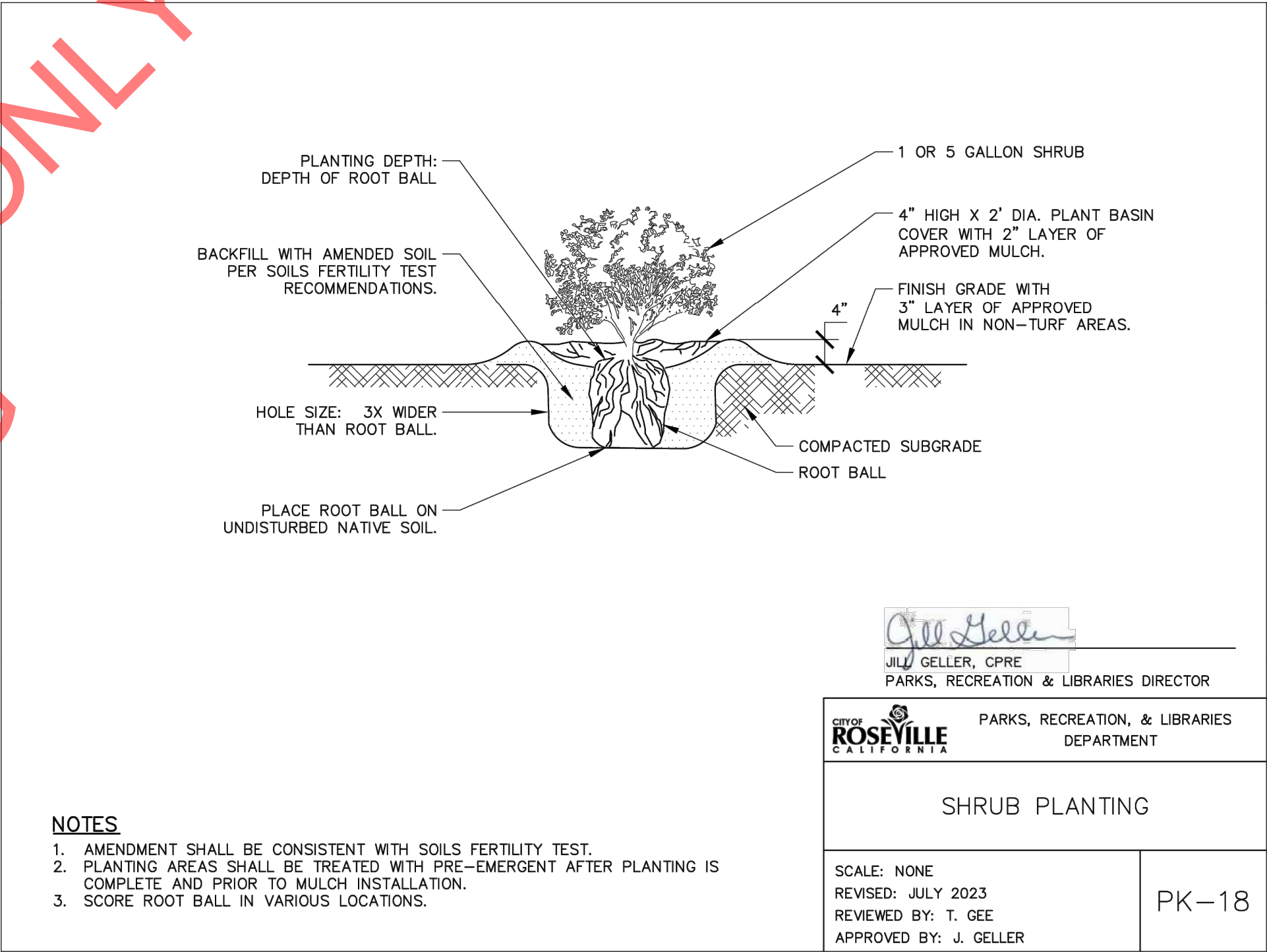
5 LINEAR ROOT BARRIER
SCALE: 1" = 10'-0"



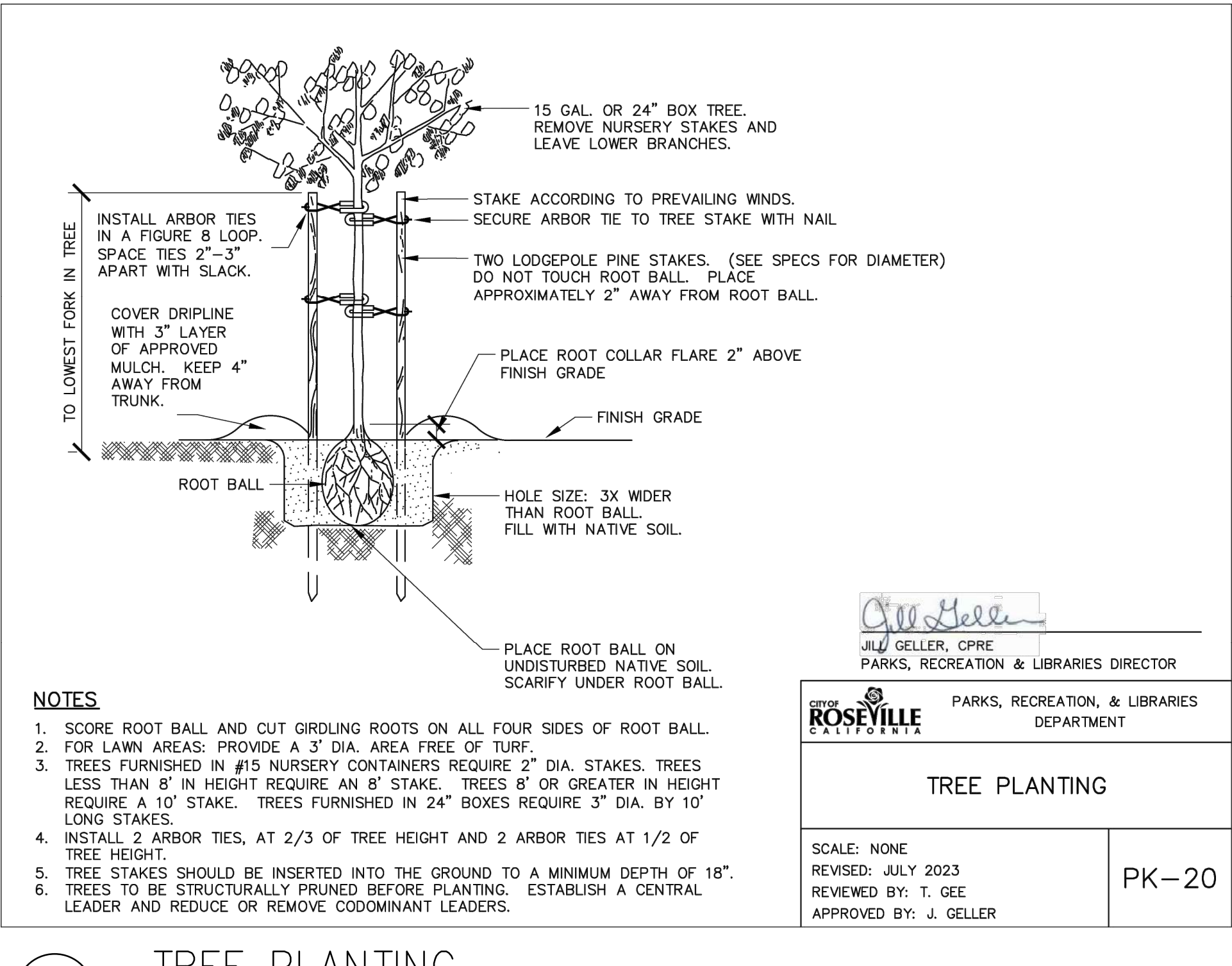
4 PLANT SPACING
SCALE: 1" = 1'-0"



3 HEADER
SCALE: N.T.S.



2 SHRUB PLANTING
SCALE: N.T.S.



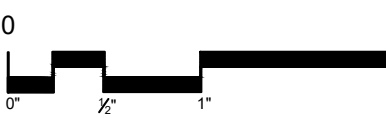
1 TREE PLANTING
SCALE: N.T.S.

ISSUE: DD SET
DESCRIPTION: 99% CD
DATE: 9/12/2024
12/20/2024

NOT FOR
CONSTRUCTION



PROJECT NUMBER: P6274
DRAWN: TF
CHECK: CC/EG
DATE: 12/20/2024
SCALE: PER DETAIL



CONSTRUCTION
DETAILS

L4.1



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LEMONADE LANE
ROSEVILLE
CA

ISSUE: DD SET 99% CD
DESCRIPTION: 99% CD
DATE: 9/12/2024 12/20/2024

NOT FOR
CONSTRUCTION

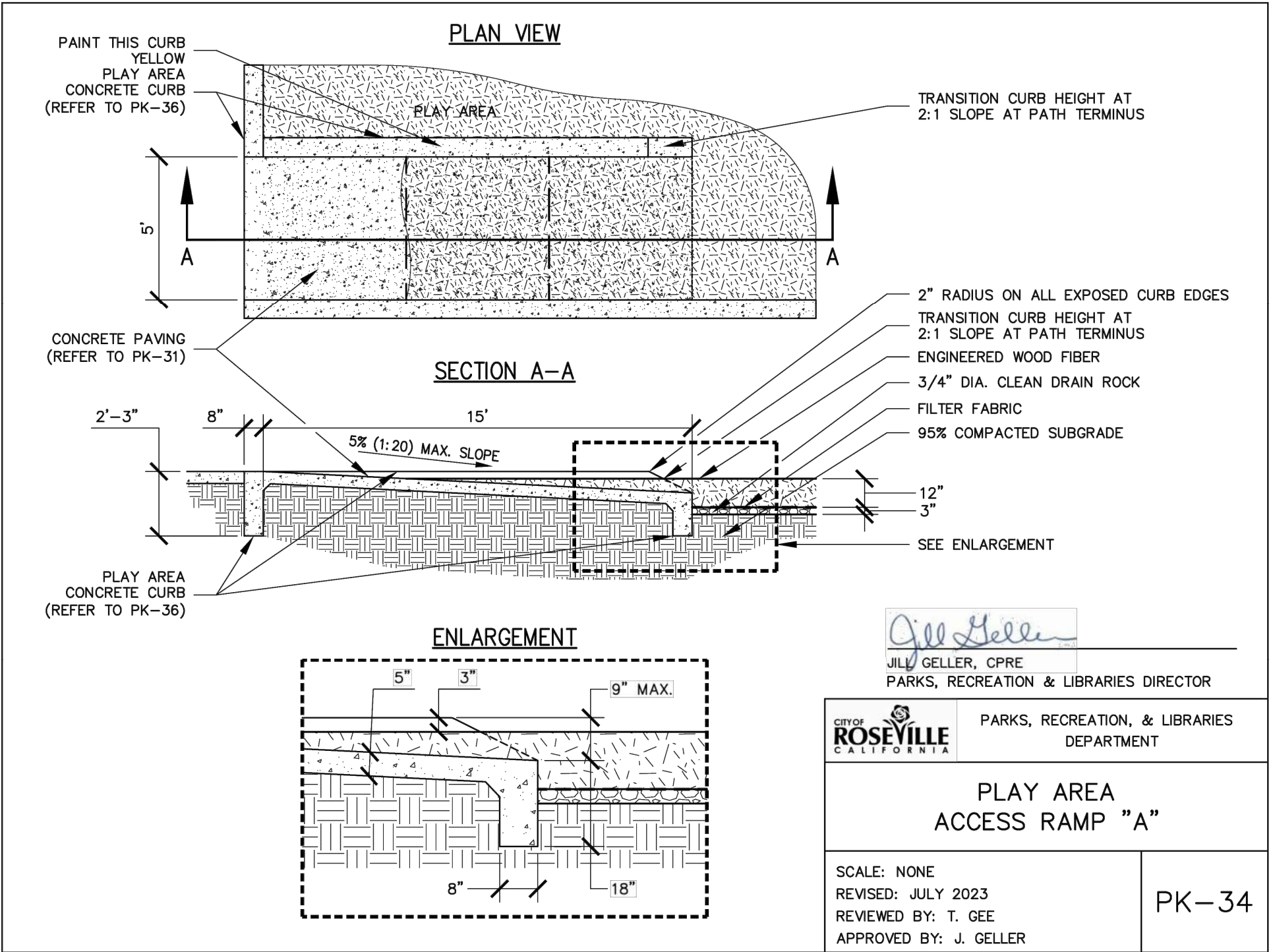


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DRAWN: TF
CHECK: CC/EG
DATE: 12/20/2024
SCALE: PER DETAIL

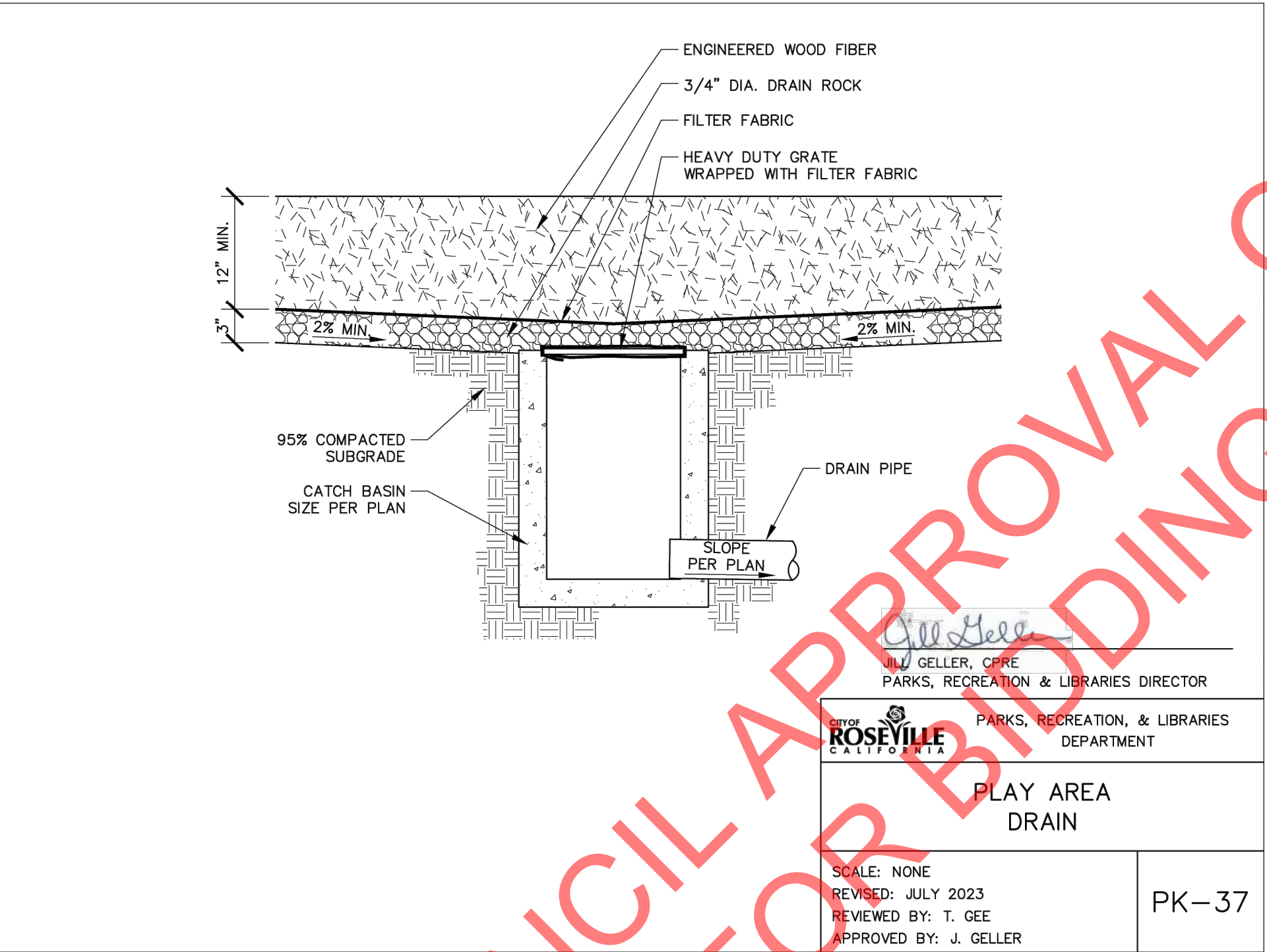


CONSTRUCTION
DETAILS

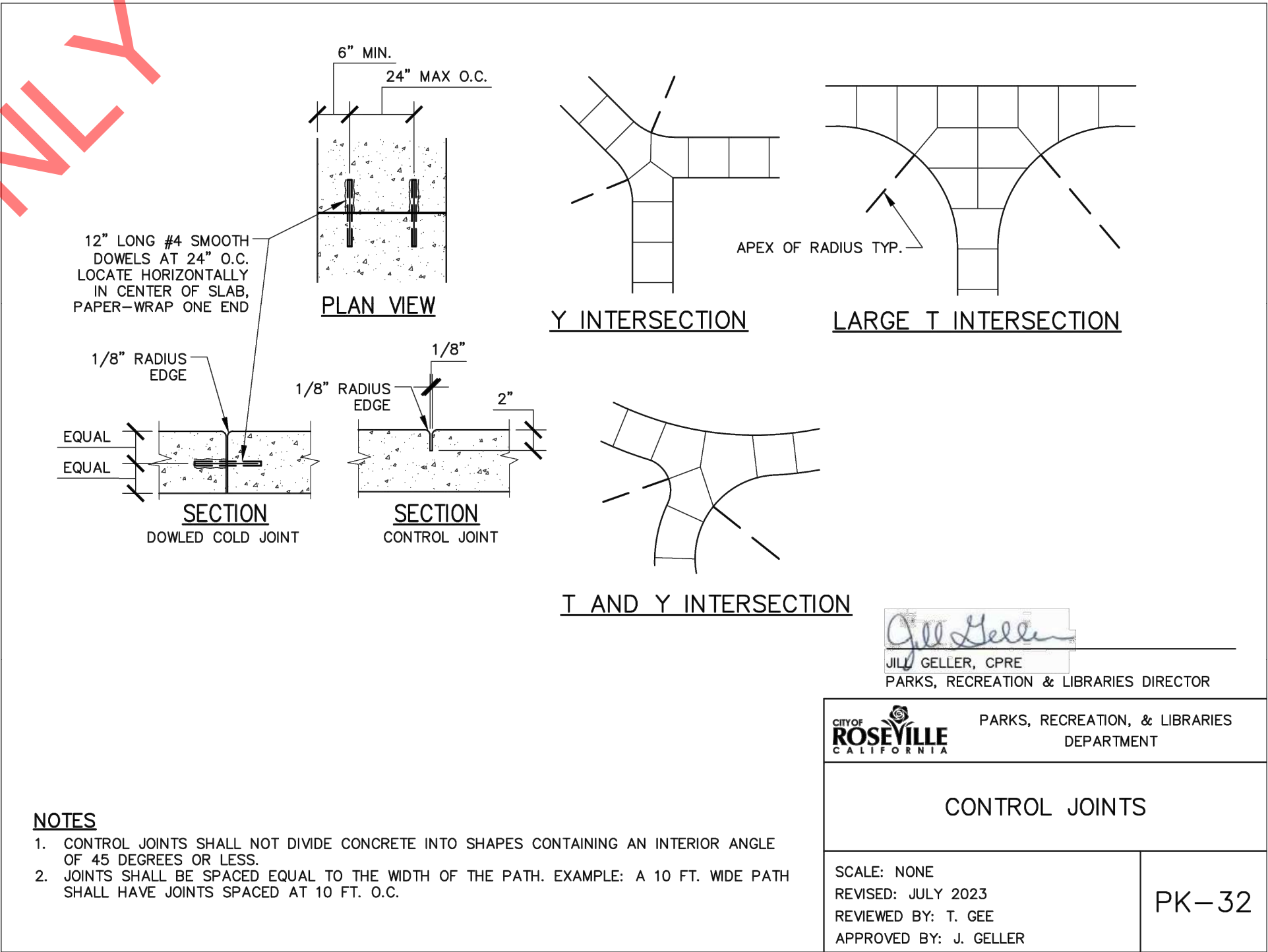
L4.2



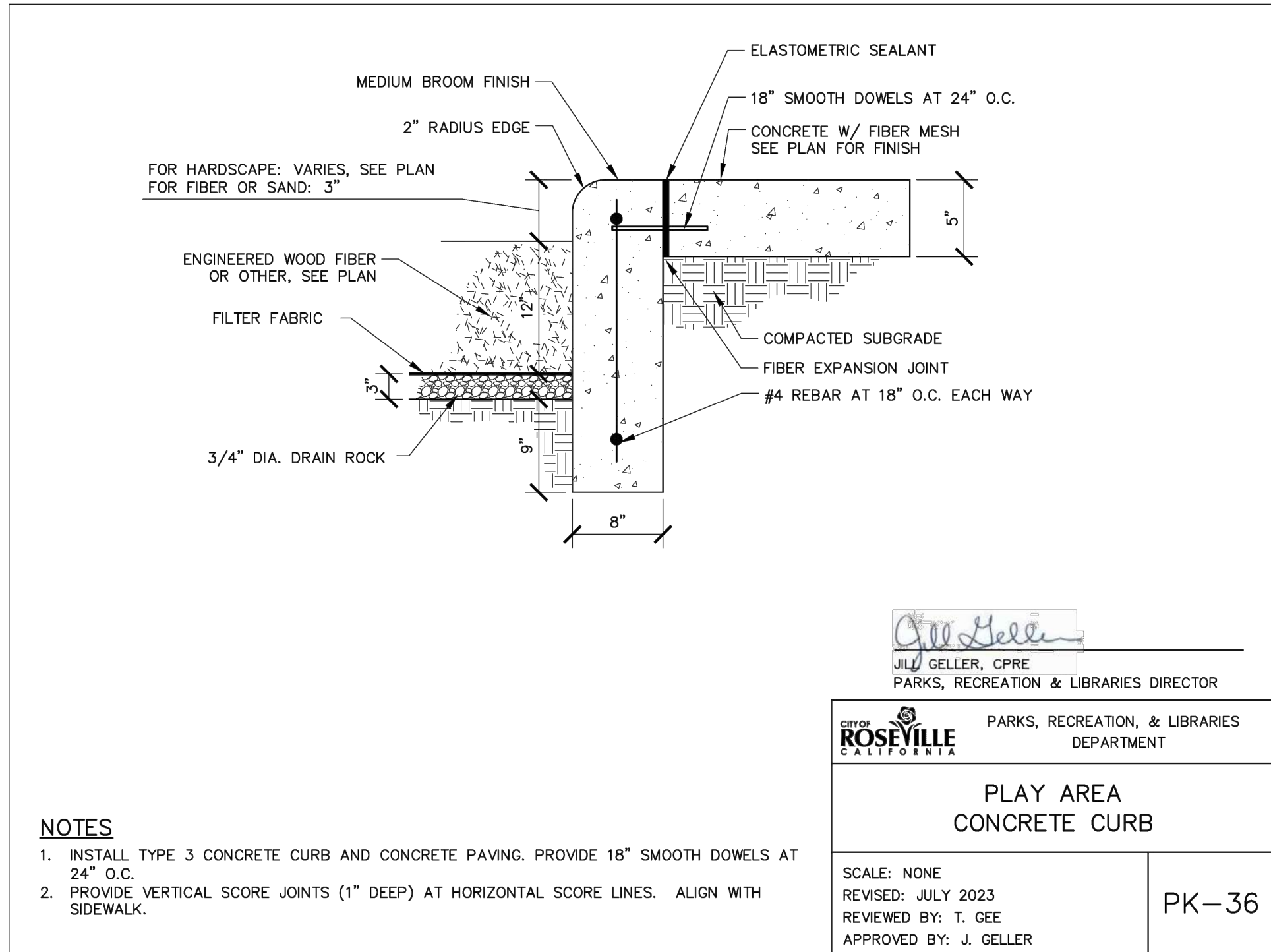
J. Geller, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR
CITY OF ROSEVILLE
PARKS, RECREATION, & LIBRARIES DEPARTMENT
PLAY AREA ACCESS RAMP "A"
SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER
PK-34



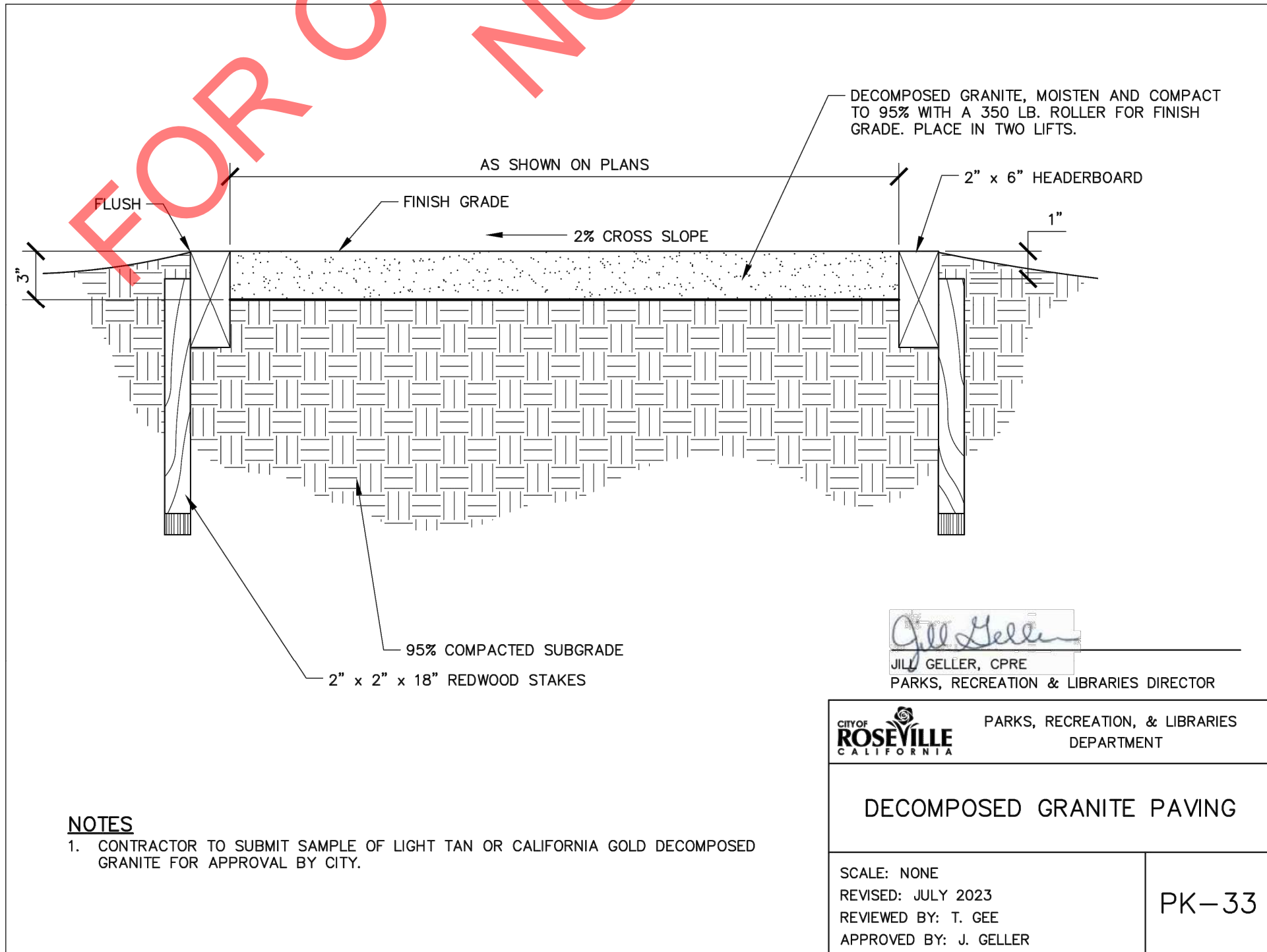
J. Geller, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR
CITY OF ROSEVILLE
PARKS, RECREATION, & LIBRARIES DEPARTMENT
PLAY AREA DRAIN
SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER
PK-37



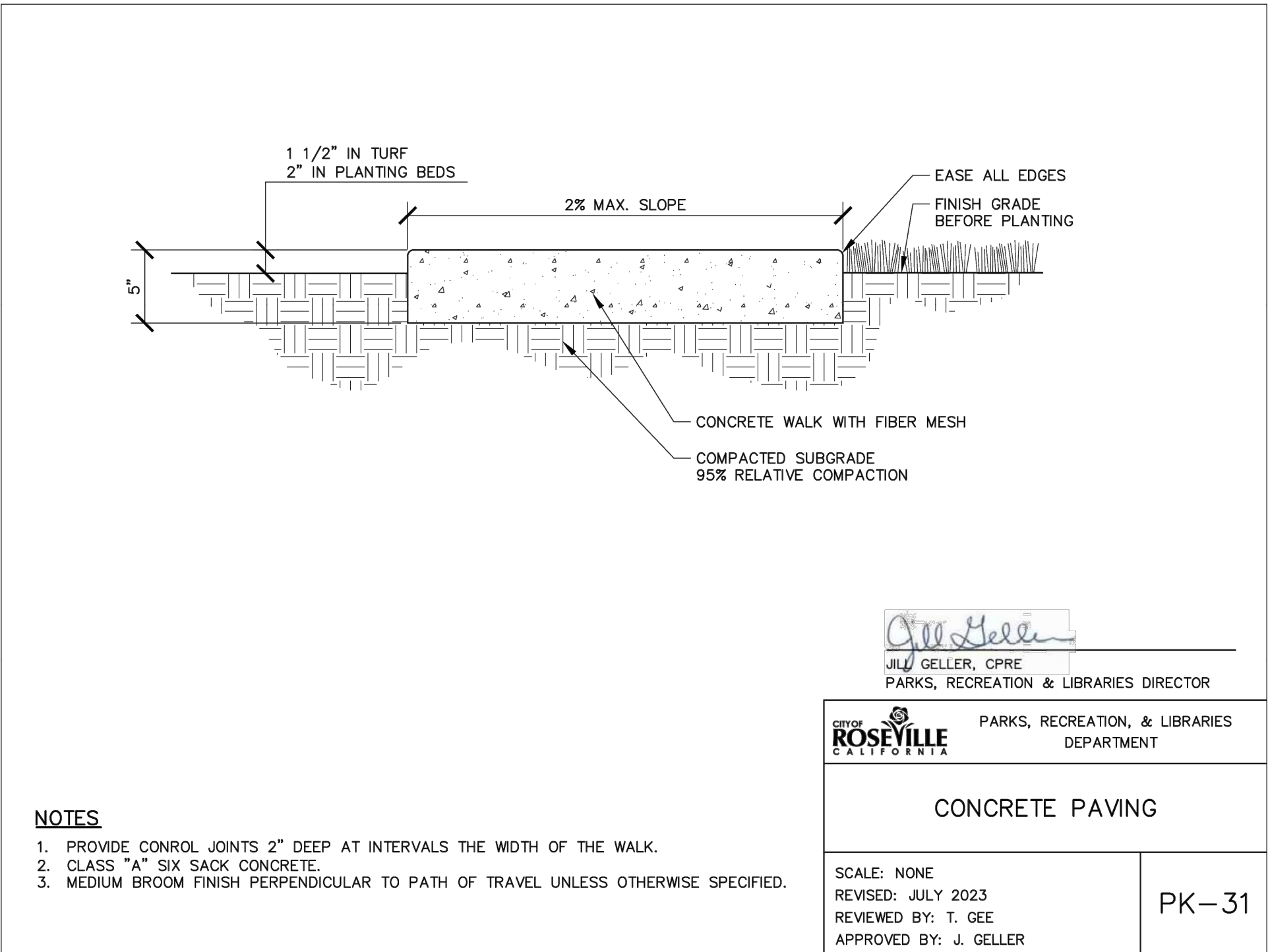
J. Geller, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR
CITY OF ROSEVILLE
PARKS, RECREATION, & LIBRARIES DEPARTMENT
CONTROL JOINTS
SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER
PK-32



J. Geller, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR
CITY OF ROSEVILLE
PARKS, RECREATION, & LIBRARIES DEPARTMENT
PLAY AREA CONCRETE CURB
SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER
PK-36



J. Geller, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR
CITY OF ROSEVILLE
PARKS, RECREATION, & LIBRARIES DEPARTMENT
DECOMPOSED GRANITE PAVING
SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER
PK-33



J. Geller, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR
CITY OF ROSEVILLE
PARKS, RECREATION, & LIBRARIES DEPARTMENT
CONCRETE PAVING
SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER
PK-31

6 PLAY RAMP @ ENGINEERED WOOD FIBER
SCALE: N.T.S.

4 PLAY AREA DRAIN @ ENGINEERED WOOD FIBER
SCALE: N.T.S.

2 CONTROL JOINT
SCALE: N.T.S.

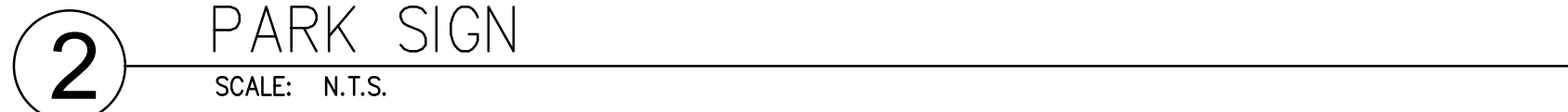
5 PLAY CURB @ RESILIENT WOOD SURFACING
SCALE: N.T.S.

3 DECOMPOSED GRANITE PAVING
SCALE: N.T.S.

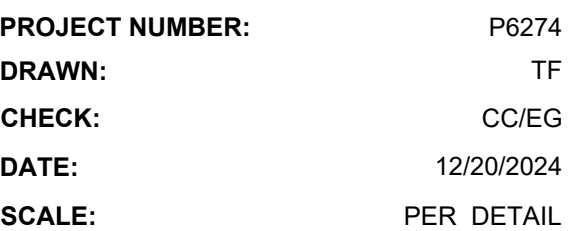
1 PEDESTRIAN CONCRETE PAVING
SCALE: N.T.S.



GRASSCREEK DR AND
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ROSEVILLE
CA

ISSUE:	DESCRIPTION:	DATE:
DD SET	99% CD	9/12/2024
		12/20/2024

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CONSTRUCTION



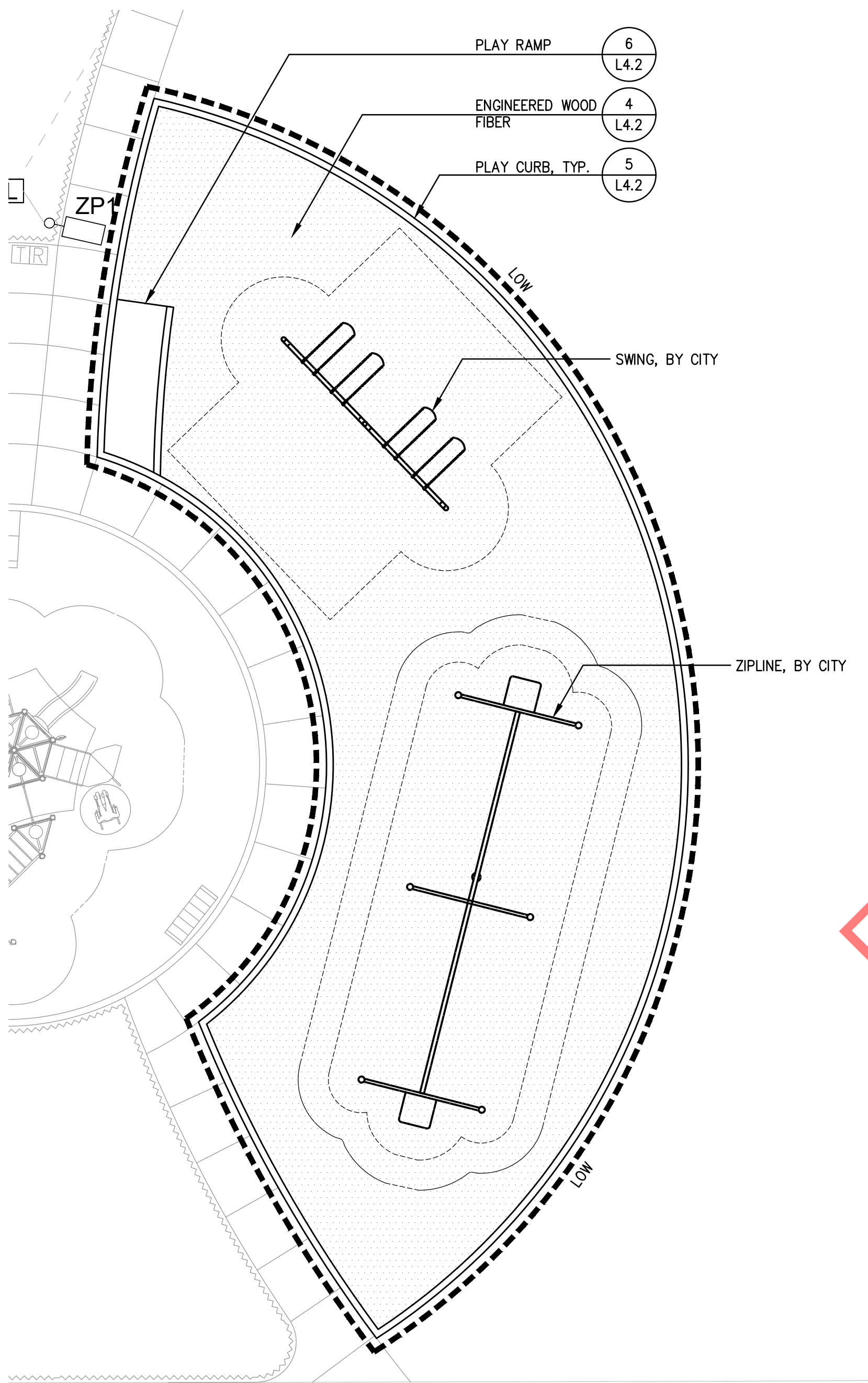
PROJECT NUMBER:	P6274
DRAWN:	TF
CHECK:	CC/EG
DATE:	12/20/2024
SCALE:	PER DETAIL



ENLARGEMENT -
ADD ALT

L5.1

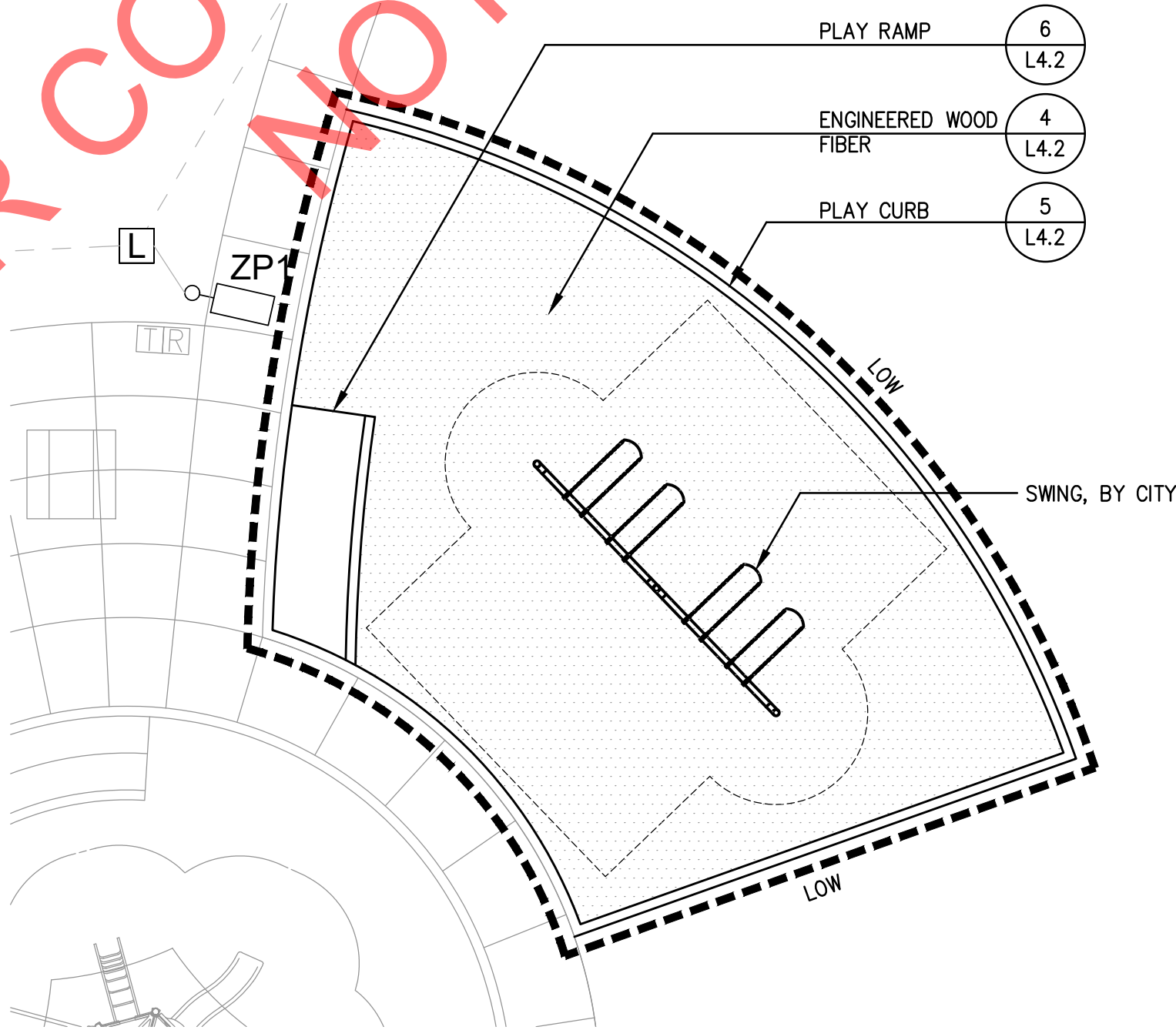
FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING



ADD ALT4:
EXPAND CONTAINMENT, DRAINAGE, RELOCATE RAMP, ZIPLINE.

BASE BID:
TURF & IRRIGATION.

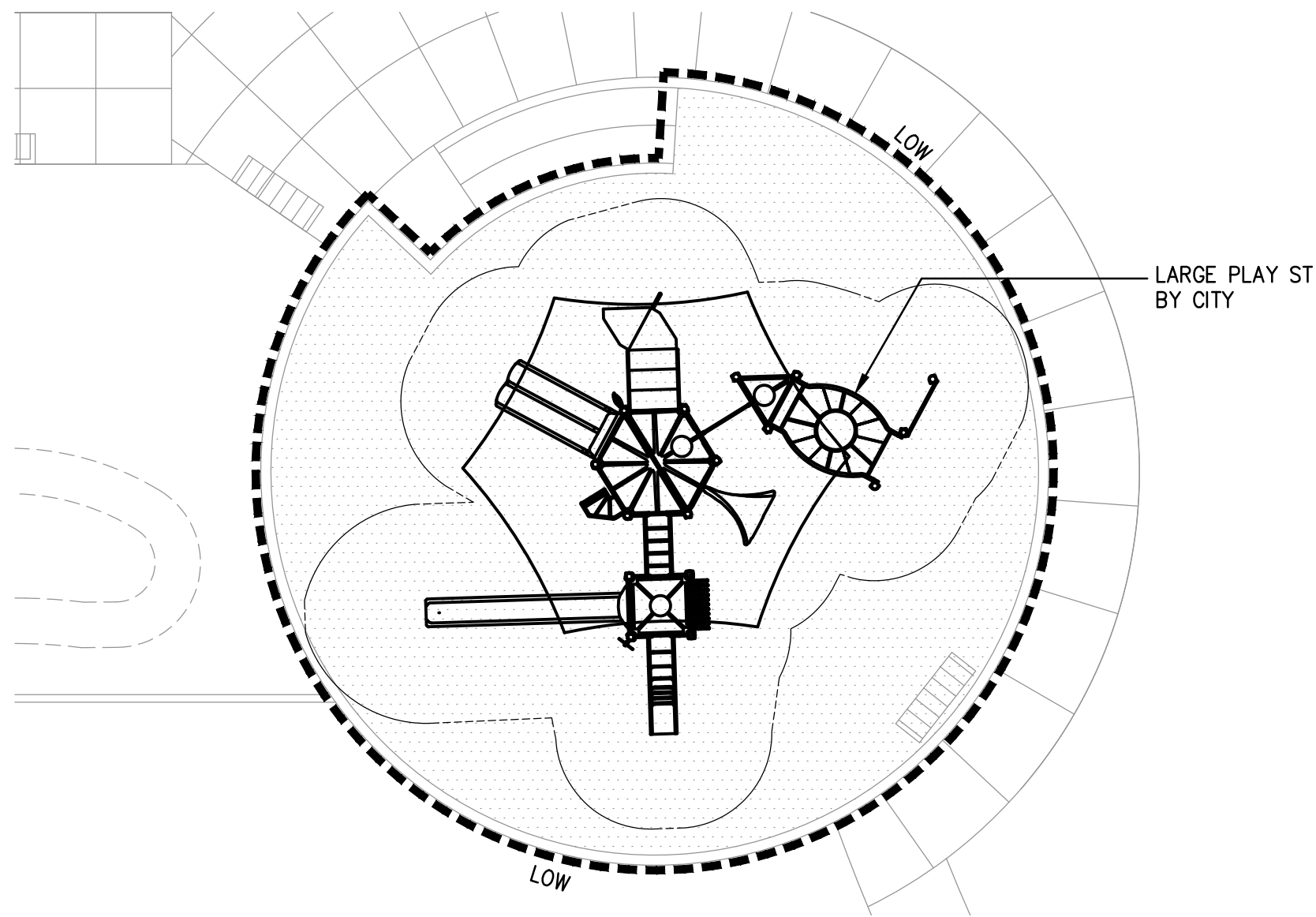
4 ADD ALT4 – ZIPLINE (PREDICATED ON CONCURRENT AWARD OF ALT3)
SCALE: 1" = 10'-0"



ADD ALT3:
BUILD CONTAINMENT, RAMP, DRAINAGE, SWING SET.

BASE BID:
TURF & IRRIGATION.

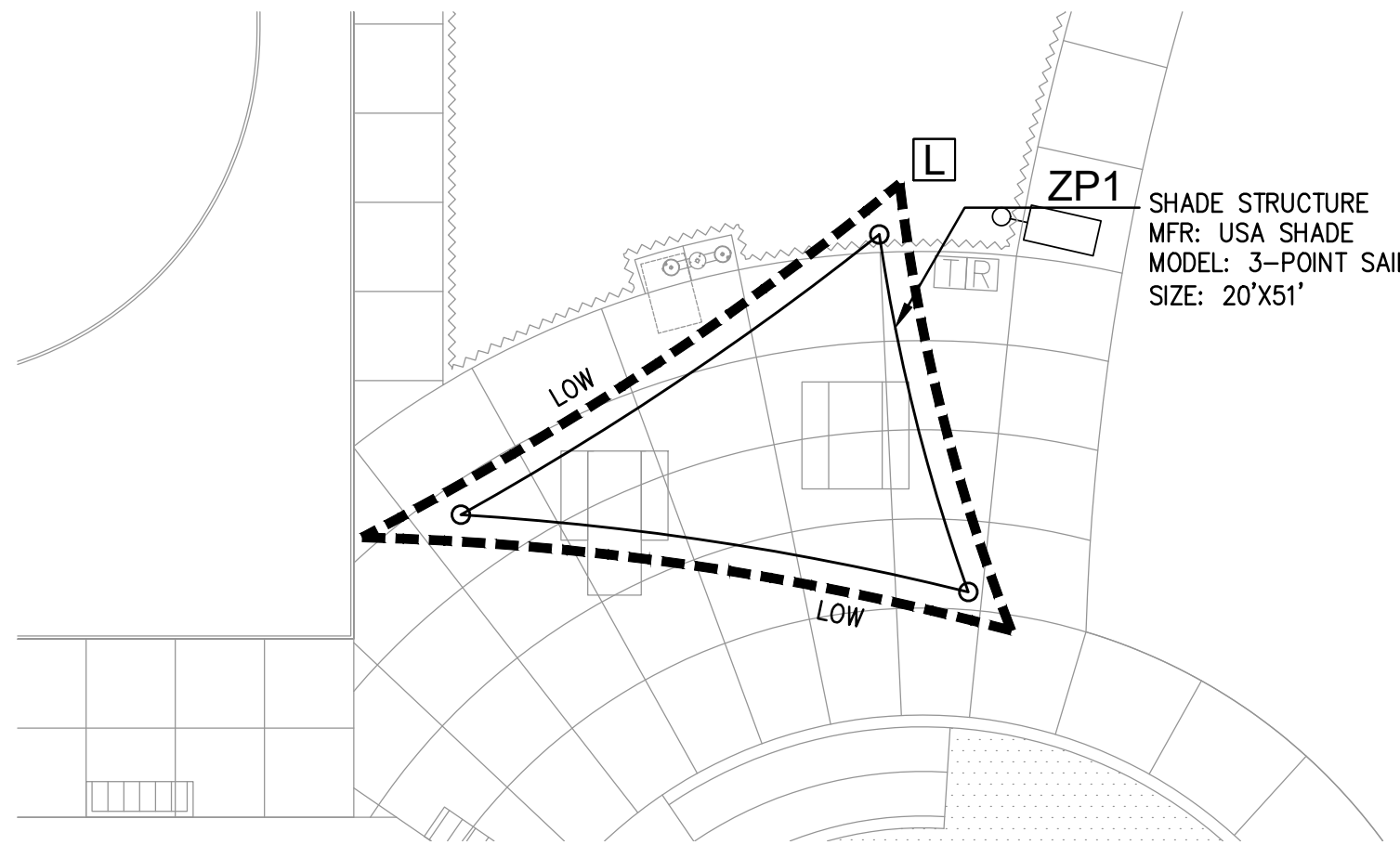
3 ADD ALT3 – SWINGS
SCALE: 1" = 10'-0"



ADD ALT2:
LARGER PLAY STRUCTURE.

BASE BID:
SMALLER PLAY STRUCTURE.

2 ADD ALT2 – LARGE PLAY STRUCTURE
SCALE: 1" = 10'-0"



ADD ALT1:
SAIL SHADE OVER PICNIC AREA.

BASE BID:
PICNIC TABLES ONLY.

1 ADD ALT1 – SAIL SHADE
SCALE: 1" = 10'-0"



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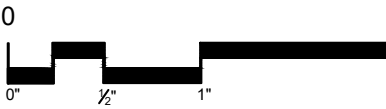
GRASSCREEK DR AND
LEMONADE LANE
ROSEVILLE
CA

ISSUE:	DESCRIPTION:	DATE:
DD SET	99% CD	9/12/2024
		12/20/2024

NOT FOR
CONSTRUCTION

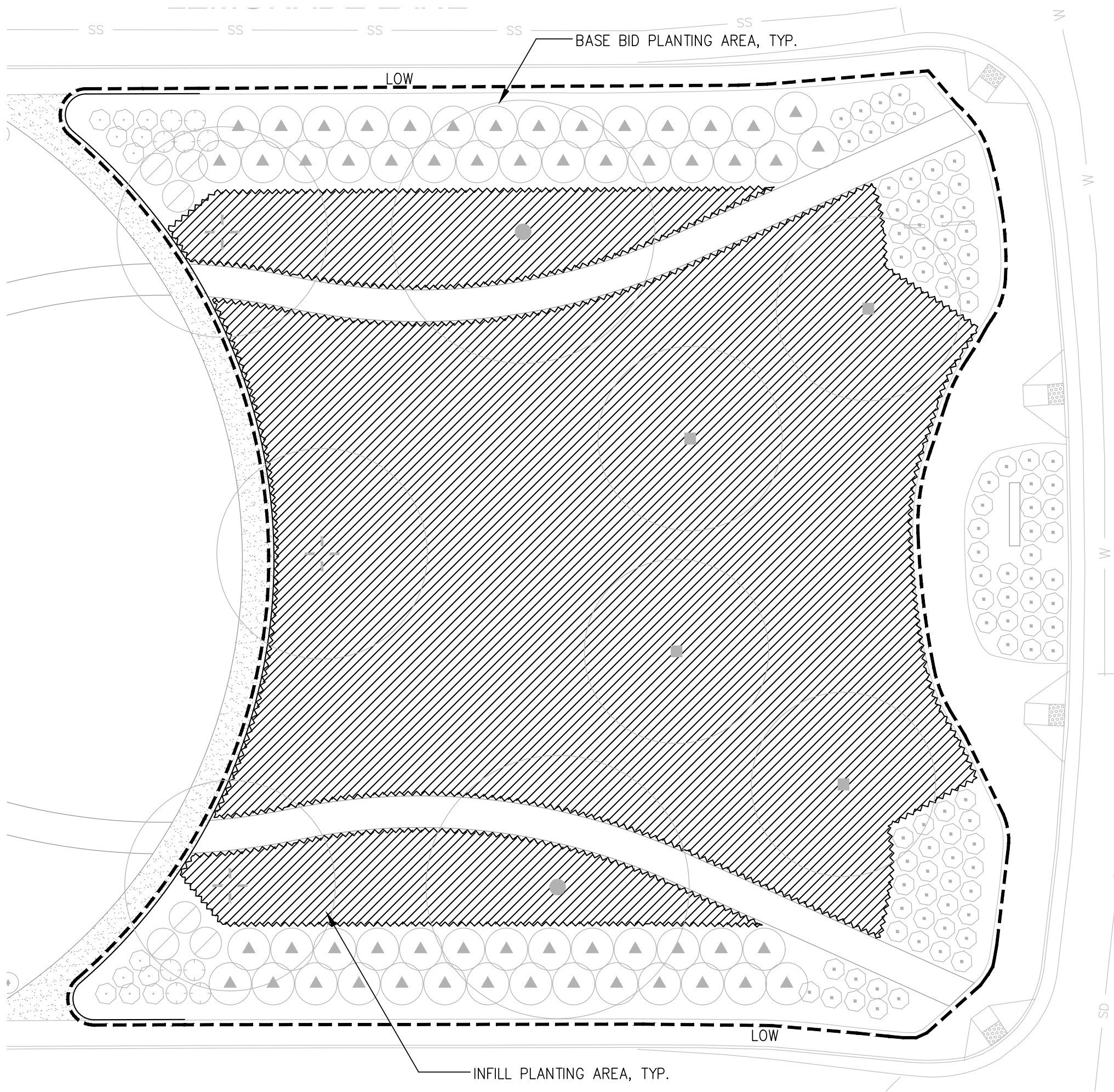


PROJECT NUMBER:	P6274
DRAWN:	TF
CHECK:	CC/EG
DATE:	12/20/2024
SCALE:	PER DETAIL



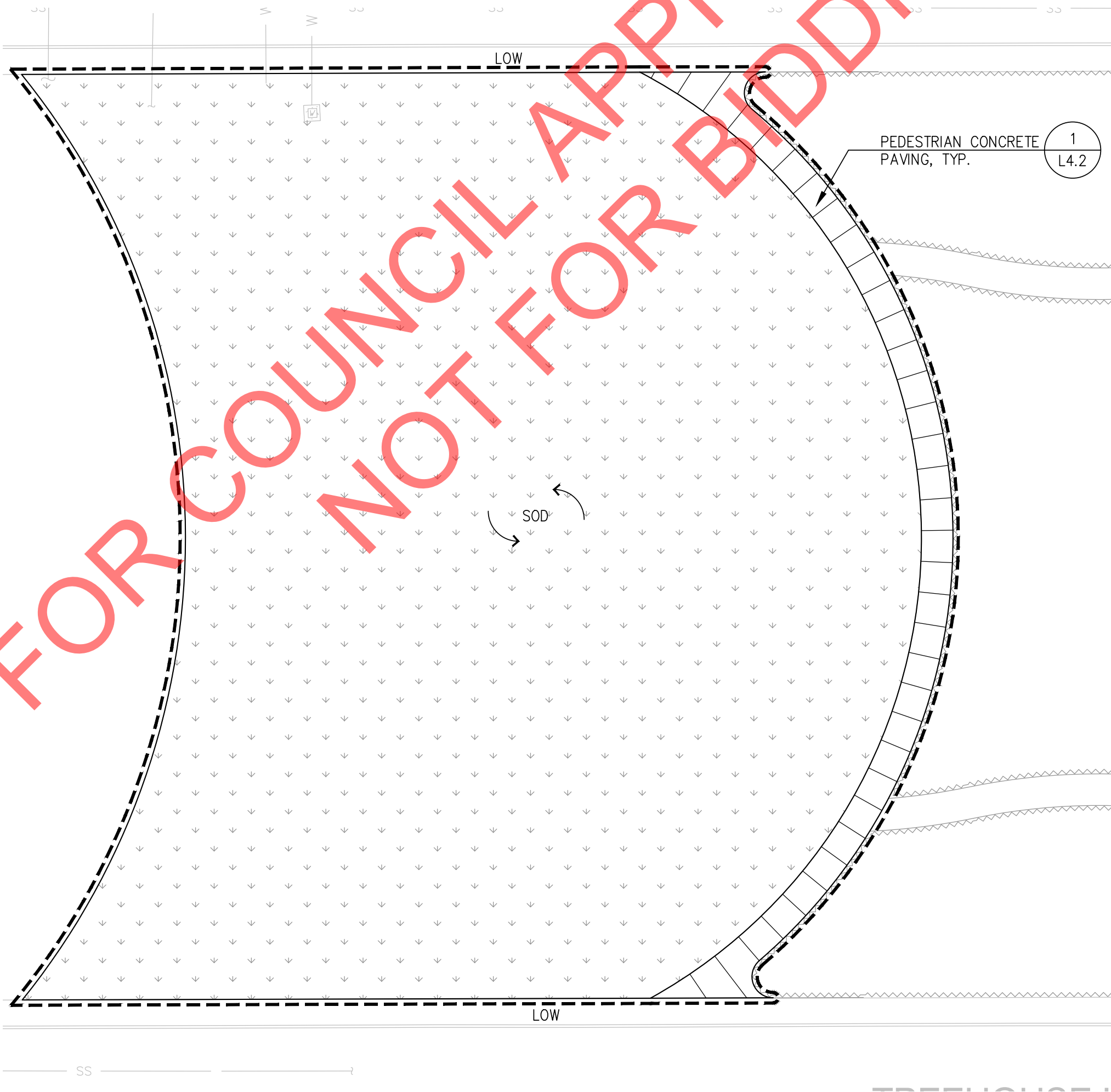
ENLARGEMENT -
ADD ALT

L5.2



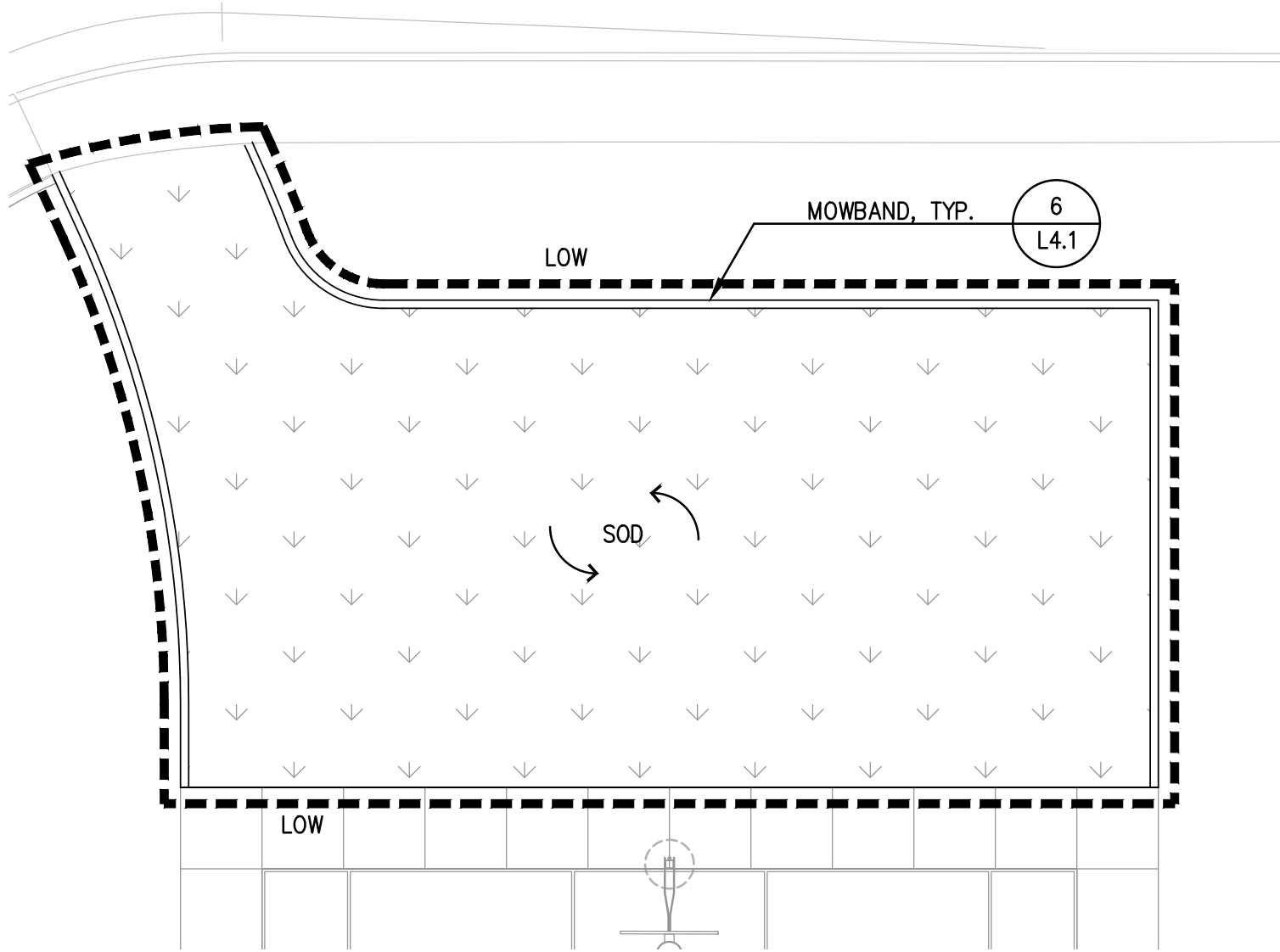
ADD ALT7:
ADD 16,464SF OF PLANTING AND IRRIGATION.
BASE BID:
MULCH.

7 ADD ALT7 — ADDITIONAL INFILL PLANTING & IRRIGATION
SCALE: 1" = 20'-0"



ADD ALT6:
23,669SF TURF EXPANSION AND REPLACE DG PATH WITH CONCRETE PAVING.
BASE BID:
HALF SIZE TURF AREA W/ 6" MOWBAND, PLANTING, AND DG PATH.

6 ADD ALT6 — TURF EXPANSION/CONCRETE PATH
SCALE: 1" = 20'-0"



ADD ALT5:
ADDITIONAL 1,885SF TURF ADJACENT TO BASKETBALL COURT, INCLUDING 6" CONCRETE MOWBAND.
BASE BID:
PLANTING AND POINT SOURCE IRRIGATION.

5 ADD ALT5 — ADDITIONAL TURF
SCALE: 1" = 10'-0"

NEW VS. EXISTING	
	(N) CONDUIT - CONCEALED IN WALLS OR CEILING.
	(E) CONDUIT - CONCEALED IN WALLS OR CEILING.
	(N) CONDUIT - TO BE REMOVED.
	(N) DEVICE OR EQUIP (EXAMPLE)
	(E) DEVICE OR EQUIP (EXAMPLE)
	(E) DEVICE OR EQUIP TO BE REMOVED (EXAMPLE)

WIRING, CONDUIT, AND RACEWAY SYMBOLS	
	CONDUIT - CONCEALED IN WALLS OR CEILING.
	CONDUIT - EXPOSED.
	CONDUIT - UNDERGROUND / DIRECT BURIAL.
	CONDUIT - FLEX WITH CONNECTION.
	CONDUIT - STUB UP.
	CONDUIT - STUB DOWN.
	CONDUIT - CAPPED.
	CONDUIT - CONTINUATION.
	IN-GRADE PULL BOX. SINGLE LINE = NON-TRAFFIC RATED. DOUBLE LINE = TRAFFIC RATED. "Y" = UNIQUE BOX IDENTIFIER. "X" = SYSTEM:
	P = POWER
	C = COMMUNICATIONS
	F = FIRE ALARM
	L = LIGHTING
	E = EV CHARGER

POWER DISTRIBUTION SYMBOLS (SINGLE LINE)	
	TRANSFORMER (SINGLE LINE)
	STANDARD / EMERGENCY PANEL BOARD
	STANDARD / EMERGENCY DISTRIBUTION PANELBOARD
	CIRCUIT BREAKER, 3-POLE UON.
	GROUND ROD
	METER WITH CURRENT TRANSFORMERS. "X" INDICATES METER IDENTIFIER, SEE SCHEDULE. U = UTILITY METER M# = OWNER METER, SEE SPECIFICATIONS

ABBREVIATIONS			
A	AMPERE	EMT	ELECTRICAL METALLIC TUBING
ABV	ABOVE	EOL	END OF LINE RESISTOR
AF	AMPERE FRAME, AMPERE FUSE	EOP	EQUIPMENT
AFF	ABOVE FINISHED FLOOR	FA	FIRE ALARM
AIC	AMPERE INTERRUPTING CAPACITY	FACP	FIRE ALARM CONTROL PANEL
ARCH	ARCHITECTURAL	(F)	FUTURE
AS	AMPERE SWITCH	FIN	FINISH
AT	AMPERE TRIP	FLR	FLOOR
ATS	AUTOMATIC TRANSFER SWITCH	G, GND	GROUND
BKR	BREAKER	GRC	GALVANIZED RIGID CONDUIT
BLDG	BUILDING	HGT	HEIGHT
C	CONDUIT	HP	HORSEPOWER
CATV	CABLE TELEVISION	IC	INTERCOM
CB	CIRCUIT BREAKER	IDF	INTERMEDIATE DISTRIBUTION FRAME
CBC	CALIFORNIA BUILDING CODE	IMC	INTERMEDIATE METAL CONDUIT
CD	CANDELA	INFO	INFORMATION
CEC	CALIFORNIA ELECTRICAL CODE	JB	JUNCTION BOX
CFC	CALIFORNIA FIRE CODE	KAIC	KILOAMPERE INTERRUPTING CAPACITY
CKT	CIRCUIT	KV	KILOVOLT
CL	CENTER LINE	KVA	KILOVOLT AMPERE
CLG	CEILING	KW	KILOWATT
CO	CONDUIT ONLY	LTG	LIGHTING
COMM	COMMUNICATIONS	LV	LOW VOLTAGE
CSFM	CALIFORNIA STATE FIRE MARSHALL	MAX	MAXIMUM
CTR	CENTER	KCMIL	THOUSAND CIRCULAR MILS
(D)	DEMOLISH	MDF	MAIN DISTRIBUTION FRAME
DET	DETAIL	MECH	MECHANICAL
DIM	DIMENSION	MH	MANHOLE
DIST	DISTRIBUTION	MIN	MINIMUM
DP	DISTRIBUTION PANEL	MTD	MOUNTED
DWG	DRAWING	MTG	MOUNTING
(E)	EXISTING	NC	NORMALLY CLOSED
ELEC	ELECTRICAL	NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
EM	EMERGENCY		

POWER DISTRIBUTION SYMBOLS (PLANS)	
	PANELBOARD - FLUSH MOUNTED.
	PANELBOARD - SURFACE MOUNTED.
	DISTRIBUTION PANEL
	SWBD
	MOTOR
	EQUIPMENT WITHOUT MOTOR
	EQUIPMENT WITH MOTOR
	UNFUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	MAGNETIC STARTER - NEMA SIZE INDICATED.
	MOTOR RATED SWITCH
	TRANSFORMER
	GROUND ROD
	EQUIPMENT TAG - SEE EQUIPMENT SCHEDULE "CH" = EQUIPMENT TYPE "2" = UNIQUE IDENTIFIER

LUMINAIRE SYMBOLS	
	LUMINAIRE - WALL MOUNT CAN.
	LUMINAIRE - WALL MOUNT BOX.
	LUMINAIRE - POLE MOUNT SINGLE HEAD.
	LUMINAIRE - POLE MOUNT DOUBLE HEAD.
TYPICAL LUMINAIRE NOMENCLATURE	
A	"A" DENOTES LUMINAIRE TYPE
L1-3b	"L1" DENOTES PANEL NAME "3" DENOTES CIRCUIT NUMBER "b" DENOTES SWITCH LEG
NOTES	
1. CONTRACTOR SHALL BE RESPONSIBLE FOR IDENTIFYING FIXTURE TYPE AND MOUNTING CONDITIONS, REGARDLESS OF SYMBOL SHOWN ON PLANS. COORDINATE WITH EXACT CEILING CONDITIONS TO PROVIDE ALL MOUNTING HARDWARE AND MISC. APPURTENANCES AS REQUIRED FOR A COMPLETE INSTALLATION.	
2. REFER TO LUMINAIRE/FIXTURE SCHEDULE FOR FIXTURE DESCRIPTION, MOUNTING, AND LAMPING INFORMATION.	

RECEPTACLE AND POWER SYMBOLS					
POKE THRU	FLR	WALL	CLG	AT HGT	
					SIMPLEX RECEPTACLES
					DUPLEX RECEPTACLES
					QUADRUPLEX RECEPTACLES
					GFCI DUPLEX RECEPTACLES
					GFCI QUADRUPLEX RECEPTACLES
					JUNCTION BOX
TYPICAL RECEPTACLE NOMENCLATURE					
R1-3		"R1" DENOTES PANEL NAME "3" DENOTES CIRCUIT NUMBER "X" DENOTES SPECIAL RECEPTACLE TYPE (IF APPLICABLE) "Y" DENOTES MOUNTING HEIGHT (IF APPLICABLE)			
R1-3					
R1-3					
R1-3					
NOTES					
1.	WALL MOUNTED DEVICES SHALL BE MOUNTED AT 18" AFF TO BOTTOM OF DEVICE, UON.				
2.	WALL MOUNTED DEVICES SHOWN AT A DEFINED HEIGHT SHALL BE MOUNTED WITH THE BOTTOM AT 1" ABOVE COUNTER BACKSPLASH, UON.				
2.1.	LOCATIONS WITH OPEN FORWARD APPROACH: 14" AFF MAX				
2.2.	LOCATIONS WITH PARALLEL APPROACH: 14" AFF MAX				
3.	SIZE JUNCTION BOXES AS REQUIRED PER CODE. TAPE AND TAG WIRES. COORDINATE WITH EQUIPMENT AND PROVIDE FLEX CONDUIT AND/OR RECEPTACLES AS REQUIRED TO CONNECT EQUIPMENT.				

LIGHTING CONTROLS SYMBOLS	
	SINGLE POLE SWITCH - WALL MTD AT + 48" AFF TO TOP OF BOX UON.
	TS
TYPICAL SWITCH NOMENCLATURE	
Xy	"y" DENOTES SWITCH LEG "x" DENOTES SWITCH TYPE D = DIMMER SWITCH L = LOW VOLTAGE MULTI-BUTTON SWITCH
Lx	LOW VOLTAGE MULTI-BUTTON SWITCH "x" DENOTES SWITCH UNIQUE SWITCH IDENTIFIER (SEE SCHEDULE FOR SWITCH LEGS/RELAYS CONTROLLED)
Dxyz	DIMMING MULTI-BUTTON SWITCH "x" "y" "z" (ETC) DENOTE SWITCH LEGS CONTROLLED
	MULTIPLE SWITCHES LOCATED WITHIN A SINGLE WALL PLATE "x" "y" "z" (ETC) DENOTE SWITCH LEGS CONTROLLED
NOTES	
1. PROVIDE SINGLE WALL PLATE FOR MULTIPLE SWITCHES LOCATED TOGETHER. PROVIDE APPROPRIATE QUANTITY, SIZE, AND SHAPE OF CUT OUTS TO ACCOMMODATE ALL DEVICES AT THAT LOCATION (E.G. REGULAR TOGGLE SWITCH VS. DECORATOR STYLE DEVICE). ALL WALLPLATES SHALL BE FACTORY CUT, NO FIELD CUT OPENINGS SHALL BE ALLOWED.	
2. DEVICE LOCATIONS ON PLANS ARE APPROXIMATE AND DIAGRAMMATIC. CONTRACTOR SHALL INSTALL DEVICES PER CODE REQUIREMENTS AND MANUFACTURER RECOMMENDATIONS.	
3. LIGHT SWITCHES SHALL NOT BE LOCATED BEHIND ROOM DOORS WHEN DOORS ARE FULLY OPENED. LOCATE ALL SWITCHES SUCH THAT THEY ARE VISIBLE AND ACCESSIBLE WHEN THE DOOR IS FULLY OPEN.	

OWNERSHIP OF INSTRUMENTS OF SERVICE	
1.	ALL REPORTS, DRAWINGS, SPECIFICATIONS, COMPUTER FILES, FIELD DATA, NOTES AND OTHER DOCUMENTS AND INSTRUMENTS PREPARED BY THE CONSULTANT AS INSTRUMENTS OF SERVICE SHALL REMAIN THE PROPERTY OF THE CONSULTANT. THE CONSULTANT SHALL RETAIN ALL COMMON LAW, STATUTORY AND OTHER RESERVED RIGHTS, INCLUDING THE COPYRIGHT THERETO.
2.	THE CLIENT ACKNOWLEDGES THE CONSULTANT'S CONSTRUCTION DOCUMENTS, INCLUDING ELECTRONIC FILES, AS INSTRUMENTS OF PROFESSIONAL SERVICE. NEVERTHELESS, THE FINAL CONSTRUCTION DOCUMENTS PREPARED UNDER THIS AGREEMENT SHALL BECOME THE PROPERTY OF THE CLIENT UPON COMPLETION OF THE SERVICES AND PAYMENT IN FULL OF ALL MONIES DUE TO THE CONSULTANT. THE CLIENT SHALL NOT REUSE OR MAKE ANY MODIFICATION TO THE CONSTRUCTION DOCUMENTS WITHOUT THE PRIOR WRITTEN AUTHORIZATION OF THE CONSULTANT. THE CLIENT AGREES, TO THE FULLEST EXTENT PERMITTED BY LAW, TO INDEMNIFY AND HOLD HARMLESS THE CONSULTANT, ITS OFFICERS, DIRECTORS, EMPLOYEES AND SUBCONSULTANTS (COLLECTIVELY, CONSULTANT) AGAINST ANY DAMAGES, LIABILITIES OR COSTS, INCLUDING REASONABLE ATTORNEY'S FEES AND DEFENSE COSTS, ARISING FROM OR ALLEGEDLY ARISING FROM OR IN ANY WAY CONNECTED WITH THE UNAUTHORIZED REUSE OR MODIFICATION OF THE CONSTRUCTION DOCUMENTS BY THE CLIENT OR ANY PERSON OR ENTITY THAT ACQUIRES OR OBTAINS THE CONSTRUCTION DOCUMENTS FROM OR THROUGH THE CLIENT WITHOUT THE WRITTEN AUTHORIZATION OF THE CONSULTANT.

CODES AND STANDARDS	
1.	2022 CALIFORNIA BUILDING CODE (CBC), VOLUMES #1 AND #2 (PART 2, TITLE 24, CCR).
2.	2022 CALIFORNIA ELECTRICAL CODE (PART 3, TITLE 24, CCR).
3.	2022 CALIFORNIA MECHANICAL CODE (CMC) (PART 4, TITLE 24, CCR).
4.	2022 CALIFORNIA PLUMBING CODE (CPC) (PART 5, TITLE 24, CCR).
5.	2022 CALIFORNIA ENERGY CODE (PART 6, TITLE 24, CCR).
6.	2022 CALIFORNIA FIRE CODE (CFC) (PART 9, TITLE 24, CCR).
7.	2022 CALIFORNIA GREEN CODE (PART 11, TITLE 24, CCR).
8.	2022 CALIFORNIA REFERENCED STANDARDS CODE (PART 12, TITLE 24, CCR).
9.	2022 NEPA 72 NATIONAL FIRE ALARM CODE.
10.	2015 NFPA 720 STANDARDS FOR CARBON MONOXIDE DETECTION AND WARNING.
11.	2022 NFPA 13 STANDARDS FOR FIRE SPRINKLER SYSTEMS.
12.	ADA STANDARDS FOR ACCESSIBLE DESIGN: ADA ACCESSIBILITY GUIDELINES (ADAA) 28, PART 36 APPENDIX A.
13.	ADA STANDARDS FOR ACCESSIBLE DESIGN - CODE OF REGULATIONS (INCLUDING AMENDMENTS).

DRAWING INDEX		
E000	GENERAL INFORMATION	
E100	SITE PLAN NORTH	
E101	SITE PLAN SOUTH	
E600	DIAGRAMS & SCHEDULES	
E800	DETAILS	
E900	T24 - EXTERIOR LTG	

GENERAL SYMBOLS	
	PLAN OR DETAIL DESIGNATION "3" DENOTES DETAIL OR PLAN NUMBER "E2.1" DENOTES SHEET NUMBER. "-" DENOTES SAME SHEET.
	SECTION OR ELEVATION DESIGNATION "2" DENOTES SECTION OR ELEVATION NUMBER "E1.0" DENOTES SHEET NUMBER. "-" DENOTES SAME SHEET.
	SHEET NOTE TAG - SEE APPLICABLE NOTE ON SAME SHEET
	FEEDER SCHEDULE TAG, SEE APPLICABLE SCHEDULE
	CONDUIT SCHEDULE TAG, SEE APPLICABLE SCHEDULE

GENERAL NOTES	
A.	THE CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO BIDDING AND ALLOW FOR ALL FIELD CONDITIONS. OBTAIN CONTRACT DOCUMENTS FOR ALL OTHER TRADES AND BE RESPONSIBLE FOR ALL ELECTRICAL WORK NOTED AND CALLED OUT ON THE CONTRACT DOCUMENTS. COORDINATE ELECTRICAL WORK WITH ALL OTHER TRADES ON PROJECT. COORDINATE ALL CONDUIT RUNS, ELECTRICAL EQUIPMENT AND PANEL LOCATIONS WITH ALL OTHER WORK TO AVOID CONFLICTS.
B.	COMPLY WITH ALL APPLICABLE CODES AND REGULATIONS. MATERIALS AND EQUIPMENT SHALL BE U.L. AND CALIFORNIA STATE FIRE MARSHAL (CSFM) LISTED AND LABELED FOR THE APPLICATION.
C.	BEFORE BEGINNING CONSTRUCTION, PROVIDE TO THE ARCHITECT A CONSTRUCTION SCHEDULE OF ELECTRICAL WORK. THE CONSTRUCTION SCHEDULE SHALL IDENTIFY ALL SIGNIFICANT MILESTONES WITH COMPLETION DATES.
D.	OBTAIN AND PAY FOR ALL PERMITS, LICENSES AND INSPECTION FEES REQUIRED BY THIS CONTRACT WORK, UNLESS OTHERWISE NOTED.
E.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONS AND PROPERTY AND SHALL PROVIDE INSURANCE COVERAGE AS NECESSARY FOR LIABILITY, PERSONAL, PROPERTY DAMAGE, TO FULLY PROTECT THE OWNER, ARCHITECT AND ENGINEER FROM ANY AND ALL CLAIMS RESULTING FROM THIS WORK.
F.	MAINTAIN RECORD DRAWINGS AT THE PROJECT SITE INDICATING ALL MODIFICATIONS TO ELECTRICAL SYSTEMS. AT THE CONCLUSION OF THE PROJECT, PROVIDE ACCURATE "AS-BUILT" DRAWINGS ACCEPTABLE TO THE ARCHITECT.
G.	ALL MATERIALS PROVIDED FOR THE PROJECT SHALL BE NEW, UNLESS OTHERWISE NOTED. PROVIDE ALL INCIDENTAL MATERIALS REQUIRED FOR A COMPLETE INSTALLATION.
H.	ALL ELECTRICAL EQUIPMENT INSTALLED OUTDOORS SHALL BE WEATHERPROOF. EXTERIOR CONDUIT RUNS INTO BUILDINGS SHALL BE INSTALLED WITH FLASHING, CAULKED AND SEALED. CONDUITS FOR EXTERIOR ELECTRICAL DEVICES SHALL BE RUN INSIDE BUILDING, UNLESS OTHERWISE NOTED. UNDERGROUND AND EXTERIOR CONDUIT SHALL HAVE WATERTIGHT FITTINGS.
I.	ALL CONDUITS SHALL BE A MINIMUM 3/4," UNLESS OTHERWISE NOTED. POWER AND LIGHTING BRANCH CIRCUITS SHALL HAVE A MINIMUM TWO (2) #12 AWG AND ONE (1) #12 AWG GROUND TYPE THWN/THHN. ALL POWER AND FIRE ALARM WIRING SHALL BE RUN IN CONDUIT. THE USE OF ROMEX (NMC) OR BX (AC) CABLE IS NOT PERMITTED. PROVIDE ALL WIRES AND WIRE SIZES REQUIRED BY LATEST CODES.
J.	ALL WIRE SIZING SHOWN ON THE CONSTRUCTION DOCUMENTS UTILIZES ASSUMED ROUTING AND CIRCUIT LENGTHS TO DETERMINE VOLTAGE DROP. CONTRACTOR SHALL VERIFY ALL CIRCUIT LENGTHS WITH ACTUAL FIELD CONDITIONS AND SHALL PROVIDE INCREASED WIRE AND CONDUIT SIZES AS REQUIRED TO LIMIT FEEDERS TO A MAXIMUM OF 2% VOLTAGE DROP AND BRANCH CIRCUITRY TO A MAXIMUM OF 3% VOLTAGE DROP.
K.	ALL POWER CIRCUITS SHALL HAVE A DEDICATED NEUTRAL. SHARED NEUTRALS WITH TIE-BARS AT THE BREAKERS IN THE PANEL SHALL NOT BE ALLOWED.
L.	CONDUITS SHALL NOT BE USED AS A GROUND PATH. ALL CONDUITS SHALL CONTAIN A GROUNDING CONDUCTOR, SIZED PER NEC/CEC REQUIREMENTS.
M.	NOTE THAT BRANCH CIRCUIT WIRING IS NOT SHOWN. CIRCUIT NUMBERS ARE SHOWN ADJACENT TO ALL OUTLETS/FIXTURES/DEVICES. PROVIDE ALL BRANCH CIRCUIT WIRING BASED ON CIRCUIT NUMBERS SHOWN TO COMPLETE THE WIRING SYSTEM.
N.	INCLUDE UTILITY COMPANY'S "CONTRACT-DOCUMENTS" WITH THE BID. REMAIN IN CONTACT WITH THE UTILITY COMPANY'S ENGINEERING DEPARTMENT THROUGHOUT THE PROJECT TO INSURE COORDINATION AND SCHEDULING OF WORK.
O.	PROVIDE A PULL CORD IN EVERY EMPTY CONDUIT FOR USE IN FUTURE CONSTRUCTION. LABEL EACH END OF THE CONDUIT WITH TYPED, PERMANENT LABEL, TO IDENTIFY WHERE THE OPPOSING END TERMINATES.
P.	ALL EQUIPMENT VOLTAGES AND AMPACITY IS BASED ON THE INFORMATION PROVIDED BY OTHER DISCIPLINES AS PART OF THE CONTRACT DOCUMENTS. VERIFY ALL VOLTAGES AND AMPACITIES OF EQUIPMENT WITH GENERAL AND OTHER SUB-CONTRACTORS PRIOR TO ROUGH-IN AND PROVIDE PROVISIONS FOR CORRECT BREAKER, WIRING, AND CONDUIT SIZES BASED ON ACTUAL EQUIPMENT TO BE USED FOR THE PROJECT.
Q.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR SITE LOCATING ALL EXISTING UNDERGROUND SYSTEMS IN THE AREA OF UNDER GROUND WORK. REPAIR ALL DAMAGED SYSTEMS TO OWNERS SATISFACTION. MAINTAIN EXTREME CARE DURING TRENCHING AS EXISTING SYSTEMS ARE KNOWN TO EXIST IN THE AREA. THE DRAWINGS AND SPECIFICATIONS ARE FOR THE ASSISTANCE AND GUIDANCE OF THE CONTRACTOR. EXACT LOCATIONS, DISTANCES AND ELEVATIONS WILL BE GOVERNED BY ACTUAL CONDITIONS. COORDINATE THE CONTRACT DOCUMENTS AND FIELD CONDITIONS TO DETERMINE EXACT ROUTING AND FINAL TERMINATIONS FOR ALL WORK.
R.	CONDUIT AND WIRING ARE SHOWN ON THESE PLANS DIAGRAMMATICALLY. EXACT LOCATIONS SHALL BE DETERMINED IN THE FIELD TO SUIT SITE CONDITIONS.
S.	PLANS SHALL BE APPROVED BY THE AUTHORITY HAVING JURISDICTION PRIOR TO BEGINNING WORK. SUBMIT SHOP DRAWINGS TO THE ENGINEER FOR REVIEW PRIOR TO PURCHASE.
T.	SUFFICIENT ACCESS AND WORKING SPACE SHALL BE PROVIDED AND MAINTAINED ABOUT ALL ELECTRIC EQUIPMENT TO PERMIT READY AND SAFE OPERATION AND MAINTENANCE OF SUCH EQUIPMENT PER CEC ARTICLE 110-26.
U.	ALL CONTROLS, SWITCHES, AND ELECTRICAL RECEPTACLE OUTLETS SHALL BE NOT MORE THAN +48" AFF TO TOP OF THE OUTLET BOX, NOR LESS THAN +15" AFF TO BOTTOM OF OUTLET BOX PER CBC 11B-308.1.
V.	CONTRACTOR SHALL PERFORM ALL TESTING AND COMPLETE ALL DOCUMENTATION FOR THE LIGHTING AND LIGHTING CONTROLS SYSTEM ACCEPTANCE. TESTING PER REQUIREMENTS OF CEC SECTION 130.4. SUBMIT ALL DOCUMENTATION TO THE AHJ.



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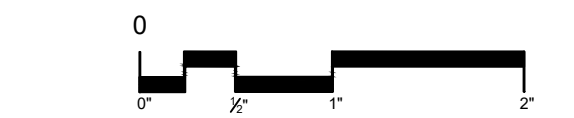
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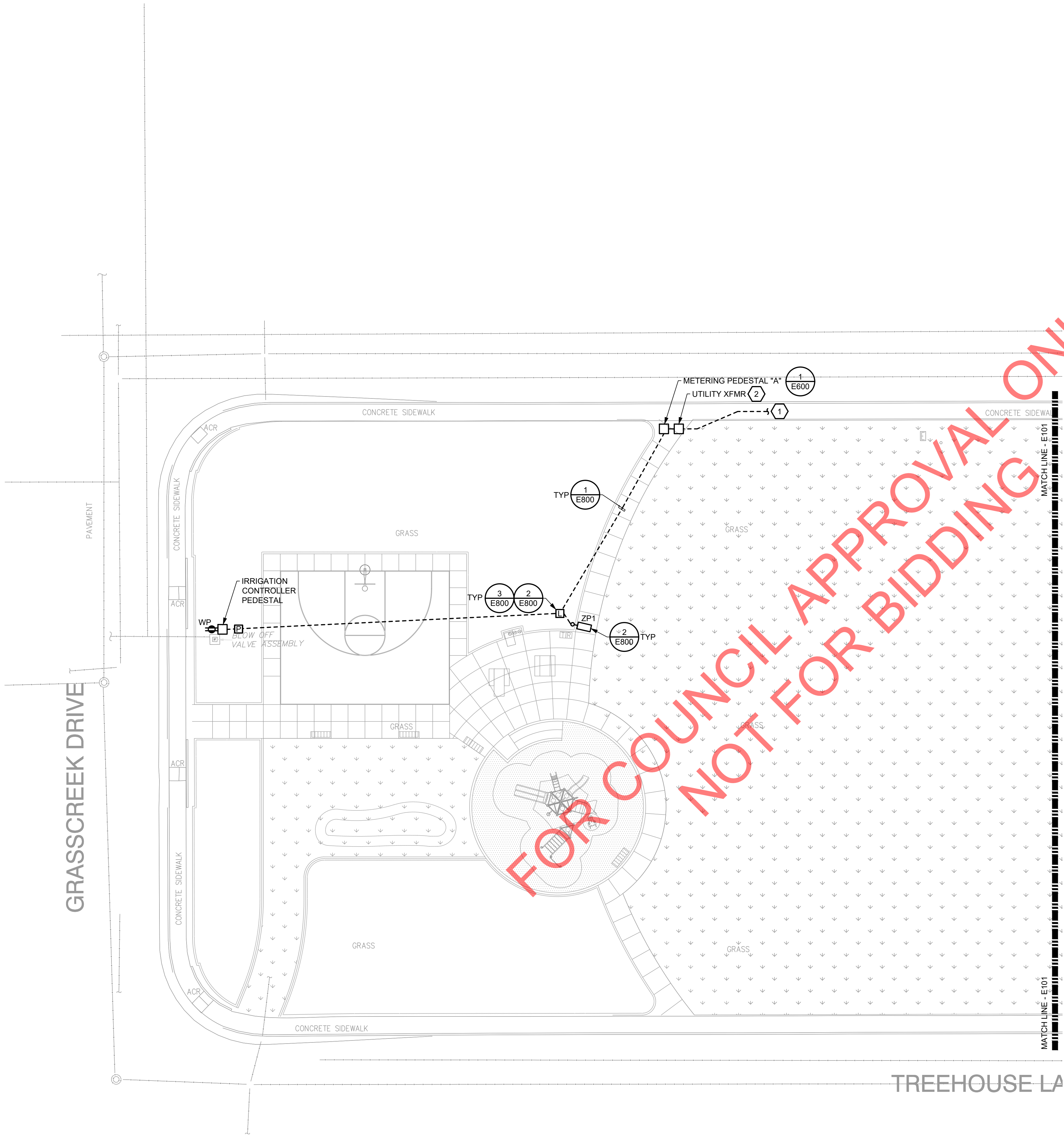
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GENERAL
INFORMATION

E000

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1 SITE PLAN NORTH
1/16" = 1'-0"

GENERAL NOTES

- A. THE CONTRACTOR SHALL COORDINATE ALL ELECTRICAL SERVICE INSTALLATION AND/OR DEMOLITION WITH PG&E.
- B. LABEL IN GRADE POWER PULL BOXES AS "ELECTRICAL."
- C. CONCEAL ALL CONDUIT, UNLESS OTHERWISE NOTED.
- D. AREA MAY CONTAIN UNDERGROUND RACEWAY. SITE LOCATE ALL EXISTING UNDERGROUND RACEWAY IN THIS AREA BEFORE TRENCHING. MAINTAIN EXTREME CARE WHEN TRENCHING.
- E. COORDINATE EXACT LOCATIONS OF ALL ARCHITECTURAL, LANDSCAPING, AND CIVIL EQUIPMENT WITH ARCHITECTURAL, LANDSCAPING, AND CIVIL DRAWINGS.
- F. CIRCUIT ALL DEVICES ON THIS SHEET TO METERING PEDESTAL "A", UNLESS OTHERWISE NOTED.
- G. CIRCUIT EXTERIOR LIGHT FIXTURES VIA PHOTOCCELL INTEGRAL TO METERING PEDESTAL. SEE DETAIL 1/E600. CIRCUIT LIGHT FIXTURES WITH (2) #10 + (1) #10G - 1" C.
- H. SEE DRAWING E800 FOR LIGHT FIXTURE MOUNTING DETAILS.
- I. CERTAIN FEEDER AND BRANCH CIRCUIT WIRE SIZES HAVE BEEN OVERSIZED TO COMPENSATE FOR VOLTAGE DROP. SPLICE WIRES TO COMPATIBLE SIZES FOR TERMINATION, ADJACENT TO EQUIPMENT CONNECT AS REQUIRED.
- J. CONTRACTOR SHALL SIZE ALL IN GRADE PULL BOXES PER CODE OR FOR THEIR CONVENIENCE FOR PULLING WIRE, WHICHEVER IS LARGER.

SHEET NOTES

- 1. PROVIDE PRIMARY CONDUIT PER UTILITY COMPANY REQUIREMENTS BACK TO POINT OF CONNECTION. COORDINATE EXACT POINT OF CONNECTION WITH UTILITY COMPANY REPRESENTATIVE.
- 2. PROVIDE PRECAST TRANSFORMER PAD PER UTILITY COMPANY REQUIREMENTS. COORDINATE EXACT REQUIREMENTS WITH UTILITY COMPANY REPRESENTATIVE.



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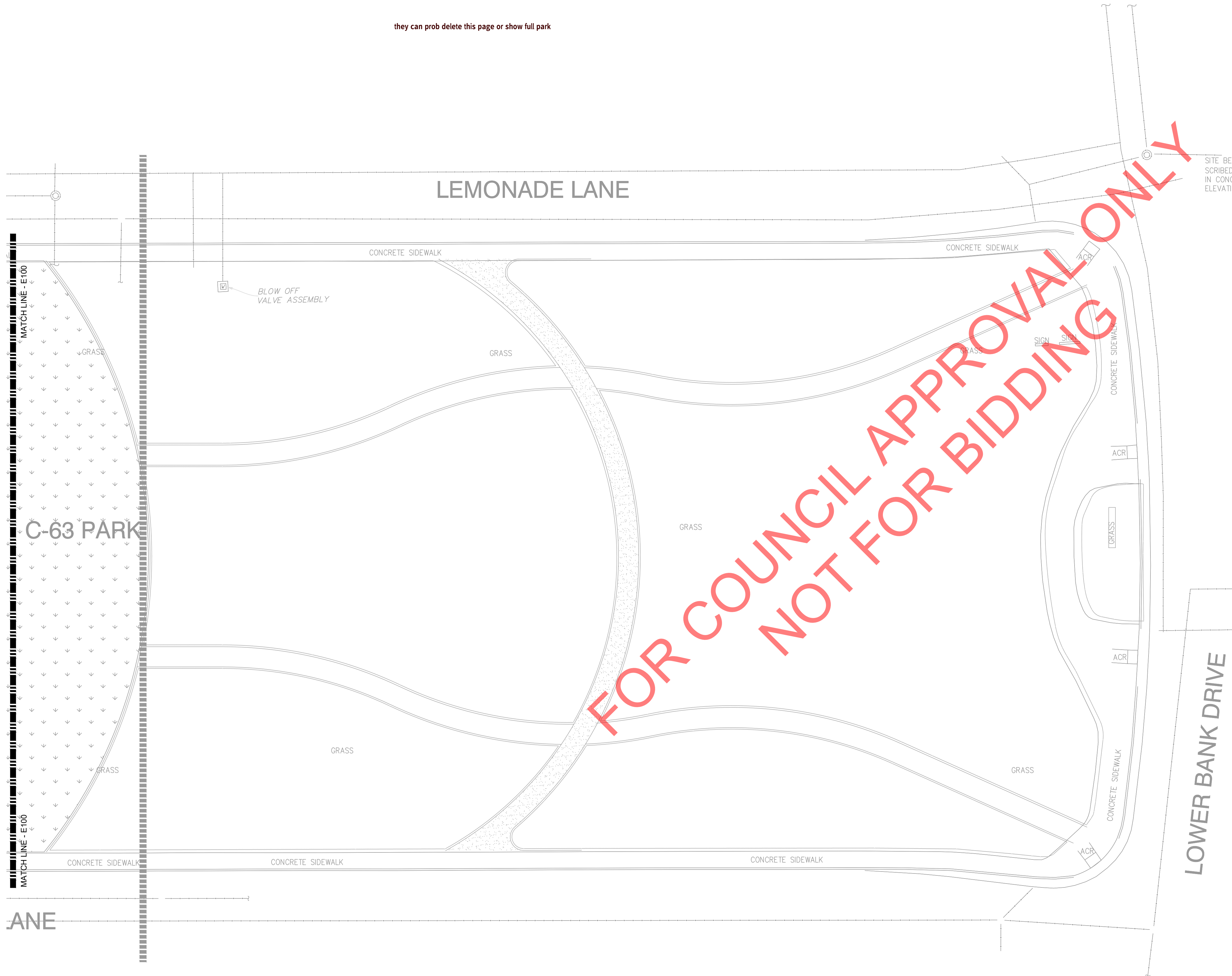


ELEC SITE PLAN
NORTH

E100

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they can prob delete this page or show full park



1

SITE PLAN SOUTH

1/16" = 1'-0"

GENERAL NOTES

- A. THE CONTRACTOR SHALL COORDINATE ALL ELECTRICAL SERVICE INSTALLATION AND/OR DEMOLITION WITH PG&E.
- B. LABEL IN GRADE POWER PULL BOXES AS "ELECTRICAL."
- C. CONCEAL ALL CONDUIT, UNLESS OTHERWISE NOTED.
- D. AREA MAY CONTAIN UNDERGROUND RACEWAY. SITE LOCATE ALL EXISTING UNDERGROUND RACEWAY IN THIS AREA BEFORE TRENCHING. MAINTAIN EXTREME CARE WHEN TRENCHING.
- E. COORDINATE EXACT LOCATIONS OF ALL ARCHITECTURAL, LANDSCAPING, AND CIVIL EQUIPMENT WITH ARCHITECTURAL, LANDSCAPING, AND CIVIL DRAWINGS.
- F. CIRCUIT ALL DEVICES ON THIS SHEET TO METERING PEDESTAL "A", UNLESS OTHERWISE NOTED.
- G. CIRCUIT EXTERIOR LIGHT FIXTURES VIA PHOTOCCELL INTEGRAL TO METERING PEDESTAL. SEE DETAIL 1/E600. CIRCUIT LIGHT FIXTURES WITH (2) #10 + (1) #10G - 1" C.
- H. SEE DRAWING E800 FOR LIGHT FIXTURE MOUNTING DETAILS.
- I. CERTAIN FEEDER AND BRANCH CIRCUIT WIRE SIZES HAVE BEEN OVERSIZED TO COMPENSATE FOR VOLTAGE DROP. SPLICE WIRES TO COMPATIBLE SIZES FOR TERMINATION, ADJACENT TO EQUIPMENT CONNECT AS REQUIRED.
- J. CONTRACTOR SHALL SIZE ALL IN GRADE PULL BOXES PER CODE OR FOR THEIR CONVENIENCE FOR PULLING WIRE, WHICHEVER IS LARGER.

#

SHEET NOTES

1. PROVIDE PRIMARY CONDUIT PER UTILITY COMPANY REQUIREMENTS BACK TO POINT OF CONNECTION. COORDINATE EXACT POINT OF CONNECTION WITH UTILITY COMPANY REPRESENTATIVE.
2. PROVIDE PRECAST TRANSFORMER PAD PER UTILITY COMPANY REQUIREMENTS. COORDINATE EXACT REQUIREMENTS WITH UTILITY COMPANY REPRESENTATIVE.



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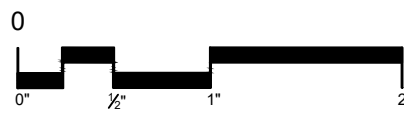
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ELEC SITE PLAN
SOUTH

E101

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E600

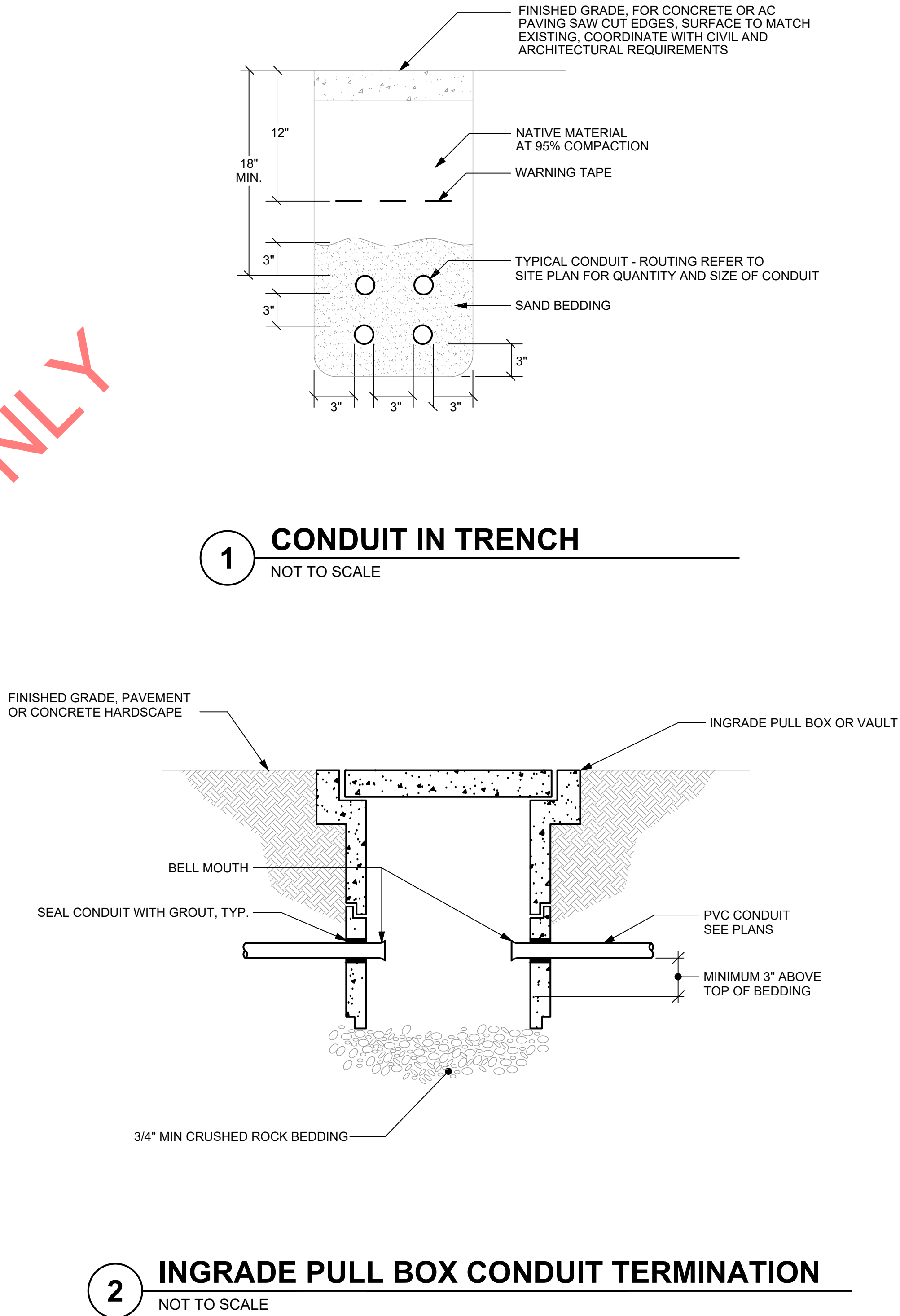
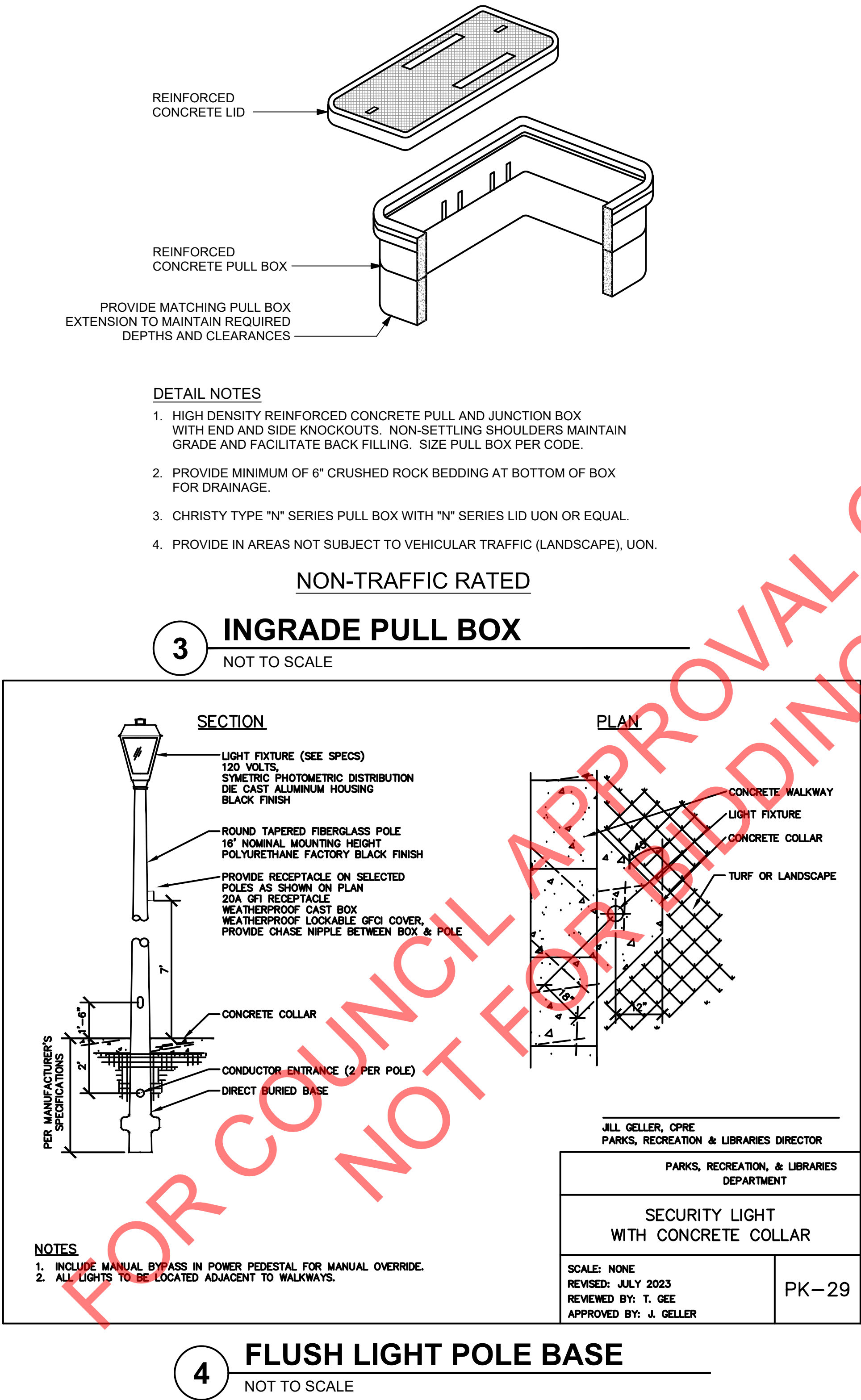


LUMINAIRE SCHEDULE											
FIXTURE TAG KEY: G = GROUND MOUNT; L = LINEAR FIXTURES THAT HAVE VARIABLE LENGTH ON THE PROJECT; P = PENDANT MOUNTED; R = RECESSED; S = SURFACE MOUNTED; T = TRACK OR TRACK HEAD; W = WALL MOUNTED; X = EXIT SIGNS; Y = POLE MOUNTED; Z = EXTERIOR - TO PRECEDE OTHER FIXTURE TAGS - E.G. ZW1 WOULD BE AN EXTERIOR WALL MOUNTED FIXTURE											
FIXTURE TAG	INPUT WATTS (W)	LIGHT SOURCE	COLOR TEMP (K)	CRI	OUTPUT (LUMENS)	EFFICACY (LPW)	LED DRIVER OR BALLAST	VOLTS (V)	DESCRIPTION	MANUFACTURER	REMARKS
ZP1	39	LED	4000	80	5866	150.4	INTEGRAL LED DRIVER	UNIVERSAL	POST-TOP REFRACTIVE GLOBE LED FIXTURE. DECORATIVE. ACORN TOP. ROUND FITTER WITH SCALLOPED PETALS. BLACK FINISH. WIDE OPTIC. TYPE 5 DISTRIBUTION. B3-U5-G3.	HADCO URBAN RL54 SERIES RL54-B-B-N-N-1-A-W-N-N-A-2-N-N-N-SP1 LIGHT FIXTURE WITH WHATLEY TR34-16-DE-BLK-TXT-30-RC POLE CITY STANDARD. NO SUBSTITUTIONS	1. PROVIDE 16'-0" TALL POLE.

- A. CERTAIN FEEDER AND BRANCH CIRCUIT WIRE SIZES HAVE BEEN OVERSIZED TO COMPENSATE FOR VOLTAGE DROP. SPLICE WIRES TO COMPATIBLE SIZES FOR TERMINATION, ADJACENT TO EQUIPMENT CONNECT AS REQUIRED.
- B. THE CONTRACTOR SHALL PROVIDE, INCLUDING BUT NOT LIMITED TO, A THIRD PARTY SHORT CIRCUIT ANALYSIS, A PROTECTIVE DEVICE TIME-CURRENT COORDINATION ANALYSIS, AND A FLASH ARC HAZARD ANALYSIS FOR ALL POWER DISTRIBUTION EQUIPMENT. SIX COPIES OF THESE STUDIES AND ALL TEST RESULTS SHALL BE PROVIDED TO THE ARCHITECT AND THE ELECTRICAL ENGINEER OF RECORD STAMPED DOCUMENTS AS PART OF THE "AS-BUILT" DOCUMENTATION TO CLOSE OUT THE PROJECT.
- C. PER CEC 110.16 THE CONTRACTOR SHALL PROVIDE AND INSTALL PERMANENTLY ATTACHED ARC FLASH HAZARD LABELS FOR ALL NEW POWER DISTRIBUTION EQUIPMENT. THE LABEL SHALL BE PROFESSIONALLY PRINTED AND INCLUDE THE FOLLOWING INFORMATION:
 - a. EXISTENCE OF THE ARC FLASH HAZARD FLASH PROTECTION BOUNDARY
 - b. INCIDENT ENERGY AT 18" EXPRESSED IN CAL/CM2
 - c. PPE CLOTHING REQUIRED
 - d. VOLTAGE SHOCK HAZARD
 - e. LIMITED SHOCK APPROACH BOUNDARY
 - f. RESTRICTED SHOCK APPROACH BOUNDARY
 - g. PROHIBITED SHOCK APPROACH BOUNDARY

1. INCOMING SECONDARY FEEDERS FROM UTILITY TO NEW UTILITY PEDESTAL METER PANEL "A". COORDINATE WITH UTILITY TO AND PROVIDE CONDUITS PER UTILITY COMPANY REQUIREMENTS.
2. INTERCEPT (E) TREE UPLIGHT CIRCUIT AND EXTEND TO NEW SIGN LIGHTING. REFER TO PLANS FOR ADDITIONAL INFORMATION.
3. PROVIDE ASTRONOMIC TIME CLOCK, TORK DZS200BP, MOUNT TIMECLOCK WITHIN UTILITY PEDESTAL ENCLOSURE.

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DETAILS

E800

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

This document is used to demonstrate compliance with requirements in 110.9, 130.0, 130.2, 140.7, and 141.0(b)(2) for outdoor lighting scopes using the prescriptive path for nonresidential and hotel/motel occupancies. It is also used to document compliance with requirements in 160.5, 170.2(e)(6), 180.1(a) and 180.2(b)(4b) for outdoor lighting scopes using the prescriptive path for multifamily and mixed-use occupancies. Multifamily includes dormitory and senior living facilities.

Project Name: 2491.05 - Roseville C63 Park

Report Page: (Page 1 of 7)

Project Address: GRASSCREEK DR & LEMONADE LN, ROSEVILLE, CA

Date Prepared: 2024-10-14T11:38:36-04:00

A. GENERAL INFORMATION

01 Project Location (city) Roseville

02 Climate Zone 11

04 Total Illuminated Hardscape Area (ft²) 4732

03 Outdoor Lighting Zone per Title 24 Part 1 10.114 or as designated by Authority Having Jurisdiction (AHJ):

☐ L2-0: Very Low - Undeveloped Parkland

☐ L2-2: Moderate - Urban Clusters

☐ L2-4: High - Must be reviewed by CA Energy Commission for Approval

☐ L2-1: Low - Rural Areas

☒ L2-3: Moderately High - Urban Areas

05 Occupancy Types within Project

• All Other Occupancies

B. PROJECT SCOPE

This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.7 / 170.2(e)(6) or 141.0(b)(2) / 180.2(b)(4b) for alterations.

My Project Consists of:

01

02

☒ New Lighting System

Must Comply with Allowances from 140.7 / 170.2(e)(6)

☐ Altered Lighting System

Is your alteration increasing the connected lighting load (Watts)?

☒ Yes

☐ No

03

04

05

% of Existing Luminaires Being Altered¹

Sum Total of Luminaires Being Added or Altered

Calculation Method

☐ < 10%

☐ >= 10% and < 50%

☐ >= 50%

Please proceed to Table F. Outdoor Lighting Fixture Schedule to define the project's luminaires.

¹ FOOTNOTES: % of Existing Luminaires Being Altered = (Sum Total of Luminaires Being Added or Altered / Existing Luminaires within the Scope of the Permit Application) x 100.

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Compliance ID: 233007-1024-0003

Schema Version: rev 20220101

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STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

Project Name: 2491.05 - Roseville C63 Park

Report Page: (Page 4 of 7)

Date Prepared: 2024-10-14T11:38:36-04:00

H. OUTDOOR LIGHTING CONTROLS

This table demonstrates compliance with controls requirements for all new or altered luminaires installed as part of the permit application. For alteration projects, luminaires which are existing to remain (ie untouched) and luminaires which are removed and reinstalled (wiring only) do not need to be included in this table even if they are within the spaces covered by the permit application. Outdoor lighting for nonresidential buildings, parking garages and common service areas in multifamily buildings must be documented separately from outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit.

Mandatory Controls for Nonresidential Occupancies, Parking Garages & Common Areas in Multifamily Buildings

01

02

03

04

05

Area Description

Shut-Off 130.2(c)(1) / 160.5(c)

Auto-Schedule 130.2(c)(2) / 160.5(c)

Motion Sensor 130.2(c)(3) / 160.5(c)

Field Inspector

HARDSCAPE: "ZP1"

Astronomical Timer

Provided

NA: Each Luminaire <= 40 Watts

Pass

Fail

Footnote: FOOTNOTE: Text has been abbreviated, please refer to Table 160.5-A to confirm compliance with the specific light source technologies listed.

Footnote: Footnote: Authority having jurisdiction may ask for cutsheets or other documentation to confirm compliance of light source.

Footnote: Footnote: Recessed luminaires marked for use in fire-rated installations, and recessed luminaires installed in non-insulated ceilings are excepted from ii and iii.

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Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

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Project Name: 2491.05 - Roseville C63 Park

Report Page: (Page 2 of 7)

Date Prepared: 2024-10-14T11:38:36-04:00

C. COMPLIANCE RESULTS

Results in this table are automatically calculated from data input and calculations in Tables F through N. Note: If any cell on this table says "COMPLIES with Exceptional Conditions" refer to Table D. Exceptional Conditions for guidance or see applicable Table referenced below.

Calculations of Total Allowed Lighting Power (Watts) 140.7 / 170.2(e)(6) or 141.0(b)(2) / 180.2(b)(4b)

01

02

03

04

05

06

07

08

09

General Hardscape Allowance 140.7(d)(1) / 170.2(e)(6) (See Table I)

+

Per Application 140.7(d)(2) / 170.2(e)(6) (See Table J)

+

Sales Frontage 140.7(d)(2) (See Table K)

+

Ornamental 140.7(d)(2) / 170.2(e)(6) (See Table L)

+

Per Specific Area 140.7(d)(2) / 170.2(e)(6) (See Table M)

OR

Existing Power Allowance 141.0(b)(2) / 180.2(b)(4b) (See Table N)

=

Total Allowed (Watts)

≥

Total Actual (Watts)

07 must be >= 08

448.37

+

+

+

+

OR

=

448.37

≥

78

COMPLIES

Shielding Compliance (See Table G for Details)

Controls Compliance (See Table H for Details)

N/A

COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

Project Name: 2491.05 - Roseville C63 Park

Report Page: (Page 5 of 7)

Date Prepared: 2024-10-14T11:38:36-04:00

I. LIGHTING POWER ALLOWANCE (per 140.7 / 170.2(e))

This table includes areas using allowance calculations per 140.7 / 170.2(e). General Hardscape Allowance is per Table 140.7-A/ Table 170.2-R while "Use it or lose it" Allowances are per Table 140.7-B/ Table 170.2-S. Indicate which allowances are being used to expand sections for user input. Luminaires that qualify for one of the "Use it or lose it" allowances shall not qualify for another "Use it or lose it" allowance. Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

01

☒ General Hardscape Allowance Table I (below)

☐ Per Application Table J

☐ Sales Frontage Table K

☐ Ornamental Table L

☐ Per Specific Area Table M

Calculated General Hardscape Lighting Power Allowance per Table 140.7-A for Nonresidential & Hotel/Motel

02

03

04

05

06

07

08

09

Area Description

Illuminated Area (ft²)

Allowed Density (W/ft²)

Area Allowance (Watts)

Perimeter Length (ft)

Allowed Density (W/ft)

Linear Allowance (Watts)

Total General AWA + LWA (Watts)

HARDSCAPE

4732

0.021

99.37

495

0.2

99

198.37

Initial Wattage Allowance for Entire Site (Watts):

250

Instances of Initial Wattage Allowance (L2 0 only):

Total General Hardscape Allowance (Watts):

448.37

J. LIGHTING ALLOWANCE: PER APPLICATION

This section does not apply to this project.

K. LIGHTING ALLOWANCE: SALES FRONTAGE

This section does not apply to this project.

L. LIGHTING ALLOWANCE: ORNAMENTAL

This section does not apply to this project.

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Compliance ID: 233007-1024-0003

Schema Version: rev 20220101

Report Generated: 2024-10-14 08:38:37

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

Project Name: 2491.05 - Roseville C63 Park

Report Page: (Page 7 of 7)

Project Address:

Date Prepared: 2024-10-14T11:38:36-04:00

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Joseph Malino

Documentation Author Signature:

Company: ATIUM ENGINEERING

Signature Date: 10.14.24

Address: 3533 YORK LN

CEA/HERS Certification Identification (if applicable):

City/State/Zip: SAN RAMON, CA 94582

Phone: 913.961.1658

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Compliance is true and correct.

2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).

3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.

4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.

5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Joseph Malino

Responsible Designer Signature:

Company: ATIUM ENGINEERING

Date Signed: 10.14.24

Address: 3533 YORK LN

License: E19203

City/State/Zip: SAN RAMON, CA 94582

Phone: 913.961.1658

Generated Date/Time:

Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000

Compliance ID: 233007-1024-0003

Schema Version: rev 20220101

Report Generated: 2024-10-14 08:38:37

STATE OF CALIFORNIA

Outdoor Lighting

CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE

NRCC-LTO-E

Project Name: 2491.05 - Roseville C63 Park

Report Page: (Page 3 of 7)

Date Prepared: 2024-10-14T11:38:36-04:00

F. OUTDOOR LIGHTING FIXTURE SCHEDULE

For new or altered lighting systems demonstrating compliance with 140.7 / 170.2(e)(6) all new luminaires being installed and any existing luminaires remaining or being moved within the spaces covered by the permit application are included in the Table below. For altered lighting systems using the Existing Power method per 141.0(b)(2) only new luminaires being installed and replacement luminaires being installed as part of the project scope are included (ie, existing luminaires remaining or existing luminaires being moved are not included). Outdoor lighting attached to multifamily buildings and controlled from the inside of a dwelling unit are included in Table H. and are not included here. All other multifamily outdoor lighting is included here.

Designed Wattage:

01

02

03

04

05

06

07

08

09

10

Name or Item Tag

Complete Luminaire Description

Watts per luminaire¹,²

How is Wattage determined

Total Number Luminaires²

Luminaire Status³

Excluded per 140.7(a) / 170.2(e)(6A)

Design Watts

Cutoff Req. > 6,200 initial lumen output 130.2(b) / 160.5(c)¹,⁴

Field Inspector

Pass

Fail

ZP1

POLE LIGHT

☐ Linear

39

Mfr. Spec

2

New

☐

78

NA: < 6200 lumens

☐

☐

Total Design Watts:

78

Footnote: FOOTNOTES: Selections with a * require a note in the space below explaining how compliance is achieved.

Footnote: EX: Luminaire is lighting a statue; EXCEPTION 2 to 130.2(b)

Footnote: FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b)

Footnote: Footnote: For linear luminaires, wattage should be indicated as W/ft instead of Watts/luminaire. Total linear feet should be indicated in column 05 instead of number of luminaires.

Footnote: Footnote: Select "New" for new luminaires in a new outdoor lighting project, or for added luminaires in an alteration. Select "Altered" for replacement luminaires in an alteration. Select "Existing to Remain" for existing luminaires within the project scope that are not being altered and are remaining. Select "Existing Reinstalled" for existing luminaires which are being removed and reinstalled as part of the project scope.

Footnote: Footnote: Compliance with mandatory shielding requirements is required for luminaires with initial lumen output >= 6,200 unless exempted by 130.2(b) / 160.5(c)

G. SHIELDING REQUIREMENTS (BUG)

This section does not apply to this project.

M. LIGHTING ALLOWANCE: PER SPECIFIC AREA

This section does not apply to this project.

N. EXISTING CONDITIONS POWER ALLOWANCE (alterations only)

This section does not apply to this project.

O. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and can be found online.

Form/Title

NRCC-LTO-E - Must be submitted for all buildings.

P. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Selections have been made based on information provided in this document. If any selection has been changed by permit applicant, an explanation should be included in Table E. Additional Remarks. These documents must be provided to the building inspector during construction and must be completed through an Acceptance Test Technician Certification Provider (ATTCP). For more information visit: <http://www.energy.ca.gov/title24/attcp/providers.html>

Form/Title

Systems/Spaces To Be Field Verified

NRCA-LTO-02-A - Must be submitted for all outdoor lighting controls except for alterations where controls are added to <= 20 luminaires.

HARDSCAPE: "ZP1"

Generated Date/Time:

Documentation Software: Energy Code Ace

CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance

Report Version: 2022.0.000

Compliance ID: 233007-1024-0003

Schema Version: rev 20220101

Report Generated: 2024-10-14 08:38:37

Outdoor Lighting Mandatory Measures:

110.9 OUTDOOR LIGHTING CONTROLS AND COMPONENTS

ALL LIGHTING CONTROL DEVICES AND SYSTEMS, AND ALL LIGHT SOURCES SHALL MEET THE APPLICABLE REQUIREMENTS OF 110.9.

130.0 GENERAL LUMINAIRE REQUIREMENTS

ALL LUMINAIRES SHALL BE FACTORY-LABELLED PER 130.0(c).

ENERGY MANAGEMENT CONTROL SYSTEMS (EMCS) SHALL MEET REQUIREMENTS OF 130.0(e).

130.2(c) CONTROLS FOR OUTDOOR LIGHTING

ALL OUTDOOR LIGHTING SHALL BE INDEPENDENTLY CONTROLLED FROM OTHER ELECTRICAL LOADS AND SHALL HAVE THE FOLLOWING FEATURES:

1. AUTOMATICALLY TURNS OFF OUTDOOR LIGHTING WHEN DAYLIGHT IS AVAILABLE

2. AUTOMATIC SCHEDULING CONTROLS

A. AUTOMATIC SCHEDULING CONTROLS SHALL BE INSTALLED FOR ALL OUTDOOR LIGHTING.

B. CAPABLE OF REDUCING LIGHTING POWER AT LEAST 50% AND NO MORE THAN 90% AND SEPARATELY CAPABLE OF TURNING LIGHTING OFF DURING UNOCCUPIED PERIODS

C. THAT ALLOW SCHEDULING OF AT LEAST TWO NIGHTTIME PERIODS WITH INDEPENDENT LIGHTING LEVELS (MAY INCLUDE OVERRIDE FOR NO MORE THAN 2 HOURS)



GATES
+ASSOCIATES
LANDSCAPE ARCHITECTURE
LAND PLANNING - URBAN DESIGN
1655 N. MAIN ST. STE 365, WALNUT CREEK, CA 94596
T 925.736.8176 www.dgates.com

C-63 PARK

GRASSCREEK DR AND
LEMONADE LANE
ROSEVILLE
CA

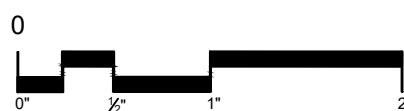
atium
ENGINEERING
ELECTRICAL
ENGINEERS
3533 York Lane
San Ramon, CA 94582
tel: 913.961.1658
email: info@atiumeng.com

ISSUE: DESCRIPTION: DATE:

NOT FOR
CONSTRUCTION



PROJECT NUMBER:
DRAWN:
CHECK:
DATE:
SCALE:



TITLE 24
EXTERIOR
LIGHTING

E900



Project Manual for the Lower Bank Park Project

March 2025

The latest edition of the City of Roseville Parks Construction Standards are incorporated by reference as a part of this Project Manual. The Parks Construction Standards can be purchased at the address listed below.

Parks, Recreation & Libraries
316 Vernon Street, Suite 400
Roseville, California 95678
www.roseville.ca.us



Notice to Bidders

DATE: March 20, 2025

TO: Prospective Bidders

FROM: Joel De Jong, Park Development Project Manager

RE: Lower Bank Park Project

Project Description: The City of Roseville is now accepting bid proposals for the Lower Bank Park Project from **pre-qualified** Prime Contractors. The scope of work for the base bid includes, but is not limited to, grading and utilities, a playground, half-court basketball court, picnic area, walking paths, turf area, planting and irrigation. Additive alternates include a shade structure at the picnic area, a larger playground option, a swing set, a zipline, additional turf and irrigation, and additional planting and irrigation.

Prime Contractors: At this time, this project is only available for bidding by Prime Contractors listed on the City of Roseville Parks, Recreation and Libraries 2025 Pre-Qualified Contractor List. Please see attached Pre-Qualified Prime Contractors memo for more information.

Subcontractors: The City reserves the right to conduct a post-bid qualifications review of any subcontractors if deemed necessary.

Contract Documents: A Project Manual, including all Contract Documents and the Proposal forms for bidding this project, may be obtained online from the City of Roseville's website at www.roseville.ca.us/business/procurement_services/bids_rfps. Potential bidders are advised to obtain all documents and specifications related to this project directly from the City of Roseville / Public Purchase. The City of Roseville does not guarantee the accuracy of any forms, plans, or project manuals obtained through outside sources other than the City of Roseville. Furthermore, the City does not guarantee the distribution of any addendums or the accuracy of their content if obtained from a third party.

Engineer's Estimate: The engineer's estimate for construction of the base bid items is \$880,000.

Questions: The deadline for submission of questions and clarifications regarding the Contract Documents is Friday, April 4, 2025 at 5:00 p.m. In order to meet the required timeline to issue addenda, questions will not be accepted after this date. Only Addenda issued by the City are binding. All questions shall be directed to the attention of Joel De Jong either via e-mail at jdejong@roseville.ca.us, or Public Purchase at <https://roseville.ca.us/rfp>.

Pre-Bid Conference: There is NO pre-bid conference for this project.

Bid Deadline: Proposals will be received at the Office of the City Clerk, 311 Vernon Street, Roseville, California, until 3:00 p.m. on Monday, April 14, 2025. The proposals will be publicly opened and read by the City Clerk or designee of the City of Roseville in the City Clerk's Office at 3:05 p.m. on that same day.

The July 2023 edition of the City of Roseville Parks Construction Standards will be applicable to this project. The successful bidder will be required to use the standards contained in the book for the construction of this project.



Parks, Recreation & Libraries
Park Development
316 Vernon Street, Suite 400
Roseville CA 95678

To the successful bidder:

In order to move forward with the award of this project, the City of Roseville requests that you submit the following documents:

1. Please return two, original signed agreements OR a PDF of original signatures if unable to get originals. Corporations require two corporate signatures –OR– one corporate signature and a corporate seal. For a listing of accepted signatures, please see below *.

* In accordance with Section 313 of the California Corporations Code, any document executed by a corporation requires the signature from at least one person from EACH of the following two groups:

GROUP ONE

Chairman of the Board
President
Vice President

GROUP TWO

Secretary
Assistant Secretary
Chief Financial Officer
Assistant Treasurer

If an officer holds a title in each of the above groups (dual title), that officer may sign for each of the two groups by two separate signatures with the appropriate title listed with his or her signature.

There are also two exceptions whereby we would accept only one signature:

- One corporate signature AND a corporate seal
- OR-
- They are able to provide a current resolution from their Board of Directors, stating that a particular person has the sole authority to bind the corporation.

2. Public Works Faithful Performance Bond – fully executed and notarized.
3. Public Works Labor and Materials Payment Bond – fully executed and notarized.
4. Insurance - fully executed and notarized.

We request that all documents be received by April 18, 2025.

The Parks, Recreation & Libraries Department requires submittal of all of the above executed documents prior to City Council bid award.

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Supplemental Conditions	SC
Specifications	SPEC
Drawings	DRAW
Assembly Bill No. 626	AB 626

CITY OF ROSEVILLE

DEPARTMENT OF Parks, Recreation & Libraries

Name of Project: Lower Bank Park Project

NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN THAT sealed Proposals will be received at the Office of the City Clerk, 311 Vernon Street, Roseville, California, until April 14, 2025 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 April 14, 2025 at the Office of the City Clerk located at 311 Vernon Street, Roseville California for the following project:

Lower Bank Park Project

A pre-bid meeting will be held at N/A- No Pre-bid

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. 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, 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 A or C-27 General Engineering or Landscape 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 5 “Legal Relations and Responsibility” of the General Conditions.

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.

Vehicles with a GVWR greater than 8,500 lbs. and light – duty package delivery vehicles operated in California may be subject to the California Air Resources Board Advanced Clean Fleets regulations. Such vehicles may therefore be subject to requirements to reduce emissions and air pollutants. For more information, please visit the CARB Advanced Clean Fleets

webpage at <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>. In addition, certain off-road diesel vehicles may be subject to the CARB In-Use Off-Road Diesel-Fueled Fleets Regulation. For more information, please visit the CARB In-Use Off-Road Diesel-Fueled Fleets Regulation webpage at <https://ww2.arb.ca.gov/our-work/programs/use-road-diesel-fueled-fleets-regulation>.

All questions prior to the deadline for bid submissions shall be directed to the attention of Joel De Jong via Public Purchase at www.publicpurchase.com. The deadline for submissions of questions and clarifications regarding the Contract Documents is 10 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 the General Conditions 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 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 General Conditions, 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 General Conditions, 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.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

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 General Conditions, 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 General Conditions. 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.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

PROPOSAL TO THE DEPARTMENT OF Parks, Recreation & Libraries

Project: Lower Bank Park Project (C-63)

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: _____

City of Roseville Business License No. _____

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, Specifications, General Conditions, 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.]

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

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/ TYPE OF WORK	% OF CONTRACT	SUB- CONTRACTOR'S NAME	CONTRACTOR LICENSE NO.	DIR REG NO.	BUSINESS ADDRESS (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.

(Signature of Bidder)

Business Address

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

(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 Lower Bank Park Project

Contractor _____

SCHEDULE OF BID ITEMS

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SCHEDULE OF BID ITEMS

LOWER BANK PARK

The bidder, in compliance with the published Notice to Contractors, having examined the Plans and Specifications, any and all addenda, any related documents, and all of the sites of the proposed work, and being familiar with all the conditions surrounding the construction of the proposed project, including the availability of material, hereby proposes to furnish all labor, materials, and supplies, and to construct the project in accordance with the Contract Documents, within the time period set forth therein, and at the prices stated. This is a lump sum bid project. These prices are to include all labor, materials, supplies, and all other expenditures incidental to complete compliance to the Contract Documents.

The work to be included in the Contract shall be determined by the City prior to award of Contract. **The amount of the bid for comparison and award purposes shall be the total amount set forth in the “Grand Total Bid Price”.** The City reserves the right to award none, all or selected add alternates as the budget permits.

BASE BID:

Base bid includes all work as shown on the plans, project manual, and addenda to construct the **Lower Bank Park** project.

Numerical **Base Bid**: \$ _____

Written **Base Bid**: _____ dollars and _____

ADD ALTERNATES:

Add Alternate #1 – Shade Sail at Picnic Area

Numerical **Additive Alternative #1 Bid**: \$ _____

Written **Additive Alternative #1 Bid**: _____ dollars and _____

Add Alternate #2 – Large Play Structure Option

Numerical **Additive Alternative #2 Bid**: \$ _____

Written **Additive Alternative #2 Bid**: _____ dollars and _____

Add Alternate #3 – Swings and containment area

Numerical **Additive Alternative #3 Bid**: \$ _____

Written **Additive Alternative #3 Bid**: _____ dollars and _____

Add Alternate #4 – Zipline and containment area (predicated on award of AA#3)

Numerical **Additive Alternative #4 Bid**: \$ _____

Written **Additive Alternative #4 Bid**: _____ dollars and _____

Add Alternate #5 – Turf and Irrigation at Basketball Court

Numerical **Additive Alternative #5** Bid: \$ _____

Written **Additive Alternative #5** Bid: _____ dollars and _____

Add Alternate #6 – Turf Expansion and Irrigation + Concrete Path

Numerical **Additive Alternative #5** Bid: \$ _____

Written **Additive Alternative #5** Bid: _____ dollars and _____

Add Alternate #7 – Additional Infill Planting and Irrigation

Numerical **Additive Alternative #5** Bid: \$ _____

Written **Additive Alternative #5** Bid: _____ dollars and _____

SWPPP ALLOWANCE:

\$15,000

Include Fifteen-thousand-dollar SWPPP Allowance in Grand Total Bid Price.

GRAND TOTAL BID PRICE:

Lump Sum Base Bid plus Add Alternates #1 through #7 and SWPPP Allowance

Numerical **Grand Total Bid Price:** \$ _____

Written **Grand Total Bid Price:** _____ dollars and _____

The additions/deletions sheets (PROP – 13C through PROP – 13F) are required to be completed in their entirety. The additions/deletions sheets will not be considered for bid award but may be used for contract change orders.

Contractor Name (print or type): _____

Signature (by authorized representative): _____

Date: _____

License No.: _____

Class: _____

LOWER BANK PARK PROJECT

For Additions and Deletions Only

Contractor shall provide itemized costs as shown below for use during construction for additions or deletions only. Unit costs to be listed are based on the project plans, specifications, Parks Construction Standards and the Design & Construction Standards, unless otherwise noted. Items listed are not necessarily shown on the plans or identified in the Technical Specifications.

Item	Description	Unit	Unit Cost
1	EC-2 Preservation of Existing Vegetation	sf	
2	EC-3 Hydraulic Mulch	sf	
3	EC-4 Hydroseeding	sf	
4	EC-6 Straw Mulch	sf	
5	EC-7 Geotextiles and Mats	sf	
6	EC-8 Wood Mulching	sf	
7	EC-10 Velocity dissipation device	ea	
8	EC-11 Slope Drains	ea	
9	EC-14 Compost Blanket	sf	
10	EC-16 Non-Vegetative Stabilization	sf	
11	SE-1 Silt Fence	lf	
12	SE-5 Fiber Rolls	lf	
13	SE-6 Gravel Bag Berm	ea	
14	SE-7 Street Sweeping and Vacuuming	ea	
15	SE-8 Sandbag Barrier	lf	
16	SE-9 Straw Bale Barrier	lf	
17	SE-10 Storm Drain Inlet Protection	ea	
18	TC-1 Stabilized construction entrance/exit	ea	
19	TC-3 Entrance/outlet tire wash	ea	
20	Clearing and Grubbing	sf	
21	Site Security Fencing	lf	
22	Rough Grading (Earthwork)	cy	

Items 1 through 19 are to be consistent with requirements detailed in California Stormwater Quality Association Stormwater Best Management Practice Handbook, latest edition.

JOHN BYOUK PARK PROJECT

For Additions and Deletions Only (continued)

Item	Description	Unit	Unit Cost
23	Finish grading (earthwork)	sf	
24	3/4" Schedule 80 PVC Pipe	lf	
25	12" Storm drain, PVC, SDR-35	lf	
26	10" Storm drain, PVC, SDR-35	lf	
27	8" Storm drain, PVC, SDR-35	lf	
28	6" Storm drain, PVC, SDR-35	lf	
29	4" Storm drain, PVC, SDR-35	lf	
30	4" Sanitary Sewer, SDR-26	lf	
31	4" Sanitary Sewer, VCP	lf	
32	6" Sanitary Sewer, VCP	lf	
33	2" Domestic Water Service, meter, backflow	ls	
34	2" Recycled Water Service, Meter	ea	
35	Sanitary Sewer Cleanout	ea	
36	Sanitary Sewer Man Hole	ea	
37	Storm Drain Man Hole	ea	
38	6" Storm Drain Area Drain	ea	
39	12"x12" Storm Drain Catch Basin	ea	
40	18"x18" Storm Drain Catch Basin	ea	
41	24"x24" Storm Drain Drop Inlet	ea	
42	Storm Drain Connection to Existing SD Stub	ea	
43	Electrical POC	ls	
44	Concrete Paving - ROW (per DS Standard)	sf	
45	Concrete Paving (per Parks detail PK-31)	sf	
46	Asphalt Paving- Vehicular	sf	
47	Asphalt Paving- Pedestrian	sf	
48	Concrete Vertical Curb	lf	
49	Concrete Curb & Gutter	lf	

JOHN BYOUK PARK PROJECT

For Additions and Deletions Only (continued)

Item	Description	Unit	Unit Cost
50	Concrete Valley Gutter	lf	
51	Concrete Mow Curb (12")	lf	
52	Stabilized Decomposed Granite Paving	sf	
53	Drinking Fountain with Bottle Filler	ea	
54	Picnic Table	ea	
55	Picnic Table, Accessible	ea	
56	Park Bench with Back	ea	
57	Player Bench with Back	ea	
58	Park Identification Sign	ea	
59	16' Pole Light LED	ea	
60	Trash Receptacle	ea	
61	Play Area Curb (PK-36)	lf	
62	Play Equipment	ls	
63	Engineered Wood Fiber (12" depth)	cy	
64	Drain rock (3" depth)	cy	
65	Play Area Access Ramp	ea	
66	Playground Rules Sign	ea	
67	Softball Backstop w/ Dugout Fences	ls	
68	Irrigation Booster Pump	ls	
69	Irrigation Controller with Enclosure	ea	
70	2" Recycled Water Filter (Amiad)	ls	
71	Flow meter and Master Valve	ls	
72	Irrigation Mainline 3"	lf	
73	Irrigation Control Wire (#12,#14 AWG-UF)	lf	
74	Irrigation Mainline Fittings	ea	
75	Irrigation Mainline Restraints	ea	
76	6" Sleeve (Sch 40)	lf	

JOHN BYOUK PARK PROJECT

For Additions and Deletions Only (continued)

Item	Description	Unit	Unit Cost
77	Irrigation Lateral Lines PVC	lf	
78	Irrigation Remote Control Valve 2"	ea	
79	Irrigation Remote Control Valve 1.5"	ea	
80	Irrigation Remote Control Valve 1"	ea	
81	Quick Coupling Valve 1"	ea	
82	R-VAN Rotary Assembly incl. Swing Joint	ea	
83	Tree Bubbler	ea	
84	Soil Amendments	sf	
85	Hydroseeded Turf	sf	
86	Sodded Turf	sf	
87	Install Trees (15 Gal.)	ea	
88	Install Trees (24" Box)	ea	
89	Install Shrubs (5 Gallon)	ea	
90	Install Shrubs/Grasses (1 Gallon)	ea	
91	Install Groundcover Roses (2 Gallon)	ea	
92	Bark Mulch (3")	cy	
93	Landscape Maintenance (per 30 Day)	ea	
94	Redwood Header Board	lf	

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.

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: _____

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

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.

Print Name

Signature

Name of Business/Company/Corporation

Date

Address

Phone

END OF PROPOSAL

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

PROP - 15

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 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 _____

_____ 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 general conditions, supplemental conditions, 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 OMISSION PERTAINING TO STRUCTURAL 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 _____, a
municipal corporation _____

BY: _____
DOMINICK CASEY
City Manager

ATTEST:

BY: _____
its: _____

and

BY: _____
its: _____

BY: _____
CARMEN AVALOS
City Clerk

APPROVED AS TO FORM:

BY: _____
MICHELLE SHEIDENBERGER
City Attorney

APPROVED AS TO SUBSTANCE:

BY: _____

Print Name: _____

Title: _____

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

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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FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

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 the Supplemental Conditions for modifications of the General Conditions, 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
- b. By fax to (770) 335-5727

After using one of these methods, please **DO NOT** also send the insurance certificate(s) by mail.

- c. Or mail the documents to

City of Roseville
Insurance Compliance
P.O. Box 100085-R1
Duluth, GA 30096

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.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

INSURANCE REQUIREMENTS

The following sections are quoted from the General Conditions:

5-1.23 **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. X POLLUTION COVERAGE IS NOT REQUIRED ON THIS PROJECT

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.

5-1.24 **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.

Bond No. _____
Premium \$ _____

**PUBLIC WORKS
FAITHFUL PERFORMANCE BOND**

(Project: _____)

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

Bond No. _____
Premium \$ _____

**PUBLIC WORKS
LABOR AND MATERIALS PAYMENT BOND**

(Project: _____)

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

GENERAL CONDITIONS

FOR

BUILDINGS AND GROUNDS

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

GC

**CITY OF ROSEVILLE
GENERAL CONDITIONS
FOR
BUILDINGS AND GROUNDS**

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FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 1

DEFINITIONS AND TERMS

1-1.01 **GENERAL.** When the following abbreviations and terms or pronouns in place of them appear in the Contract Documents, the intent and meaning shall be interpreted as provided in this Section 1.

1-1.02 **ACCEPTANCE.** Formal Acceptance by resolution by the Roseville City Council of the Contract when completed in all respects in accordance with the Contract Documents and any modifications previously approved.

1-1.03 **ADDENDUM.** Written interpretation or revision to any of the Contract Documents issued by the City before the bid opening.

1-1.04 **AS-BUILT DOCUMENTS, AS-BUILT DRAWINGS AND RECORD DOCUMENTS.** As-Built Documents, As-Built Drawings and Record Documents are all contract documents modified to reflect changes during the construction phase. Specifically, As-Built Documents/Drawings are a revised set of drawings submitted by the Contractor upon Final Completion of a project. They reflect changes made in the Specifications and Working Drawings during the construction process, and show the exact dimensions, geometry, and location of all elements of the work completed under the Contract. Record Documents, on the other hand, are compiled by the Engineer or Architect based on the As-Built Documents/Drawings submitted by the Contractor. They reflect the Engineer or Architect's concurring review of what changes were denoted, why they were made and where they occurred and create a record set of drawings.

1-1.05 **ASSESSMENT.** A cost imposed on the Contractor for non-compliance

with certain contractual requirements.

1-1.06 **BENEFICIAL OCCUPANCY.** The taking possession of a portion of the Work by the City for its use and/or occupancy on other than a temporary or emergency basis.

1-1.07 **BID GUARANTY.** The cashier's, certified check, irrevocable standby letter of credit, deposit of securities, or Bidder's Bond, accompanying the bid submitted by the Bidder, as a guaranty that the Bidder will enter into an agreement with the City for the performance of the Work, if the Agreement is awarded to Bidder, and the Bidder will submit the required Contract Bonds and Certificate of Insurance. Also referred to as the Bidder's Security.

1-1.08 **BIDDER.** Individual, firm, partnership, limited liability company, corporation, joint venture, or any combination thereof, submitting a Proposal for the Work, acting directly, or through a duly authorized representative.

1-1.09 **BIDDING DOCUMENTS.** Includes the Notice to Bidders, Bidding Requirements, Contract Conditions, Drawings, and Addenda.

1-1.10 **CHANGE ORDER.** Any written order to the Contractor directing an addition, deletion, or modification of the Work, or an adjustment in the Contract Price or Contract Time provided in the Contract Documents and issued after the Agreement has been signed.

1-1.11 **CITY.** The City of Roseville.

1-1.12 **CITY ATTORNEY.** The City Attorney of the City.

1-1.13 **CITY CLERK.** The City Clerk of the City.

1-1.14 **CLAIM.** A separate demand by 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 for damages or penalties for delay assessed by

the City; (b) payment by the City of money or damages arising from work done by, or on behalf of, Contractor pursuant to the Contract Documents and payment for which is not otherwise expressly provided or to which Contractor is not otherwise entitled; and (c) payment of an amount that is disputed by the City.

1-1.15 **CONSTRUCTION SCHEDULE.** A list or graphic display of construction activities required for completing the Work, in a format required by the Contract Documents. The duration, start and finish date, and sequence of significant activities, critical path, float and milestones must be indicated in the Construction Schedule.

1-1.16 **CONTRACT OR AGREEMENT.** The written agreement relating to the Work to be performed, the labor, materials, and equipment to be furnished, and the payment to be made therefor. The Agreement/Contract is part of and incorporates all of the Contract Documents.

1-1.17 **CONTRACT CONDITIONS.** Includes the General Conditions, Supplemental Conditions, and Specifications.

1-1.18 **CONTRACT DOCUMENTS.** Includes those documents that form the basis of the Contract, including but not limited to, Bidding Documents, the Bid or Proposal, Contract Bonds, the Contract, all required insurance certificates or endorsements, all bonds, all required certifications or statements, Change Orders, any Contract Amendment, any City Standard which is incorporated by reference and these City of Roseville General Conditions for Buildings and Grounds.

1-1.19 **CONTRACT DRAWINGS.** The official drawings including plans, elevations, sections, detail drawings, diagrams, plated, General Notes, information and schedules thereon, or exact reproductions thereof, showing the location, character, dimension, and details

of the Work. The Contract Drawings include any drawings or plates bound within the Supplemental Conditions.

1-1.20 **CONTRACT PRICE.** The total compensation to be paid to the Contractor in accordance with the terms of the Agreement.

1-1.21 **CONTRACT TIME.** The number of Days, or portion thereof, allowed for completion of the Work, including all authorized time extensions. The effective date for commencement of the Work specified in the Notice to Proceed shall define the beginning of the Contract Time.

1-1.22 **CONTRACTOR.** Individual, firm, partnership, limited liability company, corporation, joint venture, or any combination thereof, who has entered into the Agreement with City.

1-1.23 **DAY OR DAYS.** Unless otherwise designated, Day or Days as used in the Contract Documents will be understood to mean calendar Day or Days.

1-1.24 **DEPARTMENT.** The Department for Contract Administration, as identified in the Supplemental Conditions.

1-1.25 **DIRECT COSTS.** Those cost items (including labor, materials, equipment and any subcontractor's work) that are used in the actual performance of, and are specifically and uniquely attributable to the Work or changed Work. Direct Costs do not include Overhead. Direct Costs only include the following:

A. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by City and Contractor. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include salaries and

wages plus the cost of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workers' compensation, health and retirement benefits, sick leave, vacation and holiday pay applicable thereto. Such employees may include superintendents and foremen at the site. The expenses of performing work after regular working hours, on Saturday, Sunday or legal holidays shall be included in the above only to the extent authorized by City in writing.

B. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and suppliers' field services required in connection therewith. All trade discounts, rebates and refunds and all returns from sale of surplus materials and equipment shall accrue to City, and Contractor shall make provisions so that they may be obtained.

C. Payments made by Contractor to the subcontractors for work performed by subcontractors. If required by City, Contractor shall obtain competitive bids from subcontractors acceptable to Contractor and shall deliver such bids to City who will then determine which bids will be accepted. If a subcontract provides that the subcontractor is to be paid on the basis of cost of the work plus a fee, the subcontractor's cost of the work shall be determined in the same manner as Contractor's cost of the work. All subcontracts shall be subject to the other provisions of the Contract Documents insofar as applicable.

D. Costs of special consultants (including engineers, architects, testing laboratories, surveyors, and accountants) employed for services specifically, and only, related to the Work.

E. Supplemental costs including the following:

1. The proportion of necessary transportation, travel and subsistence

expenses of Contractor's employees incurred in discharge of duties connected with the Work.

2. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office and temporary facilities at the site and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value of such items used but not consumed which remain the property of Contractor.

3. Rentals of all construction equipment and machinery and the parts thereof whether rented from Contractor or others in accordance with rental agreements approved by City, and the costs of transportation, loading, unloading, installation, dismantling and removal thereof, all in accordance with terms of said rental agreements. The rental of any such equipment, machinery or parts shall cease when the use thereof is no longer necessary for the Work.

4. Sales, consumer, use or similar taxes related to the Work, and for which Contractor is liable, imposed by laws and regulations.

5. The cost of utilities (including the meter and all associated installation costs), fuel and sanitary facilities at the site.

6. Cost of premiums for additional bonds and insurance required because of changes in the Work.

1-1-26 **DIRECTOR.** Director of the Department for Contract Administration or his or her designee.

1-1.27 **EMERGENCY.** Any sudden generally unforeseen occurrence (such as a fire, flood, storm, earthquake, civil disorder, or other natural and/or man-made disaster) that has the potential to adversely affect the safety of life, the Work, and/or adjacent property; to interrupt contracts essential to the performance of the Work; and/or to cause catastrophic failure of City

equipment and/or facilities.

1-1.28 **ENGINEER OR ARCHITECT.** Professional Engineer or Architect designated for a particular project responsible for signing and sealing the permit drawings, interpretation of the drawings where ambiguities exist, review of requests for information, design Change requests and Shop Drawings, resolution of errors and omissions, and finalization of Record Documents.

1-1.29 **FINAL COMPLETION.** When the project has been completed according to the terms and conditions set forth in the Contract Documents. Final Completion is not the same as Acceptance.

1-1.30 **FORCE ACCOUNT.** Payment by force account shall mean payment on the basis of the Contractor's time and materials.

1-1.31 **GENERAL NOTES.** The written instructions, provisions, conditions or other requirements appearing on the Contract Drawings and so identified thereon, which pertain to the performance of the Work.

1-1.32 **INSTALLATION, INSTALL.** Completely assembling, erecting, and/or connecting materials, parts, components, supplies, and related equipment specified or required for the completion of the Work.

1-1.33 **LABORATORY.** Established professional laboratories authorized by the City to test materials and Work involved in the Contract.

1-1.34 **LEGAL HOLIDAYS.** Those days designated as Federal holidays or declared by the City, or otherwise specified in the Contract Documents.

1-1.35 **LIQUIDATED DAMAGES.** The amount prescribed in the Contract Documents to be paid to the City or to be deducted from any payments due or to become due the

Contractor for each day's delay in completing the whole or any specified portion of the Work beyond the time allowed in the Supplemental Conditions.

1-1.36 **NOTICE OF COMPLETION.** A legal notice filed by the City with the Placer County Recorder's Office stating that construction has been completed and accepted by the City.

1-1.37 **NOTICE TO PROCEED.** A written notice given by the City to the Contractor fixing the date on which the Contract Time will commence to run.

1-1.38 **NOTICE OF TERMINATION.** Written notice from the City to the Contractor and/or its Surety terminating the Agreement, or a portion thereof, either for convenience of the City or for default due to the Contractor's failure to perform its contractual obligations.

1-1.39 **OVERHEAD.** Business or administrative expenses (including but not limited to office expenses, administrative staff, rent, insurance, utilities) not chargeable to a particular part of the Work. The term "Overhead" shall include all of the following:

A. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor whether at the Work Site or in Contractor's principal or a branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications, all of which are to be considered administrative costs covered by the Contractor's fee.

B. Expenses of Contractor's principal and branch offices other than Contractor's office at the site.

C. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.

D. Cost of premiums for all bonds and for all insurance whether or not Contractor is required by the Contract Documents to purchase and maintain the same, except as provided in section 1-1.25.

E. Other overhead or general expense costs of any kind.

1-1.40 **PREMISES.** Shall mean the area within construction easements, easements, rights of entry and City owned property which surrounds the Work Site, limited by the property lines thereof. In some cases Premises may coincide with the Work Site.

1-1.41 **PROFESSIONAL ENGINEER.** An engineer licensed by the Board of Registration for Professional Engineers, State of California.

1-1.42 **PROJECT MANUAL.** A book containing all Contract Documents.

1-1.43 **PROPOSAL FORMS.** The approved forms upon which the City requires that each Bidder submit its bid with regard to the Agreement.

1-1.44 **REQUEST FOR INFORMATION (RFI).** A document issued by the Contractor requesting information concerning the Contract Documents.

1-1.45 **SAFETY.** Includes the practice of identifying potential hazards, assessing their risk, taking corrective action where possible, including and providing control measures such as engineering design, written procedures, and the personal protective equipment for workers in order to eliminate or reduce the risk for exposure in the workplace.

1-1.46 **SCHEDULE OF VALUES.** The breakdown of the Contract Price that will serve as the basis for Contractor's Applications of Payment. Any lump sum bid item

included within the Contract Price will be apportioned among values relating to specific components of the Work covered by said lump sum.

1-1.47 **SHOP DRAWINGS.** Drawings, plans, diagrams, schedules, and other data specifically prepared and submitted to the City by the Contractor, showing in detail: (a) the proposed fabrication and assembly of a special component of the Work; and (b) the Installation (form, fit and attachment details) of a special component of the Work. Shop Drawings shall be deemed to include Working Drawings, Product Data, literature, and applicable performance and test data.

1-1.48 **SPECIFICATIONS.** The technical Specifications for the Work prepared by the Director or an Engineer or Architect describing in detail the nature of the Work, its components, any performance standards, and how the Work is to be constructed.

1-1.49 **SUBCONTRACTOR.** Any individual, firm, partnership, limited liability company, corporation, joint venture, or combination thereof, other than employees of the Contractor, engaged by the Contractor to furnish services, labor, equipment and materials for a portion of the Work.

1-1.50 **SUBMITTALS.** Those documents required to be submitted by the Contractor for review by the City in accordance with the Contract Documents.

1-1.51 **SUPPLEMENTAL CONDITIONS.** The Supplemental Conditions are specific clauses modifying or supplementing these General Conditions.

1-1.52 **SUPPLIER.** Any individual, firm, partnership, limited liability company, corporation, joint venture, or combination thereof, other than employees of the Contractor, that supplies a tangible product as a portion of the Work, with services usually limited to delivery and/or required testing, and with manufacturing, fabrication, or production facilities located off

the Work Site.

1-1.53 **WORK.** The furnishing of all labor, and the furnishing and Installing of all materials, articles, supplies and equipment as specified, designated, or required by the Contract Documents.

1-1.54 **WORK SITE.** All or portion of the Premises that the Work is limited to as shown on the Contract Drawings or designated by the Director. Public streets are not included unless Work is being done within the street right-of-way.

1-1.55 **WORKING DRAWINGS.** Original drawings prepared by the Contractor and/or its Subcontractors or Suppliers, of any tier, illustrating Work required for construction that will not become an integral part of the completed Work. This includes, but is not limited to, drawings for temporary structures such as decking, bulkheads, excavation supports, utility support, groundwater control, forming, falsework, access roads, staging areas, staging plans, and diversion plans. A Working Drawing is one type of a Shop Drawing.

SECTION 2

CONTROL AND SCOPE OF THE WORK

2-1.01 **AUTHORITY OF DIRECTOR.** The Contract shall be performed in a manner satisfactory to the Director who shall decide all questions which may arise as to the quality or acceptability of materials furnished and Work performed and as to the manner of performance and rate of progress of the Work; all questions which may arise as to the interpretation of the Contract Documents; all questions as to the acceptable fulfillment of the Contract on the part of the Contractor; and all questions as to compensation. The Director shall have authority to enforce and make effective such decisions and orders in the event the Contractor fails to promptly carry out the same.

2-1.02 **INTENT OF CONTRACT DOCUMENTS.** The Contract Documents are complementary, and what is called for by one shall be as binding as if called for by all. The intent of the Contract Documents is to describe the details for the construction and completion of the Work. Where the Contract Documents describe portions of the Work in general terms, but not in complete detail, it is understood that only the best general practice shall be followed and that only materials and workmanship of the best quality are to be used. Any Work, materials, or equipment that are customarily provided, or that are reasonably inferable from the Contract Documents as being required to produce the intended result, shall be supplied, whether or not specifically called for. When words, which have a well-known technical or trade meaning are used to describe work, materials, or equipment, such words shall be interpreted in accordance with that meaning. Unless otherwise specified, the Contractor shall furnish all labor, materials, tools, equipment, and incidentals, and do all the Work involved in executing the Contract in a

satisfactory and workmanlike manner.

Reference to standard specifications, manuals or codes of any technical society, organization or association, or to the laws or regulations of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code, laws, or regulations in effect on the first published date of the Notice to Contractors, except as may be otherwise specifically stated. However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract Documents) shall be effective to change the duties and responsibilities of City or Contractor, or any of their consultants, agents, or employees from those set forth in the Contract Documents, nor shall it be effective to assign to City, or City's designated representative, any duty or authority to supervise or direct the furnishing or performance of the Work or any duty or authority to undertake responsibility contrary to other provisions of the Contract Documents.

The Contract Documents are divided into parts, divisions, sections and articles for convenience, organization and reference. Generally, there has been no attempt to divide the Specifications sections into work performed by the various building trades, work by separate Subcontractors, or work required for separate facilities in the project.

2-1.03 **EXAMINATION AND VERIFICATION OF CONTRACT**

DOCUMENTS. The Contractor shall thoroughly examine and become familiar with all of the various parts of the Contract Documents and shall determine the nature and location of the Work, the general and local conditions (including applicable laws) and all other matters which can in any way affect the cost, progress or performance of the Work under this Agreement. Failure to make an examination necessary for this determination shall not release the Contractor from the obligations of the Agreement. No oral agreement or conversation with any officer, or employee

of the City, or with the City's designated representative either before or after the execution of the Agreement, shall affect or modify any of the terms or obligations contained in the Contract Documents.

2-1.04 **CONTRACT DRAWINGS.** The Contract Drawings consist of general drawings and show such plans, elevations, sections, details and schedules as are necessary to give a graphic and pictorial description of the contemplated construction. All authorized alterations affecting the requirements and information given on the Contract Drawings shall be in writing.

2-1.05 **COORDINATION AND INTERPRETATION OF CONTRACT DOCUMENTS.** All Contract Documents are essential parts of the Contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complementary, and to describe and provide for a complete Work.

In the event of inconsistencies between requirements contained in different components of the Contract Documents, the precedence of the Contract Documents shall be as follows to resolve conflicts:

1. Change Orders
2. The Contract (including Addenda)
3. The Supplemental Conditions
4. Specifications
5. Contract Drawings
6. The General Conditions

Should it appear that the Work to be done or any of the matters relative thereto are not sufficiently detailed or explained in the Contract Documents, the Contractor shall submit a

Request for Information (“RFI”) to the Director for such further explanations as may be necessary and shall conform to the written explanation given as if part of the Contract Documents. The decisions of the Director shall be final.

Contractor shall anticipate that it will be necessary to prepare and submit RFIs regarding the Contract Documents. The City will respond to each RFI by no later than fourteen (14) Days after receipt of the RFI, unless the RFI is of significant complexity. Furthermore, in the event that there are numerous RFIs pending, Contractor shall cooperate with the City in establishing a priority for responding to the RFIs, and potentially some RFIs may be responded to beyond the fourteen (14) Day period.

Each RFI prepared by Contractor shall be full and complete. Contractor shall prepare RFIs so as to not cause any delay to the progress of the Work and to not cause any impact to Contractor’s labor productivity in the field. Contractor shall not assert any Claims for delay or interference against the City if Contractor fails to timely submit any RFI to the City, after consideration of the response period allowed for by the City.

The response to an RFI shall not, by itself, constitute a writing that authorizes Contractor to perform any Work that causes an adjustment to either the Contract Price or the Contract Time. If Contractor believes that any response to any RFI should constitute a compensable change, Contractor shall provide a Notice of Potential Claim as provided in Section 7-1.03, below. Contractor’s failure to provide the required written notice shall constitute a waiver of the Contractor’s right to seek a compensable change based on the RFI response.

The Contractor shall examine all Contract Documents; shall verify all figures in the Contract Documents before laying out the Work; shall promptly notify the City of all errors, inconsistencies, and/or omissions that it discovers; and, in instances where such non-

conformities are discovered, shall obtain specific instructions in writing from the City before proceeding with the Work. Contractor's performance of any Work affected by such non-conformities prior to the City's decision shall be at the Contractor's risk. Any Work that is customarily provided or that is reasonably inferable shall not relieve the Contractor from performing such work at no additional expense and/or delay, and such Work shall be performed as if fully set forth in the Contract Documents.

2-1.06 **INDEPENDENT CONTRACTOR STATUS.** The Contractor shall independently perform all Work required by the Contract Documents and shall not be considered as an agent or employee of the City, nor shall the Contractor's Subcontractors or employees be considered as subagents of the City.

The Contractor and Contractor's Subcontractors shall be licensed in accordance with the laws of the State of California and as more particularly described in the bidding documents or elsewhere in the Contract Documents.

2-1.07 **ORDER OF WORK.** When required by the Contract Documents, the Contractor shall follow the sequence of operations set forth therein. Full compensation for conforming to such 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.

2-1.08 **SUBMITTALS.** It shall be the Contractor's responsibility to timely submit, so as to cause no delay in the Work, all Shop Drawings, descriptive data, manuals, instructions, affidavits, samples for the various trades as required by the Supplemental Conditions and Specifications, and offers of alternatives, if any. Such Submittals shall be checked and coordinated by the Contractor with the Work of other trades involved before they are submitted to the Director for examination.

The Contractor shall deliver at least one (1) electronic copy of the Submittals to the Director, and one (1) hard copy if requested. Work requiring the submittal of working drawings, descriptive data or samples shall not begin prior to approval of said Submittal by the Director.

The time allowed for review of each Submittal will be as indicated in the Supplemental Conditions. Review time will start upon receipt of the Submittal by the Director and will end upon the Director's mailing of the Submittals to the Contractor. Defective, incomplete or partial Submittals will be returned to the Contractor unreviewed.

Submittals shall be made by a letter of transmittal that shall contain a list of all matter submitted and identification of all variations from the Contract Documents contained in the Submittal. The letter and all items accompanying the same shall be fully identified as to project name and location, Contractor's name, district, county, and Contract number, with ample cross-references to the Contract Documents, to facilitate identification of items and their location in the Work.

All Shop Drawings and supporting data, catalogs, schedules, shall be submitted as the instruments of the Contractor, who shall be responsible for their accuracy and completeness. These Submittals may be prepared by the Contractor, Subcontractors, or Suppliers, but the Contractor shall ascertain that Submittals meet all of the requirements of the Contract Documents, while conforming to structural, space, and access conditions at the point of Installation. The Contractor shall check all Submittals before submitting them to the Director.

2-1.08A **SHOP DRAWINGS.** The Contractor shall submit an electronic copy (searchable PDF) of all Shop Drawings required by the Supplemental Conditions or Specifications, and one (1) hard copy, if requested by the Director. Shop Drawings shall also be provided separately in AutoCAD format using the latest version of AutoCAD. An electronic

copy will be returned to the Contractor either approved for use, as demonstrated by a stamp, or returned for correction and resubmittal. Materials, colors and/or samples will not be returned to the Contractor. Shop Drawings include any drawing, which requires execution by a draftsman as distinguished from printed matter. The size of Shop Drawings shall not exceed twenty-four inches (24") by thirty-six inches (36").

2-1.08B **DESCRIPTIVE DATA.** The Contractor shall submit an electronic copy (searchable PDF) of each set of manufacturer's brochures or other data required by the Supplemental Conditions or Specifications, and one (1) hard copy, if requested by the Director. The City will examine such Submittals and return either an electronic copy or a hard copy approved for use or returned for correction and resubmittal.

2-1.08C **SAMPLES.** The Contractor shall submit samples of articles, materials or equipment as required by the Supplemental Conditions or Specifications. The Work shall be in accordance with the approved samples. Samples shall be removed from City property when directed or may be incorporated in the Work if approved by the Director. Samples not removed by the Contractor will become the property of the City or, at the City's option, will be removed or disposed of by the City at the Contractor's expense.

2-1.08D **MANUALS, INSTRUCTIONS AND AFFIDAVIT.**

A. **Manuals and Instructions.** Where operation and maintenance manuals are required by the Supplemental Conditions, the Contractor shall submit two (2) sets of manuals, suitably bound, along with two (2) electronic copies in an approved format, to the Director within forty-five (45) Days after favorable review of the equipment or facilities. If operation and maintenance manuals are approved to be provided in PDF format, text shall be provided in searchable PDF format, making proper use of PDF for headings and heading levels,

paragraphs, tables, and lists. Submitted operation and maintenance manuals shall be a collected, organized, and indexed set of bookmarked PDF documents comprising each operation and maintenance manual that corresponds to a hardcopy binder. All manuals shall be marked to indicate the specific equipment furnished for this project and shall include at a minimum:

1. Equipment summary form
2. Cover/Title page
3. Table of contents
4. Operating procedures including start-up, shutdown, normal operation, all operating modes, emergency shutdown, and safety precautions
5. Lubrication instructions (if required)
6. Preventative maintenance procedures
7. Troubleshooting and corrective maintenance procedures
8. Reinstallation instructions
9. Overhaul instructions (if applicable)
10. Parts identification list with exploded view and associated cross references
11. Recommended spare parts list
12. Operator safety requirements
13. Electrical and control system wiring drawings, including panel wiring control (ladder) diagrams, logic diagrams, loop diagrams, and interconnection diagrams
14. Panel layout and assembly drawings

15. Mechanical drawings
16. Printouts of all software programs and configuration files
17. Factory and field test procedures and results

Operation and maintenance manuals for complex equipment shall also include:

18. Alternate specified operating modes
19. Emergency shutdown instructions
20. Normal shutdown instructions
21. Long term shutdown instructions

Operation and maintenance manuals for systems comprised of separate pieces of equipment shall include a system explanation of items 4, 7, 18, 19, 20, and 21 as well as the instructions for the separate pieces of equipment.

B. Affidavits. Where required in the Supplemental Conditions or Specifications, manufacturers of equipment shall provide field service as a part of this project. Equipment shall not be considered ready for full time operation until after the authorized factory-trained and qualified manufacturer's representative for the specific equipment has checked and adjusted the equipment and certified by written affidavit that the equipment has been properly Installed, tested, adjusted, lubricated, and calibrated, and is ready for full time operation. Acceptable affidavits shall be submitted prior to completion of the Work. Affidavits shall contain the following specific wording:

“The (Name of Equipment) has been properly installed, tested, adjusted, lubricated, and calibrated, and is ready for full time operation. The installation has been inspected and has been found to be in conformance with our (the manufacturer's) standards and requirements.”

No amplification, dilution, or modification of this specific wording will be permitted.

2-1.08E **ALTERNATIVES.** For convenience in designation in the Contract Documents, certain materials, articles, or equipment may be designated by a brand or a trade name or the name of the manufacturer together with catalog designation or other identifying information, hereinafter referred to generically as “designated by brand name.” Except in those instances where the product is designated to match others in use in a particular improvement, either completed or in the course of completion, an alternative material, article, or equipment which is of equal quality and of the required characteristics for the purpose intended may be proposed for use provided the Contractor complies with the following requirements:

A. The Contractor shall submit its proposal for an alternative in writing. Such request shall be made in ample time to permit review and approval without delaying the Work. The Contractor shall not be entitled to an adjustment of the Contract Time or an increase in the Contract Price based on any Contractor-proposed substitution.

B. No such proposal will be considered unless accompanied by complete information and descriptive data, necessary to determine the equality of the offered materials. The Contractor shall satisfy the Director as to the comparative quality, suitability, or performance of the offered material, articles, or equipment. In the event that the Director rejects the use of such alternative materials, articles, or equipment, then one of the particular products designated by brand name shall be furnished.

C. The burden of proof as to the quality and suitability of alternatives shall be upon the Contractor and it shall furnish all information necessary as required by the Director. The Director shall be the sole judge as to the quality and suitability of alternative articles or materials and such decisions shall be final. Where use of an alternative material

involves redesign of, or changes to, other parts of the Work, the cost and time required to effect such redesign or changes will be considered in evaluating the suitability of the alternative material. Cost of redesign by the City will be borne by the Contractor.

D. Whenever classification, rating or other certification by a body such as Underwriters Laboratories (UL) or the National Electrical Manufacturers Association (NEMA) is a part of the specification for any material, Contractor's request for use of alternative articles or materials shall be accompanied by reports from the listed or equivalent independent testing Laboratory indicating compliance with the Contract Documents. The cost of all testing required to prove equality of the material proposed shall be borne by the Contractor. Approval of an alternative shall be only for the characteristics or use named in such approval, and shall not be used to change or modify any requirement of the Contract Documents.

E. At its election, the City reserves the right to consider any Contractor proposed substitution as a Cost Reduction Proposal under Section 3-1.07 of these General Conditions in the event that there is a significant savings resulting from the substitution.

The Director will examine, with reasonable promptness, such Submittals, and return of Submittals to the Contractor shall not relieve the Contractor from responsibility for deviations and alternatives from the Contract Documents, nor shall it relieve the Contractor from responsibility for errors in the Submittals. A failure by the Contractor to identify in its letter of transmittal material deviations from the Contract Documents shall void the Submittal and any action taken thereon by the Director. When specifically requested by the Director, the Contractor shall resubmit such Shop Drawings, descriptive data and samples as may be required.

If any mechanical, electrical, structural, or other changes are required for the proper Installation and fit of alternative materials, articles, or equipment, or because of deviations from

the Contract, such changes shall not be made without the approval of the Director and shall be made without additional cost to the City.

2-1.09 **DISPOSAL OF MATERIAL OUTSIDE THE WORK SITE.** Unless otherwise stated elsewhere in the Contract Documents, the Contractor shall, at its own cost and expense, make its own arrangements for disposing of materials outside the Work Site.

Except when material is to be disposed of at a landfill or recycling center, when any material is to be disposed of outside the Work Site, the Contractor shall first obtain written permission from the City to dispose of the material at the intended location. The City's approval will be contingent upon the Contractor obtaining a written permit from the property owner on whose property the disposal is to be made. Prior to the disposal of any material at the intended location, the Contractor shall submit such permit or a certified copy thereof to the City, together with a written release from the property owner absolving the City from any and all responsibility related to the disposal of material on said property.

Disposal of Hazardous Materials must be done in accordance with all laws and regulations. Copies of all required regulatory documentation including copies of final manifests shall be supplied to the City.

2-1.10 **ACCESS TO THE WORK.** The Contractor shall satisfy itself that the jurisdictions through which its operations and haul routes pass will permit such operations with respect to the type of vehicle, laden weights, frequency and dimensions of loads, hours of operation and required traffic control. All necessary permits, licenses or bonds shall be obtained and paid for by the Contractor.

2-1.11 **TEMPORARY UTILITIES.** The Contractor shall make its own arrangements with utility companies for any temporary services it may require in performance of

the Work and shall pay all costs of these services directly to these utility organizations.

2-1.12 **UTILITY FACILITIES.** The Contractor shall protect from damage those utility facilities that are to remain in place, be Installed, relocated or otherwise arranged.

The Contractor's attention is directed to the possible existence of facilities not shown, and of facilities in a location different from that, which is indicated. The Contractor shall take steps to ascertain the exact location of all facilities prior to doing any Work, which may damage such facilities or interfere with their service. Where the location of a facility is indicated or inferred from the presence of visible facilities such as buildings, meters, and junction boxes, the Contractor shall make such excavations and explorations as are necessary to ascertain the correct location. Unless provided for elsewhere in the Contract Documents, the cost of such excavations and explorations will be considered as a part of the cost of other items of Work and no additional payment will be made. Such excavations and exploratory Work shall not entitle the Contractor to an extension of time.

If the Contractor discovers underground facilities not indicated or inferred from the Contract Documents, the Contractor shall immediately give the Director written notification of the existence of those facilities. The Contractor shall determine the exact location of the underground facilities and the cost of the work will be paid for in accordance with the Contract Documents. The underground facilities shall be protected from damage as directed by the Director and the cost of that work will be paid for as extra work. The Contractor shall, if directed by the Director, repair any damage, which may occur to the underground facilities. The cost of that repair work, not due to the failure of the Contractor to exercise reasonable care, will be paid for as extra work. Damage due to the Contractor's failure to exercise reasonable care shall be repaired at the Contractor's cost and expense.

Where it is determined by the City that the rearrangement of an underground facility, the existence of which is not shown on the Contract Drawings, is essential in order to accommodate the Work, the City will provide for the rearrangement of such facility by other forces or, when so ordered by Change Order, such rearrangement shall be performed by the Contractor and will be paid for as provided under a Change Order.

The Contractor shall be responsible for the maintenance of all utility facilities placed by the Contractor in temporary locations, and all utilities within the construction area not required to be relocated but which are required to be shored or supported during the construction period. The cost of such maintenance shall be borne by the Contractor, and no other compensation shall be due the Contractor for this Work.

The cost of providing and maintaining all necessary or required temporary structures, of making any necessary repairs, replacements, or similar operations, or furnishing indemnity or other bonds, if required, and all costs required by this Section shall be paid by the Contractor and shall be included in the prices bid in the schedule for other items of work.

2-1.13 **PRESERVATION AND CLEANING.** The Contractor shall clean up the Work at frequent intervals and at other times when directed by the Director. While finish Work is being accomplished, floors, Work areas and finished areas shall be kept clean, free of dust, construction debris and trash. Upon completion of the Work, the Contractor shall remove from the Premises its construction equipment and any waste materials not previously disposed of, leaving the Premises thoroughly clean and ready for final inspection.

2-1.14 **LIMITATIONS ON WORK SITE AND PREMISES.** The Contractor shall limit its construction operations to the Work Site unless otherwise shown on the Contract Drawings or specified. The Contractor shall perform no operation of any nature over or on the

Premises except such operations as are authorized by the Contract Documents or as authorized by the Director.

2-1.15 **DUST CONTROL.** During the performance of all Work under this Contract, the Contractor shall assume all responsibility for dust control and shall furnish all labor, equipment, and means required to carry out proper and efficient measures wherever and whenever dust control is necessary to prevent the operations from producing dust damage and nuisance to persons and property. Any claims resulting from dust damage or nuisance shall be borne solely by the Contractor. The Contractor shall comply with all applicable Air Quality Act requirements.

2-1.16 **SANITATION.** The Contractor shall provide sanitary facilities for all persons working on the Work.

2-1.17 **NIGHT WORK AND NORMAL WORKING HOURS.** Normal working hours at the construction site shall be between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday. Legal holidays are excluded. Certain utility connections and street operations are anticipated to require night Work by the Contractor during low usage periods. The Contractor may also be required to prosecute the Work at night if, at any time, the Director shall deem it necessary for the progress of the Work, or if emergencies arise. The Contractor shall promptly comply with any such requirements made in writing by the Director. The Contractor will also be permitted to Work at night if Contractor satisfies the Director of the need therefor, in order to maintain the required progress or protect the Work from the elements. Certain activities are required to be performed at night for nominal progress of the Work and/or are specified to be performed at night by other portions of the Supplemental Conditions. When required, ordered, or permitted to Work at night, the Contractor shall provide sufficient and

satisfactory lighting and other facilities therefor. The Contractor shall receive no extra payment for night Work, if specified or if required to be performed during the normal progress of the Work, but compensation shall be considered as having been included in the price stipulated for the Work.

If Contractor performs work during weekends, holidays or any non-normal work hours, Contractor shall pay for required City Inspectors.

2-1.18 **LINES AND GRADES.** Unless otherwise provided in the Supplemental Conditions, the Contractor shall lay out all Work, including structures and pipelines, and shall be responsible for any errors resulting therefrom. In all questions arising as to proper location of lines and grades, the Director's decision will be final.

As part of the bid price for the construction of the improvements, the Contractor shall provide and be responsible for the layout of all Work on this project. The Contractor shall provide all necessary surveys, field staking, and positioning for the construction of all components at the proper alignment, elevations, grades, and positions, as indicated on the Contract Drawings and as required for the proper operation and function. The Contractor shall stake its Work area limits. Contractor shall perform all construction staking using a land surveyor licensed in the State of California. Contractor shall provide a staking plan prior to commencement of Work for the City's review and maintain monuments, stakes, and marks, and shall update the plan as necessary. Director, or Director's designated representative, may verify the field condition. Errors or inconsistencies in the Contract Documents discovered by the Contractor shall be reported to the Director within twenty-four (24) hours and prior to constructive forms or related improvements. Any work Installed with this requirement shall be subject to removal and replacement at the Contractor's expense.

The Contractor's lay-out shall be based on existing structures, property lines, survey control, and bench marks established by the City. All structures and pipeline connections shall be Installed based on actual elevation of existing structures to which connections are made.

The Contractor shall supply such labor as required, at no extra charge, to aid and assist the Director in checking location and grades of the Work as set by the Contractor if the Director desires to perform this checking. This shall include moving materials and equipment located between monuments and the construction Work.

2-1.19 **ARCHEOLOGICAL DISCOVERIES.** Upon discovery of prehistoric or historic artifacts, or other indicators or examples of cultural resources discovered during the course of site preparation, grading, excavation, construction or other development activities, all operations within fifty feet (50') of the find shall cease until such time as the City provides the services of a qualified archeologist to evaluate the finds and recommend appropriate action.

Prehistoric materials can include flaked stone tools (e.g., projectile points, knives and choppers) or tool making debris of obsidian, chert, quartzite and other materials, culturally darkened soil (i.e., midden, which often contains heat affected rock, ash and charcoal, shellfish remains, and cultural materials), and stone milling equipment such as mortars, pestles and hand stones. Historic material may include wood, stone, concrete or adobe footings, walls and other structural remains; debris filled wells or privies; and deposits of wood, metal, glass, ceramics and other refuse.

2-1.20 **PRESERVATION OF MONUMENTS.** Any monuments or bench marks disturbed by construction operations shall be repaired per the City's standard and promptly re-established by a registered land surveyor or civil engineer. A plat for each monument shall be furnished to the Director after the plat has been recorded with the Placer

County Recorder's Office at no additional cost to the City. The recorded plat shall serve as a record of the re-establishment of said existing survey points.

2-1.21 **CONFORMITY WITH CONTRACT DOCUMENTS.** Work and materials shall conform to the lines, grades, cross sections, dimensions and material requirements, including tolerances, required by the Contract Documents. Although measurement, sampling and testing may be considered evidence as to such conformity, the City shall be the sole judge as to whether the Work or materials deviate from the Contract Documents. At its option, the City may elect to accept deviations from the Contract Documents with appropriate backcharge Assessments against the Contractor, and, if such an election is made, the City will provide written notice to the Contractor of such acceptance.

2-1.22 **FINAL CLEANUP.** Prior to final Acceptance of the Work, the Contractor shall thoroughly clean the Premises, remove all temporary structures built by or for the Contractor, and remove all equipment and surplus construction material and debris from the area. The entire project, before Acceptance by the City, shall be left in a neat and clean condition. All Work areas and temporary construction areas shall be returned to essentially the same conditions existing before the commencing of project construction.

2-1.23 **AS-BUILT DOCUMENTS AND DRAWINGS.** The Contractor shall maintain one set of the full size prints furnished by the City and mark thereon in color any deviations from plan dimensions, elevations, or orientations. Also, the Contractor shall locate on said prints, all underground facilities, such as piping, conduits and tanks by accurate field measurement from structure walls, corners, etc. The Contractor shall submit the prints and an electronic CD (searchable PDF or source file format such as AutoCAD) in good condition to the Director upon completion of the job as a condition of Acceptance of the project. Marked prints

shall be updated at least once each week and shall be available to the Director for review as to currency prior to developing partial payment estimates. After the completion of testing, but prior to Acceptance, the Contractor shall submit As-Built electrical drawings in color and an electronic CD showing all components and their wiring, and as specified in the Supplemental Conditions.

2-1.24 **SUPERINTENDENCE.** The Contractor shall supervise and direct the Work, which shall be performed in accordance with the requirements of the Contract Documents. The Contractor shall be solely responsible for implementation of all construction means, methods, techniques, sequences, and procedures and for coordination of all portions of the Work under the Agreement. The Contractor shall be solely responsible for the safety of its employees, Subcontractors of any tier, Suppliers, visitors to the Contractor, and other third parties associated with the Contractor.

The Contractor shall designate in writing before starting Work, an authorized representative who shall have the authority to represent and act for the Contractor.

When the Contractor is comprised of two (2) or more persons, firms, partnerships, or corporations functioning on a joint venture basis, said Contractor shall designate in writing before starting Work, the name of one authorized representative who shall have the authority to represent and act for the Contractor. Instances of misconduct, contract non-compliance, unsatisfactory performance, or incompetence by these personnel shall be grounds for the City to direct Contractor to dismiss them from the Project. Contractor shall immediately comply with the City's request for dismissal, at no cost to the City, and shall designate a replacement, which shall be subject to approval by the City.

Said authorized representative shall be present at the site of the Work at all times while Work is actually in progress on the Contract. When Work is not in progress and during periods

when Work is suspended, arrangements acceptable to the Director shall be made for any Emergency Work that may be required.

Whenever the Contractor or its authorized representative is not present on any particular part of the Work where it may be desired to give direction, orders will be given by the Director, which shall be received and obeyed by the superintendent or foremen who may have charge of the particular Work in reference to which the orders are given.

Any order given by the Director, not otherwise required by the Supplemental Conditions to be in writing, will on request of the Contractor, be given or confirmed by the Director in writing.

2-1.25 **CHARACTER OF WORKER.** If any Subcontractor or person employed by the Contractor shall appear to the Director to be incompetent or to act in a disorderly or improper manner, he or she shall be removed immediately on the requisition of the Director, and such person shall not again be employed on the Work.

2-1.26 **INSPECTION.** The Contractor shall at all times permit the Director to inspect the Work or any part thereof. The Contractor shall maintain proper facilities and provide safe access for such inspection by the Director to all parts of the Work, and to the shops where the Work is in preparation. Work shall not be covered up until authorized by the Director and the Contractor shall be solely responsible for notifying the Director where and when such Work is in readiness for inspection and testing. Should any such Work be covered without authorization, it shall, if so ordered, be uncovered at the Contractor's expense.

Unless otherwise designated as normal working hours, whenever the Contractor intends to perform Work on Saturday, Sunday, or a Legal Holiday, the Contractor shall give notice to the Director of such intention forty-eight (48) hours prior to performing such Work, or such longer

period as may be specified so that the Director may make necessary arrangements.

The observation and/or approval of the workmanship or materials by the City shall not relieve the Contractor of any obligations to fulfill the requirements of the Contract Documents. Workmanship and materials not meeting such requirements shall be corrected and unsuitable Work or material may be rejected, notwithstanding that such Work or materials have been previously observed and/or approved by the City, or payment therefor has been included in a progress estimate.

The City may order re-examination of questioned Work at any time before final Acceptance. If so ordered, the Contractor shall uncover the Work. If such work is found to be in accordance with the Contract Documents, the City will pay for the cost of uncovering, removing, recovering and replacing the parts removed; but if such Work so exposed or examined is not in accordance with the Contract Documents, the uncovering, removal, recovering and replacement shall be at the Contractor's expense. Work that has been covered prior to observation by the City does not qualify as re-examined work; the City may order such work uncovered for observation without payment of any costs.

2-1.27 **REMOVAL OF REJECTED AND UNAUTHORIZED WORK.** All Work which has been rejected shall be remedied, or removed and replaced by the Contractor in a manner acceptable to the Director and no compensation will be allowed the Contractor for such removal, replacement, or remedial Work.

Any Work done beyond the lines shown on the Contract Drawings or established by the Director, or any Work done without written authority will be considered as unauthorized Work and will not be paid for. Upon order of the Director, unauthorized Work shall be remedied, removed, or replaced at the Contractor's expense.

Upon failure of the Contractor to comply promptly with any order of the Director made under this section, the Director may cause rejected or unauthorized Work to be remedied, removed, or replaced, and the costs thereof will be deducted from any moneys due or to become due the Contractor.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 3

CHANGES IN THE WORK

3-1.01 **CHANGES.** The Director, without invalidating this Agreement and without notice to Contractor's surety, may order changes in the Work, consisting of additions or deletions, or other revisions. The Contract Price and the Contract Time shall be adjusted accordingly. All such changes in the Work, including in the Contract Price and the Contract Time, shall be authorized only by Contract Change Order, signed by the Director.

If Contractor claims that performance of any work entitles it to additional compensation or to an extension of time for performance of the Work, Contractor shall provide written notice to the City of any such claim prior to undertaking such work. Contractor shall provide written notice of any anticipated impacts to the Contract Price or Contract Time within three (3) Days of discovering such impact, by submitting a Notice of Potential Claim described in Section 7-1.03 below, or notice of delay as described in Section 6-1.09 below. If the Director refuses to issue a Change Order for such work, Contractor shall perform that work if directed or obligated to do so and shall submit a complete and specific Claim for additional compensation and/or extension of time for performance within fifteen (15) Days after such work is performed, as described in Section 7-1.03 below. Failure to provide written notice of claims prior to undertaking such work, failure to provide a timely Notice of Potential Claim, or failure to submit timely a complete and specific Claim for additional compensation and/or extension of the time for performance, shall be deemed a waiver and abandonment of any such Claim. No Claim, dispute or controversy shall interfere with the progress or performance of the Work and the Contractor shall proceed with the Work as directed by the Director. Failure to so proceed shall amount to a

default under this Agreement.

3-1.02 **PROPOSED CHANGE ORDERS.** The Contractor will be notified in writing of a proposed Change Order describing the intended change. Within fifteen (15) Days after receipt of a written request, the Contractor shall submit its proposed price to be added or deducted from the Contract Price due to the change and its estimate of the extent of the adjustment in the Contract Time, if any. The Contractor's proposed price to be added to or deducted from the Contract Price shall be supported by a detailed estimate of cost prepared by the Contractor, vendor or Supplier. The Contractor's proposed price submittal shall be accompanied by a statement of the time necessary for the changed Work, together with a description of how this time will be incorporated into the current Construction Schedule. The Contractor shall upon request by the Director permit inspection of its original Contract estimate, subcontract agreements or purchase orders relating to the change.

If agreement is reached on the adjustment in compensation as provided in Section 3-1.05, "Contract Price Adjustment," of these General Conditions, the Contractor shall proceed with the Work as changed at the agreed price.

If the Contractor and the Director fail to agree as to the adjustment in compensation for the performance of the changed Work, the Contractor, upon written order from the Director, shall proceed immediately with the changed Work and the Contract Price shall be adjusted in accordance with Section 3-1.06, "Force Account Payment," of these General Conditions.

If the Contractor fails to submit its cost estimate within such fifteen (15) Day period, the Contractor shall commence the Work as changed immediately upon receipt of written order of the Director, and the Contract Price will be adjusted in accordance with the Director's cost estimate for the changed Work.

3-1.03

EMERGENCY AND INDETERMINATE TYPE CHANGE

ORDERS. Changes in the Work made necessary by an Emergency, as determined by the Director, or changes of a kind where the extent of the Work cannot be determined until completed, may be authorized by the Director in writing. The Change Order shall state that it is issued pursuant to this Section 3-1.03. Upon receipt of an authorized Change Order or other written order of the Director, the Contractor shall proceed with the ordered Work and the Director will maintain a daily job record containing a detailed summary of all labor, materials and equipment required for the changed Work.

Within fifteen (15) Days after receiving a written request, the Contractor shall submit a detailed estimate of cost for the change and any requested change in Contract Time in the same manner as required for proposed Change Orders in Section 3-1.02 of these General Conditions.

3-1.04

EXECUTED CHANGE ORDER.

A Contract Change Order signed by both the Director and the Contractor is an “executed Contract Change Order.” By signing the Contract Change Order, the Contractor agrees that the specified compensation constitutes full compensation for the changed Work, including payment for interruption, disruption, acceleration, extended Overhead, delay or any other “impact” claim or “ripple effect” claim. The Contractor specifically understands and agrees that its execution of the Contract Change Order shall constitute a waiver of any right for the Contractor to claim any additional compensation with respect to the subject matter of the Contract Change Order.

3-1.05

CONTRACT PRICE ADJUSTMENT.

If a Contract Change Order provides for an adjustment to the Contract Price, the amount of such adjustment shall be determined by one of the following methods, or a combination thereof, as determined by the City and in its sole discretion:

A. Lump sum. The Contractor and the City may agree on a lump sum amount for the Change Order. At the City's request, the Contractor will provide pricing for the work. Maximum markups for Contract Change Orders paid for using lump sum pricing shall be paid for in the same manner and in the same amounts as markups for Force Account work, as described in Section 3-1.06 below.

B. Unit Prices. The unit prices set forth in the Contractor's Schedule of Bid Prices will be utilized where they are applicable and acceptable to the City. The Contractor's unit prices shall remain firm and shall not be subject to adjustment unless and until the actual quantity of work is increased or decreased by Contract Change Order in an amount greater than twenty-five percent (25%) from the estimated quantity indicated for such item. No markups will be given for Contract Change Orders paid for using unit prices.

Unit prices for new items included in the Contract Change Order but not included in the original bid shall be as mutually agreed upon or, in the absence of agreement, as determined by the City in the same manner as if the work were to be paid for on a Force Account basis, as described in Section 3-1.06 below.

C. Force Account. Where the City and the Contractor are unable to agree on lump sum pricing and if the City does not elect to utilize the unit prices in Contractor's bid, or such unit prices are not applicable, the changed work will be performed and tracked by the Contractor as Force Account work, as described in Section 3-1.06 below. The City will pay for such work, including markups, properly attributable to the change in accordance with those Force Account provisions.

D. Eliminated Items. The City reserves the right to delete any bid item of Work in its entirety. The City makes no representation that any work under a bid item of Work

will be performed, and all work may be subject to a Contract Change Order that deletes such work. Bid items are distinct and severable from the other bid items, and the Contractor shall not be entitled to any anticipated profit, unabsorbed Overhead, or other indirect expense attributable to the deleted item, except as provided immediately below with regard to Force Account mark-ups on the direct and verifiable costs incurred prior to the City's order that deletes the work.

Should any bid item of Work be eliminated in its entirety and not accounted for as described immediately above and, in the absence of an executed Contract Change Order covering such elimination, payment will be made to the Contractor for actual direct and verifiable costs incurred in connection with such eliminated bid item if incurred prior to the date of notification in writing by the City of such elimination. If acceptable material is ordered by the Contractor for the eliminated item prior to the date of notification of such elimination by the City, and if orders for such material cannot be canceled, it will be paid for at the actual direct and verifiable cost to the Contractor. Actual direct costs shall include documented vendor shipping fees, Supplier restocking fees, if applicable, and Contractor handling costs directly related to the eliminated item(s). In such case, the material paid for shall become the property of the City and the actual cost of any further handling will be paid for by the City. If the material is returnable to the vendor and if the City so directs, the material shall be returned and the Contractor will be paid for the actual direct cost of charges made by the vendor for returning the material. The actual direct cost of handling returned materials will also be paid for by the City. The actual direct and verifiable costs to be paid by the City as provided herein will be computed in the same manner as if the work were to be paid for on a Force Account basis, including the application of Force Account mark-ups to said costs.

3-1.06 **FORCE ACCOUNT PAYMENT.** When Work performed pursuant to a

Change Order is to be paid for on a Force Account basis, the Contractor's labor, materials and equipment used in the performance of such Work shall be subject to the approval of the City, and the compensation will be determined as set forth below in this section.

3-1.06A **LABOR.** The Contractor will be paid an amount based on the actual cost for the workers (including foremen when authorized by the Director) used in the actual and direct performance of the Work. All labor costs associated with Overhead, whether field or home office, are specifically excluded herein, as those labor costs are covered by the below mark-ups. The cost of labor, whether the employer is the Contractor, Subcontractor or other forces, shall include employer payments; assessment of benefits required by lawful labor union collective bargaining agreements; compensation insurance payments; contributions made to the State pursuant to the Unemployment Insurance Code; and for taxes paid to the Federal Government pursuant to the Social Security Act of August 14, 1935, as amended. No labor cost will be recognized at a rate in excess of the wages prevailing in the locality at the time the Work is performed, nor will the use of a labor classification, which would increase the cost, be permitted unless the Contractor establishes to the complete satisfaction of the Director the necessity for payment at a higher rate.

3-1.06B **MATERIALS.** Only materials furnished by the Contractor and necessarily used in the performance of the Work will be paid for. Such cost of materials may include the costs of procurement, transportation and delivery if necessarily incurred. If a cash or trade discount by the actual supplier is available to the Contractor, it shall be credited to the City. If materials are procured by the purchaser by any method which is not a direct purchase from and a direct billing by the actual supplier to such purchaser, the cost of such materials shall be deemed to be the price paid to the actual supplier plus the actual costs, if any, incurred in the

handling of such materials. If the materials are obtained from a supply or source owned wholly or in part by the purchaser, the cost of such materials shall not exceed the price paid by the purchaser for similar materials furnished from said source on Bid items or the current wholesale price for such materials delivered to the job site, less any discounts as provided herein, whichever is lower. If, in the opinion of the Director, the cost of materials is excessive, or if the Contractor fails to furnish satisfactory evidence of the cost to it from the actual supplier within sixty (60) Days after the date of delivery of the materials or within fifteen (15) Days after Acceptance of the Agreement, whichever occurs first, the cost of the materials shall be deemed to be the lowest current wholesale price at which similar materials are available in the quantities required, less any discounts provided herein. The Department reserves the right to furnish such materials required by the Change Order as it deems advisable, and the Contractor shall have no claim for cost or markups on material furnished by the Department.

3-1.06C **EQUIPMENT.** The Contractor will be paid an amount based on the actual cost for the use of equipment directly required and approved by the Director in the performance of the changed Work. No payment will be made for time while equipment is inoperative due to breakdowns or on Days when no Work is performed. In addition, the rental time shall include the time required to move the equipment to the Work from the nearest available source of such equipment, and to return it to the source. If such equipment is not moved by its own power, then loading and transportation costs will be paid. Moving time, loading and transportation costs will only be paid if the equipment is used exclusively on the changed Work during the time between move in and move out. Individual pieces of equipment having a replacement value of One Thousand Dollars (\$1000) or less shall be considered to be tools or small equipment, and no payment will be made therefore. For equipment owned,

furnished, or rented by the Contractor, no cost therefore shall be recognized in excess of the equipment rental rates published by Caltrans at the following website address:

<http://www.dot.ca.gov/hq/construc/equipmnt.html>. Equipment located at a Work Site and utilized on non-Force Account work shall not be eligible for standby payment, and shall be charged on a Force Account basis only when solely performing pre-approved Force Account work tasks.

3-1.06D **MARKUPS.** When a Change Order increases the cost of the Work, the Contractor may add the following maximum markups to its actual costs of labor, materials, or equipment rental:

15 percent for labor;

10 percent for materials; and

5 percent for equipment rental.

The above markups include full compensation, covering the costs of all supervision, bonds, profit, Overhead, and other general expenses not specifically designated as a direct cost in Sections 3-1.06A through 3-1.06C above. The total payment (i.e., direct cost plus applicable markups) shall be deemed to be the actual cost of such work and shall constitute full compensation therefor. The Contractor specifically understands and agrees that such payment shall include any Contractor costs for interruption, disruption, and acceleration, extended Overhead, Change Order management, delay or other “impact” claim or “ripple effect” claim.

When work paid for on a Force Account basis is performed by forces other than the Contractor’s own forces, the maximum allowable mark-ups for the Subcontractors’ costs shall be fifteen percent (15%) for the cost of labor, ten percent (10%) for the cost of materials, and five percent (5%) for the cost of rented equipment. In these situations where the work is being performed by Subcontractors, the Contractor will only be entitled to an additional five percent

(5%) mark-up and will not be entitled to receive the additional mark-ups specified in this section.

When a Change Order decreases the cost of the Work, the reduction in cost shall include a five percent (5%) markup on the estimated cost for furnishing the labor, materials and equipment, which would have been used on such Work, had the Change Order not been issued.

When a Change Order involves both added Work and deleted Work, the markup or markups to be used shall be as follows:

The actual costs of labor, materials, and equipment rental for added and deleted Work shall be calculated separately without adding markups. If the difference between the calculated costs for labor results in an increased cost, a markup of fifteen percent (15%) shall be applied to the increased cost. If the difference between the calculated costs of materials or equipment rental results in an increased cost, a markup of ten percent (10%) and five percent (5%) respectively, shall be applied to the increased costs of materials or equipment rental, as the case may be. If the difference between the calculated costs for labor, materials or equipment rental results in a decreased cost, a markup of five percent (5%) shall be applied to the decreased costs of labor, materials or equipment rental, as the case may be.

Contractor shall not add mark-ups on work performed and billed by City staff nor add mark-ups to successive iterations of proposed Change Order cost proposals returned to Contractor by the City due to incomplete or inaccurate information being originally submitted by the Contractor. If the Contract Price increases by the issuance of Change Orders, the penal amounts of the bonds required shall increase accordingly.

3-1.06E **RECORDS.** The Contractor shall maintain its records in such a manner as to provide a clear distinction between the direct costs of extra work paid for on a Force Account basis and the costs of other operations.

From the above records, the Contractor shall furnish the City completed daily extra work reports, on forms acceptable to the City, for each Day's extra work to be paid for on a Force Account basis. The daily extra work reports shall itemize the materials used, and shall cover the direct cost of labor and the charges for equipment rental, whether furnished by the Contractor, Subcontractor, or other forces. The daily extra work reports shall provide names and identifications and classifications of workers, the hourly rate of pay and hours worked, and also the size, type, and identification number of equipment, and hours operated. Daily extra work and Force Account reports (actual or claimed) shall be signed by both the City's and the Contractor's representatives within twenty-four (24) hours of the performance of the work.

Valid copies of vendor's invoices shall substantiate material charges. Such invoices shall be submitted with the daily extra work reports, or if not available, they shall be submitted with subsequent daily extra work reports. Should said vendor's invoices not be submitted within sixty (60) Days after the date of delivery of the material or within fifteen (15) Days after the Acceptance of the Agreement, whichever occurs first, the City reserves the right to establish the cost of such materials at the lowest current wholesale prices at which said materials were available in the quantities, less any discounts.

The City will compare its records with the completed daily extra work reports furnished by the Contractor and make any necessary adjustments. When these daily extra work reports are agreed upon and signed by both parties, said reports shall become the basis of payment for the work performed, but shall not preclude subsequent adjustment based on a later audit by the City.

The Contractor's cost records pertaining to Work paid for on a Force Account basis shall be open to inspection or audit by representatives of the City during the life of the Agreement and for a period of not less than three (3) years after the date of Agreement completion and the

Contractor shall retain such records for that period. Where payment for materials or labor is based on the cost thereof to forces other than the Contractor, the Contractor shall make every reasonable effort to insure that the cost records of such other forces will be open to inspection and audit by representatives of the City on the same terms and conditions as the cost records of the Contractor. If an audit is to be commenced more than sixty (60) Days after the date of Acceptance of the Agreement, the Contractor will be given fifteen (15) Days' notice of the time when such audit is to begin.

3-1.07 **COST REDUCTION PROPOSALS.** The City encourages the Contractor to submit Cost Reduction Proposals whenever the Contractor identifies areas and/or instances in which there can be savings to the Work. Contractor may submit to the City, in writing, proposals for modifying the plans, Specifications or other requirements of the Agreement for the sole purpose of reducing the total cost of construction, including the time for completion of the Work. The City may consider such Cost Reduction Proposals and, if accepted, the Agreement will be equitably adjusted. The City has no obligation to consider or accept Cost Reduction Proposals.

SECTION 4
CONTROL OF MATERIALS

4-1.01 **MATERIALS.** The Contractor shall furnish all materials required to complete the Work, except materials that are designated in the Supplemental Conditions to be furnished by the City and materials furnished by the City in accordance with Section 3, “Changes in the Work,” of these General Conditions.

Unless otherwise specified in the Supplemental Conditions, materials furnished by the Contractor for incorporation into the Work shall be new. When the quality or kind of materials, articles, or equipment is not particularly indicated, then the quality or kind thereof shall be similar to those that are indicated.

Articles or materials to be incorporated in the Work shall be stored in such a manner as to insure the preservation of their quality and fitness for the Work, and to facilitate inspection.

All materials which do not conform to the requirements of the Contract Documents as determined by the Director, will be rejected whether in place or not. Rejected material shall be removed immediately from the site of the Work, unless otherwise permitted by the Director. No rejected material, the defects of which have been subsequently corrected, shall be used in the Work, unless approval in writing has been given by the Director. Upon failure of the Contractor to comply promptly with any order of the Director made under these provisions, the Director shall have the authority to cause the removal and replacement of rejected material and to deduct the cost thereof from any moneys due or to become due the Contractor.

Manufacturer's warranties, guaranties, instruction sheets and parts lists, which are furnished with certain materials incorporated in the Work, shall be delivered to the Director

before Acceptance of the Contract.

Unless otherwise designated in the Supplemental Conditions or Specifications, materials furnished by the City will be delivered to the job site. Materials furnished by the City that are designated in the Supplemental Conditions as available at locations other than the job site shall be hauled to the site of the Work by the Contractor at its expense, including any necessary loading and unloading that may be involved.

The Contractor will be held responsible for all materials furnished to it, and shall pay all demurrage and storage charges. City-furnished materials lost or damaged from any cause whatsoever shall be replaced by the Contractor. The Contractor will be liable to the Department for the cost of replacing City-furnished material and such costs may be deducted from any moneys due or to become due the Contractor.

4-1.02 **PRODUCT AND REFERENCE STANDARDS.** When descriptive catalog designations, including manufacturer's name, product brand name, or model number are referred to in the Contract Documents, such designations shall be considered as being those found in industry publications in effect on the day the Notice to Contractors for the Work is dated, except as may be otherwise stated.

When standards or test designations of the Federal Government, trade societies, or trade associations are referred to in the Contract Documents by specific date of issue, these shall be considered as part of the Contract. When such references do not bear a date of issue, the edition in effect on the day the Notice to Contractors for the Work is dated shall be considered as part of the Contract.

4-1.03 **SAMPLING AND TESTING OF MATERIALS.** Unless otherwise specified, all tests shall be performed in accordance with the methods used by the State

Department of Transportation (Caltrans) and shall be made by the Director or his or her designated representative.

The State Department of Transportation has developed test methods for testing the quality of materials and Work. These test methods are identified by a California Test followed by the serial number. Copies of individual tests are available at the State Department of Transportation Laboratory, Sacramento, California, and will be furnished to interested persons upon request.

Whenever a reference is made in the Supplemental Conditions to a California Test by number, it shall mean the California test in effect on the day the Notice to Contractors for the Work is dated.

Whenever the Supplemental Conditions provide an option between two (2) or more test methods, the Director will determine the test method to be used.

Whenever a Supplemental Condition, manual, or test designation provides for test reports (such as certified mill test reports) from the manufacturer, copies of such reports, identified as to the lot of material, shall be furnished to the Director. The manufacturer's test reports shall supplement the inspection, sampling and testing provisions of this Section 4-1.03 and shall not constitute a waiver of the City's right to inspect. When material which cannot be identified with specific test reports is proposed for use, the Director may at his or her discretion, select random samples from the lot for testing. Testing specimens from the random samples, including those required for retest, shall be prepared in accordance with the referenced Supplemental Conditions and furnished by the Contractor at its expense. The number of such samples and test specimens shall be entirely at the discretion of the Director.

When requested by the Director, the Contractor shall furnish, without charge, samples of

all material entering into the Work, and no material shall be used prior to approval by the Director, except as provided in Section 4-1.04, "Certificates of Compliance," of these General Conditions.

A. Inspection and Access for Testing. The Contractor shall provide safe access for the Director and his or her inspectors to adequately inspect the quality of Work and conformance with the General and Supplemental Conditions. The Contractor shall provide adequate lighting, ventilation, ladders and other protective facilities as may be necessary for the safe performance of inspections.

The Contractor shall submit samples or specimens of such materials to be furnished or used in the Work as the Director may require. The Contractor shall furnish the Director all necessary labor and facilities for such things as excavation in the compacted fill to depths required to take samples.

Inspections, tests, or favorable review by the Director or others shall not relieve the Contractor from its obligations to perform the Work in accordance with the requirements of the Contract Documents.

Work covered without the favorable review or consent of the Director shall, if required by the Director, be uncovered for examination at the Contractor's expense.

If the Engineer, Architect, or Director considers it necessary or advisable that covered Work be inspected or tested by others, the Contractor, at the Director's request, will uncover, expose or otherwise make available for observation, inspection or testing as the Director may require, that portion of the Work in question, furnishing all necessary labor, materials, tools, and equipment. If it is found that such Work is defective, the Contractor will bear all the expenses of such uncovering, exposure, observation, inspection and testing and of

satisfactory reconstruction. If, however, such Work is not found to be defective and the Work was not covered without favorable review of the Director, the Contractor will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, to cover its costs directly attributable to such uncovering, exposure, observation, inspection, testing, and reconstruction and an appropriate Change Order shall be issued.

Whenever the Contractor varies the period during which Work is carried on each Day, the Contractor shall give due notice to the Director so that proper inspection may be provided. Any Work done in the absence of the Director may be subject to rejection. Proper facilities for safe access for inspection to all parts of the Work shall at all times be maintained for the necessary use of the Director and other agents of the City. Authorized representatives and agents of the Director shall be permitted access to inspect all Work and materials wherever it is required for preparation of progress reports, and the Contractor shall provide proper facilities for such access and inspection.

It is the Contractor's responsibility to supervise the Work and complete the project in accordance with the Contract Documents. In the course of managing that effort, the Contractor shall generate its own punch lists as deemed necessary. The Director may prepare punch lists for the Director's own use in communicating with the Contractor; however, the Director shall be under no obligation to prepare punch lists for the Contractor. In general, the Director will prepare punch lists only after the Contractor has given the Director written notice that the subject Work is completed and tested in accordance with the Contract Documents and is ready for operation and/or use and/or occupancy. Failure of the Director to include an item in a punch list shall not relieve the Contractor of its duty to satisfactorily complete all Work required by the Contract Documents.

Upon Final Completion of the construction Work and request by the Contractor, the Director will conduct a final inspection as a basis for recommending to the City that the Work be accepted.

B. Field and Materials Testing. Where the Supplemental Conditions require Work to be specially field tested or approved, it shall be tested only in the presence of the Director after timely notice of its readiness for inspection and test, and the Work after testing shall be covered up only upon the consent thereto of the Director.

The results of any tests made are for the information of the Director. Regardless of any test results, the Contractor is solely responsible for the quality of workmanship and materials and for compliance with the requirements of the Contract Drawings and Supplemental Conditions.

Except as specifically required under the Supplemental Conditions, all tests by the Director of materials furnished by the Contractor will be done in accordance with commonly recognized standards of national organizations. The Contractor shall furnish such samples of all materials as required by the Director without charge. No material shall be used unless it has been favorably reviewed by the Director.

Where such inspection and testing are to be conducted by an independent Laboratory or agency, the sample or samples of materials to be tested shall be selected by such Laboratory or agency, or the Director, and not by the Contractor.

C. Costs of Testing.

1. Initial Services: The City shall furnish and pay for all initial testing services required by the Contract Documents. When initial tests indicate non-compliance with the Contract Documents, the cost of initial tests associated with that non-compliance will be

deducted by the City from the balance owed the Contractor. The Contractor shall furnish samples of materials for testing as may be required by the Director. Such samples shall be furnished without cost to the City.

2. Retesting: When initial tests indicate non-compliance with the Contract Documents, all subsequent retesting occasioned by the non-compliance shall be performed by the same testing Laboratory and the cost thereof will be deducted by the City from the balance owed the Contractor. Contractor shall be billed for each additional test.

3. Contractor Convenience Testing: Inspection or testing performed exclusively for the Contractor's convenience shall be the sole responsibility of the Contractor.

4. Additional Tests and Inspections: When in the opinion of the Director additional tests or inspections are required because of the manner in which the Contractor executes its Work, such tests and inspections shall be paid for by the City, but will be deducted from the Contract Price. Examples of such tests and inspections are tests of materials substituted for previously accepted materials or substituted for specified materials, retests made necessary by failure of material to comply with the requirements of the Specifications, load tests made necessary because of portions of the structure not fully meeting Specifications or plan requirements, etc.

4-1.04 **CERTIFICATES OF COMPLIANCE.** A Certificate of Compliance shall be furnished prior to the use of any materials for which the Supplemental Conditions require that such a Certificate be furnished. In addition, the Director may permit the use of certain materials or assemblies prior to sampling and testing if accompanied by a Certificate of Compliance. The Certificate shall be signed by the manufacturer of the material or the manufacturer of assembled materials and shall state that the materials involved comply in all

respects with the requirements of the Supplemental Conditions. A Certificate of Compliance shall be furnished with each lot of such materials delivered to the Work and the lot so certified shall be clearly identified in the Certificate.

All materials used on the basis of a Certificate of Compliance may be sampled and tested at any time. The fact that material is used on the basis of a Certificate of Compliance shall not relieve the Contractor of responsibility for incorporating material in the Work which conforms to the requirements of the Contract Documents and any such material not conforming to such requirements will be subject to rejection whether in place or not.

The Department reserves the right to refuse to permit the use of material on the basis of a Certificate of Compliance.

The form of the Certificate of Compliance and its disposition shall be as directed by the Director.

SECTION 5

LEGAL RELATIONS AND RESPONSIBILITY

5-1.01 **LAWS TO BE OBSERVED.** The Contractor shall keep informed of and observe, and comply with and cause all of its agents and employees to observe and comply with, all prevailing Federal and State laws, and rules and regulations made pursuant to said Federal and State laws, and county and municipal ordinances, and regulations, which in any way affect the conduct of the Contract. If any conflict arises between provisions of the Contract and any such law above referred to, the Contractor shall notify the Director at once in writing. To the fullest extent allowed by law, the Contractor shall defend, indemnify, and save and hold harmless the City or any of its officers, agents, employees, and volunteers against any claim or liability arising from or based on the violation of any such law, rule, or regulation, whether by itself or its agents or employees.

5-1.02 **HOURS OF LABOR.** Eight (8) hours labor constitutes a legal Day's work. The Contractor or Subcontractor shall, as a penalty to City, forfeit Twenty-five Dollars (\$25) for each worker employed in the execution of the contract by the respective Contractor or Subcontractor for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one (1) calendar day and forty (40) hours in any one (1) calendar week in violation of the provisions of the Labor Code, and in particular, Section 1810 to Section 1815, thereof, inclusive, except that Work performed by employees of Contractors in excess of eight (8) hours per day, and forty (40) hours during any one (1) week, shall be permitted upon public work upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half (1-1/2) times the basic rate of pay, as provided in said

Section 1815. In addition, Contractor and/or its Subcontractors may be required to pay double the basic rate of pay for all hours worked in excess of twelve (12) hours in any workday and under other circumstances. (See California Code of Regulations, Title 8, Sections 16100(c)(6) and (16200(a)(3)(F) and applicable Department of Industrial Relations prevailing wage determinations.)

5-1.03 **NONDISCRIMINATION.**

A. Attention is directed to Labor Code Section 1735, which reads as follows:

“A contractor shall not discriminate in the employment of persons upon public works on any basis listed in subdivision (a) of Section 12940 of the Government Code, as those bases are defined in Sections 12926 and 12926.1 of the Government Code, except as otherwise provided in Section 12940 of the Government Code. Every Contractor for public works who violates this section is subject to all the penalties imposed for a violation of this chapter.”

B. During the performance of this Contract, Contractor and its Subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of 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. The Contractor and Subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. The Contractor and Subcontractors shall comply with the provisions of the California Fair Employment and Housing Act (Government Code §12900, et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, §7285.0 et seq.) and other applicable State and Federal regulations and City

policies pertaining to nondiscrimination and affirmative action which are incorporated into this Agreement by reference and made a part hereof as if set forth in full. The Contractor and its Subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

C. Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform Work under the agreement.

5-1.04 **PREVAILING WAGE.** The Contractor and any Subcontractor shall comply with Labor Code Sections 1770 et seq. In accordance with said Section 1775 the Contractor and any Subcontractor under the Contractor shall, as a penalty, forfeit to the state or City not more than \$200 for each calendar day or portion thereof, for each worker paid less than the prevailing rate as determined by the Director of Industrial Relations for the work or craft in which such worker is employed for under the Contract by the Contractor or by any Subcontractor under the Contractor.

The amount of the penalty shall be determined by the Labor Commissioner based on consideration of both of the following: (a) whether the failure to pay the correct rate of per diem wages was a good-faith mistake and, if so, whether the error was promptly and voluntarily corrected when brought to the attention of the Contractor or Subcontractor; and (b) whether the Contractor or Subcontractor has a prior record of failing to meet its prevailing wage obligations.

The penalty may not be less than forty dollars (\$40) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, unless the failure of the Contractor or Subcontractor to pay the correct rate of per diem wages was a good faith mistake and, if so, the error was promptly and voluntarily corrected when brought to the attention of the Contractor or Subcontractor.

The penalty may not be less than eighty dollars (\$80) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, if the Contractor or Subcontractor has been assessed penalties within the previous three (3) years for failing to meet its prevailing wage obligations on a separate contract, unless those penalties were subsequently withdrawn or overturned.

The penalty may not be less than one hundred twenty dollars (\$120) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, if the Labor Commissioner determines that the violation was willful, as defined in subdivision (c) of Section 1777.1 of the Labor Code.

If the amount due under this section is collected from the Contractor or Subcontractor, any outstanding wage claim under Chapter 1 (commencing with Section 1720) of Part 7 of Division 2 of the Labor Code against the Contractor or Subcontractor shall be satisfied before applying that amount to the penalty imposed on that Contractor or Subcontractor pursuant to this section.

The determination of the Labor Commissioner as to the amount of the penalty shall be reviewable only for an abuse of discretion.

In addition to said penalty, 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 the Contractor or Subcontractor.

If a worker employed by a Subcontractor on a public works project is not paid the general prevailing per diem wages by the Subcontractor, the Contractor is not liable for any penalties described above unless the Contractor had knowledge of that failure of the Subcontractor to pay

the specified prevailing rate of wages to those workers or unless the Contractor fails to comply with all of the following requirements:

1. The contract executed between the Contractor and the Subcontractor for the performance of work on the public works project shall include a copy of the provisions of Sections 1771, 1776, 177.5, 1813, and 1815 of the Labor Code.
2. The Contractor shall monitor the payment of the specified general prevailing rate of per diem wages by the Subcontractor to the employees, by periodic review of the certified payroll records of the Subcontractor.
3. Upon become aware of the Subcontractor's failure to pay its workers the specified prevailing rate of wages, the Contractor shall diligently take corrective action to halt or rectify the failure, including, but not limited to, retaining sufficient funds due the Subcontractor for work performed on the public works project.
4. Prior to making final payment to the Subcontractor for work performed on the public works project, the Contractor shall obtain an affidavit signed under penalty of perjury from the Subcontractor that the Subcontractor has paid the specified general prevailing rate of per diem wages to its employees on the public works project and any amount due pursuant to 1813 of the Labor Code.

Pursuant to Section 1775 of the Labor Code, the Division of Labor Standards Enforcement shall notify the Contractor on a public works project within fifteen (15) Days of the receipt by the Division of Labor Standards Enforcement of a complaint of the failure of a Subcontractor on that public works project to pay workers the general prevailing rate per diem wages.

Pursuant to the provisions of California Labor Code Section 1773, the City has obtained

the general prevailing rate of wages applicable to the categories of workers the City anticipates will be utilized for this project 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 worker concerned or, if no collective bargaining applies, those holidays identified in Government Code Section 6700. 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 incorporated herein as a part of this Contract.

Pursuant to Labor Code Section 1773.2, the general prevailing wage rates set forth above, which forms a part of this Contract, shall be posted by the Contractor at a prominent place at the site of the Work.

Pursuant to Labor Code Section 1773.6 and California Code of Regulations Section 16204, Title 8, changes in general prevailing wage determinations shall apply to the project only if issued by the Director of Industrial Relations prior to the City's bid issuance date.

The City will not recognize any claim for additional compensation because of the payment by the Contractor of any wage rate in excess of the prevailing wage rate set forth in the Contract. The possibility of wage increases is one of the elements to be considered by the Contractor in determining its Bid, and will not under any circumstances be considered as the basis of a claim against the City or Contract.

When both California and Federal prevailing wage rates apply, the Contractor and any Subcontractors shall pay their workers the higher of the two rates. The Contractor and any Subcontractors shall insert this clause in any lower tier contract.

5-1.05 **REGISTRATION REQUIRED AS QUALIFICATION TO BID.**

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 contractor 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. 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 public work pursuant to Section 1725.5.

5-1.06 **PAYROLL RECORDS.** The Contractor's attention is directed to the following provisions of Labor Code Section 1776. The Contractor shall be responsible for the compliance with these provisions by its Subcontractors.

A. The Contractor and each Subcontractor shall keep accurate and current payroll records, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by it in connection with the public work. Each payroll record shall contain or be verified by a written declaration that is made under penalty of perjury, stating both of the following:

1. The information contained in the payroll record is true and correct.
2. The employer has complied with the requirements of Section 1771, 1811, and 1815 for any work performed by his or her employees on the public works project.

B. The payroll records enumerated under subdivision (A) shall be available for inspection at all reasonable hours at the principal office of the Contractor on the following

basis:

1. A certified copy of an employee's payroll record shall be made available for inspection or furnished to such employee or his or her authorized representative on request.

2. A certified copy of all payroll records enumerated in subdivision (A) shall be made available for inspection or furnished upon request to a representative of the City, the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards of the Department of Industrial Relations. The City reserves the right to withhold any progress payments to the Contractor in the event of noncompliance with the subsection.

3. A certified copy of all payroll records enumerated in subdivision (A) shall be made available upon request by the public for inspection or for copies thereof. However, a request by the public shall be made through either the City, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. The public shall not be given access to such records at the principal office of the Contractor.

C. The certified payroll records shall be on forms provided by the Division of Labor Standards Enforcement or shall contain the same information as the forms provided by the Division.

D. Each Contractor shall file a certified copy of the records enumerated in subdivision (A) with the entity that requested the records within ten (10) Days after receipt of a written request.

E. Any copy of the records made available for inspection as copies and furnished upon request to the public or any public agency by the City, the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement shall be marked or

obliterated to prevent disclosure of an individual's name, address and social security number. The name and address of the Contractor awarded the Contract or Subcontractor performing the Contract shall not be marked or obliterated. Any copy of records made available for inspection by, or furnished to, a joint labor-management committee established pursuant to the federal Labor Management Cooperation Act of 1978 (Section 175a of Title 29 of the United States Code) shall be marked or obliterated only to prevent the disclosure of an individual's name and social security number. A joint labor-management committee may maintain an action in a court of competent jurisdiction against an employer who fails to comply with Section 1774. The court may award restitution to an employee for unpaid wages and may award the joint labor-management committee reasonable attorneys' fees and costs incurred in maintaining the action. An action under this subdivision may not be based on the employer's misclassification of the craft of a worker on its certified payroll records. Nothing in this subdivision limits any other available remedies for a violation of this section.

F. The Contractor shall inform the City of the location of the records enumerated under subdivision (A), including the street address, city and county, and shall, within five (5) business days, provide a notice of a change of location and address.

G. The Contractor shall have ten (10) Days in which to comply subsequent to receipt of written notice requesting the records enumerated in subdivision (A). In the event that the Contractor or Subcontractor fails to comply within the ten (10) Day period, the Contractor shall, as a penalty to the State or City, forfeit twenty-five (\$25) Dollars for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, these penalties shall be withheld from any progress payment or final payment then due. A contractor

is not subject to a penalty assessment pursuant to this section due to the failure of a Subcontractor to comply with this section.

5-1.07 **SAFETY REQUIREMENTS.** 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 Work 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 Work Site 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 IIPP (Illness and Injury Prevention 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 Contractor shall designate a safety officer and have in place a health and safety plan in accordance with the laws of State of California and conduct safety meetings and document them in accordance with the law. The Contractor shall have the safety record available for inspection during working hours and shall submit job site safety meeting reports with each Application for Payment.

Prior to Contractor commencing construction project work on City property, Contractor

shall make available copies of its Health and Safety Plan (HASP) that meets or exceeds applicable Cal/OSHA regulations. The Contractor's HASP shall also meet or exceed the requirements of any applicable City-wide or departmental specific Injury and Illness Prevention Programs (IIPP) and other HASP programs, procedures, and plans. Potentially applicable HASP programs, procedures, and plans include, but are not limited to, the following:

1. Bloodborne Pathogens Exposure Control Plan;
2. Confined Space Entry Procedure;
3. Electrical Safety Program (Lockout/Tagout);
4. Emergency Action Plans (Site Specific);
5. Fire Prevention Plans (Site Specific);
6. Hazardous Waste Operations Emergency Response Plan (or Equivalent);
7. Hazard Communication Program (SDS's and Right-to-Know training);
8. Heat Illness & Prevention Plan;
9. Hearing Conservation Program;
10. Hot Work/Welding Procedure;
11. Job Hazard Analyses/Standard Operating Procedures;
12. Traffic Control & Flagging;
13. Excavation/Dig Safe Procedure;
14. Fall Protection Plan;
15. Personal Protective Equipment Plan;
16. Respirable Crystalline Silica Exposure Control Plan;
17. Respirator Program;
18. Soils Management Plan (for contaminated soils); and

19. Transite (Asbestos) Pipe Work Procedure.

Additionally, Contractor shall be responsible for complying with all City-wide and departmental specific safety requirements as identified in the Supplemental Conditions or presented at a pre-construction meeting.

Contractor shall inform City in advance of the quantity of chemical(s) to be used for the project and the total quantity of chemical(s) that will be brought onto City property. In addition, Contractor shall provide City with one copy of the Safety Data Sheet (SDS) for each chemical expected to be used to complete the project and for each chemical brought to the Work Site, regardless of whether such chemicals are ultimately used for the project.

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 its operations.

To ensure compliance with California Labor Code Section 6705, the Contractor shall submit to the City, at least five (5) Days in advance of excavation of any trench five feet (5') or more in depth, Working Drawings to the Director showing the design of shoring, bracing, sloping and other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If such Working Drawings vary from the shoring system standards established by the Cal/OSHA Construction Safety Orders of the Division of Industrial Safety, the plan shall be prepared and signed by a registered civil or structural engineer in the State of California. 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 and nothing in this section shall be deemed to allow the use of a shoring, sloping or protective system less effective than that required by the Cal/OSHA Construction Safety Orders of the Division of Industrial Safety Contractor's Working Drawings shall be subject to approval insofar as the details affect the character of the finished Work and for compliance with design requirements applicable to the construction when specified or called for, but details of the design will be left to Contractor who shall be responsible for the successful construction of the Work. The City shall approve Working Drawings before any Work involving such drawings is performed. Approval and/or 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 its registered engineer.

The Contractor shall 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 and shall bear full and exclusive responsibility for any release of hazardous or non-hazardous chemicals or substances during the course of the Work. The Contractor shall immediately report any such release to the City. The Contractor shall be solely responsible for all claims and expenses associated with the response to, removal and remediation of the release, including, without limitation, payment of any fines or penalties levied against the City by any agency as a result of such release and shall defend, indemnify, and save and hold harmless the City, its officers, agents, employees, and volunteers from any claims arising from such release. For purposes of this section only, the term "claims" shall include:

1. All notices, orders, directives, administrative or judicial proceedings, fines, penalties, fees, or charges imposed by any governmental agency with jurisdiction; and
2. Any claim, cause of action, or administrative or judicial proceeding brought against the City, its officers, agents, employees, and volunteers for any loss, cost (including reasonable attorneys' fees), damage or liability, sustained or suffered by any person or entity, including the City.

If the performance of the Work creates any hazardous wastes, those wastes shall be properly disposed of according to federal, state, and local laws, at the expense of the Contractor. The Contractor shall dispose of the wastes under its own EPA Generator Number. In no event shall the City be identified as the generator. The Contractor shall notify the City of any such hazardous wastes and the City reserves the right to a copy of the results of any tests conducted on the wastes, and, at its cost, to perform additional tests or examine those wastes, prior to disposition. The Contractor shall defend, indemnify, and save and hold harmless the City, its

officers, agents, employees, and volunteers from any claims arising from the disposal of the hazardous wastes, regardless of the absence of negligence or other malfeasance by the Contractor. Disposal of all Hazardous Materials must be done in accordance with all laws and regulations. Copies of required regulatory documentation including copies of final manifests shall be supplied to the City.

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 including, but not limited to, California Code of Regulations Section 1529, Title 8.

Nothing in these General Conditions 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.

5-1.08 **SUBSURFACE EXCAVATIONS, NOTIFICATION.** The Contractor shall contact the regional notification center, "Underground Service Alert," and schedule its Work to allow ample time for the center to notify its members and, if necessary, for any member to field locate and mark its facilities. Without limiting the foregoing, the Contractor's attention is directed to Government Code Sections 4216 to 4216.9, and in particular Section 4216.2.

5-1.09 **PUBLIC SAFETY.** The Contractor shall assume all responsibility for public safety during the performance of its Work, and all costs arising therefrom shall be included in the Contract Price. Whenever the Contractor's operations create a condition hazardous to traffic or to the public, it shall furnish, erect and maintain, at its expense, such fences, barricades, lights, signs, and other devices and take such other protective measures as are

necessary to prevent accidents or damage or injury to the public. The Contractor shall establish the pedestrian detours with comparable lighting to the original pedestrian areas. The Contractor shall arrange for such flaggers as are necessary to give adequate warning to traffic or to the public of any dangerous conditions affecting traffic. For Work in a public right-of-way, the Contractor shall comply with the rules and regulations of the State, County, or local agency that owns the right-of-way.

The Contractor shall promptly and fully comply with and carry out, and shall without separate charge therefor to the City, all safety and first aid requirements prescribed by all applicable Federal, State, and local laws and regulations, rules, and orders. The Work shall be done in a safe manner; and the Contractor shall safeguard the safety and health of its employees, Subcontractors, and the people of local communities. The Contractor shall also be reasonable for ensuring that its Subcontractors comply with the provisions of this section.

Upon the failure of the Contractor to comply with any of the requirements of this section, the City shall have the authority, but not the duty, to stop the Work until such failure is remedied. The Contractor shall not be entitled to an adjustment of the Contract Time or an increase in the Contract Price due to any such suspensions.

When required by the Contract Documents, the Contractor shall construct, maintain, and remove detours for use of public traffic, without additional cost to the City, unless separate payment is specified in the Special Provisions.

The failure or refusal of the Contractor to construct and maintain detours at the proper time shall be sufficient cause for closing down the work until such detours are in satisfactory condition for use by public traffic.

Due care shall be exercised to avoid injury to existing improvements or facilities, utility

facilities, adjacent property and trees, shrubs, and other plants that are not to be removed.

Trees, shrubs and other plants that are not to be removed, and pole lines, fences, signs, survey markers and monuments, buildings and structures, conduits, pipe lines, sewer and waterlines, highway facilities, and any other improvements or facilities, under or above ground, that are within or adjacent to the work limit line shall be protected from injury or damage, and the Contractor shall provide and Install suitable safeguards to protect such objects from injury or damage. If such objects are injured or damaged by reason of the Contractor's operations, they shall be replaced or restored at the Contractor's expense. The facilities shall be replaced or restored to a condition as good as when the Contractor entered upon the Work Site, or as good as required by the Contract Documents if any such objects are part of the Work. The City may make or cause to be made such temporary repairs as are necessary to restore to service any damaged facility. The cost of such repairs shall be borne by the Contractor, and the costs may be deducted from any monies due or to become due to the Contractor under the Agreement.

The fact that any underground facilities is not shown on the Contract Drawings shall not relieve the Contractor of its responsibility pursuant to "Utility Facilities" in Section 2-1.12 elsewhere in the Contract Documents. It shall be the Contractor's responsibility, pursuant thereto, to ascertain the location of such underground improvements or facilities, which may be subject to damage by reason of its operations.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the Work involved in protecting or repairing property as specified in this section, shall be considered as included in the prices paid for the various Contract items of work and no additional compensation will be allowed therefor.

5-1.10 **EMERGENCIES.** In an Emergency affecting the safety of life, the

Work, or adjoining property, the Contractor, without special instructions or authorization from the City, shall act at its discretion to prevent such threatened loss or injury. In such an Emergency, the Contractor may perform such additional work as is reasonably required. Any compensation claimed by the Contractor on account of Work performed to an Emergency shall be determined in accordance with the provisions relating to Force Account payment contained elsewhere in the Contract Documents.

5-1.11 **APPRENTICES.** Attention is directed to Labor Code Sections 1777.5, 1777.6 and 1777.7 and Title 8, California Code of Regulations Section 200 et seq. In accordance with Section 1777.5, the Contractor shall secure the necessary certificates and shall contribute to the apprenticeship fund or funds, as provided therein. The Contractor shall require each Subcontractor who will perform work or labor or render service to the Contractor in or about the construction of the work to fully comply with Sections 1777.5 and 1777.6 of the Labor Code. To insure compliance and complete understanding of the law regarding apprentices, and specifically the required ratio thereunder, each Contractor or Subcontractor should, where some questions exist, contact the Division of Apprenticeship Standards, , or one of its branch offices prior to commencement of Work on the public works Contract. Responsibility for compliance with this section lies with the prime Contractor.

It is State and City policy to encourage the employment and training of apprentices on public works Contracts as may be permitted under local apprenticeship standards.

5-1.12 **FAIR LABOR STANDARDS ACT.** Attention is invited to the fact that the City has been advised by the Wage and Hour Division, U.S. Department of Labor, that Contractors engaged in construction Work are required to meet the provisions of the Fair Labor Standards Act of 1958 and as amended (52 Stat. 1060).

5-1.13 **WORKERS' COMPENSATION.** Pursuant to the requirements of Labor Code Section 1860, the Contractor will be required to secure the payment of workers' compensation to its employees in accordance with the provisions of Labor Code Section 3700.

Prior to the commencement of Work, the Contractor shall sign and file with the Director a certification in the following form:

“I am aware of the provisions of Labor Code Section 3700 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.”

5-1.14 **AIR POLLUTION CONTROL AND ASBESTOS.** The Contractor shall comply with all air pollution control rules, regulations, ordinances and statutes which apply to any Work performed pursuant to the Contract, including any air pollution control rules, regulations, ordinances and statutes, specified in Government Code Section 11017.

In the absence of any applicable air pollution control rules, regulations, ordinances or statutes governing solvents, all solvents, including but not limited to the solvent portions of paints, thinners, curing compounds, and liquid asphalt used on the project shall comply with the applicable material requirements of the applicable Air Quality Management District. All containers of solvent, paint, thinner, curing compound, or liquid asphalt shall be labeled to indicate that the contents fully comply with said requirements.

Unless otherwise provided in the Supplemental Conditions, material to be disposed of shall not be burned, either inside or outside the Premises.

The Contractor shall also 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, 40 C.F.R. Part 61, Subpart M, and California Code of Regulations Section 1529, Title 8.

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.

5-1.15 **USE OF PESTICIDES.** The Contractor shall comply with all local, state and federal rules and regulations of the Department of Food and Agriculture, the Department of Health, the Department of Industrial Relations and all other agencies which govern the use of pesticides required in the performance of the Work.

Pesticides shall include but shall not be limited to herbicides, insecticides, fungicides, rodenticides, germicides, nematocides, bactericides, inhibitors, fumigants, defoliants, desiccants, soil sterilants, and repellents.

Any substance or mixture of substances intended for preventing, repelling, mitigating, or destroying weed, insects, diseases, rodents, or nematodes and any substance or mixture of substances intended for use as a plant regulator, defoliant or desiccant shall be considered as pesticide.

5-1.16 **SOUND AND LIGHT CONTROL REQUIREMENTS.** The Contractor shall comply with all local sound control, light control, and noise level rules, regulations and ordinances which apply to any Work performed pursuant to the Contract. Work shall not begin before 7 a.m. nor occur after 7 p.m., unless otherwise permitted by the City.

Each internal combustion engine, used for any purpose on the Work or related to the Work, shall be equipped with a muffler, in good working order, of a type recommended by the manufacturer. No internal combustion engine shall be operated on the project without said

muffler.

5-1.17 **WEIGHT LIMITATIONS.** Unless expressly permitted elsewhere in the Contract Documents, the Contractor shall not operate construction equipment or vehicles of any kind which, laden or unladen, exceed the maximum weight limits set forth in Division 15 of the Vehicle Code over completed or existing base, surfacing, pavement or structures.

5-1.18 **ENVIRONMENTAL CLEARANCES; MITIGATION
MONITORING PROGRAMS; AND REGULATORY AGENCY PERMIT**

REQUIREMENTS. The Department will obtain all environmental clearances and other authorizations necessary for this project as set forth in the Contract Documents. The Contractor shall comply with the provisions, including giving notices during construction when required, of said authorizations. In the event the obtaining of said authorizations delays completion of all or any portion of the Work, an extension of time determined pursuant to the provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions will be granted.

Contractor shall comply with: (1) all mitigation identified in the mitigation monitoring program (attached to and adopted as a component of the mitigated negative declaration or Environmental Impact Report) to mitigate impacts to protected natural resources; and (2) all related permit requirements issued by the regulatory agencies authorizing the project. Contractor shall defend, indemnify, and save and hold harmless the City, its officers, agents, employees, and volunteers from any fines, claims, suits, actions or regulatory sanctions of every name, kind and description brought forth, or on account of, damage to protected natural resources from or arising out of Contractor's negligence or willful misconduct in the performance of this Agreement.

5-1.19 **PERMITS AND LICENSES.** The Contractor acknowledges and agrees that, prior to the submission of its bid for the Work, it fully familiarized itself with the

requirements of all applicable federal, state, county and municipal laws, codes, rules, and regulations, as well as the conditions of any required licenses and permits.

The Contractor shall procure all permits and licenses, including any applicable building permits (except those procured or to be procured by the City which are listed elsewhere in the Contract Documents), in coordination with the Director, pay all charges and fees, and give all notices necessary and incident to the due and lawful prosecution of the Work. Contractor shall be responsible for applying, paying all fees, and coordination for obtaining all permits for completion of the Work. All permits and licenses shall be obtained in sufficient time to prevent delays to the Work. Contractor will apply to the City for reimbursement for such permits costs. Accordingly, Contractor should not include the anticipated costs for permits in its bid, as the necessary permit costs will be reimbursed by the City.

The California Environmental Quality Act (Public Resources Code, Section 21000 to 21177) may be applicable to permits, licenses and other authorizations which the Contractor must obtain from State or local agencies in connection with performing the Work. The Contractor shall comply with the provisions of that Act in obtaining such permits, licenses and other authorizations, and all permits, licenses and other authorizations shall be obtained in sufficient time to prevent delays to the Work.

The Contractor shall maintain the applicable Contractor's license as identified in the Notice to Contractors and City business license for the duration of the Work.

5-1.20 **WATER POLLUTION.** The Contractor shall comply with all water pollution control rules, regulations, ordinances and statutes which apply to any Work performed pursuant to the Contract, including any water pollution control rules, regulations, and statutes, specified by the most current State of California NPDES General Permit for Stormwater

Discharges Associated with Construction Activity.

The Contractor shall take all necessary precaution to protect streams, vernal pools, ponds, reservoirs, and lakes from pollution with fuels, oils, bitumen, calcium chloride, and other harmful materials as consistent with the law. Also, the Contractor shall conduct and schedule operations so as to avoid discharging pollutants, such as but not limited to: sediment and silt to the storm drain system. The storm drain system consists of all facilities that are designed to convey stormwater to the Waters of the State as defined in the California Water Code. The storm drain system includes, but is not limited to, all streets, gutters, drain inlets, roadside ditches, streams, vernal pools, ponds, and lakes. Care shall be exercised to preserve roadside vegetation beyond the limits of construction.

5-1.21 **PROTECTION AND USE OF PROPERTY.** The Contractor shall be responsible for and provide and maintain all proper temporary walkways, covered walkways, barriers, roads, guards, railings, lights, warning signs, and take precaution at all times to avoid injury or damage to any person or any property, and upon completion of the Work, or at other times as directed, restore Premises and adjacent property to a proper condition. In the event of such injury or damage, Contractor shall report such injury and damage to City within forty-eight (48) hours of occurrence.

The Contractor shall protect adjoining property and nearby buildings, including City buildings, City roads, and public streets or roads, from dust, dirt, debris, or the nuisance arising out of the Contractor's operations or storage practices, and, if ordered by the Director, the Contractor shall provide and Install suitable safeguards, approved by the Director, to protect such objects from damage. If such objects are damaged by reason of the Contractor's operations, they shall be replaced or restored at the Contractor's expense.

If the Contractor damages any buildings, roads, utilities, or other property which belong to the City, or any Department or agency thereof, then the Director, at his or her option, may retain from the money due under the Contract an amount sufficient to insure repair of the damage.

The Director may make or cause to be made such temporary repairs as are necessary to restore to service any such damaged facility. The cost of such repairs shall be borne by the Contractor and may be deducted from any moneys due or to become due the Contractor under the Contract.

5-1.22 **RESPONSIBILITY FOR DAMAGE AND INDEMNIFICATION.**

The City of Roseville, its officers, agents, employees, and volunteers, including but not limited to the Director and his or her designee, 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 other 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, its workers, or anyone employed by the Contractor or the Contractor's 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 and hold harmless the City, and its respective officers, agents, Subcontractors, employees, and volunteers, and the successors and assigns of

any of them, (hereinafter referred to as "Indemnitees") from and against all claims, demands, liability, suits, actions, costs or expenses for any and all loss or damage, including but not limited to, personal injury, property damage, or economic loss, arising out of or resulting from allegations of (1) Contractor's use of the City's property or any activities or Work performed hereunder by the Contractor; (2) the Contractor's performance of the Work under the Agreement; or (3) the Contractor's breach of any provision of the Agreement. The duty of the Contractor to indemnify and save harmless includes the duties to defend as set forth in Civil Code Section 2778. The only exception to these provisions is that the Contractor's obligations under this section will not apply to the extent that the claims, demands, liability, suits, actions, costs or expenses are caused by Indemnitees' active negligence, willful misconduct, criminal acts, or for defects in design furnished by the Indemnitees, misconduct, criminal acts, or for defects in design furnished by the Indemnitees.

The Contractor waives any and all rights to any type of express or implied indemnity against the City, its officers, agents, employees, or volunteers.

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.

Any person, firm or corporation that Contractor authorizes to Work on the City's property including Subcontractors, shall be deemed to be an agent of the Contractor for purposes herein, shall be subject to all the applicable terms herein, and shall be within the scope of the Contractor's indemnity obligation described herein.

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 Department 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) 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 7-1.07, "Progress Payments," of these General Conditions.

C. If the City has 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 matter for which such retention was made, the Department shall be liable for interest on the amount retained at the legal rate of interest for the period of such retention.

5-1.23 **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 (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.

5-1.24 **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.

5-1.25 **THIRD PARTY BENEFICIARY.** No provisions in the Contract Documents shall in any way inure to the benefit any third party (including the public at large or any member thereof) so as to constitute such person a third party beneficiary of the Contract, or of any term or condition or other provision of the Contract or otherwise give rise to any cause of action in any person not a party to the Agreement, except as expressly provided elsewhere in the Contract Documents.

5-1.26 **COORDINATION AND ACCESS.** The Contractor acknowledges that the City may award, or has already awarded, other construction contracts for additional work or may perform additional work with its own forces and that such work may affect the Work under this Agreement. Additionally, the Contractor acknowledges that the State and other public and private agencies may be granted a right-of-entry by the City for the purpose of constructing

facilities within and adjacent to the Work Site. It is the obligation of the Contractor to coordinate its Work with the work of others working within or adjacent to the City's property.

During performance of its Work, the Contractor shall not have exclusive access to or use of the work areas. The City may also require that certain facilities and areas be used concurrently by the Contractor and by other contractors working in the area. When two (2) or more contractors are employed on related or adjacent City work, each shall conduct its operations in such a manner as not to cause any unnecessary delay or hindrance to the other. Each contractor shall be responsible to the other for all damage to any work, to persons or property caused to the other by its operations, and for loss caused the other due to any unnecessary delays or failure to finish the work within the time specified for completion.

If any party of the Contractor's Work depends on the work of any other contractor and/or the City for proper execution and/or results, the Contractor shall promptly notify the City of any discrepancies and/or defects in said other work that would render its work unsuitable for proper execution and/or results prior to proceeding with the Contractor's own Work. If it becomes necessary, the City will resolve coordination and access problems.

The Contractor and its representative in charge of the Work shall familiarize themselves with the City's property and Work Site, and adjacent surroundings in the vicinity of said Work, and any private or public operations on adjoining properties.

5-1.27

OCCUPANCY BY THE DEPARTMENT PRIOR TO

ACCEPTANCE. The City may at any time notify the Contractor in writing that it intends to take Beneficial Occupancy of any portion of the Work even though the Work may not be substantially complete. Unless the reason for the City's taking Beneficial Occupancy is that the Contractor has not completed the Work (or portions thereof) in accordance with the Contract

Time, the City's Beneficial Occupancy shall relieve the Contractor from its responsibility for maintenance, loss or damage to that portion of the Work for which the City has taken Beneficial Occupancy other than that resulting from the Contractor's act or omission, negligence, willful misconduct or breach of warranty.

Should the Work (or portion thereof) not be completed in accordance with the Construction Schedule within the Contract Time (as adjusted under the terms of the Contract Documents), the City shall have the right, but not the obligation, to take Beneficial Occupancy of the Work. In such event, the Contractor shall not be entitled to any additional compensation on account of said occupancy by the City, nor shall the Contractor be relieved of any of its responsibilities under the Contract Documents, including, without limitation, Contractor's obligation to complete the Work in accordance with the Construction Schedule.

Beneficial Occupancy shall not be deemed an Acceptance by the City either of the Work or of any portion thereof, nor will it relieve the Contractor of full responsibility for correcting defective Work or materials found at any time before the formal written Acceptance of the entire Contract by the Director or during the full warranty period after such Acceptance, as provided in Section 7-1.12, "Warranty," of these General Conditions.

The City's Beneficial Occupancy shall not relieve the Contractor of its responsibility to maintain all insurance and bonds required under the Contract Documents until the entire project is accepted by the City.

5-1.28 **RIGHT TO OPERATE UNSATISFACTORY FACILITIES AND EQUIPMENT.** If, after Installation, the operation or use of the facilities or equipment to be furnished under this Contract proves to be unsatisfactory to the Director, the City shall have the right to operate and use such facilities or equipment until they can, without damage to the City,

be taken out of service for correction or replacement. Such period of use of the defective facilities or equipment, pending correction or replacement, shall in no way decrease the warranty period required for the acceptable corrected or replaced facilities or equipment.

5-1.29 **CONTRACTOR'S RESPONSIBILITY FOR THE WORK.** Except as otherwise provided herein, the Contractor shall have the charge and care of the Work and shall bear the risk of injury or damage to any part of the Work by the action of the elements or from any other cause whether arising from the execution or from the nonexecution of the Work until the Acceptance of the Contract by the Director. The Contractor shall rebuild, repair, restore, and make good all injuries or damages to any portion of the Work occasioned by any cause before its completion and Acceptance, and shall bear the expense thereof. In case of suspension of Work from any cause whatever, the Contractor shall be responsible for the Work and it shall also be responsible for all materials, and shall properly store them if necessary, and shall provide suitable drainage and erect temporary structures where necessary.

The Contractor will be relieved of responsibility for any injury or damage to the Work caused by the following:

- A. An earthquake in excess of a magnitude of 3.5 on the Richter Scale or a tidal wave, when the effect of such has been proclaimed a disaster or state of emergency by the Governor of the State of California or by the President of the United States, or was of such magnitude at the site of the Work as to have been sufficient to have caused a proclamation of disaster or state of emergency, had it occurred in a populated area.
- B. Occupancy and use by the Department or the public prior to the completion of the entire project.
- C. Acts of the Federal Government or the public enemy.

5-1.30 **RESPONSIBILITY FOR UTILITIES.** The Contractor shall be responsible at its own cost for any and all Work, expense or special precautions caused or required by the existence or proximity of utilities encountered in performing the Work, including without limitation, repair of any or all damage and all hand or exploratory excavation required. The Contractor is cautioned that such utilities may include communication cables or electrical cables which may be high voltage, and when working or excavating in the vicinity of such cables, or the ducts enclosing such cables, the Contractor shall undertake at its own cost any special precautions required. Suitable warning signs, barricades, and safety devices shall be erected as necessary or required.

However, if during the course of the Work the Contractor encounters utility Installations which are not shown or indicated in the Contract Documents or which are found in a location substantially different from that shown, and such utilities are not reasonably apparent from visual examination, then the Contractor shall promptly notify the Director in writing. Where necessary for the Work of the Contract, the Director shall issue a written order to the Contractor to make such adjustments, rearrangement, repair, removal, alteration, or special handling of such utility, including repair of the damaged utility. The Contractor shall perform the Work described in such written order, and compensation therefor will be made in accordance with Section 3 of these General Conditions relating to changes in the Work. Except for the items of cost specified in said Section 3, the Contractor shall receive no compensation for any other cost, damage, delay, interference, or hindrance to him or her due to the presence of such utility. If the Contractor fails to give the notice specified above and thereafter acts without instructions for the Director, then the Contractor shall be liable for any or subsequent to discovery thereof, and the Contractor shall repair and make good such damage at its own cost.

The precise location of underground facilities can only be determined by careful probing or hand digging in compliance with Article 6 of the Cal/OSHA Construction Safety Orders which states in part:

“Prior to opening an excavation, effort shall be made to determine whether underground installations, i.e., sewer, water, fuel, electric lines, etc., will be encountered, and if so, where such underground installations are located. When the excavation approaches the approximate location of such an installation, the exact location shall be determined by careful probing or hand digging, and, when it is uncovered, adequate protection shall be provided for the existing installation.”

The location of known existing utilities and pipelines are shown on the Contract Drawings in their approximate locations. Some of the locations include multiple conduits. The Contractor shall exercise care in avoiding damage to those facilities which are to remain in service subsequent to the construction of the particular new facility involved and the Contractor will be held responsible for any repairs if damaged. The Contractor shall also exercise care in maintaining those pipes and facilities required for continuing operation of the existing facilities until such time as they can be abandoned. There is no guarantee that all utilities or obstructions are shown on the Contract Drawings or that the locations indicated are accurate.

The Contractor shall exercise extreme caution in working in the area adjacent to the existing pipelines and utility services. It is essential that all the existing facilities be maintained in service. Construction of the connections between the existing facilities and the new facilities shall be at times and during periods acceptable to the City. The Contractor shall advise the Director in writing of its proposed Construction Schedule for these connections at least forty-eight (48) hours in advance.

The Contractor shall uncover all piping and conduits, to a point one foot (1') below the pipe, where crossings, interferences, or connections are shown on the Contract Drawings, prior to trenching or excavating for any pipe or structures, to determine actual elevations. New pipelines shall be laid to such grade as to clear all existing facilities which are to remain in service. If the Contractor does not expose all required utilities, it shall not be entitled to additional compensation for Work necessary to avoid interferences nor for repair to damaged utilities. Excavations around underground electrical ducts and conduits shall be performed using extreme caution to prevent injury or damage to workers and to the electrical ducts or conduits.

5-1.31 **PROPERTY RIGHTS IN MATERIALS.** Nothing in the Contract shall be construed as vesting in the Contractor any right of property in the materials used after they have been attached or affixed to the Work or soil or after partial payment has been made as provided in Section 7-1.07, "Progress Payments," of these General Conditions for material delivered on the ground or stored subject to or under the control of the City and unused. All such material shall become the property of the City upon being so attached or affixed or upon payment for materials delivered on the ground or stored subject to or under the control of the City and unused, as provided in said Section 7-1.07.

5-1.32 **COURT ORDERED DELAY.** If, pursuant to court order, the Department temporarily suspends performance of all or any portion of the Work, an extension of time determined pursuant to the provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions will be granted.

5-1.33 **NO PERSONAL LIABILITY.** Neither the Director, nor any other officer or authorized employee of the City, shall be personally responsible for any liability arising under or by virtue of the Contract.

5-1.34 **RIGHTS IN LAND AND IMPROVEMENTS.** The Contractor shall make no arrangements with any person or entity to permit occupancy or use of any land, structure or building within the limits of the Work, for any purpose whatsoever, either with or without compensation, in conflict with any agreement between the City and any third party owner, former owner, or tenant of such land, structure or buildings. The Contractor shall not occupy City-owned property outside the limit of the Work shown on the Contract Drawings unless it obtains prior approval.

5-1.35 **ANTITRUST CLAIMS.** The Contractor's attention is directed to the following provision of Public Contract Code Section 7103.5(b), which is applicable to the Contractor and its Subcontractors:

“ In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the contractor or subcontractor offers and agrees to assign to the awarding body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the awarding body tenders final payment to the contractor, without further acknowledgement by the parties.”

5-1.36 **RIGHTS TO DRAWINGS, TECHNICAL DATA PATENTS.** Shop

Drawings and Working Drawings submitted to the City by the Contractor, Subcontractor or any lower tier Subcontractor pursuant to the Agreement, are the property of the City and the City may use, and disclose in any manner and for any purpose, Shop Drawings and Working Drawings delivered under the Contract.

Technical Data including manuals or instructional materials, computer or microprocessor software which are delivered or submitted to the City by the Contractor, Subcontractor, or any lower tier Subcontract pursuant to the Contract are the property of the City, and the City may use or disclose same in any manner and for any purpose.

The Contractor shall assume all costs arising from the use of patented materials, equipment, devices, or processes used on or incorporated in the Work, and shall defend, indemnify and save and hold harmless the City, and its duly authorized representatives, from all suits at law, or in equity, and actions of every nature for, or on account of the use of any patented materials, equipment, devices or processes. In case some materials, equipment, devices or processes are held to constitute an infringement and their use enjoined, the Contractor, at its expense, shall:

1. Secure for the City the right to continue using said materials, equipment, devices or processes by suspension of the injunction or by procuring a license or licenses; or
2. Replace such materials, equipment, devices, processes; or
3. Modify them so that they become non-infringing or remove the enjoined materials, equipment, devices or processes and refund the sums paid therefor without prejudice to any other rights of the City.

5-1.37 **PAYMENT OF TAXES.** Contractor shall pay all taxes and duties applicable to and assessable against any Work, equipment, materials, services, processes, and

operations incidental to or involved in the Agreement, including but not limited to, retail sales and use, transportation, export, import, business, and special taxes. The Contractor is responsible for ascertaining and acquainting itself with such taxes and making all necessary arrangements to pay them. The Contractor will maintain records that are auditable records, and these records shall be subject to the City's review to verify that Contractor's tax payments are current at all times.

The Contract Price paid for the Work shall include full compensation for all taxes which the Contractor is required to pay, whether imposed by Federal, State or local government, including, without being limited to, Federal excise tax. No tax exemption certificate nor any document designed to exempt the Contractor from payment of any tax will be furnished to the Contractor by the Department, as to any tax on labor, services, materials, transportation, or any other items furnished pursuant to the Contract.

The Contractor shall withhold and pay any and all sales and use taxes, withholding taxes, whether Federal, State, or local, Social Security taxes, State Unemployment Insurance charges and all other taxes which are now or hereafter may be required to be paid or withheld under any laws.

5-1.38 **GRATUITIES AND CONFLICT OF INTEREST.** The Contractor shall not offer or provide gratuities in the form of gifts, entertainment, loans, meals, rewards, and/or services to representatives of the City, including but not limited to, officers, employees, agents, Engineering Service Consultants, Consulting Engineers and Architects, Inspectors and/or Testing Agencies retained by the City. If it is found that the Contractor has violated this provision, the Contract may be subject to termination for default as defined elsewhere in these General Conditions.

During the term of the Contract and until the final payment has been made to the Contractor, the Contractor shall not employ or compensate in any manner whatsoever, the City's officers, employees and authorized representatives, agents, and any Engineering Service Consultants, Consulting Engineers and Architects, Inspectors, and/or Testing Agencies retained by the City. Any exception to the employment or compensation to any of the above named parties must be made in writing by the City. If the Contractor offers or provides employment or compensation to those named above during the term of the Contract, the Contract may be subject to termination for default.

5-1.39 **COOPERATION.** Should construction be under way by City forces or other forces or by other Contractors within or adjacent to the limits of the Work or should Work of any other nature be under way by such forces within or adjacent to said limits, the Contractor shall cooperate with all such forces to the end that any delay, interference or hindrance to their Work will be avoided. The right is reserved to perform other or additional Work at or near the site at any time, by the use of such forces.

5-1.40 **DIGGING TRENCHES OR OTHER EXCAVATIONS.** In the event any work involves digging trenches or other excavations that extend deeper than four feet (4') below the surface, City and Contractor shall comply with the following:

A. The Contractor shall promptly, and before the following conditions are disturbed, notify City in writing of any:

1. Material that the Contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.

2. Subsurface or latent physical conditions at the site differing from those made available to Contractor for inspection as provided in the project proposal.

3. Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in Work of the character provided for in the Contract.

B. The City shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the Contractor's cost of, or the time required for, performance of any part of the Work shall issue a Change Order under the procedures described in the Contract.

C. In the event that a dispute arises between the City and the Contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of the Work, the Contractor shall not be excused from any scheduled completion date provided for by the Contract, but shall proceed with all work to be performed under the Contract. The Contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between the contracting parties. However, no claim of the Contractor under this clause shall be allowed unless the Contractor has given the notice required by this Section. No claim by the Contractor for an equitable adjustment hereunder shall be allowed if asserted after final payment under this Contract.

5-1.41 **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, the Contractor and its subcontractors shall have a continuing legal obligation to maintain current

registration with the Department of Industrial Relations. The Contractor is hereby notified that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

5-1.42 **CITY OF ROSEVILLE ENCROACHMENT PERMITS AND RIGHTS-OF-WAY.** 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 and City Engineer.

To the extent indicated in the Contract Drawings, the City will provide the rights-of-way over private lands or the site to enable the Contractor to perform its work. The Contractor shall be solely responsible for securing any additional rights-of-way desired by the Contractor. The City will not be a party to nor assume any liability for any separate agreements reached between the Contractor and any third parties with respect to these additional rights-of-way. The Contractor shall procure evidence that agreements are in place with said third parties before the Contractor uses those areas covered by the agreements. Any damage to such private lands caused by the Contractor's operations shall be the sole responsibility of the Contractor.

5-1.43 **CALIFORNIA AIR RESOURCES BOARD REGULATIONS.** The Contractor shall comply with any applicable regulations of the California Air Resources Board ("CARB") set forth below.

A. **In-Use Off-Road Diesel-Fueled Fleets.** If the Contractor will use vehicles subject to Cal. Code Regs., tit. 13, §§ 2449 et seq. for the project, it shall submit a valid

Certificate of Reported Compliance to the City as provided in § 2449(n).

B. Advanced Clean Fleets. Pursuant to Cal. Code Regs., tit. 13, § 2013(i)(1), the Contractor shall submit to the City either a signed statement stating that it is not subject to the High Priority and Federal Fleets regulation of title 13, CCR section 2015 through 2015.6, or a document evidencing that it is listed on the CARB Advanced Clean Fleets webpage as a compliant fleet.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 6
PROSECUTION AND PROGRESS

6-1.01 **SUBLETTING AND SUBCONTRACTING.** The Contractor shall be responsible for all Work performed under the Contract. The Contractor shall give its personal attention to the fulfillment of the Contract and shall keep the Work under its control. Nothing in the Contract Documents shall create any contractual relationship between the City and any Subcontractor. The Contractor is fully responsible to the City for the acts and omissions of its Subcontractors of any tier. When any Subcontractor fails to prosecute a portion of the Work in a manner satisfactory to the Director, that Subcontractor shall not again be employed on the Work. Although the sections of the Contract may be arranged according to various trades, or general grouping of the Work, the Contractor is not obligated to sublet the Work in such manner. The Director will not arbitrate disputes among Subcontractors or between Contractor and one or more Subcontractors concerning responsibility for performing any part of the Work.

The on-site production of materials produced by other than the Contractor's own forces shall be considered as subcontracted. The erection, establishment or reopening of on-site plants for production of materials and the operation thereof in the production of materials for use on the Work shall conform to the requirements relating to labor set forth in the Contract Documents.

The Contractor shall also be responsible for coordinating the Work performed by Subcontractors and Suppliers.

The Contractor shall not substitute any person as Subcontractor in place of a Subcontractor listed on its bid proposal without the written approval of the Director. Substitutions must be in accordance with the provisions of the "Subletting and Subcontracting

Fair Practices Act” beginning with Public Contract Code Section 4100. Violations of this Act by the Contractor may subject it to penalties which may include cancellation of Contract, Assessment of ten percent (10%) of the Subcontractor's bid, and disciplinary action by the Contractors State License Board.

The Contractor shall pay any Subcontractors approved by the City for work that has been satisfactorily performed no later than seven (7) Days from the date of Contractor's receipt of progress payments by the City. Within seven (7) Days after receipt from the City of funds attributable to work performed by a Subcontractor, Contractor shall release any retainage payments withheld to the Subcontractor. In the event Contractor does not make progress payments or release retention to Subcontractors in accordance with the time period specified herein, Contractor may be subject to prompt payment penalties per statute.

6-1.02 **ASSIGNMENT.** The performance of this Contract may not be assigned, except upon the written consent of the City Council of the City of Roseville. Consent will not be given to any proposed assignment which would relieve the original Contractor or its surety of their responsibilities under the Contract nor will the City consent to any assignment of a part of the Work under the Contract.

The Contractor may assign moneys due or to become due to it under the Contract and such assignment will be recognized by the City, if given proper notice thereof, to the extent permitted by law, but any assignment of moneys shall be subject to all proper set-offs in favor of the City and to all deductions provided for in the Contract and particularly all money withheld, whether assigned or not, shall be subject to being used by the City for the completion of the Work in the event that the Contractor should be in default therein.

6-1.03 **BEGINNING OF WORK.** After the execution of the Contract by both

parties, the City will issue the Notice to Proceed upon its determination that it is appropriate for the Contract Time to commence.

The Contractor shall begin Work within fifteen (15) Days after receiving the Notice to Proceed from the Director, subject to the requirements stated elsewhere in the Contract Documents regarding, among other things, the submittal of Baseline Schedule, and shall diligently prosecute the same to completion within the time limit provided in the Supplemental Conditions. Contractor shall also achieve any and all Contract milestones as described elsewhere in the Contract Documents.

The Contractor shall notify the Director, in writing, of its intent to begin Work at least seventy-two (72) hours before Work is begun. The notice shall be delivered to the Director and shall specify the date the Contractor intends to start. If the project has more than one (1) location of Work, a separate notice shall be given for each location.

The Contractor is not authorized to perform any Work until it has received a Notice to Proceed from the City. Should the Contractor begin Work in advance of receiving notice that the Contract has been approved as above provided, any Work performed by it in advance of the said date of approval shall be considered as having been done by the Contractor at its own risk and as a volunteer unless said Contract is so approved thereafter.

6-1.04 **PROGRESS SCHEDULE.**

A. **Preliminary Progress Schedule.** The Contractor shall submit to the Director, within twenty (20) Days after date of the Notice to Proceed, a Preliminary Progress Schedule covering the Contractor's activities over the first three (3) months of operation in detail and the remainder of the project in summary. The Preliminary Progress Schedule shall schedule the project within the Contract Time for completion of the Work, and shall be subject to

favorable review by the Director.

B. CPM Schedule. The Contractor shall submit an acceptable Critical Path Method (CPM) Schedule to the Director within thirty (30) Days after the receipt of the Notice to Proceed. Subsequent revisions to said schedule shall be submitted as set forth hereinafter. The requirement for the CPM schedule is included to allow for adequate planning and execution of the Work, to determine the critical nature of delays, and to assist the Director in appraising the reasonableness of the proposed schedule and evaluating progress of the Work. The CPM schedule submitted under this Section shall utilize a CPM format, either the precedence or arrow diagramming method. The definitions of CPM terms and functions shall be as provided in the Associated General Contractors of America book *CPM in Construction, A Manual for General Contractors*, or a favorably reviewed alternative publication or reference. No progress payment will be made prior to submission and acceptance of the CPM Schedule.

1. The CPM schedule system shall consist of diagrams and accompanying mathematical analyses. The diagrams shall show elements of the project in detail and an entire project summary. Diagrams shall show the order and interdependence of activities and sequence in which the Work is to be accomplished as planned by the Contractor. The basic concept of a network analysis diagram shall be followed to show how the start of a given activity is dependent on the completion of preceding activities and its completion restricts the start of following activities. Detailed network activities shall include, in addition to construction activities, the submittal and favorable review of samples of material and Shop Drawings, the procurement of critical materials and equipment, fabrication of special material and equipment, and their Installation and testing. All activities of the City and the Director that affect progress and required Contract dates for completion of all or parts of the Work shall be shown. The

selection and number of activities shall be subject to favorable review by the Director. Summary networks shall be time scaled. Durations shall be in Days and shall not exceed fifteen (15) Days, except for submittal and delivery items. Where the duration of continuous Work exceeds fifteen (15) Days, Work items in the Construction Schedule shall be subdivided by location, approximate stationing or other sub-element of the Work.

The graphic network diagram shall include for each activity, the description, activity number, the estimated duration in Days, and all activity relationship lines. The network diagram shall be drawn for the early start of activities. All significant Submittals shall be scheduled along with manual Submittals and training on all large or critical pieces of equipment. If the precedence technique is utilized, the schedule project shall include a calendar in Work Days, a network report sorted by early start and a logic table report sorted by preceding Work item. If the arrow technique is utilized, the schedule report shall include a calendar in Work Days, a network report sorted by early start, a network report sorted by I-J numbers, and a network sorted by slack time and I-J numbers.

2. The critical path shall be shown on all reports and on the graphic network diagram. The activities which constitute the critical path shall be identified.

3. The mathematical analysis of the network diagram shall include a tabulation of each activity. The following information shall be furnished as a minimum for each activity:

- (a) preceding and following event numbers
- (b) activity description and number
- (c) estimated duration of activities
- (d) earliest start date (by calendar date)

- (e) earliest finish date (by calendar date)
- (f) actual start date (by calendar date)
- (g) actual finish date (by calendar date)
- (h) latest start date (by calendar date)
- (i) latest finish date (by calendar date)
- (j) slack or float
- (k) percentage of activity completed

4. The program shall be capable of accepting revised completion dates as modified by approved time adjustments and recomputations of all tabulation dates and float accordingly.

5. Submission and review of the system shall be as follows:

(a) The complete network analysis system, consisting of the detailed network mathematical analysis and network diagrams, shall be submitted within thirty (30) Days after receipt of the Notice to Proceed.

(b) The Contractor shall participate in a review and evaluation of the proposed network diagrams and analysis by the Director. Any revisions necessary as a result of this review shall be resubmitted for review by the Director within ten (10) Days. When completed, the favorably reviewed schedule shall then be the schedule to be used by the Contractor for planning, organizing and directing the Work and for reporting progress. If the Contractor thereafter desires to make significant changes in its method of operating and scheduling, the Contractor shall notify the Director in writing stating the reasons for the change.

(c) The Contractor shall submit at monthly intervals a report of the actual construction progress. Each monthly report shall cover a period of approximately thirty

(30) Days ending around the 20th of each month. The monthly reports shall be submitted within ten (10) Days of the end of the reporting period.

(1) If the project is proceeding on schedule, the monthly update report may consist of a marked-up copy of the graphical network diagram. This submittal shall clearly indicate the status of any minor shifts in sequence or schedule and the estimated completion date or percent complete of all activities currently in progress. The Contract completion date shall also be indicated. The Contractor shall submit a narrative report relating to status of construction, the schedule, and factors which may affect the remainder of the schedule. The report shall show the activities or portions of activities completed during the reporting period. The report shall state the percentage of the Work actually completed and scheduled as of the report date and the progress along the critical path in terms of Days ahead or behind the allowable dates.

(2) If, in the opinion of the Director, the project is behind schedule, the monthly report shall include a revised network diagram and/or mathematical analysis showing the Contractor's proposed revised schedule. An analysis of the effect that the delay has on progress along other paths shall also be included in the report. The Contractor shall also submit a narrative report with each updated analysis which shall include but not to be limited to a description of current and anticipated problem areas, delaying factors and their impact, and an explanation of corrective actions taken or proposed.

(3) Periodic report shall be submitted in sufficient copies to cover Contractor needs plus five (5) copies and an available electronic copy to be retained by the Director.

6. To the extent that the favorably reviewed initial Construction Schedule, or revisions thereto, indicate anything not jointly agreed upon, it shall be deemed to be not favorably reviewed by the Director. Any omission of Work from the detailed schedule, otherwise required for Contract compliance, will not excuse the Contractor from completing such Work within any applicable completion date. The CPM schedule shall be generated by computer methods.

C. Schedule Review. Once each month, on a date mutually agreed upon, but no later than seven (7) business days after the monthly schedule progress report date, a Work Site meeting will be held to review the Construction Schedule and job progress. The Contractor shall also attend weekly meetings scheduled by the Director to review the progress of the Work in the preceding week and in the subsequent week, coordinate the Work with public agencies or other Contractors as required, and allow the Director to plan his or her activities for testing, inspection, etc.

D. Schedule Revisions. The conditions under which the Director will require revisions of the Construction Schedule include the following:

1. When delay in completion of any Work item or sequence of Work items results in an estimated extension of project completion by either twenty (20) business days or by ten percent (10%) of the remaining duration of time to complete the Contract, whichever is less.

2. When delays in Submittals or deliveries make replanning or rescheduling of the Work necessary.

3. When the schedule does not represent actual prosecution and progress of the Work.

4. When any change to the sequence of activities, the completion date for major portions of the Work, or when changes occur which affect the critical path.

5. When Contract Amendments or a Change Order necessitates schedule revision, the Contractor shall submit a schedule analysis of all Change Order Work with its proposal.

E. Cash Flow Projection. A cash flow projection shall be submitted with the Construction Schedule. This cash flow projection shall be revised and resubmitted when revisions of the Construction Schedule will result in changes to the projected cash flow.

F. Schedules showing project completion dates earlier than specified in the Supplemental Conditions will be rejected unless justification can be provided for early completion.

6-1.05 **SCHEDULE OF VALUES.** Prior to preparation of the first estimate for a progress payment, the Contractor shall submit for favorable review by the Director a detailed Schedule of Values or cost breakdown of the Work under each bid item awarded. The breakdown will then become the basis for partial payment determination. Elements of Work shall be grouped by structure, pipeline, system, etc. Within each grouping, Work should be itemized by readily measurable quantities of Work complete in place. For example, concrete should be in units of cubic yards including form Work and reinforcing steel. Move-on costs, bond and insurance costs, and Overhead costs shall not be considered an item of cost for this purpose but shall be prorated over items of Work. In the event the Schedule of Values is not favorable reviewed by the Director, another Schedule of Values shall be submitted that is mutually acceptable to the Contractor and the Director.

6-1.06 **CITY'S RIGHT TO STOP WORK.** The Director shall have the

authority to order the Contractor, in writing, to suspend the Work wholly or in part, for such period as the Director may deem necessary due to the failure on the part of the Contractor to correct Work that is not in accordance with the requirements of the Contract Documents or if Contractor persistently fails to carry out Work in accordance with the Contract Documents.

The Contractor shall immediately comply with the written order of the Director to suspend the Work wholly or in part. The suspended Work shall be resumed when conditions are favorable and methods are corrected, as ordered or approved in writing by the Director.

Any stoppage of work under this section shall be at the Contractor's sole expense, and the Contractor shall have no claim against the City based on the Contractor's failure to perform the Work in accordance with the Contract Documents.

In addition to the City's right to stop Work, the City may order the Contractor to submit to the City at no additional cost to the City, additional information concerning Contractor's planned Work if the Contractor fails to promptly correct Work that is not in accordance with the requirements of the Contract Documents or persistently fails to carry out Work in accordance with the Contract Documents. The additional information ordered by the City may include, but is not limited to, preparation of Submittals or Working Drawings not otherwise required to be submitted under the Contract Documents.

In the event the City discovers that the Contractor has created an unsafe condition the City may arrange for other work forces to remedy the condition. Such remedial work shall be at the sole discretion of the City. If this action is required, the City may unilaterally terminate Work under the Contract, and will pay only for the quantities of Work actually performed, less the cost of the City's remedial Work. In the event that Work is not halted, the Contractor must take immediate steps to correct the situation. There will be no extra payment for Work required

to correct unsafe conditions.

The right of the City to suspend the Work shall not give rise to a duty on the part of the City to exercise this right for the benefit of the Contractor or any other person or entity. This right shall be in addition to and not in restriction or derogation of the City's other rights under the Contract Documents.

In the event of a suspension of Work under any of the conditions set forth in this Section 6-1.06, such suspension of Work shall not relieve the Contractor of its legal responsibilities as set forth in these General Conditions.

6-1.07 **TIME OF COMPLETION.** The Contractor shall complete the entire Work, including Installation, repairs, startup, troubleshooting, painting, and touchup, training, submittal or record drawings, and manuals, cleanup, demobilization, and all other Work within the number of Days set forth in the Supplemental Conditions. The time for completion includes an allowance for working time lost due to normal inclement weather.

Extensions of time may be allowed for unusual inclement weather under the provisions hereinafter described. Unusual inclement weather is weather which adversely affects "controlling" operations or the critical path of construction and which meets one of the following criteria:

A. For the particular calendar month in question, the number of individual Days with rainfall exceeding 0.10 inches exceeds the average number of such Days for that month over the immediately preceding five (5) years of record by at least three (3) Days.

B. For the particular calendar month in question, the total cumulative rainfall for that month exceeds the average cumulative rainfall for that month over the immediately preceding five (5) years of record by at least two inches (2").

Rainfall shall be measured at a publicly operated, maintained, and reported station in reasonable proximity to the construction site. A claim for delay shall indicate the period of rainfall which is claimed as “unusual,” the specific dates during which the unusual rainfall and subsequent wet soil conditions prevented Work, and the specific critical path tasks adversely affected by such unusual weather. A claim for delay due to unusual inclement weather shall be filed within ten (10) Days of the apparent end of the unusual inclement rainfall period, whether or not the monthly totals are available at that time. The burden of proof that weather meets the criteria for unusual weather shall be solely the responsibility of the Contractor.

It is the responsibility of the Contractor to order materials required for the Work properly and promptly on a Notice to Proceed. If evidence presented demonstrates that, in spite of the Contractor's efforts, government-established priorities controls delay material deliveries, suitable extension of time will be made.

If performance of extra Work ordered by the City or failure of the City to provide the necessary site for Installation affects construction tasks which are “controlling” or which are on the “critical path” of the Construction Schedule, suitable extensions of time will be made.

The Contractor shall not be entitled to a time extension for delays in activities on non-critical paths of the favorably reviewed schedule unless the duration of the excusable delay exceeds the total float of the activities being delayed. If the duration of an excusable delay does exceed the total float of the activities affected by the delay, the Contractor shall be entitled to an extension equal to the difference.

C. Determination that a day is a non-working day by reason of inclement weather or conditions resulting immediately therefrom, shall be made by the Director.

6-1.08 **LIQUIDATED DAMAGES.** It is agreed by the parties to the Contract

that in case all the Work called for under the Contract in all parts and requirements is not completed within the number of Days as set forth in the Supplemental Conditions, damage will be sustained by the City and that it is and will be impracticable and extremely difficult to ascertain and determine the actual damage which the City will sustain in the event of and by reason of such delay; and it is therefore agreed that the Contractor will pay to the City, the monetary amount indicated in the Supplemental Conditions in dollars (U.S.) per day for each and every calendar day of delay in completing the Work in excess of the number of Days prescribed and the number of additional calendar days, if any, authorized by Contract Change Order; and the Contractor agrees to pay said Liquidated Damages herein provided for, and further agrees that the City may deduct the amount thereof from any moneys due or that may become due the Contractor under the Contract.

It is further agreed that in case the Work is not finished and completed in all parts and requirements within the number of Days specified, the City shall have the right to increase the number of Days or not, as it may deem best to serve the interest of the City, and if it decides to increase the said number of Days, it shall further have the right to charge to the Contractor, its heirs, assigns or sureties and to deduct from the final payment for the Work all of any part, as it may deem proper, of the actual cost of engineering, inspection, superintendence, and other Overhead expenses which are directly chargeable to the Contract, and which accrue during the period of such extension, except that cost of preparation of final statement shall not be included in such charges.

6-1.09 **DELAYS AND EXTENSIONS TO THE WORK.** The Contractor must complete all Work within the time specified in the Agreement. The Contractor will be granted an extension of time and will not be assessed with liquidated damages or the cost of engineering

and inspection for any delay in substantially completing the Work (or parts thereof) beyond the time set forth in the Agreement, provided that such delay was caused by unforeseeable causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include acts of public enemy, fire, floods, abnormal weather (as described below), earthquakes, epidemics, quarantine restrictions, strikes, labor disputes and freight embargoes, fire, changes made pursuant to the provisions of "Changes in the Work" under Section 3 of these General Conditions or acts or neglect of the City not contemplated by the Contract Documents.

In all cases, any extension of time is conditioned on the following:

1. That the cause is not due to the fault or negligence of the Contractor, and the Contractor has taken reasonable precautions to prevent and minimize the effects thereof; and
2. That the Contractor notifies the Director in writing within three (3) Days from the beginning of such delay specifying the nature of the delay and the measures that have been or will be taken to prevent or minimize the delay. Failure to submit written notice within this time period shall constitute an absolute waiver of any claim for a time extension.

No extension of time will be granted for a delay caused by a shortage of materials, unless the Contractor furnishes to the City documentary proof that it has diligently made every effort to obtain such materials from all known sources within reasonable reach of the work and further proof, as acceptable to the Director, that the inability to obtain such materials when originally planned did in fact cause a delay in Final Completion of the entire Work which could not be compensated for by revising the sequence of the Contractor's operations. Only the physical shortage of material will be considered as a cause for extension of time, and no consideration

will be given to any claim that material could not be obtained at a reasonable, practical or economical cost or price, unless it is shown to the satisfaction of the City that such material could have been obtained only at exorbitant prices entirely out of line with current rates, taking into account the quantities involved and the usual practices in obtaining such quantities.

No extension of time will be granted for a delay caused by Contractor's staff turnovers, understaffing or insufficient quantity of qualified staff able to perform the necessary work.

The term "shortage of materials," as used in this section, shall apply only to materials, articles, parts or equipment which are standard items and shall not apply to materials, parts, articles or equipment which are processed, made, constructed, fabricated or manufactured to meet the specific requirements of the Contract Documents.

No extensions of time will be granted for delays that have no measureable impact on the completion of the Work (or parts thereof) under the Contract Documents. When extensions of time are granted, they will be limited to the period equivalent to the actual number of Days lost on the critical path or controlling operations of the Construction Schedule, taking into account the extent to which that delay could be decreased by reasonable mitigation measures by the Contractor. All requests for extensions of time must be supported with a critical path analysis showing the critical path and impacts to it. Contractor's failure to submit this analysis will be sufficient cause for denial of any request for a time extension.

Within a reasonable period of time after the Contractor submits the notice and information required by this section, the City will determine whether an extension of time is justified and, if so, the number of days for the extension.

Abnormal weather may be a valid basis for a time extension under the Agreement. "Abnormal Weather" occurs when the number of days of rain above 0.5 inches in a 24 hour

period exceeds the average for such rainfall in a particular month as determined by the National Weather Service. The Contractor will only be entitled to, at most, a time extension for the number of days of rain exceeding the average for that month in the locale where the Work is to be performed. If delays are caused by the Contractor or those for whom the Contractor is responsible, the Contractor will only be entitled to, at most, a time extension for the number of rain days exceeding the average for the month when the Work should have been performed.

In addition, before a time extension may be granted for abnormal weather, the Contractor must establish that the rain either significantly impacted at least sixty percent (60%) of the planned work of the controlling operations for a particular day or prohibited at least five (5) hours of work on the controlling operations planned for that day. Contractor shall employ reasonably methods to mitigate the impact of abnormal weather (i.e., dewatering, protection of site, etc.) The occurrence of rain during non-work hours or having minimal impact to work on the controlling operation shall not constitute a day of abnormal weather.

In the event that the project experiences favorable weather for a particular month (e.g., the number of actual rain days in a month less than that indicated above for allowable rain days per months), the additional float resulting from such favorable weather shall accrue to the project.

Any Contractor claim for damages or additional compensation based on delay shall be limited to only those circumstances where the Contractor has fulfilled each of the following three (3) requirements:

1. Contractor has established its entitlement to a time extension pursuant to the provisions described above regarding delay and extensions to the Work.
2. The delay was caused solely by the City's issuance of changes made pursuant to the

provisions of “Changes in the Work” under Section 3 of these General Conditions or by acts or neglect of the City.

3. The delay was unreasonable under the circumstances and not within the contemplation of the parties.

It is expressly understood and agreed that delays caused by the City will be non-compensable when there are concurrent delays caused by the Contractor. Also, the Contractor shall have no entitlement to additional compensation for any delay where there have been concurrent delays caused by non-compensable delays, including, but not limited to, fire, floods, earthquakes, epidemics, quarantine restrictions, strikes, labor disputes, and freight embargoes.

Contractor’s damages and/or additional compensation for delays will consist solely of the extended costs of maintaining the Contractor’s Work Site presence. The Contractor will not be entitled to any extended home office overhead.

Compensation for idle time of equipment will be determined in the same manner as determinations are made for equipment used in the performance of extra work paid for on a Force Account basis with the following exceptions:

1. The time for which compensation will be paid will be the actual normal working hours during which such delay conditions exists, but in no case will exceed eight (8) hours in any one day.
2. The days for which compensation will be paid will be each calendar day of the work week (defined elsewhere in the Contract Documents) and Legal Holidays, during the existence of such delay, except that when rental of the equipment is paid for under the provisions in Section 3-1.06C, “Force Account Payment – Equipment,” of these General Conditions, no payment will be made for delays in accordance with the

provisions of this section.

Actual loss shall be understood to include no items of expense other than idle time of personnel, cost of extra moving of equipment, and cost of longer hauls. Compensation for idle time of equipment will be determined as provided in this section and compensation for idle time of personnel will be determined pursuant to Section 3-1.06A, "Force Account Payment – Labor," of these General Conditions. No markup will be added in either case for Overhead and profit. The cost of extra moving of equipment and the cost of longer hauls will be paid for as extra work as provided pursuant to "Changes to the Work" elsewhere in the Contract Documents.

6-1.10 **TERMINATION.**

6-1.10A **TERMINATION OF AGREEMENT – CONVENIENCE OF CITY.** The Department reserves the right to terminate the Contract at any time and for any reason if the Director determines that to do so would be in the best interest of the City. Any termination which is not based on the circumstances set forth in Section 6.1-10B below shall be effected by delivery to the Contractor of a Notice of Termination specifying the extent to which performance of Work under the Contract is terminated, and the date upon which such termination becomes effective.

Upon the Contractor's receipt of a written Notice of Termination for convenience, the Contractor shall cease Work as to those portions of the project so terminated and shall undertake the steps outlined in Section 6-1.10B below.

1. Acceptance of the Contract as hereinafter specified shall not relieve the Contractor of responsibility for damage to materials except as follows:
 - a. The Contractor's responsibility for damage to materials for which partial payment has been made as provided in Section 7-1.07, "Progress

Payments,” of these General Conditions and for materials furnished by the City for use in the Work and unused shall terminate when the Director certifies that such materials have been stored in the manner and at the locations he or she has directed.

- b. The Contractor's responsibility for damage to materials purchased by the City subsequent to the issuance of the notice that the Contract is to be terminated shall terminate when title and delivery of such materials has been taken by the City.
- c. When the Director determines that the Contractor has completed the Work under the Contract directed to be completed prior to termination and such other Work as may have been ordered to secure the project for termination, the Contractor will recommend that the City formally accept the Work, and immediately upon and after such Acceptance by the City, the Contractor will not be required to perform any further Work thereon and shall be relieved of its contractual responsibilities for injury to persons or damage to property which occurs after the formal Acceptance of the project by the City.

2. The total compensation to be paid to the Contractor shall be determined by the Director on the basis of the following:

- a. The reasonable cost to the Contractor, without profit, for all Work performed under the Contract, including mobilization, demobilization and Work done to secure the project for termination. Reasonable cost will include a reasonable allowance for project Overhead and general

administrative Overhead not to exceed a total of seven percent (7%) of Direct Costs of such Work.

- b. A reasonable allowance for profit on the cost of the Work performed as determined under subsection (a), provided the Contractor establishes to the satisfaction of the Director that it is reasonably probable that it would have made a profit had the Contract be completed and provided further, that the profit allowed shall in no event exceed four percent (4%) of said cost.
- c. The reasonable cost to the Contractor of handling material returned to the vendor, delivered to the Department or otherwise disposed of as directed by the Director.
- d. A reasonable allowance for the Contractor's administrative costs in determining the amount payable due to termination of the Contract.

All records of the Contractor and the Contractor's Subcontractors, necessary to determine compensation in accordance with this Section, shall be open to inspection or audit by representatives of the Department at all times after issuance of the notice that the Contract is to be terminated and for a period of three (3) years, and such records shall be retained for that period.

After Acceptance of the Work by the Director, the Director may make payments on the basis of interim estimates pending issuance of the Final Statement, when in his or her opinion the amount thus paid, together with all amounts previously paid or allowed, will not result in total compensation in excess of that to which the Contractor will be entitled. All payments, including payment upon the Final Statement, shall be subject to deduction for prior payments and amounts, if any, to be kept or retained under the provisions of the Contract.

In the event that the City terminates this Contract under Section 6-1.10B below and it is determined for any reason that there was not sufficient cause to do so, the City's termination automatically will convert to a termination for convenience under this section and the terms and conditions outlined in this section automatically will be applied to effectuate the Contract termination. Thus, damages to which a Contractor may be entitled as a result of an improper default termination will be limited to the amounts provided for in this section.

The provisions of this section shall be included in all subcontracts.

6-1.10B **TERMINATION OF AGREEMENT - FOR CAUSE.** An

"Event of Default" as referred to in this section shall occur if the Contractor:

1. Fails to maintain progress of the Work in accordance with the requirements of the Contract Documents; or
2. Fails to prosecute the Work or any of its components in accordance with the Contract Documents; or
3. Persistently or repeatedly fails or refuses to supply sufficient properly skilled workers or proper material to permit the performance of the Work in accordance with the Contract Documents; or
4. Fails to make prompt payment to Subcontractors or Suppliers in accordance with the respective agreements between the Contractor and the Subcontractor and Contractor and Supplier; or
5. Fails to comply with applicable laws, ordinances or rules, regulations or orders of a public authority having jurisdiction over the Work; or
6. Abandons, assigns or sublets the Contract without approval of the City; or
7. Becomes bankrupt or is subject to appointment of a receiver on behalf of the

Contractor; or

8. Otherwise is guilty of a substantial breach of a provision of the Contract Documents.

Upon the City's reasonable belief that there has been an Event of Default by the Contractor, the City may elect to give the Contractor written notice thereof. The Contractor thereafter shall cure the default as soon as possible and in no event after ten (10) Days from the Contractor's receipt of the City's written notice.

If the Contractor does not timely cure its default, the City may, without waiver of any of its other rights and remedies, elect to terminate the Contract, or portion thereof.

Upon the City's election to terminate the Contract, or portion thereof, the City shall have the right to complete the Work, or portion involved, by whatever means and methods it deems expedient, including the hiring of others on such terms as the City deems advisable. The City shall have the right to take possession of the Contractor's materials, plant, tools, equipment and property of any kind provided by or on behalf of the Contractor for the purpose of the Work, or a portion of them, without being responsible to the Contractor for wear and tear. The Contractor shall have no rights in such property during its use by the City. The City shall not be required to obtain the lowest prices for completing the Work or a portion of it but shall make such expenditures as, in the City's sole judgment, best accomplish such completion.

The expense of completing such Work or portion thereof, together with a reasonable charge for engineering, managerial and administrative services, as certified by the City, shall be charged to the Contractor, and the expense so charged shall be deducted by the City out of such monies as may be due or may at any time thereafter become due to the Contractor. In case such expense is more than the sum which otherwise would have been payable to the Contractor under the Agreement, then the Contractor or its surety or sureties shall promptly pay the amount of

such excess so due. When the City terminates the Contract under this section, the Contractor shall not be entitled to receive any further payments until the Work is completed and there has been a final settlement of costs of completing the Work covered by such notice of default.

The City will issue to the Contractor a written notice specifying that the Contract, or portion thereof, is terminated. Upon receipt of said written notice and, except as otherwise directed in writing by the City, the Contractor shall:

1. Stop all Work under the Contract; or if partial termination, stop Work relating to the terminated portion of the Agreement;
2. Perform Work the City deems necessary to secure the Work Site for termination including measures to leave the Work Site in a safe condition;
3. Remove equipment from the site of Work, as specified by the City;
4. Take such action as is reasonably necessary to protect materials from damage;
5. Notify all Subcontractors and Suppliers that the Contract or portion thereof is being terminated and that their contracts or orders are not to be further performed unless otherwise authorized in writing by the City;
6. Provide the City with an inventory list of all materials previously produced, purchased or ordered from Suppliers for use in the Work and not yet used in the Work, including its storage location, and such other information as the City may request;
7. Dispose of materials not used in the Work as directed by the Director. It shall be the Contractor's responsibility to provide the City (a) with good title to all materials purchased by the City hereunder, including materials for which partial payment has been made by the City and (b) with bills of sale or other documents of title for such

materials;

8. Subject to the prior written approval of the City, settle all outstanding liabilities and all claims arising out of Subcontractors or orders for materials terminated hereunder. To the extent directed by the City, the Contractor shall assign to the City all rights, title and interests of the Contractor under subcontracts or orders for materials terminated hereunder. The City shall be at liberty to negotiate with and engage any Subcontractors who had contracted with the Contractor for the Work;
9. Furnish the City with the documentation required to be furnished by the Contractor under the provisions of the Contract Documents, including, on projects as to which Federal funds are involved, all documentation required under the Federal requirements included in the Agreement; and
10. Take such other actions as the City may direct.

If only a portion of the Work has been terminated, the Contractor shall perform the remainder of the Work in conformity with the Contract Documents and in such a manner as not to interfere with the City or others in their performance and completion of the portion of the Work which was terminated.

The City may recover from the Contractor the amount of any loss or damage, including consequential damages, suffered or incurred as a result of the Contractor's default.

SECTION 7

ACCEPTANCE AND PAYMENT

7-1.01 **ACCEPTANCE.** When the Contractor believes that the entire Work is fully and finally completed, including the satisfactory completion of inspections, tests, and documentation specified in the Contract Documents and completion of all punch list and clean-up items, the Contractor shall submit to the City a written request for final Acceptance within fifteen (15) Days thereafter, specifying that the Work is fully and finally completed and the date on which it was completed. Within thirty (30) Days after receipt of the request for final Acceptance, the City will inspect the Work and will either:

1. Reject the request for final Acceptance, specifying the defective and/or uncompleted portions of the Work; or
2. Notify the Contractor that the Work will be accepted by Resolution of the City Council of the City of Roseville, and a Notice of Completion will be caused to be recorded by the City Clerk; or
3. Notify the Contractor that the Work has been accepted by the City but no Notice of Completion will be recorded.

If the City rejects the request for final Acceptance, the Contractor shall promptly remedy the defective and/or uncompleted portions of the Work. Thereafter, the Contractor shall again submit a written request for final Acceptance of the Work, specifying a new date based on the date the defective and/or uncompleted portions of the Work were corrected. Thereafter, the foregoing procedure shall apply successively until the City has verified that the Work is fully and finally completed and accepted the Work by Resolution of the City Council or by written

notification from the Director. Immediately upon such Acceptance, the Contractor shall be relieved of the duty of maintaining the Work as a whole.

All warranties commence upon final Acceptance of the Work. The City's final Acceptance of the Work shall not be construed as an acceptance by the City of any latent defects discovered with regard to the Contractor's work. Furthermore, Contractor's obligations under Section 5-1.22 "Responsibility for Damage and Indemnification" shall still remain applicable after the City's grant of final Acceptance of the Work.

Prior to final Acceptance, the Contractor shall submit to the City the Record Documents and Operation and Maintenance Manuals as specified in the Contract Documents.

7-1.02 **SCOPE OF PAYMENT.** The Contractor shall accept the compensation provided in the Contract as full payment for furnishing all labor, materials, tools, equipment, and incidentals necessary to the completed Work and for performing all Work contemplated and embraced under the Contract; also for loss or damage arising from the nature of the Work, or from the action of the elements, or from any unforeseen difficulties which may be encountered during the prosecution of the Work until the Acceptance by the Director and for all risks of every description connected with the prosecution of the Work, also for all expenses incurred in consequence of the suspension or discontinuance of the Work as provided in the Contract; and for completing the Work according to the Contract. Neither the payment of any estimate nor of any retained percentage shall relieve the Contractor of any obligation to make good any defective Work or material.

No compensation will be made in any case for loss of anticipated profits.

7-1.03 **NOTICE OF POTENTIAL CLAIM.** The Contractor shall not be entitled to the payment of 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 the Contractor has given the City due written Notice of Potential Claim as hereinafter specified, provided, however, that compliance with this Section 7-1.03 shall not be a prerequisite as to matters within the scope of the notice provisions in Section 6-1.07, "Time of Completion," or the notice provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions, nor to any claim which is based on differences in measurement or errors of computation as to correct quantities.

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 seven (7) 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 complete information about its claim for additional compensation and/or extension of time for performance within fifteen (15) 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 General Conditions, including but not limited to Section 7-1.04.

It is the intention of this Section 7-1.03 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 it 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.

7-1.04 **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) 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) 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) 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 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 sixty (60) Days after the City 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 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 resolved in accordance with Section 7-1.05 below.

7-1.05 **DISPUTE RESOLUTION PROCEDURE.** All Claims not resolved

pursuant to Section 7-1.04, shall be resolved pursuant to Public Contract Code Section 10240, et seq.

7-1.06 **STOP PAYMENT NOTICES.** The City, by and through the Department or other appropriate office or officers, may at its option and at any time retain out of any amounts due the Contractor, sums sufficient to cover claims, filed pursuant to Civil Code Section 9350, et seq., including an amount to provide for the reasonable cost of any litigation thereunder.

7-1.07 **PROGRESS PAYMENTS.** Within fifteen (15) Days after the effective date in the Notice to Proceed, but in any event prior to Contractor's first Application for Payment, the Contractor shall submit to the City a detailed Schedule of Values.

Upon its approval, the Schedule of Values will form a basis for determining the compensation payable to the Contractor based on its actual progress of Work with respect to each Lump Sum bid item. The City, prior to any progress payment being made, must approve the Schedule of Values.

At the Director's discretion the approved Schedule of Values may be used as the basis for calculating the adjustment in compensation for a lump sum bid item due to changes ordered by the Director. When an ordered change increases or decreases the quantities shown in an approved Schedule of Values, at the Director's discretion, the adjustment in compensation may be determined in the same manner specified for increases and decreases in the quantity of a bid item of work in accordance with Section 3-1.05(B), "Contract Price Adjustment," of these General Conditions.

The Contractor once in each month shall submit an Application for Payment, for approval by the Director. Contractor's Applications shall be based on the Schedule of Values submitted to the City. These applications shall be supported by: (1) documentation requested by the City to

substantiate the payment request; (2) statutory releases from Contractor and all Subcontractors and suppliers pursuant to Civil Code Sections 8132 and 8138; and (3) certified payroll records for the period for which payment is requested. Specifically, the Contractor will submit conditional waivers upon progress payment executed by all contractors and suppliers that will be receiving sums sought in the instant payment request and also submit unconditional waivers upon progress payment executed by all contractors and suppliers that have been paid to the date of the payment request. The Contractor shall certify that the Work for which payment is requested has been accomplished. When requested by the City, the Contractor shall submit receipts, invoices and other documentation that the City requires to be furnished for purpose of evaluating the application.

The City will pay the Contractor within thirty (30) Days after its receipt of an undisputed and properly submitted Application for Payment, after deducting all previous payments, retention, and other sums as described in the Contract Documents. Within seven (7) Days of its receipt of the Contractor's Application for Payment, the City will determine whether it complies with the provisions of the Contract Documents. As appropriate, the City will return the application to the Contractor accompanied by a document prepared by the City setting forth the reasons for the rejection. Thereafter, the Contractor shall correct and resubmit the Application for Payment. Progress payments may be withheld for Work that is not performed in accordance with the Contract Documents.

The City may deduct the following from each progress payment:

1. An amount equal to one hundred and twenty-five percent (125%) of the amount claimed under any stop payment notice or other lien filed against the Contractor, which includes an amount to provide for the reasonable cost of any litigation

thereunder.

2. Any Liquidated Damages or Assessments that have accrued as of the date of the Application for Payment.
3. Any sums expended by the City in performing any of the Contractor's obligations under the Agreement that the Contractor has failed to perform.
4. Any other sums that the City is entitled to recover from the Contractor under the terms of the Contract including damages to the City's property.
5. The failure of the City to deduct any of the above identified sums from a progress payment shall not constitute a waiver of the City's right to such sums.

No such estimate or payment shall be construed to be an acceptance of any defective Work or improper materials.

Under no circumstances will the City make payment to unlicensed Contractors. As a condition of payment, the Contractor is required to maintain the applicable Contractor's license as identified in the Notice to Contractors for the duration of the Work.

7-1.08 **PAYMENT FOR MATERIALS AND EQUIPMENT ON HAND.**

Partial payments may be made to the extent of seventy-five percent (75%) of the cost of materials and equipment plus delivery to be incorporated in the Work, provided that such materials and equipment meet the requirements of the Contract Documents and are delivered to acceptable sites on the plant site or at other sites in the vicinity that are acceptable to the City and only with the prior written approval by the City. Such delivered costs of stored or stockpiled materials and equipment may be included in the next progress payment after the following conditions are met:

- A. Equipment and materials will only be eligible if given conditional or final

Acceptance by the Director and are in apparent compliance with favorably reviewed Submittals.

B. Only equipment or materials which have received favorable review of Shop Drawings will qualify.

C. The material or equipment has been stored or stockpiled adequately protected against damage in a manner acceptable to the Director at an approved site.

D. The Contractor has furnished the Director with acceptable evidence of the quantity and the quality of such stored or stockpiled materials or equipment with identification of where they will be incorporated into the project with Specification reference.

E. The Contractor has furnished the Director with satisfactory evidence that the material or equipment and transportation costs have been paid.

F. The Contractor has furnished the City legal title (free of liens or encumbrances of any kind) and lien releases to the material or equipment so stored or stockpiled.

G. The Contractor has furnished the City evidence that the material or equipment so stored or stockpiled is insured against loss by damage to or disappearance of such materials at any time prior to use in the Work.

It is understood and agreed that the transfer of title and the City payment for such stored or stockpiled materials or equipment shall in no way relieve the Contractor of its responsibility for furnishing and placing such materials or equipment in accordance with the requirements of the Contract Documents.

In no case will the amount of progress payments for materials or equipment on hand exceed the Contract Price for such materials or equipment or the Contract Price for the Contract item in which the material is intended to be used.

No partial payment will be made for stored or stockpiled living or perishable plant

materials.

The Contractor shall bear all costs associated with the progress payment of stored or stockpiled materials or equipment in accordance with the provisions of this Section.

7-1.09 **RETENTION ON PROGRESS PAYMENTS.** From each progress payment estimate, five percent (5%) will be deducted and held in retention by the City. The remainder, less any deductions described in Section 7-1.07, "Progress Payments," of these General Conditions, will be paid to the Contractor as progress payments.

Pursuant to Public Contract Code Section 22300, the successful Bidder may submit Securities in lieu of retention payments by the City. Upon the Contractor's request, the City will make payment of funds withheld from progress payments, pursuant to the requirements of California Public Contract Code Section 22300, if the Contractor deposits in escrow with the City or with a bank acceptable to the City, securities eligible for investment under California Government Code Section 16430, bank or savings and loan certificates of deposit, interest bearing demand deposit accounts, standby letters of credit, or any other security mutually agreed to by the Contractor and the City, upon the following conditions:

1. The Contractor shall bear the expenses of the City and the escrow agent in connection with the escrow deposit made.
2. Securities or certificates of deposit to be placed in escrow shall be of a value at least equivalent to the amounts of retention to be paid to the Contractor pursuant to this section.
3. Contractor shall enter into an escrow agreement satisfactory to the City, which agreement shall be substantially similar to the form provided in California Public Contract Code section 22300.

4. The Contractor shall obtain the written consent of the surety to such agreement.

7-1.10 **FINAL PAYMENT.** Final payment will be made only after Contractor has achieved Final Completion of the Work pursuant to the provisions of Section 7-1.01, “Acceptance,” of these General Conditions. Before final payment can be made, the Contractor shall have furnished the City with the following:

1. All Record Documents, catalogues, instruction sheets and information as required by the Contract Documents.
2. Conditional Waivers and Releases Upon Final Payment executed by Contractor and all Subcontractors and Suppliers, as provided by Civil Code Section 8136. Unconditional Waivers and Releases Upon Final Payment, as provided in Civil Code Section 8138, executed by Contractor and all Subcontractors and Suppliers, must be provided for all Subcontractors and Suppliers that have been paid in full.

Within thirty (30) Days of the date of the City’s Acceptance of the Work, the Contractor shall prepare and submit a Final Invoice, showing the proposed total amount due the Contractor, segregated by Bid item quantities, Change Order Work, and other basis for payments; deductions made or to be made for prior payment; and amounts previously retained. Prior invoices and payments shall be subject to correction in the proposed Invoice for Final Payment. Payments to the Contractor will be made only for actual quantities of the Contract items of work constructed in accordance with the Contract Documents.

The City will review the Contractor’s proposed Final Invoice and necessary changes or corrections will be forwarded to the Contractor. Within ten (10) Days thereafter, the Contractor

shall submit a revised proposed Final Invoice incorporating changes or corrections made by the City together with any new claims resulting therefrom. Upon approval by the City, the corrected proposed Final Invoice will become the approval Final Invoice.

If agreements are reached on all questions regarding the Final Invoice, the City will pay the entire sum found due on the approved application. However, the City will withhold sums sufficient to pay all unsettled claims for which stop payment notices have been filed pursuant to Section 9350, et seq. of the California Civil Code, together with the reasonable cost of any litigation thereunder.

Final payment will be made within thirty (30) Days after receipt of an approved Final Invoice and other required Submittals referenced above or within sixty (60) Days after Acceptance of the work by the City, whichever is later, provided, however, that if an approved Final Invoice has not been submitted within sixty (60) Days after Acceptance of the Work by the City, the City may elect to make payment of sums not in dispute without prejudice to the right of either the City or the Contractor in connection with such disputed sums. Notwithstanding the foregoing, if a Notice of Completion is recorded, final payment shall not be made prior to the expiration of the thirty-five (35) calendar day lien period. The start of this lien period is the date the Placer County Recorder's Office records the Notice of Completion.

The City may withhold from the Final Payment an amount not to exceed one hundred fifty percent (150%) of any amount in dispute between the City and the Contractor.

The making of Final Payment shall not operate to release the Contractor or its sureties from obligations arising under the Contract, the Contract bonds and warranties as herein provided. Specifically, the making of final payment shall not constitute a waiver and release of claims by the City arising from:

1. Unsettled or future liens;
2. Failure of the Work to comply with the requirements of the Contract Documents;
3. The terms of any warranties required by or contained in the Contract Documents;
4. The right to any insurance proceeds or the right to make any insurance or bond claims;
5. Any claims with respect to Contractor's obligations of indemnity with respect to claims asserted by third parties; or
6. Any latent deficiencies with the Work or Contractor's fraud.

7-1.11 **CLERICAL ERRORS.** Notwithstanding the provisions of Section 7-1.10, "Final Payment," of these General Conditions, for a period of three (3) years after Acceptance of the Work, all estimates and payments made pursuant to said Section 7-1.10, are subject to correction for clerical errors in the calculations involved in the determination of quantities and payments. The Contractor and the City agree to pay to the other any sum due under the provisions of this Section 7-1.11, provided, however, if the total sum to be paid is less than \$100, no such payment shall be made.

7-1.12 **WARRANTY.** Notwithstanding inspections and Acceptance by the City of Work furnished under the Contract Documents, the Contractor hereby unconditionally guarantees that all materials and equipment furnished will be of good quality and new, that the Work will be free from defects in workmanship and materials and that the Work will conform to the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective.

This warranty by the Contractor is in addition to any warranties or guarantees required elsewhere in the Contract Documents. This warranty shall be in effect notwithstanding any disclaimers, or limiting or conditional terms contained in such separate warranties furnished by manufacturers or suppliers.

The Contractor hereby agrees to repair or replace any and all Work, together with any other adjacent Work which may be displaced in so doing, that may prove to be not in accordance with the requirements of the Contract or that may be defective in its workmanship or material during the greater of a period of one (1) year after Acceptance of the Work by the City or the period specified in the Special Conditions, without any expense whatsoever to the City, ordinary wear and tear and unusual abuse or neglect excepted.

The Contractor further agrees, that within ten (10) Days after being notified in writing by the Department of any Work not in accordance with the requirements of the Contract Documents or of any defects in the Work, the Contractor will commence and prosecute with due diligence all Work necessary to fulfill the terms of this warranty, and to complete such Work within a reasonable period of time. In the event Contractor fails to comply, it does hereby authorize the Department to proceed to have such Work done at the Contractor's expense and the Contractor will honor and pay the cost and charges therefore upon demand. The Department shall be entitled to all costs and expenses, including reasonable attorneys' fees, necessarily incurred upon the Contractor's refusal to honor and pay the above costs and charges.

All warranties set forth in the Contract Documents shall be deemed cumulative and not alternative or exclusive. Nothing contained in this section shall be construed to establish a period of limitation with respect to any other obligation, which Contractor has under the Contract Documents or under any separate warranty or guaranty required thereby. The establishment of a

specific warranty period relates only to the specific obligation of Contractor to correct defective Work, and it has no relationship to the time within which its obligation to comply with the Contract Documents or applicable provision of law may be sought to be enforced, nor to the time within which proceedings may be commenced to establish Contractor's liability with respect to its obligations other than specifically to correct the Work. Without limiting the foregoing, it is understood and agreed that Contractor shall remain responsible for latent defects with its work, regardless of the expiration of any warranty period set forth in the Contract Documents.

7-1.13 **WARRANTY OF TITLE.** No material, supplies, or equipment for the Work under this Contract shall be purchased subject to any chattel mortgage, security agreement, or under a conditional sale or other agreement by which an interest therein or any part thereof is retained by the seller or supplier. The Contractor warrants good title to all material, supplies, and equipment Installed or incorporated in the Work and agrees upon completion of all Work to deliver the Premises, together with all improvements and appurtenances constructed or placed thereon by it, to the City free from any claim, liens, security interest, or charges, and further agrees that neither the Contractor nor any person, firm, or corporation furnishing any materials or labor for any Work covered by this Contract shall have any right to a lien upon the Premises or any improvement or appurtenances thereon. Provided, that this shall not preclude the Contractor from Installing metering devices and other equipment of utility companies, the title of which is commonly retained by the utility company. In the event of the Installation of any such metering device or equipment, the Contractor shall advise the City as to the legal owner thereof. Nothing contained in this paragraph, however, shall defeat or impair the right of such persons furnishing materials or labor under any bond given by the Contractor for their protection or any rights under any law permitting such persons to look to funds due the Contractor in the hands of the City.

The provisions of this paragraph shall be inserted in all subcontracts and material Contracts, and notice of its provisions shall be given to all persons furnishing materials for the Work when no formal Contract is entered into for such materials.

[END OF GENERAL CONDITIONS]

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SUPPLEMENTAL CONDITIONS

Project: Lower Bank Park Project

Scope of Supplemental Conditions

1. The Work shall be performed in accordance with the General Conditions and Department Standards, except as the General Conditions may be modified by the following additional City Standards, incorporated herein by this reference, if so indicated.

	COMMUNITY DESIGN GUIDELINES 311 Vernon Street, Roseville, CA 95678
X	SPECIFICATIONS FOR COMMERCIAL CONSTRUCTION (ELECTRIC) 2090 Hilltop Circle, Roseville, CA 95747
X	PARKS CONSTRUCTION STANDARDS 316 Vernon Street, Suite 400, Roseville, CA 95678
X	DESIGN AND CONSTRUCTION STANDARDS 311 Vernon Street, Roseville, CA 95678
	OTHER

Above documents are available at: www.roseville.ca.us.

2. Numbering in these Supplemental Conditions conforms to that in the General Conditions. The existence of a section in these Supplemental Conditions means that the corresponding section in the General Conditions is modified in some respect. Unless otherwise specified, the modified General Condition is deleted entirely and the provisions of these Supplemental Conditions are substituted.

SECTION 1. DEFINITIONS AND TERMS

1-1.24 **DEPARTMENT.** Section 1-1.24 of the General Conditions is amended to include the following:

The Department for Contract Administration is the Parks, Recreation & Libraries Department of the City of Roseville.

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SECTION 2. CONTROL AND SCOPE OF THE WORK

2-1.08 **SUBMITTALS.** Section 2-1.08 of the General Conditions is amended to include the following:

The time allowed for review of each submittal is 10 Days after receipt of the submittal by the Director.

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SECTION 3. CHANGES IN THE WORK

There are no amendments to the General Conditions.

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SECTION 4. CONTROL OF MATERIALS

There are no amendments to the General Conditions.

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SECTION 5. LEGAL RELATIONS AND RESPONSIBILITY

5-1.14 **AIR POLLUTION CONTROL AND ASBESTOS.** Section 5-1.14 of the General Conditions is amended to include the following:

To the best of the City's knowledge, asbestos is NOT present in the vicinity of the Project. Additional information shall be made available to Contractor upon request.

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 6. PROSECUTION AND PROGRESS

6-1.04 **PROGRESS SCHEDULE.** Section 6-1.04F of the General Conditions is amended to include the following:

Progress schedules showing project completion dates more than 0 Days earlier than specified in Section 6-1.07 shall be rejected.

6-1.07 **TIME OF COMPLETION.** Section 6-1.07 of the General Conditions is amended to include the following:

The Contractor shall begin Work within 10 business days after receiving a Notice to Proceed and shall diligently prosecute the Work to completion. The Work shall be completed within 100 business days of the Notice to Proceed.

If landscaping plants require an establishment period, that period will be 90 calendar days. Start of the establishment should be as outlined in the Specifications.

6-1.08 **LIQUIDATED DAMAGES.** Section 6-1.08 of the General Conditions is amended to include the following:

The amount of Liquidated Damages is the sum of \$ 1,000 per Day.

SECTION 7: ACCEPTANCE AND PAYMENT

There are no amendments to the General Conditions.

[END OF SUPPLEMENTAL CONDITIONS]

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SPECIFICATIONS

Project: Lower Bank Park Project

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SPEC

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Consultants to add new sections and/or edit existing sections as needed to reflect specific project needs. New sections shall be formatted to match those included in these standards.

APPENDICES

A: Irrigation Schedules	# pages
B: Soils Fertility Report	# pages
C: Permits (provided by the City/Project Owner)	# pages
D: Environmental Document (provided by the City/Project Owner)	# pages
E: Geotechnical Report (provided by the City/Project Owner)	# pages

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NOT FOR BIDDING

SECTION 00 31 46 PERMITS

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
- C. The intent of this Section is to furnish bidders with the known list of required permits for the Work under the Contract Documents. Bidders should note that the list is not necessarily complete and that additional requirements may exist or arise.

1.02 Permits

- A. The Contractor shall obtain copies of the following permits from the Project Manager. Copies of these shall be obtained prior to start of work and shall be kept on the jobsite.
 - 1. State Water Resources Control Board General Permit for Discharges of Storm Water Associated with Construction Activity:

The City has prepared and submitted the SWPPP and Notice of Intent (NOI) to the State Water Resources Control Board. Prior to starting construction, Contractor shall obtain coverage under and comply with the General Permit for Discharges of Storm Water Associated with Construction Activity (Construction General Permit Order 2009-0009-DWQ). The City will prepare and submit the NOT when permanent BMP's have been installed.

- 2. City of Roseville Department of Development Services, Encroachment Permit for all Work related to this project.
 - 3. City of Roseville Department of Development Services, Building Permit for all structural items associated with this project, including, but not limited to, lighting, backstops, restrooms, shade structures, drinking fountain (plumbing code), and miscellaneous electrical.
- B. Contractor shall comply with the conditions of these permits, and will be solely responsible for all costs associated with meeting permit conditions unless specifically specified otherwise in these Contract Documents.

- C. A copy of the permit is included in the Appendix of the Project Manual. A trench/excavation permit must be on file with the City. Submit a copy of the notification letter to CAL OSHA, which outlines the project, and contracted scope of work.

PART 2 - PRODUCTS

Intentionally left blank.

PART 3 - EXECUTION

Intentionally left blank.

END OF SECTION

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 01 10 00 SUMMARY OF WORK

PART 1 - GENERAL

1.01 General

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Special Conditions shall be in addition to the standards provided herein.

1.02 Project Description

- A. Project Name and address:

Lower Bank Park (formerly C-63)
1410 Lower Bank Dr., Roseville, CA

- B. Project description/scope of work:

The scope of this project includes grading, drainage, erosion control, site concrete, site furnishings, irrigation and planting, electrical lighting, and utilities.

- C. The Contractor, prior to submission of his bid, shall visit the site and become familiar with the physical site conditions, the plans and specifications. All existing site conditions, apparent in a detailed, on-site inspection, shall be a part of the project. Submission of a bid shall represent the Contractor's acknowledgment of the existing site conditions and its effect on the implementation of the contract documents.

1.03 Engineering

- A. Field Engineering, as a part of this contract, shall include:
 - 1. Layout of the work and establishment of lines and grades.
 - 2. Said work to be performed by a California Registered Civil Engineer or a California licensed Land Surveyor.
 - 3. When discrepancies between the drawings and actual site conditions are discovered, notify the Inspector for instruction on how to proceed.
 - 4. All work shall:
 - a) Establish indicated layout in relation to the property survey and existing reference points.
 - b) Establish and preserve permanent reference points during the course of construction.
 - c) Set locations and elevations of all site elements as required for proper completion of the work.

1.04 Permits, Fees and Notices

- A. The Contractor and/or his assigned Subcontractors shall obtain any and all required permits (beyond those provided in the Appendix) from all governing authorities, including other City Departments, prior to start of construction.

1.05 Construction Plans

- A. Any discrepancies or omissions found in the Contract Documents shall be reported to the City's project manager immediately. The City's project manager will clarify discrepancies or omissions, in writing, within a reasonable time.
- B. In resolving inconsistencies among two or more sections of the Contract Documents, precedence shall be given in the following order:

- 1. Notice to Contractors
- 2. Special Provisions
- 3. City of Roseville Parks Construction Standards
- 4. City of Roseville Design and Construction Standards
- 5. Drawings

Addenda shall take precedence over all sections referenced therein. Figure dimensions on Drawings shall take precedence over scale dimensions. Detailed Drawings shall take precedence over general Drawings.

1.06 Definitions

- A. The term "accepted" where used within, shall mean accepted in writing by the City of Roseville's Project Manager.
- B. The term "Inspector", where noted, shall mean the project representative, appointed by the City of Roseville, who will oversee the project on a day-to-day basis.
- C. The term "Project Manager", where noted, shall mean the project representative appointed by the Parks Department.
- D. The term "Consultant", where noted, shall mean the prime Consultant listed on the cover sheet of these Specifications.
- E. The term "accepted equal", where used herein, shall mean the equal in the opinion of the Project Manager, in consultation with the Consultant, when necessary, and as accepted in writing by the Project Manager.
- F. The term "Project Owner", where used herein, shall mean the landowner or developer.
- G. The term "provide", where used herein, shall mean furnish and install complete.
- H. The term "as selected", where used herein, shall mean as selected by the Consultant and as accepted by the Project Manager.
- I. The term "substantially complete", where used herein, shall mean the state of which the project can be used in the manner of which it is intended with the exception of minor items as determined by the Project Manager.

J. See Section 1 of the General Conditions for additional definitions and terms.

1.07 Standards

- A. Numerous standards are referenced in these contract documents. The referenced standards shall be the current edition as of the date of these contract documents. Also, see Section 4 - 1.02 of the General Conditions.
- B. The codes adopted by the City, County, State and federal agencies shall govern minimum requirements for this project. Where codes conflict with these Specifications, the more stringent shall apply, and such conflicts shall be brought to the attention of the Project Manager. Caltrans Standards shall be applied where specifically referenced. In the absence of specific reference requirements in the contract documents, the applicable codes shall govern.
- C. In addition to the standards noted in individual sections of these Specifications, standards of the following organizations shall be noted by initials only.
 - 1. ANSI: American National Standards Institute.
 - 2. ASTM: American Society for Testing and Materials.

1.08 Submittals

- A. All submittals shall be submitted at one time within ten (10) working days from issuance of Notice to Proceed. The review time for submittals shall be as noted in Section 2 - 1.04 of the Special Conditions. Items returned for re- submittal shall be returned to the City within two weeks
- B. The Contractor shall include a cover sheet indicating the following (A sample is provided in Section 5: Forms):
 - 1. Drawing sheet or specification section reference (by section, paragraph and sub-paragraph numbers);
 - 2. Item description;
 - 3. Indication whether this item is "as specified" or "proposed substitution" and
 - 4. A space for itemized response summary, e.g. "reviewed" or "resubmit".
- C. Contractor shall provide submittals electronically in PDF file format and physical product samples as required in specifications. It shall be the Contractor's responsibility to ensure that the summary sheet is included in the submittal package. Incomplete submittal packages (i.e., the lack of a summary sheet or lack an appropriate product sample) will not be reviewed.
- D. Proposed substitution requests must include a comparison between the originally specified item and the proposed substitute. The burden of proof of compliance for proposed substitutions with project requirements rests with the Contractor. Coordination of the installation of accepted substitutions, including incidental changes/modifications to accommodate proposed products shall be at no additional cost to the Owner.

- E. Where required in specified Section of these Specifications, submittals shall include proof of order of site furnishings, play equipment or other materials within two weeks (ten working days) of receipt of the returned, approved submittal. Submittals of orders shall be made at one time. Exceptions will be considered, with justification.

1.09 Tests

- A. In addition to Section 4 - 1.03 of the General Conditions, testing and inspections may be performed by a private testing laboratory. The testing laboratory, provided by the City, shall be under the direction of a California registered civil engineer. All work shall conform to requirements set forth by ASTM B329, and shall be acceptable to the City.
- B. Copies of the laboratory reports/results of each test or inspection shall be provided to the Project Manager, Inspector and Contractor.

1.10 Temporary Facilities

- A. Sanitary provisions shall be the responsibility of the Contractor. Existing restroom facilities shall be not utilized by the Contractor, his Sub-contractors, or employees thereof, unless specifically accepted by the Project Manager. Provide chemical toilets or water closets and urinals connected to the sewer in a location accepted by the Project Manager.
- B. Barricades shall be the responsibility of the Contractor and shall be erected as necessary to protect the property, the construction and the public from hazards due to construction.
- C. Signs, other than those identified in these Specifications, shall be prohibited. Notices, required by law, shall be posted and maintained.

1.11 Utilities

- A. All utility fees, including, but not limited to, connection fees, installation fees, meters, monthly service fees and cost of utilities used during the course of construction and establishment are considered a direct cost and are the responsibility of the Contractor until project acceptance by City Council.

1.12 Dust/Noise Control Requirements

- A. Dust and other air pollution nuisances on or adjacent to the site shall be abated, per Section 2 - 1.07 of the General Conditions. Dirt shall not be allowed to accumulate on streets or sidewalks nor be washed into sewer.
- B. Noise from construction operations shall be kept to a minimum. Allowable hours of operations shall be from 7 a.m. to 7 p.m. Monday through Friday. Work on weekends and holidays must be approved by the project manager. Work on

weekends and holidays shall not begin before 8 a.m. and must be completed by 8 p.m.

1.13 Tree Replacement Schedule

- A. Trees damaged or removed without prior approval shall be replaced at an inch per inch basis on-site, except otherwise accepted. New stock shall follow the table provided:

Plant Size	Inch Value
3 Five Gallon Stock	One Inch
1 Fifteen Gallon Stock	One Inch
1 24" Box Stock	Two Inches
1 36" Box Stock	Three Inches

1.14 Inspection of Construction

- A. In addition to the routine inspections performed by the Parks Inspector, portions of work may be inspected by the other city departments. Notify the Parks Inspector and Project Manager a minimum of 48 hours prior to date of inspection.
- B. The Parks Inspector shall be the main line of communication between the site superintendent, the project manager and other City department inspectors. Changes in scope of work or standards shall be approved by the project manager.
- C. Refer to the parks inspection record. This shall be issued at the Pre-Construction meeting and shall be utilized by the Contractor throughout the course of construction. A completed "hard card" shall be submitted to the Project Manager along with required turn in items (See 1.19 this Section) upon final acceptance of the project. The Notice of Completion shall not be filed until all record documents have been received and accepted.

1.15 Adverse Impacts to Site Conditions Due to Construction

- A. Impacts that affect the site conditions to the detriment of the park or streetscape construction or long term viability of the site shall be mitigated by the contractor prior to acceptance of the project. Such impacts shall include, but are not limited to:
1. Soil compaction in non-structural areas;
 2. Diesel or gas fuel leaks/spillage;
 3. Buried concrete or other construction debris;
 4. Hazardous material contamination;
 5. Lime treatment in planting areas;
 6. and more.

1.16 Pre-final (Punch List) Review

- A. Notify, in writing, to the Parks Construction Inspector, that the work is substantially complete. Substantially complete is defined as “the state of work where it may be used in a suitable and intended manner with exception of minor corrections”. Partial acceptances will not be granted. Items to be reviewed as a part of substantial completion include:
1. All construction items
 2. Installation of all site furnishings, including lights and signs
 3. Seeding or sodding of all turf areas
 4. All planting, including weeding of planted areas
 5. The irrigation system is fully functioning as designed and as confirmed by the landscape irrigation audit.
- B. Within five working days of receipt of notification, the Parks Construction Inspector will confirm substantial completion. The Parks Construction Inspector will schedule the punch list walk (pre-final review) within five working days after the project has been determined as substantially complete. A formal punch list will be developed at the punch list walk. The Parks Construction Inspector will provide a copy of the formal punch list to the Contractor within five working days of punch list walk. Performance of the punch list walk does not automatically trigger the start of establishment.
1. If at any point during this review that it becomes apparent that the Contractor has not properly prepared for the site review, the inspection shall immediately be terminated and re-scheduled at such a time as the site has been readied for a review. Any costs for the re-scheduling of the review shall be the responsibility of the Contractor. Lack of site preparation could delay start of the establishment period.
- C. Concurrent to the pre-final review, the City will make a formal request for all required turn-in items to be submitted to the City. All turn-in items shall be submitted to the City (single point of contact), at one time and only by appointment. Do not drop off the turn-in items at the front counter and without an appointment.
- D. Once all turn-in items have been confirmed to be complete and accurate, the establishment period may be considered to begin. The City shall have sole discretion in determining the appropriateness of the commencement of the establishment period and shall notify the developer/contractor in writing of the start and end dates. Portions of the project will not be accepted for establishment prior to the substantial completion of the entire project.

1.17 Establishment Period

- A. The duration of the establishment period shall be:

1. For seeded turf in parks: Ninety (90) calendar days, minimum, and until the Notice of Completion (NOC) for City-built parks has been approved by the City Council, or the deed transferring property ownership, has been recorded at the County for Developer-built parks.
 2. For sodded turf in parks: Forty-five (45) calendar days commencing between March 1st and October 31st and sixty (60) calendar days commencing between November 1st and February 28th, and until the Notice of Completion (NOC) for City-built parks has been approved by the City Council, or the deed transferring property ownership, has been recorded at the County for Developer-built parks.
 3. For streetscapes: Thirty (30) calendar days, minimum, and until final acceptance of all related street improvements subject to approval of a Notice of Completion by the City Council.
- B. Active maintenance is required throughout the entire establishment period. Active maintenance is defined as:
1. All areas within the project site shall be protected against damage including vandalism, erosion, trespass, rodents and other acts. Immediately repair all damaged areas.
 2. All walkways and paved areas shall be kept clean and all debris within planting and turf areas shall be immediately removed.
 3. Automatic irrigation controller shall be fully utilized and irrigation system monitored and adjusted as described in Section 32 84 00 4.03.
 4. All plant and turf maintenance as described in Section 32 90 00 3.11
- C. Prior to the start of the final thirty (30) days of establishment:
1. All punch list items shall be completed.
 2. All certifications and testing shall be completed.
 3. All plantings and turf shall be thriving and in a healthy condition.
 4. 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.

1.18 Final Review

- A. One (1) week prior to the end of the establishment period, a final on-site review shall be conducted to review project readiness for final turn-over. All punch list items must be satisfactorily addressed prior to the final review.
- B. The project shall be prepared and cleaned per Section 2 - 1.12 of the General Conditions; the turf shall be mowed; and the irrigation heads shall be adjusted appropriately one day prior to the scheduled final review.
- C. Acceptance of the project shall be considered "field accepted" and a recommendation will be forwarded to the City Council for "final acceptance" per Section 7 - 1.01 of the General Conditions.

- D. An unaccepted project shall extend the establishment period until such time as the unaccepted portions of the project have been reviewed and field accepted by the Inspector and Project Manager.
- E. Turn over for City maintenance shall occur only after:
 - 1. The specified duration of the establishment period has been successfully completed.
 - 2. If required, the deed transferring property ownership, has been recorded at the County.
 - 3. A Notice of Completion (NOC) for city-built parks and for streetscapes has been approved by the City Council.
- F. Contractor shall provide a written guarantee covering all improvements associated with this project. See 1.19 – Warranties and Guarantees.

1.19 Record Documents

- A. Record documents or as-built plans shall be maintained on-site and updated routinely as specified in Section 2 - 1.13 of the General Conditions. Record documents shall include **all items under the contracted scope of work.**
- B. Record documents shall be submitted:
 - 1. one full size set of final as-built drawings (verified/initialed by the Parks Inspector during the establishment period)
 - 2. one set of 11 x 17 reductions of the complete as-built package; and
 - 3. two sets 11 x 17 laminated reductions of the irrigation plan illustrating with colors the individual controller stations; and
 - 4. one USB storage device containing PDF scanned images (in color) of the verified/initialed as-built drawings.
 - 5. For City of Roseville CIP projects, SWPPP binder.

1.20 Warranties and Guarantees

- A. Warranties are required under various Sections of these Specifications. Prior to final acceptance, the Contractor shall assemble all warranties into a single, bound or stapled package. All warranties shall be clearly labeled and the number of years highlighted. Also, see Sections 7 - 1.10 and 7 - 1.11 of the General Conditions.
 - 1. Warranties for equipment shall be submitted in the manufacturer's standard form and shall be countersigned by the subcontractor or supplier and the Contractor.
 - 2. All other warranties shall be provided in the following format, written on subcontractor's or supplier's letterhead, signed by the subcontractor or supplier and countersigned by the Contractor:

WARRANTY FOR _____ YEARS

"We hereby warrant that the product which we have installed at project name has been done in accordance with the contract documents, and that the work, as installed will fulfill the warranty requirements included in the Specifications.

We agree to repair or replace any or all of our work, together with any other adjacent work which may be displaced by so doing, that may prove to be defective in its workmanship or material within the warranty period stated above commencing from the date of final acceptance of the above named project by the City of Roseville's City Council, without additional expense to the City, ordinary wear and tear and unusual abuse or neglect excepted.

In the event of failure to comply with the above conditions within thirty (30) days of notification by the City, we collectively or separately do hereby authorize the City to proceed with the repairs or replacement of such defects at our expense. Payment of said costs and charges will be forwarded to the City upon demand.

Signed: _____
Subcontractor or Supplier _____ Date

Countersigned: _____
Contractor _____ Date

- B. Guarantees shall be a minimum of one (1) year for all plant material, including trees and shrubs. The guarantee shall state that plant materials (trees & shrubs) to be free of all defects or disease and all plants are in a healthy and thriving condition at the completion of the contract. Deciduous plant material shall be warranted beyond the time of contract completion until such time as growth becomes evident.

PART 2 - PRODUCTS

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PART 3 - EXECUTION

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END OF SECTION

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 01 57 23 STORM WATER POLLUTION CONTROL

PART 1 - GENERAL

1.01 General

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Special Conditions shall be in addition to the standards provided herein.

1.02 References

- A. State Water Resources Control Board Order No. 2009-0009-DWQ National Pollutant Discharge Elimination System General Permit No. CAS0000002, for Storm Water Discharges Associated with Construction and Land Disturbance Activities.
- B. CASQA California Stormwater BMP Handbook – Construction, November 2009

1.03 Definitions

- A. NOI: Notice of Intent
- B. NOT: Notice of Termination
- C. QSP: Qualified SWPPP Practitioner
- D. QSD: Qualified SWPPP Developer
- E. SWPPP: Storm Water Pollution Prevention Plan
- F. SWRCB: State Water Resources Control Board
- G. NPDES: National Pollutant Discharge Elimination System General
- H. WDID: Waste Discharger Identification number
- I. BMP: Best Management Practices

PART 2 - PRODUCTS

Intentionally left blank.

PART 3 - EXECUTION

3.01 SWPPP

- A. Comply with State Water Resources Control Board Order No. 2009-0009-DWQ National Pollutant Discharge Elimination System General Permit No. CAS0000002, for Storm Water Discharges Associated with Construction and Land Disturbance Activities.

- B. A SWPPP has been developed for this project. The SWPPP is a dynamic document and will change as conditions (weather or construction phases) warrant.
- C. Implementation of the SWPPP is the responsibility of the Contractor and a part of this project. Costs associated with implementation and maintenance of the BMPs per the SWPPP shall be included in the lump sum base bid.
- D. Major changes to the SWPPP shall be reviewed by the City's QSD prior to implementation. Cost associated with the major changes will be paid for using the unit cost listed in the Additions or Deletions Sheet of the Proposal
- E. The City's QSP will perform weekly inspections of the jobsite. Implementation of and minor changes to the SWPPP as directed by the City's QSP shall be incidental to the Work. Contractor shall start all inspection corrective actions within 72 hours of observation, and complete as soon as possible.
- F. All BMPs installed will be inspected by the City's QSD/QSP for compliance with the SWPPP and BMP Fact Sheets. BMPs that are not in compliance shall be brought into compliance by the Contractor at no cost to the City.
- G. Keep one copy of the SWPPP and amendments at the project site.
- H. The SWPPP shall be readily available throughout the course of construction and until the NOT has been accepted by SWRCB. The SWPPP shall be made available upon request by a representative of the Regional Water Quality Control Board, State Water Resources Control Board, United States Environmental Protection Agency, or City' storm water staff.
- I. At the end of the establishment period, the Contractor shall submit the project site copy of the SWPPP including copies of all inspections, Rain Event Action Plans (REAPs), reports, and sampling and analysis results to the City's Project Manager.

3.02 Schedule

- A. Contractor shall develop a Water Pollution Control Schedule that describes the timing of grading or other work activities that could affect water pollution. The schedule shall be updated by the Contractor to reflect changes in the Contractor's operations that would affect the necessary implementation of water pollution control practices. The typical sequence of work shall be adjusted by the Contractor based on weather conditions and forecasted rain events. The schedule is considered an appropriate and applicable BMP.

3.03 Penalties and fines

- A. Contractor is responsible for all penalties and fines assessed to or levied on the project related to the implementation of the SWPPP.
- B. In an effort to maintain compliance with the General Permit, the Contractor may be asked to make changes to the BMPs. If the Contractor is unable to perform

these services in a timely manner the City reserves the right to address any areas of concern and deduct the cost from the contract.

3.04 BMP's

- A. Construction BMP's shall be installed per the Erosion / Sediment Control Plan and project SWPPP, and in accordance with the CASQA California Stormwater BMP Handbook. Use of alternative BMP's will be reviewed and accepted at the discretion of the City's QSD.

3.05 Cleaning

- A. Thoroughly clean all areas where work has occurred. Remove from the site excess material, debris and rubbish.
- B. Take all precautions to protect completed work. Immediately repair or replace all damaged areas due to tire ruts, erosion, compaction failure, etc. Keep all erosion control measures intact.

3.06 Winter Construction Suspension

- A. Contractor shall include a winter construction suspension as part of the construction schedule. The counting of working days will be suspended during the winter suspension period. It is at the City's sole and complete discretion to determine the start and end dates of the winter construction suspension. The City will notify the Contractor 10 working days before the start of the winter construction suspension. The City will notify the Contractor 10 working days before the end of the winter construction suspension. The Contractor shall begin work within 15 calendar days after receiving the notice of the end of the winter construction suspension.
- B. Contractor shall include an allowance of (\$15,000) for the winter construction suspension per the bid documents. Costs associated with preparing the site for the winter construction suspension and costs associated with corrective actions required during the winter construction suspension will be paid for using the allowance on a Time & Materials Basis according to the allowable mark-ups in the project's General Conditions, or per an approved lump sum or unit price quote. Costs to implement and maintain the BMPs per the Erosion and Sediment Control Plan are excluded from the winter suspension allowance and shall be included in the lump sum base bid.
- C. Prior to the winter construction suspension, stabilize all exposed soils at the direction of the City's QSD/QSP. In addition, all adjacent drainage inlets shall be protected and perimeter control shall be installed and in good repair.
- D. Traffic on the construction site shall be kept to minimum. All traffic entering or exiting the site must use the stabilized construction entrance.

- E. Where there are areas of concentrated runoff flows, Contractor shall protect the soil from erosion.
- F. Per the Construction General Permit Requirements, inspections by the City's QSD/QSP will continue into and through the winter suspension period. Inspections will occur before, during, and after each qualifying storm event (0.5" or more precipitation) and at least once per week. Contractor shall start all inspection corrective actions within 72 hours of observation, and complete as soon as possible.
- G. Should rain be forecast at 50% or better by NOAA, the City's QSD/QSP will prepare a Rain Event Action Plan (REAP) and email such document to the Contractor. Contractor shall complete all corrective actions within the REAP prior to the start of precipitation.
- H. The City's QSD/QSP will be sampling all discharge to ensure compliance with runoff standards for pH and turbidity. If the water sampling indicates compliance issues, Contractor shall make repairs or adjustments to BMPs immediately, and respond to any such requests within 24 hours.

END OF SECTION

SECTION 03 30 00 SITE CONCRETE

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
- C. The standards set forth in the City of Roseville Design and Construction Standards and the City of Roseville Parks Construction Standards, latest editions, shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of all concrete work, flatwork and poured-in-place as shown in the Plans and as specified herein.

1.03 References

- A. Caltrans Standard Specifications, latest edition.
- B. California Building Code (CBC) and California Administrative Code (Title 24), latest editions.

1.04 Quality Assurance

- A. For all flatwork, the Contractor shall pour a two-foot by two-foot (2' x 2') sample of each type of finish specified for review and acceptance by the Project Manager prior to pouring any concrete. The accepted samples shall remain on-site and intact until all concrete work has been completed. The quality of the concrete work shall be measured by the accepted samples.
- B. During the course of construction, a qualified testing laboratory shall obtain samples as determined by the Inspector and conforming to federal and state codes and standards. Such costs shall be paid for by the City. Re-tests and removal of below acceptable strength concrete shall be borne by the Contractor. The Contractor shall cooperate with the testing during the course of obtaining such samples.
- C. Variances in surface grades of more than 1/8", as measured by a straight edge ten feet (10") long, shall be corrected to the satisfaction of the Inspector. Remove all areas where standing water occurs, including any surface irregularities.

1.05 Handling and Storage

- A. Comply with ATSM C-94, "Specifications for Ready Mix Concrete" for the batch, mix and transport of concrete.
- B. Mix and deliver only the amount that will be poured immediately.

1.06 Record Drawings

- A. The Contractor shall keep an accurate record of the as-built conditions of the site concrete. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the "as-builts" to ensure compliance of the above.

PART 2 - PRODUCTS

2.01 Concrete

- A. Concrete for play area curbs, sidewalks, and accessible ramps shall conform to the provisions of Section 90-2 "Minor Concrete" of the Caltrans Standard Specifications. Cementitious material shall be "Type II Modified" and shall contain no less than 505 pounds of cementitious material per cubic yard. Aggregate shall be not greater than one-inch or smaller than 3/8-inch. Submit concrete analysis for review and acceptance prior to placement of concrete.

2.02 Fiberglass Reinforcement

- A. Fibers for concrete shall be Fibermesh 150, as manufactured by Sika USA; or accepted equal. Fibers shall contain 100 percent virgin polypropylene multifilament fibers, e3 patented technology, containing no reprocessed olefin materials. The fibers shall conform to ASTM C1116 Type III and manufactured specifically for the secondary reinforcement of concrete.

2.03 Expansion Joint Material

- A. Fiber expansion joint shall conform to ASTM-1751 and shall be a non-extruding resilient filler. Filler shall have preserve attributes and high quality bituminous materials.
- B. Apply Sikaflex elastomeric sealant, or accepted equal, over all expansion joints.

2.04 Concrete Forms

- A. All forms shall be new at the start of the project and shall be construction grade Douglas Fir. Minimum size lumber shall be 2 x 6.
- B. Radius bends shall be formed by spring steel forms or laminated boards, as required.
- C. Plywood shall be 5/8", Class I, exterior grade as outlined in APA "Guide to Plywood Grades". Omit mill oiling treatment.

2.05 Coloring Agents

- A. standard gray, provide city standard concrete mix color.

PART 3 - EXECUTION

3.01 Poured-In-Place Concrete Forms

- A. Concrete for hardscape or flatwork shall be placed on subgrade compacted to 95% relative compaction. Prior to placement of concrete, a soils compaction test must be performed by an accepted soils testing professional on a representative number of locations along the flatwork area. The City or project owner shall provide the initial test. The results of these tests must be available and meet acceptable levels prior to pouring. Re-tests and re-work of any area, as directed by the soils professional, shall be the responsibility of the Contractor.
- B. Construct forms to conform to the shapes, dimensions and details shown on the Plans. All forms shall be true to lines, plumb, level and square.
- C. Forms shall not leak, spread, shift or settle when concrete is placed.
- D. All forms shall carry dead and live loads and shall not deflect more than 1/8" between supports after placement of concrete.
- E. All forms shall be thoroughly soaked a minimum of twelve (12) hours prior to pouring of concrete. Forms shall be treated per manufacturer's recommendations.
- F. Reuse of forms may be allowed at the discretion of the Inspector. Reused forms shall be cleaned and free of defects that would affect the final concrete finish.
- G. Concrete footings shall be formed only when excavations slump or cave in. Over-excavate the trench or footing diameter to accommodate the forms' installation and removal. Apply water to moisten soil. Do not allow water to create mud or ponding.

3.02 Fiberglass Reinforcement

- A. Install per manufacturer's instructions. Apply at the batch plant prior to delivery. Thoroughly mix fiber material to avoid "clumping".

3.03 Expansion Joints

- A. Expansion joints shall be placed where vertical elements meet horizontal paving unless otherwise noted on the Plans. This shall include vertical expansion joints on play area curb walls, buildings, shade structures, walls and/or planters. The corners of the paving shall be tooled at the expansion joints. Trim exposed fibers which protrude above or beyond the finish surface of paving or the finish surface of the wall.

3.04 Control Joints for Concrete Sidewalks

- A. Control joints shall be per detail PK-32 with deep, straight and finished with rounded edges. Control joints shall be placed (on-center) a distance equal to the width of the concrete walkway, unless otherwise shown on the Plans. For example a ten-foot wide walkway shall have control joint placed ten feet on center. Control joints shall not dead-end into an adjacent panel, and shall not create acute angles that are prone to break off.

3.05 Admixtures

- A. Contractor to submit admixtures for city approval.

3.06 Placement of Concrete

- A. Do not pour concrete in weather below 40 degrees F. or when temperatures are predicted to fall below freezing within 24 hours, except with prior authorization.
- B. Concrete shall be transit mixed according to ASTM C-94. Limit the quantity of water to the required strength. Concrete shall be of a consistency that it flows slowly into the forms.
- C. Mixing of concrete shall be continuous commencing from the time water is added to the mix until such time that the concrete is poured. All concrete shall be placed within an hour of the time when water is first added.
- D. Concrete shall be deposited up to the finished height of the forms and up to the adjacent joint. No partial pours will be allowed. Excess material shall be dumped on-site and later removed by the Contractor.
- E. Thoroughly compact the concrete manually spading and tamping concrete into all corners of the forms and by utilizing a high-speed mechanical vibrator. Retain a standby vibrator on-site during the course of concrete work. When utilizing the vibrator, take precautions to avoid impact on the forms.
- F. After obtaining uniform compaction, screen tamper all flatwork surfaces, screed and bull float to ensure that large aggregates are pushed below the surface. When it is practical to work on the surface, wood float, steel trowel paving to a uniform surface.
- G. Concrete elements shall not exceed the following tolerances:
 - 1. Linear: 1/8"
 - 2. Slab deviation: 1/8" in 10"

3.07 Finishes

- A. Finishes shall be as shown on the Plans and shall be consistent in quality throughout the project. Medium broom finished concrete shall have clean, deep control joints spaced appropriately. No visible cracks or discoloration will be accepted. Finishes on vertical surfaces shall be consistent throughout. Vertical

expansion joints are spaced as identified on the plans and are smooth with the finish surfaces. All edges for flatwork and vertical surfaces shall be eased at a consistent radius.

- B. Upon completion of float finishing, provide the final finish as follows:
 - 1. Medium Broom Finish: shall be accomplished by pulling a stiff bristle broom across a floated surface. The direction of the broom shall be perpendicular to the path of travel, unless otherwise shown on the Plans.

3.08 Removal of Forms

- A. Forms shall remain in place as follows:
 - 1. For mass concrete work: 5 days.
 - 2. For other flatwork and other concrete work: 3 days.
- B. Remove all bolts, nails, ties, wires, etc. a minimum of one inch (1") below the surface of the concrete. Remove imprints, irregularities or other such defects and patch as directed by the Inspector.

3.09 Curing and Protection

- A. Allow adequate time for the concrete to cure. In temperatures above 75 degrees F., ensure that the concrete surface remains wet for a period of seven (7) days minimum.
- B. Protect all concrete from damage during the curing period. This shall include damage from sun, rain, flowing water, frost, mechanical injury, tire tracks, footprints, oil stains, etc. Should such damage occur, Contractor shall take immediate action to repair damage to the satisfaction of the City.

3.10 Clean-Up

- A. During the course of this work, the area shall be kept clear and free of debris as realistically possible. Upon completion of concrete work, completely remove from the site all used forms, hardware, spillage, rejected work and other materials.
- B. Remove from site furnishing posts all concrete "slobber". Re-touch posts as necessary for a clean finish.

END OF SECTION

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 05 12 00

STRUCTURAL AND MISCELLANEOUS STEEL (GENERAL)

PART 1 - GENERAL

1.01 Conditions

- A. The general provisions of the Contract, including General and Special Provisions apply to the work specified in this Section.

1.02 Scope of Work

- A. Furnish all labor, materials, and equipment as required to fabricate and install all structural and miscellaneous steel work as indicated on Drawings and specified herein.
- B. Although such work or materials are not specifically indicated, furnish and install all supplementary or miscellaneous items, appurtenances and devices incidental to or necessary for a secure and complete installation.
- C. Provide shop drawings for all work.
- D. Completely coordinate with work of all other trades.

1.03 References (Latest Edition)

- A. AISC: Standard Specifications for the Design, Fabrication and Erection of Structural Steel for Buildings by the American Institute of Steel Construction (AISC).
- B. AISC – Code of Standard Practice – Manual of Steel Construction – Allowable Stress Design (ASD).
- C. AISC – Code of Standard Practice of Steel Buildings and Bridges.
- D. ASTM A36 – Structural Steel.
- E. ASTM A-53: Black and Hot Dipped Zinc – Coated Welded and Seamless Steel Pipe.
- F. ASTM A-120: Black and Hot Dipped Zinc – Coated Welded and Seamless Steel Pipe.
- G. ASTM A307 – Carbon Steel Externally Threaded Standard Fasteners.
- H. ASTM A500 – Cold Formed Welded and Seamless Carbon Steel Structural Tubing in Round and Shapes.
- I. ASTM A501 – Hot Formed Welded and Seamless Carbon Steel Structural Tubing.
- J. AWS A2.4 – Symbols of Welding, Brazing, and Nondestructive Examination.
- K. AWS D1.1 – Structural Welding Code.
- L. SSPC (Steel Structures Painting Council) – Painting Manual.
- M. California Building Code (CBC), latest edition.

1.04 Regulatory Requirements

- A. Safety Requirements: Work shall comply with all Federal, State and municipal regulations regarding safety, including the requirements of the following:
 - 1. William-Steiger Occupational Safety & Health Act of 1970
 - 2. State of California, California Administrative Code, Title 8 Industrial Relations, Chapter 4, Subchapter 4, "Construction Safety Orders" and other State and local agencies having jurisdiction.
- B. California Building Code (CBC), latest edition.

1.05 Submittals

- A. Shop Drawings: General
 - 1. Before any structural steel is fabricated or delivered to jobsite, submit Shop Drawings in accordance with the General Conditions of these specifications.
 - 2. Shop Drawings shall clearly show all pieces with all pertinent dimensions, data, layout, sizes and weights, connections, and all controlled dimensions and elevations. Drawings shall clearly distinguish between shop and field bolts and welds. Errors in dimensions shown on shop drawings shall be responsibility of Contractor.
 - 3. Show details, including cuts, copes, connections, holes, threaded fasteners, and welds in accordance with AWS.
 - 4. Indicate which structural units, members or brackets require field cuts or welds due to construction techniques.
 - 5. Indicated metal fabricator's method for radius form bents of pipe or tubing.
 - 6. All shop and field welds shall be indicated by AWS Welding Symbols.
 - a) Indicate size, length and type of each weld.
 - b) Special Inspection required by CBC and Building Department.
- B. Welding:
 - 1. Certification of Welder's Qualifications.
 - 2. Welding Procedure: Submit descriptive data to illustrate welding procedures to be performed.

1.06 Quality Assurance

- A. Fabricated structural steel members in accordance with AISC Code of Standard Practice.
- B. Perform Work in accordance with AISC Section 10.
- C. Perform Work in accordance California Building Code (CBC), latest edition.
- D. All welding procedures, welders, welding operation, and tackers shall be qualified in accordance with AWS Standard Code D1.1.
- E. Maintain one copy of each document on site.
- F. Fabricator: Company specializing in performing the work of this section.
- G. Erector: Company specializing in performing the work of this section.

- H. All construction shall conform to applicable building codes, project specifications and applicable regulations. Where the provisions of applicable codes, material manufacturer's requirements, and project specifications conflict, the more stringent provision shall govern.
- I. Certification: Furnish, before fabrication, a mill certified report (in duplicate) of the tests for each heat of steel or iron from which the material is to be fabricated, containing the results of chemical and physical tests required by the ASTM specifications for the materials.
- J. Qualify welding processes and welding operators in accordance with AWS "Standard Qualifications Procedure". Provide certification that welders to be employed in work have satisfactorily passed AWS qualification test within the previous twelve (12) months. If recertification of welders is required, retesting will be Contractor's responsibility.
- K. Work shall comply with the Drawings, Specifications and accepted Shop Drawings in every aspect. All errors of fabrication and connections, defective materials, fasteners, and workmanship shall be replaced at the expense of the Contractor.

1.07 Delivery, Storage and Handling

- A. Deliver anchor bolts and anchorage devices which are to be embedded in cast-in-place concrete or masonry in ample time so as not to delay that Work.
- B. Store materials to permit easy access for inspection and identifications. Keep steel members off the ground using pallets, platforms, or other supports. Protect steel members and packaged materials from corrosion and deterioration. Remove any damaged items from the site and replace at no cost to the Owner.
- C. Use all means necessary to protect structural steel before, during and after installation.

1.08 Coordination

- A. Coordinate and furnish all required anchorages, templates, and patterns, setting drawings, and installation directions for all built-in items. Supervise the proper location and the installation of all built-in items. Deliver all items required to be embedded in concrete, masonry or built into other material to their respective Contractor. Provide holes and connections for Work of others Contractors.

1.09 Field Measurements

- A. Take field measurements prior to preparation of Shop Drawings and metal fabrication. Proper fit and attachments of all items is required; allow for trimming and fitting when taking field measurements before metal fabrication.

1.10 Shop Assembly

- A. Preassemble items in shop to greatest extent possible to minimize field splicing and assembly. Disassemble units only as necessary for shipping and handling limitations. Clearly mark units for reassembly and coordinated installation.

PART 2 - PRODUCTS

2.01 General

- A. Use materials of size and thickness indicated or, if not indicated, as required to produce strength and durability in finished product for use intended.
- B. Metal surfaces used for fabrications of miscellaneous metal items which will be exposed to view shall be smooth and free of surface blemishes including pitting, seam marks, roller marks, rolled trade names and roughness.
- C. All other materials not specifically described, but required for a complete and proper installation, shall be new, free from rust, best quality of their respective kind, and subject to the approval of the Project Inspector.

2.02 Steel Plates, Shapes and Bars

- A. All miscellaneous steel shall be standard cold-rolled sections, new, free from rust, and conforming to ASTM A-36.

2.03 Steel Pipe

- A. All steel pipe shall be black steel pipe, except where indicated to be galvanized, complying with provisions of:
 - 1. ASTM A-120, Schedule 40 for pipe less than four (4) inch diameter.
 - 2. ASTM A-53 ERW for pipe greater than four (4) inch diameter.

2.04 Steel Tubing

- A. All steel tubing shall be cold-formed steel tubing conforming to ASTM A-500, Grade B.

2.05 Fasteners

- A. General: Provide electro-zinc plated fasteners for exterior use or where built into exterior walls or slabs. Select fasteners for the type, grade and class specified.
- B. Bolts and Nuts: Regular hexagon-head carbon steel type conforming to ASTM A-307, Grade A with electro-zinc plating.
- C. Flat Washers: U.S.S. standard round carbon steel type conforming to FS FF-W-92 with electro-zinc plating.
- D. Lock Washers: Helical spring carbon steel type conforming to FS FF-W-84 with electro-zinc plating.

- E. Anchor Bolts: Nonheaded "J" bolt type, unless otherwise indicated on Drawings, conforming to ASTM A-307, Grade A with electro-zinc plating.

2.06 Shop Paint

- A. Primer shall be Red Oxide Primer, conforming to Federal Specification TT-P-31 for steel surfaces and Federal Specifications TT-P-64b for galvanized surfaces.

2.07 Grout

- A. Pre-mixed, factory packaged, non-shrinking, non-metallic, non-staining, non-corrosive and non-gaseous group complying with CE CRD-C588. Provide grout specifically manufactured for exterior applications.

PART 3 - EXECUTION

3.01 General

- A. Comply with AISC Code and Specifications and maintain Work in safe and stable conditions during erection. Provide temporary bracing and shoring as required; remove when final connections are in-place.
- B. Execute all Work using skilled metal workers only. Do all welding as per AWS Specifications with certified welders.
- C. When possible, fit and shop assemble all metal Work, ready for installation, with shop and field connections welded or attached with fasteners as indicated on Drawings.
- D. Prior to all work of this Section, carefully inspect the installed work of all other trades and verify that all such work is complete to the point where fabrication and installation of the work of this section may properly commence.
- E. Make all required measurements in the field to ensure proper and adequate fit of miscellaneous metal items.
- F. It is the intent of the Drawings to indicate detail connections. Where connection detail is not shown, detail shall be patterned after a connection similar condition, or an AISC standard type.

3.02 Fabrication

- A. General
 - 1. Use materials of size and thickness indicated on Drawings or on accepted Shop Drawings to produce strength and durability in finished product for use intended. Work to dimensions are indicated on drawings or on accepted Shop Drawings, using proven details of fabrication and support.
 - 2. All fabrication shall be in accordance with AISC Specifications for fabrication of structural steel, California Building Codes, and requirements of regulatory agencies.

3. Do not field cut or alter structural metal units, members or brackets without accepted Shop Drawings.
 4. Fabricate and pre-assemble work in shop to greatest extent possible.
 5. Fabricate exposed work true to line, shape and level with accurate angles and radiuses. Ease exposed metal edges to a radius of approximately 1/32 inch.
 6. Make cuts, bends, punching and drilling accurate, neat and properly located. Grind and file smooth all parts exposed to view; leave exposed surfaces free of fabrication marks. Mark and match-mark units requiring field assembly.
 7. All welds shall be continuous, unless otherwise indicated, complying with AWS Specifications. Form exposed connections with tight, flush and smooth hairline joints. Grind exposed welds smooth and flush to match and blend with adjoining surfaces.
 8. Cut, reinforce, drill and tap fabricated metal work as indicated on Drawings to receive finish hardware, fasteners and similar items.
- B. Bolted Connections:
1. Punch or drill holes 1/16 inch larger than bolt size and spear-ream before inserting bolts.
 2. Ream unfair holes, but only up to next larger bolt size. Where unfairness exceeds maximum, weld hole in base material solid and drill hole of proper size.
 3. As erection progresses, bolt up work to take care of dead load, lateral forces, and erection stresses. Provide any additional bracing necessary to resist all possible forces during erection. Contractor is entirely responsible for the stability of the structural steel work until the job is complete.
- C. Assembly with Standard Threaded Fasteners:
1. Beveled Washers: Provide under bolt heads or nuts resting on surfaces exceeding 5 percent slope with respect to head or nut.
 2. Draw up tight, check threads with chisel, or provide approved lock washers or self-tightening nuts.
- D. Welded Connections:
1. Perform welding using shielded metal arc, submerged arc, gas metal arc, or flux cored arc methods in accordance with appropriate sections of AWS D1.1 and CBC Chapter 27.
 2. In addition to specific requirements of Drawings, details of welded joints shall comply with all requirements for joints which are accepted without qualification tests under the AWS Code. If sizes of fillet welds are not shown on Drawings, use AWS minimum weld size, but not less than thinnest part thickness minus 1/16 inch.

3. Plan welding operations to eliminate stress build-up.
4. Field Welding:
 - a) Perform field welding in accordance AWS D1.1.
 - b) Where field welding is applied to existing flexural members involving application of significant amounts of heat to member, provide temporary shoring to prevent deflections.
 - c) Provide Special Inspection per the CBC, latest edition.
- E. Column Bases:
 1. Finish in accordance with AISC. Lack of contact bearing with column shall not exceed 1/16 inch.
- F. Bearing Plates:
 1. Finish in accordance with AISC. Provide for attachment as shown on Drawings.
 2. Cut, drill (tap where indicated or required), or punch holes perpendicular to metal surfaces. Do not flame cut holes or enlarge holes by burning. Drill holes in bearing plates.

3.03 Shop Painting

- A. Shop paint all metal Work, except members or portions of members to be embedded in concrete or masonry, surfaces and edges to be field welded, stainless steel, and galvanized surfaces, unless otherwise indicated.
- B. Clean all metal work to be primed and painted in accordance with Section 09 91 00 – Painting and Finishes.
- C. Immediately after surface preparation brush or spray on primer in accordance with manufacturer's instruction at a rate to provide uniform dry film thickness of 20 mils for each coat. Use painting methods which will result in full coverage of joints, corners, edges and exposed surfaces.
- D. Apply one (1) shop coat to fabricated metal items, except apply two () coats of primer to surfaces inaccessible after assembly or installation.
- E. Give any painted built-in portions one (1) field coat of primer on all abraded areas after installation.

3.04 Galvanizing

- A. All metal fabrications intended for exteriors use or for use in high moisture areas are to be hot-dip galvanized, unless otherwise noted.
- B. Hot dip galvanizing or zinc coatings, applied on products fabricated from rolled, pressed and forged steel shapes, plates, bars and strips shall comply with ASTM Specification A123-73.
- C. Hot dip galvanizing or zinc coatings on assembled steel products shall comply with ASTM Specifications A386.

- D. The weight of coatings shall be as designated in Table 1 for the class and thickness of material to be coated. Galvanized surfaces for which a shop coat of paint is specified shall be chemically treated to provide a bond for the paint.
- E. Except for bolts and nuts, all galvanizing shall be done after fabrication.

3.05 Installation

A. General:

1. Compliance: Erect and install all miscellaneous metal in strict accordance with the Drawings, the reviewed shop drawings, and the referenced standards, aligning straight, plumb, and level within a tolerance of one in 200. Accurately assemble structural steel to lines and elevations indicated, within specified AISC tolerances.
2. Splice metal work only where indicated and approved on shop Drawings.
3. Install anchorage devices and fasteners where required for securing miscellaneous metal fabrications to in-place construction; including anchorage devices and fasteners that require to be cast into concrete or masonry. Provide temporary bracing or anchors in formwork for items cast into concrete or similar construction.
4. Perform cutting, drilling, and fitting required for installation of miscellaneous metal fabrications. Set Work accurately in location, alignment and elevation. Install items plumb, level, true and free of rack; measured from established lines and levels.
5. Fit exposed connections accurately together to form tight hairline joints. Weld connections which are not to be left as exposed joints, but cannot be shop welded due to shipping size limitations. Grind exposed joints smooth and touch-up shop paint coat.
6. Do not weld, cut or abrade the surfaces of exterior units which have been hot-dip galvanized after fabrication, and are intended for bolted or screwed field connections.
7. All field welds shall conform to AWS Specifications. Grind all exposed welds smooth and flush to match and blend with adjoining surfaces.
8. Clean and touch-up all field welds and scratches with shop paint as specified.

3.06 Finishes

- #### **A. Finish all fabricated metal Work as per Section 09 91 00: Painting and Finishes**

END OF SECTION

SECTION 09 91 00 PAINTING AND FINISHES (GENERAL)

PART 1 - GENERAL

1.01 Conditions

- A. The general provisions of the Contract, including General Conditions and Special Provisions apply to the work specified in this Section.

1.02 Description

- A. Work includes, but is not limited to the following:
 - 1. Provide all materials, tools, equipment, appliances, labor and supervision required to paint and finish all surfaces and/or components as specified herein and as indicated on the Drawings, including all miscellaneous items and labor required to complete the Work of this Section.
 - 2. Surface preparation, priming and painting of all metal surfaces as indicated on Drawings or as follows:
 - a) Miscellaneous surfaces.
 - 3. All surfaces that are left unfinished by the requirements of other sections shall be painted or finished as part of this contract.
- B. Related Work described elsewhere.
 - 1. Section 05 12 00: Structural and Miscellaneous Steel
- C. Definition: The term "paint", as used herein, shall mean all coating systems materials, including primers, emulsions, enamels, stains, sealers and fillers, and other applied materials whether used as prime intermediate or finish coats.

1.03 Work Not Included

- A. Pre-Finished Items: Unless otherwise specified or indicated on the Drawings, do not include the painting of items that are specified to receive manufacturer's factory finish, i.e. such items as site furnishings, irrigation equipment, electrical equipment, etc. See applicable Sections.
- B. Finished Metal Surfaces: Unless otherwise specified, all metal surfaces or anodized aluminum, stainless steel, chromium plate, copper, bronze or similar finished materials do not require painting.

1.04 Submittals

- A. Provide in accordance with the General Conditions prior to ordering material, a complete, detailed list of materials proposed for use on work. Include affidavit from manufacturer stating that proposed materials are the best of their

respective kinds and suitable for intended purpose. Submit in ample time to avoid delays in work if the list, or portions thereof, are rejected.

- B. Painter shall prepare and submit color samples to match color chips in 12- inch square size and must receive approval from Project Inspector before applying final paint coats to finish surfaces. Approved samples shall be retained at the Project Inspector's office for record.

1.05 Paint Coordination

- A. Provide prime coats which are compatible with finish paints used. Review other Sections of these specifications in which prime paints are to be provided to ensure compatibility of total painting system for various surfaces. Upon request from other trades, furnish information and specifications for finish materials proposed for use, to ensure compatible prime coats are used. Provide barrier coats over incompatible primers or remove and reprime as required. Notify Project Inspector in writing of any anticipated problems using specified painting systems with surfaces primed by others.

1.06 Job Conditions

- A. Applicator shall examine areas, surfaces and conditions under which painting Work is to be applied and notify the Project Inspector in writing of conditions detrimental to proper and timely completion of Work. Do not proceed with Work until unsatisfactory conditions have been corrected in a manner acceptable to Project Inspector and Applicator, or Applicator shall assume responsibility for and rectify any unsatisfactory finish resulting.
- B. Starting of painting Work shall be construed as Applicator's acceptance of surfaces and conditions.

1.07 Weather Conditions

- A. Apply water base paints only when temperature of surfaces to be painted and surrounding air temperature are between fifty (50) degrees F (10 degrees C) and ninety (90) degrees F (32 degrees C), unless otherwise permitted by paint manufacturer's printed specifications.
- B. Apply solvent-thinned paints only when temperature of surfaces to be painted and surrounding air temperatures are between forty-five (45) degrees F (7 degrees C) and ninety-five (95) degrees F (35 degrees C), unless otherwise permitted by paint manufacturer's printed specifications.
- C. Do not apply paint in rain, fog or mist; or when relative humidity exceeds eighty-five (85) percent; or to damp or wet surfaces.

1.08 Delivery and Storage

- A. Deliver materials to job site in original, new and unopened packages or containers bearing manufacturer's name and label, and the following information:
 - 1. Manufacturer's Name
 - 2. Manufacturer's stock number and date of manufacture
 - 3. Special color mix: name and number
 - 4. Contents by volume for major pigment and vehicle constituents
 - 5. Thinning instructions
 - 6. Application instructions
- B. Store materials and equipment as approved by applicable codes and enforce good housekeeping practices. Any soiled or used rags waste, etc., shall be removed from the site every night and every precaution shall be taken to avoid the danger of fire. No paint materials shall be washed or emptied on the site or into any sewer drains, storm drains or street gutters.

1.09 Protections

- A. Protection Work of other trades, whether to be painted or not, against damage by painting and finishing Work. Provide suitable covering or other methods of protection during progress of this Work. Correct any damage by cleaning, repairing or replacing, and repainting, as acceptable to the Project Inspector.
- B. Provide "Wet Paint" signs as required to protect newly painted surfaces. Remove all protective materials upon completion of the Work and touch-up and restore all damaged or defaced surfaces, including the removal of paint spots from other surfaces.

1.10 Guarantee

- A. Adhesion: All materials applied shall be guaranteed for a period of two (2) years against failure due to surface conditions, materials, or application. There shall be no evidence of fingerprints blisters, running, peeling, scaling, chalking, streaks or stains.

PART 2 - PRODUCTS

2.01 Color Schedule

- A. Project Inspector shall furnish to the Contractor a color schedule of paints to be used based on one of the approved manufacturer's color charts or requirements for specially mixed colors. Use of one of the other approved manufacturer's requires the Contractor to match the color schedule provided by the Project Inspector.

- B. Manufacturers names used to designate colors of color schedule is not intended to imply that products names are required to the exclusion of equivalent products of other manufacturers.
- C. All colors and manufacturers shall be approved and authorized by the Project Inspector before commencing work.

2.02 Materials Quality

- A. Provide best quality grade of various types of paints as regularly manufactured by acceptable paint materials manufacturer. Materials not displaying manufacturer's identification as a standard, best-grade product will not be acceptable. Acceptable paint manufacturers include:
 - 1. Kelley-Moore
 - 2. Benjamin Moore Company
 - 3. The Glidden Company
 - 4. Pratt and Lambert, Inc.
 - 5. Dunn and Edwards
 - 6. Sherwin-Williams
 - 7. W.P. Fuller Company
 - 8. Tiger Drylac
- B. Provide primer and undercoat paint produced by the same manufacturer as finish paint. Use only thinners approved by paint manufacturer, and use only within recommended limits.
- C. Epoxy paints and wood stains for use in standard comfort stations shall be as specified on plans.

2.03 Metal Primer

- A. Primer for metal surfaces shall be Red Oxide Primer, conforming to Federal Specification TT-P-31 for metal surfaces and Federal Specification TT-P-64b for galvanized surfaces.

PART 3 - EXECUTION

3.01 Surface Preparation

- A. General: Perform preparation and cleaning procedures in accordance with paint manufacturer's instructions, and as herein specified, for each particular surface condition.
- B. Paint no items fitted with finish hardware or other similar items until hardware has been removed or provided with surface-applied protection prior to surface preparation and painting operations. Install hardware or remove surface-applied protection after paint has dried.

C. Metal Surfaces: Clean all metal surfaces, which are not galvanized or shop-painted, of scale, dirt, rust and other deleterious materials before priming. Clean metal in accordance with Steel Structures Painting Council (SSPC) Specifications.

1. SP-2: Hand Tool Cleaning
2. SP-3: Power Tool Cleaning
3. SP-7: Brush-off Blasting Cleaning

Remove oil, grease, and similar contaminants in accordance with:

1. SP-1: Solvent Cleaning

D. Galvanized Surface: Clean all galvanized surfaces of oil and other surface contaminants with a crystalline zinc phosphate pretreatment (phosphoric acid etch). Remove pretreatment solution by thoroughly washing with clean water and wipe dry.

3.02 Materials Preparation

- A. Mix and prepare painting materials in accordance with manufacturer's specifications.
- B. Stir materials before application to produce a mixture of uniform density, and stir as required during application. Do not stir surface film into materials. Remove film and if necessary, strain materials before using.

3.03 Application of Primer Coat

- A. Apply primer coat to all surfaces which are required to be painted or finished, and which have not been prime coated or shop-painted by others. For metal surfaces, touch up shop-painted coats as required.
- B. Immediately after surface preparation brush or spray on primer in accordance with manufacturer's instructions at a rate to provide uniform dry film thickness of two (2.0) mils for each coat. Use painting methods which shall result in full coverage of joints, corners, edges and exposed surfaces.
- C. All primer coats shall be free from runs, sags, and other defects. All coats shall be thoroughly dry before applying succeeding coats.
- D. Apply one (1) coat of metal primer for metal surfaces, as specified and/or as recommended by manufacturer's instructions.

3.04 Application of Paint

- A. Apply paint in accordance with manufacturer's instructions. Use applicators and techniques best suited for each surface and type of materials being painted.
- B. All painting Work shall be done by skilled workman in a professional manner. All coats shall be evenly spread and shall be free from run, sags and other defects. All coats shall be thoroughly dry before applying succeeding coats.

- C. All individual coats of paint shall be inspected and approved by the Project Inspector before application of the succeeding specified coat; otherwise no credit for the coat applied shall be given, and the Applicator shall automatically assume responsibility to recoat the Work. The applicator shall provide the Project Inspector a report of each coat applied when completed for inspection and approval to comply with the above.
- D. Where coverage is incomplete, not uniform, or not to the required dry film thickness, provide an additional coat at no extra cost to the Developer.
- E. Apply finish coats of paint to all exposed surfaces as follows:
 - 1. For primed metal surfaces, apply two (2) coats of 100% acrylic latex base paint, per manufacturer's recommendations. Apply first coat of paint within 72 hours of primer application. If first coat of finish paint cannot be applied within the specified application time, the contractor shall re-clean and re-primer all exposed metal surfaces prior to start of metal painting operations.
- F. Give special attention to ensure that surfaces, including edges, corners, crevices, welds, and exposed fasteners, receive a dry film thickness equivalent to that of flat surfaces.
- G. Apply first-coat material to surfaces that have been cleaned, pretreated or otherwise prepared for painting as soon as practical after preparation and before subsequent surface deterioration's.
- H. Allow sufficient time between successive coatings to permit proper drying. Do not recoat until paint has dried to where it feels firm, does not deform or feel sticky under moderate thumb pressure and application of another coat of paint does not cause lifting or loss of adhesion of the undercoat.
- I. Apply all coating without reduction, except as specifically required by label directions, or required by this Section.
- J. Sand carefully between all coats on smooth surfaces for good adhesion of subsequent coats.
- K. Paint all exposed surfaces and anything inaccessible after installation prior to installation, if required to be painted.

3.05 Application of Epoxy Paint

- A. Use epoxy paint for floor and wall in restrooms up to ADA height.

END OF SECTION

SECTION 12 93 00 SITE FURNISHINGS

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of all site furniture, including play equipment and play surfacing, as shown on the Plans and as specified herein.

1.03 References

- A. All play equipment shall meet or exceed the standards set forth by the Consumer Product Safety Commission (CPSC), comply with the Americans with Disabilities Act (ADA), meet all current ASTM standards and be consistent with State and local codes.
- B. The play area surfacing shall meet or exceed the fall absorption/impact rates set forth by the CPSC guidelines and ASTM standards. The surfacing shall be an accessible surface and manufactured specifically for play areas.
- C. Nothing in the Plans or Specifications is to be construed to permit work not conforming to regulating codes and standards. The Contractor shall furnish without extra charge any material and labor, when required, by the compliance with these rules and regulations, even though the work was not mentioned in these particular Specifications or shown on the Plans.
- D. The product manufacturer shall supply complete Specifications for the installation of all site furnishings, including play equipment and play surfacing.

1.04 Submittals

- A. Submittals for specified items are required. The Contractor shall submit a materials summary sheet indicating which items will be installed as specified and which items are proposed for substitutions. The Contractor shall submit proof of order within ten (10) working days of the Notice to Proceed, indicating all specified materials have been ordered, noting "as specified" or "substitution proposed". For the following items, also provide:

1. Play Equipment and Swings submittals shall include color samples, manufacturer's materials and parts list, and installation instructions.
2. All items with "color as selected by City" shall include color samples.
3. Bench
4. Picnic table
5. Trash receptacle
6. Drinking fountain
7. Sail shade
8. Boulder
9. Basketball goal and striping

- B. On the date of the Notice to Proceed, the Contractor shall immediately place the order to purchase all site furnishings, including the play equipment and play surfacing as specified on the Plans and as outlined herein. **Proof of all orders shall be submitted to the Project Manager within ten (10) working days of the Notice to Proceed.**
- C. The Contractor shall submit a Certificate of Compliance from a third party certified playground inspector which verifies that the entire playground, including individual components, and surfacing meets or exceeds regulated requirements as described in Section 1.03 above.

1.05 Record Drawings

- A. The Contractor shall keep an accurate record of the as-built conditions of the miscellaneous site amenities. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the "as-builts" to ensure compliance of the above.

PART 2 - PRODUCTS

2.01 Materials

- A. Play Equipment shall be custom configuration as shown on the Plans and as specified herein. The equipment shall be as distributed by (contact name and phone number), and as manufactured by (contact name and phone number) or accepted equal. Color as selected by the City.
- B. Swings shall be the custom configuration as shown on the Plans as distributed by (contact name and phone number), and as manufactured by (contact name and phone number), or accepted equal. Color as selected by the City.
- C. Engineered wood fiber shall be clean, engineered wood fiber, manufactured specifically for play areas.

1. Engineered wood fiber manufacturer shall provide testing certification by an independent testing agency that the results comply with CPSC guidelines and ASTM standards.
 2. Engineered wood fiber shall meet the following requirements: ASTM F1951-99 (ADA Compliance Test) and ASTM F 1292-96 (Shock Absorbency).
 3. Manufacturer shall provide a Certificate of Insurance that shall provide coverage for products liability with the limit of liability not less than \$1,000,000.
 4. The manufacturer shall also provide written guarantee for three (3) years from the date of installation against decay and biochemical degradation calling for replacement of defective materials during the guarantee period.
 5. Manufacturer certifies that the engineered wood fiber has been installed in not less than three (3) sites for periods of not less than three (3) years demonstrating the claims made with regard to these Specifications.
- D. Picnic Tables shall be as shown on the Plans and as specified herein. The tables shall be as distributed by (Miracle Play Group (916) 317-0545), and as manufactured by (Wabash Valley (800) 253-8619) or accepted equal. Tables shall be in-ground mount and made of perforated steel. Color as selected by the City.
- E. Benches shall be as shown on the Plans and as specified herein. The benches shall be as distributed by (Miracle Play Group (916) 317-0545), and as manufactured by (Wabash Valley (800) 253-8619) or accepted equal. Benches shall be in-ground mount and made of perforated steel. Color as selected by the City.
- F. Drinking Fountain shall be MDF #10145 SM (bottle filler, dual bowl and accessible) and stainless steel surface carrier as distributed by Husbands and Associates (800) 821-9838 and as manufactured by Most Dependable Fountains or accepted equal. Color to be stainless powder coated black or as approved. Include recessed hose bib with locking cover, stainless steel control valves with O-rings, and external stainless steel surface mount carrier. Install with a sand strainer when sand amenities are included in the park design.
- G. Infield Mix shall be 60/40 red lava/ screened clay mix as distributed by Cascade Rock, 916-383-1300 or accepted equal.
- H. Park Identification Sign shall be fabricated by Quick Crete Products Corp., Norco, CA, (916) 447-8644, or by Outdoor Creations, Inc., Anderson, CA, (530) 365-6106, or accepted equal.
- I. Playground rules sign shall be as fabricated by Gopher Sign Company, (651) 698- 5095, or accepted equal.

- J. Line Paint (for basketball courts): Hawker - Laykold; Koch Materials - Decocolor; Extol - Color; L&M - Nova acrylic; California Products Corp - Plexicolor Laykold; or accepted equal.
- K. Trash Receptacle shall be as shown on the Plans and as specified herein. The trash receptacle shall be as distributed by (contact name and phone number), and as manufactured by (contact name and phone number) or accepted equal.
- L. Sail shade shall be distributed and manufactured by USA shade (707) 257-7296.
- M. Boulder: contractor to submit photos of material, source, and measurements for City approval prior to delivery to site.

PART 3 - EXECUTION

3.01 Installation

- A. Contractor to provide experienced workers or subcontractors to install all site furnishings, including the play equipment and play surfacing described in these Specifications. The workers or subcontractor must demonstrate that at least five (5) similar play structures and five (5) play surface applications similar to that specified for this project have been installed in the last three (3) years.
- B. All site furnishing, including play equipment shall be installed per manufacturer's instructions.
- C. Engineered wood fiber shall be blown in place to avoid damage to adjacent improvements unless specifically approved by City.
- D. Heights of tables and benches shall be as follows, unless otherwise required by ADA; California Title 24 or other code requirements:

Description	Height Above Finish Grade
Table Surface Height	34" Maximum
Knee Space Height	27" Minimum Clear Space
Knee Space Depth	17" Minimum from edge of table to nearest obstruction under table top
Width of Knee Space	30" Minimum clear width beneath table
Bench Surface Height	16" Minimum, 18" Maximum

- E. Heights for play equipment, including ramps and transfer decks shall comply with the approved recommendations by the U.S. Architectural and Transportation Barriers Compliance Board: Play Facilities Regulatory Negotiation Committee.
- F. For play equipment, locate all footings prior to installation of drain lines. Adjust drain lines to accommodate play structure footings. Provide appropriate fall zones as shown on the Plans and per applicable codes and guidelines.
- G. All footings shall be Class A concrete with 3/4" maximum size aggregate, unless otherwise noted. Footings shall be in accordance with Caltrans Standard Specifications, Section 90. Install all footings below finish surface. In

paved areas, install paved surface over footing for a clean finished surface as shown on the Plans.

- H. Carefully install all furnishings and equipment without disturbance to adjacent finishes. Contractor shall be responsible for the damage and subsequent repairs of damaged finished product.
- I. Install age-appropriate stickers on all play structures, **per manufacturer's instruction**.
- J. Install playground rules sign. Installation location shall be verified in the field with the Project Manager.

3.02 Cleaning

- A. Thoroughly clean all areas where work has occurred. Remove from the site excess material, debris and rubbish.
- B. Take all precautions to protect completed work. Immediately repair or replace all damaged areas due to tire ruts, erosion, compaction failure, etc. Keep all erosion control measures intact.

PART 4 - WARRANTY

4.01 General

- A. Contractor shall warranty all site amenities included under this Section.
- B. Contractor shall also provide a written warranty covering all materials, equipment and workmanship furnished by him to be free of all defects after installation is accepted, including all defective parts that may have been found.
- C. Submit written warranty on company letterhead addressed to the City when providing As-built drawings.
- D. Contractor shall submit to the City, upon completion of work, a Certificate of Compliance by a third party certified playground inspector for the installation of the play structure and safety surfacing. Certification shall include testing for compliance of ASTM 1292 (Impact Attenuation of Surfacing Systems under and around Play Equipment). All tests, including re-tests, shall be the responsibility of the Contractor. Submit all test results to the City.
- E. Contractor shall submit to the City, upon completion of work, a Certificate of Compliance from the manufacturer of the play structure for the installation of the play structure.
- F. Contractor shall submit to the City, upon completion of work, critical fall criterion used to certify all play surfacing material.
- G. Attach cut sheets of installed items to the warranty.

END OF SECTION

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 26 00 00 SITE ELECTRICAL

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Special Conditions shall be in addition to the standards provided herein.
- C. The standards set forth in the City of Roseville Design and Construction Standards, latest edition and requirements outlined by the City of Roseville Electric Department shall be in addition to the standards provided herein.
- D. The standards set forth in the latest edition of the California Electrical Code (CEC), incorporating the latest edition of the NEC with City of Roseville amendments shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of site electrical as shown in the Plans and as specified herein.
- B. Submittals shall be required for requested substitutions or plan deviations ONLY. The Contractor shall install all specified electrical fixtures, poles and equipment, unless otherwise accepted and determined as an equivalent.

1.03 References

- A. Conform to requirements outlined in the latest editions of the California Electrical Code (CEC), California Administrative Code (Title 24), California Building Code (CBC), California Administrative Code (Title 22) and other applicable codes.
- B. Conform to requirements outlined in the latest edition of the Roseville Electric Specifications for Commercial Construction.

1.04 Record Drawings

- A. Record drawings are required as a part of this work. At all times, the Contractor shall maintain accurate information of the work in progress. Deviation in layout of conduit or other materials shall be recorded to the satisfaction of the Inspector. Upon completion of the project, as-builts shall be submitted to the City on reproducible plan sheets and shall depict all changes in a neat and legible manner.

PART 2 - PRODUCTS

2.01 Service Panels

- A. Service panels shall meet the Roseville Electric approved sections of the EUSERC requirements. The list of acceptable panels can be found at <https://the.euserc.org/s/Roseville-City-of-Acceptability-Pages.pdf>
- B. Service panel shall be:
 - 1. Built to UL508A standards
 - 2. Metered
 - 3. Single phase or three phase application
 - 4. Rated for 120 to 480 volts
 - 5. Color: Hunter Green

2.02 Electronic Astronomic Time Switch

- A. Electronic Astronomic Time Switch shall be model ET-2815C, as manufactured by Intermatic, or accepted equal.

2.03 Conduit and Fittings

- A. For primaries (12,000 volts), conform to Roseville Electric's Specifications for Commercial Construction, latest edition.
- B. All other conduit and fittings shall conform to the California Electric Code, latest edition.

2.04 Wires and Cables

- A. Conform to the California Electric Code, latest edition.
- B. All wires shall be copper only, 90-degree-C THHN/THWN insulation.

2.05 Wire Connections and Devices

- A. Conform to the California Electric Code, latest edition.
- B. Splices and joints for #10 AWG or smaller wiring shall be twisted together electrically and mechanically strong and insulated with approved type insulated electrical spring connectors, Scotchlok or Ideal. Joints and connections for #8 AWG or larger shall be made with Burndy, T & B, or approved equal, solderless tool applied pressure lugs and connectors. Uninsulated lugs and wire ends shall be insulated with layers of plastic tape equal to insulation of wire and with all irregular surfaces properly padded with "Scotchfil" putty prior to application of tape. Tape shall be equal to Scotch #33, General Electric #AW-1, or approved equal. Feeder splicing is not permitted.
- C. Receptacles: 15 & 20 Amp 125 Volt receptacles shall be "Specification" grade, duplex, UL Listed, rated Weatherproof where installed outdoors or in damp or wet locations. Where only one receptacle is connected to a 20 ampere circuit, a 20 ampere receptacle shall be used. Receptacles to be Hubbell 5262 series,

5362 series, or equal. Provide an equipment grounding jumper (pigtail) connecting the grounding terminal of the receptacle to the grounded box.

2.06 Outlet Boxes

- A. Cast Metal boxes shall be cadmium plated, cast iron alloy by Crouse-Hinds Form 8 condulets, Appleton Form 35 Unilets or accepted equal.
- B. Cast Metal Outlet boxes shall be four inch (4") round, galvanized cast iron alloy with threaded hubs and mounting lugs as required. Boxes shall be furnished with cast cover plates of the same material as the box and neoprene gaskets by Crouse-Hinds VXF series, Appleton JBX series or accepted equal.

2.07 Pull and Junction Boxes

- A. Per City of Roseville Electric Department's Specifications for Commercial Construction, latest edition.

2.08 Parts Identification

- A. Consistent with the City of Roseville Electric Department's Specifications for Commercial Construction, latest edition.

2.09 Electrical Support Equipment

- A. Concrete Fasteners shall be Philips "Red-Head" or accepted equal. Powder driven concrete pin fasteners, low velocity type shall be Remington, Ramset or accepted equal.
- B. Conduit Straps shall be hot dipped galvanized, cast malleable iron, one hole type strap with cast clamp-backs and spacers (as required) by O-Z/Gedney No. 15-50G strap and #14G spacer, Efcor No. 231 strap and No.131 spacer or accepted equal.
- C. Concrete Inserts shall be pressed galvanized steel, spot insert with oval slot capable of accepting support nuts of ¼ inch to ½ inch diameter thread by Unistrut No. M2506 series, Globestrut CSI series or accepted equal.
- D. Construction Channel shall be 1-1/2 inch by 1-1/2 inch 12 gauge galvanized steel channel with 17/32 inch diameter bolt holes, 1-1/2 inch on center, in the base of the channel by Kindorf 905 series, Unistrut P-1000-HS or accepted equal.
- E. Cable Ties and Clamps shall be one piece, nylon, reusable type lashing ties by Thomas and Betts Co "Ty-Raps", Panduit "Pan-Ty" or accepted equal.
- F. General Fasteners shall be wood screws for fastening to work; machine screws for fastening to steel; toggle bolts for fastening to gypsum board or plaster walls; expansion anchors for attachments to pre-poured concrete.
- G. GFI Outlet Cover shall be metal, lockable, and flush with the surface it is installed in. Cover must conform to the California Electric Code, latest edition.

2.10 Fixtures and Poles

A. Pathway/Security lights shall be:

1. LED: Hadco: RL54 B B N N 1 A W N N N A 2 N N N N SP1
2. Pod: die-cast aluminum housing with tool-less access
3. Globe: clear prismatic injection molded U.V. stabilized acrylic
4. Symmetric photometric distribution
5. Rated 120 volts

B. Poles shall be:

1. Whatley: TR34 16 DE BLK TXT 30-30 or accepted equal
2. Fiberglass, direct burial
3. Textured round, tapered
4. 16' mounting height
5. Include –RC receptacle on select poles only, as shown on plans

2.11 Tracer Wire

- A. Insulated solid copper wire, minimum #12 gauge.

PART 3 - EXECUTION

3.01 Installation

- A. Install (luminaire and poles) in accordance to manufacturer's instructions.
- B. Ensure proper handling and installation of fixtures including hardware necessary for a complete installation. Fixtures (luminaire and poles) shall be clean, plumb and level.
- C. All lamps shall be new and in operating condition. New lamps shall have less than 100 hours of operation on-site.
- D. All splices in exterior fixtures or fixture outlet boxes shall be made watertight, using specified epoxy resin splicing kits.
- E. Operate the entire system, once complete, in the presence of the Inspector. Immediately correct any improper connections or other items.
- F. Install concrete collars around light poles. Concrete collars shall be per the Parks Construction Standards, latest edition.
- G. Install tracer wire on top of conduit for all up-lighting and sports field lighting.

3.02 Clean Up

- A. At all times, maintain a safe and clean work site, free of debris and rubbish.
- B. All electrical parts shall be clean of conductive and deleterious materials.
- C. All enclosures shall be free of dirt and debris.
- D. Clean all finishes and touch up damaged areas prior to pre-final inspection.

3.03 Excavation & Backfill

- A. Refer to Section 33 00 00 Utilities.

3.04 Equipment Pads

- A. Concrete reinforced pads for mounting of equipment (i.e. switchboard, transformers, freestanding panels, etc.) shall be minimum 3000psi, 6" thick with #4 rebar at 12" on center each way. Rebar shall be centered in pad. Pad shall extend 2" beyond equipment and 1.5" above surrounding area. Backfill and compact to 95% maximum dry density at optimum moisture content in layers not to exceed 6" when compacted.

3.05 Grounding

- A. Grounding and ground bonding of the electrical installation shall be in accordance with CEC Article 250, and any applicable codes. Ground fittings shall be approved manufactured type, installed and connected to conform with Code requirements.
- B. Neutral conductors and noncurrent-carrying parts of equipment at each installation shall be grounded in accordance with applicable code. Ground conductor shall be copper having a current capacity sized in accordance with CEC.
- C. All equipment cases, motor frames, etc., shall be completely grounded to satisfy requirements of CEC. Install bond wire in flexible conduit. Install copper bond wire, sized in accordance with CEC, in all nonmetallic raceways and bond to all metallic parts using approved fittings.
- D. Service ground conductor shall be connected to a "Ufer" encased ground and bonded to the metallic cold water pipe system and to the metallic natural gas line. 5/8" x 10 ft copper clad ground rods may be used in lieu of the Ufer ground where no footing is available.
- E. All connections shall be made with solderless connectors or molded fusion-welding process.
- F. Equipment grounding conductors shall be insulated with a continuous green outer finish along its entire length. Conductors size #4 AWG and larger may be identified (with green electrical tape applied half-lapped) at each end and at every point where the conductor is accessible. Tape shall be applied from its point of entry to point of exit or termination.
- G. Insulated grounded (neutral) conductors shall be identified with a continuous white outer finish along its entire length. Neutral conductors #4 AWG or larger can be identified by a distinctive white marking (applied half-lapped with white electrical tape) for the last 12 inches at each end.

3.06 Field Testing

- A. Perform Insulation Resistance (IR) "Megger" Testing per NETA Standards. Submit test results. Provide testing for:
 - 1. All feeders 100 Amps and higher.
 - 2. Branch circuits 100 Amps and higher.
- B. Each ground rod shall be tested. A ground rod which does not have a resistance to ground of 25 ohms or less shall be augmented by one additional ground rod at no less than 8 feet from each other.

END OF SECTION

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 31 10 00 CLEARING AND GRUBBING

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

1.02 Description

- A. Preserve and protect existing site amenities to remain, including, but not limited to, trees, shrubs, underground utilities and other improvements as shown on the Plans. Protection of work shall include affected improvements on adjoining properties.
- B. Scope of work includes: site preparation, removal of debris, staging of equipment and materials and securing the site for construction.

1.03 Related Work

- A. Section 31 20 00: Earthwork
- B. Section 01 57 23: Storm Water Pollution Control

1.04 Protection/Replacement

- A. Prior to demolition, erect protective fencing a minimum of one foot (1') beyond the canopy of all trees to remain. The radius of the canopy shall be measured from the longest branch furthest from the trunk. Refer to the environmental document for additional requirements for protective fencing on other existing natural features. For work within or near protected trees, a tree permit may be required.
- B. If public use is to be maintained on unaffected portions of the project site, the Contractor shall be responsible for directing pedestrian and vehicular traffic safely around the construction zone. Utilization of temporary fencing, barricades, signage, etc. shall be the responsibility of the Contractor. Safe detours shall be available to the general public at all times during the course of construction.
- C. Protection of existing site improvements shown to remain, including, but not limited to, fencing, signs, benches, picnic tables, play structures, shade structures, drinking fountains, concrete paving, concrete wall and curbs,

- decomposed granite paving, asphalt concrete paving, recreational site improvements, etc. are to be protected and preserved.
- D. The Contractor shall be responsible for any damage to and maintenance of all existing street improvements, drainage facilities and irrigation systems and to re-establish these improvements to their original condition as soon as possible after completion of the work in the area, to the complete satisfaction of the Project Manager and Inspector. Realignment or modifications to the existing facilities as shown on the plans are accepted.
 - E. Survey monuments and markers either shown on the Plans or encountered during the course of construction shall be protected and preserved. The Contractor shall notify the Inspector upon discovery of an unmarked monument, at which time, arrangements for the relocation or adjustment of the monument will be determined. All costs associated with the relocation or adjustment of these monuments shall be the Contractor's responsibility.
 - F. Burning or burying removed material on-site is prohibited.
 - G. Where the removal of specific material creates an open hole, pit, trench or other depression, the Contractor shall immediately backfill and compact the areas consistent with requirements outlined in Section 31 20 00 of these Specifications.
 - H. All items identified in the Plans to remain or identified in the field to remain, removed in error by the Contractor, shall be repaired or replaced to match in equal or better construction, at no cost to the City. The quality of the repair or replacement shall be measured as that existing at contract award.

PART 2 - PRODUCTS

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PART 3 - PIPE ABANDONMENT MATERIALS

- A. Slurry cement backfill conforming to Caltrans Standard Specification 19-3.02E.

PART 4 - EXECUTION

4.01 Pre-Construction Site Review

- A. Contractor shall review existing site conditions with the Inspector prior to start of construction and document any conditions which adversely affect the satisfactory execution of the work and final acceptance of the project.
- B. Commencement of work constitutes acceptance of existing conditions. The Contractor shall, at his expense, be responsible for correcting all unsatisfactory and defective work.

4.02 Clearing

- A. Completely remove trees, shrubs, stumps, vines, rubbish/debris, undergrowth, deadwood, structures, and other elements identified to be removed and/or which interfere with the construction as shown on the Plans and as specified.
- B. Obtain verification from the Project Manager for non-identified items scheduled to be removed prior to actual removal.

4.03 Grubbing

- A. Remove all stumps, roots, grasses and weeds in its entirety. Apply systemic weed killer. Confirm weed kill prior to removal.
- B. Once surface material is removed, the Contractor shall stockpile the top twelve inches (12") of topsoil for use during the final grading phase of work. This soil shall be free of rocks, debris, roots and other undesirable material.

4.04 Utilities

- A. Contact USA Alert (800) 642-2444 prior to commencement of any demolition or excavation work. Provide a minimum of 48 hours' notice. Verify all utilities entering into and their locations within the project site.
- B. Where utilities lie within the project site, but are not a part of the project, the Contractor shall cooperate with the agency or utility company having jurisdiction to maintain its use and the integrity of the structure.
- C. Where utilities enter into the project site and taps, connections to or extensions of the utility are identified in the Plans, the Contractor shall coordinate all work with the agency or utility company having jurisdiction to minimize or eliminate disruption of use by the adjacent properties.
- D. Verify that all utilities, shown to be removed on the Plans, are inactive and turned off prior to disconnection and/or re-routing, prior to demolition.

4.05 Debris Removal

- A. All materials removed as a part of this contract shall become the property of the Contractor and shall be legally disposed of off-site, unless otherwise noted on the Plans.
- B. Where a portion of a concrete slab, curb or wall and asphalt concrete paving or curb is to be removed, the concrete shall be cut with a concrete saw at a 90 degree angle so that the edge of the remaining concrete shall form a neat, straight line. Conform to the City of Roseville Design and Construction Standards, latest edition.

END OF SECTION

FOR COUNCIL APPROVAL ONLY
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SECTION 31 20 00 EARTHWORK

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
- C. The standards set forth in the Caltrans Standard Specifications, latest edition, shall be in addition to the standards provided herein.
- D. The requirements set forth by CAL OSHA shall be in addition to the standards provided herein.

1.02 Description

- A. Provide all labor, operations and materials necessary for earthwork, including, but not limited to, staking and surveying, grading; excavating; installation of facilities necessary to perform excavation and subsequent removal of such facilities upon completion of work; subgrade preparation; backfilling; and other incidental items necessary for a complete project.
- B. This project is a balanced cut and fill project select one. The import of material shall be a part of the Contractor's bid price.
- C. The intent of the grading plan is to provide positive drainage and to maintain slopes on walkways as required by the Americans with Disabilities Act and California Title 24 throughout the project site. The Project Manager shall be notified immediately of any discrepancies between the Plans and actual field conditions and/or conflicts between the design and code requirements.

1.03 Related Work

- A. Section 31 10 00: Clearing and Grubbing
- B. Section 33 00 00: Utilities
- C. Section 32 84 00: Irrigation System
- D. Section 32 90 00: Planting
- E. Section 26 00 00: Site Electrical
- F. Section 01 57 23 Storm Water Pollution Control

1.04 Quality Assurance

- A. All work shall conform to local codes and regulations, including standards set forth in the Standard Specifications of the State of California, Business and

Transportation Agency, Department of Transportation (Caltrans), Chapter 70 of the Uniform Building Code and ASTM.

- B. Relative compaction shall be the in-place dry density of soil denoted as a percentage of the maximum dry density of the same material. This shall be as determined by ASTM 1557. The optimum moisture is measured by the water content which corresponds to the maximum dry density.
- C. Upon discovery of unforeseen subsurface site conditions, the Contractor shall notify the Inspector immediately.
- D. Upon discovery of hazardous materials, cease all activity and immediately contact the Fire Department.

1.05 Protection

- A. Provide and install all supports, shoring, bracing, underpinning, sheet piling and other methods for the sides of excavations necessary for ensuring safe working conditions for the workmen and to protect adjacent improvements to remain.
- B. Provide any and all protection measures necessary to ensure the protection of the workmen, the general public, including children and the project site. These protection requirements remain the Contractor's sole responsibility throughout the duration of the project, including non-working hours.
- C. Do not obstruct vehicular, bicycle or pedestrian thoroughfares, unless previously accepted by the City. Provide safe and adequate detours around the construction as required by City and State regulations.
- D. Trenches shall be covered at all times when work directly associated with the trenches is not occurring, including non-work hours.
- E. During the course of construction, the Contractor shall ensure that surface drainage does not create a nuisance onto adjacent properties.

1.06 Erosion Control Measures

- A. Construction sites shall have required erosion and sediment control measures in place as required by the SWPPP. If construction is in progress, the Contractor shall ensure that the construction site is prepared prior to the onset of any storm. At a minimum, erosion control measures shall include:
 - 1. Broadcast seed
 - 2. Drainage area protection
 - 3. Dust/mud control
 - 4. Drain inlet filters
 - 5. Silt fence and straw wattles
 - 6. Slope protection
 - 7. Straw bales
 - 8. Silt controlling devices

PART 2 - PRODUCTS

2.01 Base Rock

- A. Class 2 aggregate base per Caltrans Standard Specifications, latest edition.

2.02 Drain Rock

- A. Drain rock shall be Class 2 permeable, washed, unbroken stone or gravel. Material gradation shall conform to the following:

Sieve Size	Percent Passing
1 inch	100
No. 4	20-50
No. 50	0-10
No. 200	0-5

2.03 Pea Gravel

- A. Pea gravel shall be natural stone, free of clay, shale or organic matter, and shall conform to the following:

Sieve Size	Percent Passing
3/8 inch	100
No. 4	47
No. 8	2
No. 16	1

2.04 Fill

- A. Structural Fill shall conform to Caltrans Standard Specifications or the accepted site-specific geotechnical report generated for the project.
- B. Fill for non-structural areas shall conform to the following standards:
1. Plasticity: ASTM D4318-84
 2. Expansion Index: No greater than twenty (20)
 3. Testing: UBC 29-9 and ASTM D422-72
 4. Particle Size: No greater than one inch (1")

2.05 Topsoil

- A. The top eight to ten inches (8" – 10") of native soil containing more than three percent (3%) organic material. Topsoil shall be free of rocks no larger than one inch (1") in diameter, free from subsoil, roots, heavy or stiff clay, coarse sand, destructive seeds, noxious chemicals, brush, debris, litter and other undesirable materials.
- B. For any import soil to be used in turf/planting areas, submit a soils analysis with soil amendment recommendations (for plant growth) for review and acceptance prior to placement on-site. Soils test information shall be as outlined in Section 32 90 00: Planting – 1.06.

2.06 Soil Sterilant

- A. Sterilizer shall be standard, quick-acting, short-lived and non-selective weed and grass killer, commonly used under roadway/transportation projects. Application of the sterilant shall pose no short or long term health threats to the installer or the general public. Submit analysis for approval prior to applying.

2.07 Sand

- A. Granular, fine, free of organic matter, mica, loam or clay material.

PART 3 - EXECUTION

3.01 Construction Staking

- A. The layout of all work shall be performed by a California State licensed land surveyor provided by the Contractor.
- B. Notify the Inspector immediately of any discrepancies between actual field conditions and the Plans. Minor field adjustments may be necessary in order to fulfill the intent of the Plans.
- C. Non-notification of discrepancies between actual field conditions and the Plans by the Contractor, in writing, shall indicate his acceptance of such field conditions. Adjustments/modifications to the construction to accommodate the inconsistencies (without notification) shall be at no additional cost to the City.

3.02 Excavation

- A. All excavations shall be as noted on the Plans. Excavations shall include accommodation of base material.
- B. Do not over-excavate. Excavations shall provide appropriate space to install shoring, bracing, formwork, etc., as needed to ensure the safe and proper construction of the work.
- C. Take every precaution to prevent water from entering, softening, and undercutting excavated areas, including, pits, footings, trenches, etc.
- D. Notify the Inspector immediately upon discovery of unsatisfactory soils materials or unforeseen site conditions. Excavation shall include the complete removal of the unsatisfactory material and its legal disposal thereof.

3.03 Site Grading

- A. A grading permit is required to be obtained by the Contractor prior to commencing any earthwork.
- B. Grading shall include adjacent transition areas, new elevations/contours as shown on the Plans. All subgrade areas shall be graded parallel to the finish grades and contours and shall be uniform in slope. Transition areas shall provide a smooth connection between new and existing grades and shall not create additional drainage or ponding onto adjoining properties.

- C. Surface grades shall provide for positive drainage away from structures and footings, and shall be uniformly smooth throughout.
- D. Rough grading shall:
 - 1. Be graded to a tolerance of 0.10 feet, plus or minus for planted and turf areas.
 - 2. Be graded with a tolerance less than .04' from specified grade and cross section for subgrade in which pavement, curbs and other structural elements are to be placed immediately above.
 - 3. Provide a subgrade surface free of exposed rocks, stones and boulders.
 - 4. Provide a subgrade surface free of depressions, pits, etc., with proper backfill and compaction. See paragraph 3.04 below.

3.04 Placement of Fill Material

- A. Prior to placement of fill material, the Contractor shall:
 - 1. Obtain approval of the subgrade surface from the Inspector.
 - 2. Scarify, dry and compact soft and/or wet areas.
 - 3. Remove and replace unsuitable subgrade material to the satisfaction of the Inspector.
 - 4. Take all necessary corrective action.
- B. Do not use topsoil as fill or backfill material, unless otherwise accepted in writing.
- C. Fill shall be placed in the following manner:
 - 1. Accepted engineered fill material for structural slabs and areas to be paved shall be placed in six-inch (6") loose thickness, uniform layers over the entire area.
 - 2. Fill material in planted areas shall be placed in twenty-four inch (24") maximum loose thickness throughout the areas to receive fill.
- D. Aerate or water each lift to obtain the required compaction rate indicated on the Plans. Thoroughly mix material to ensure proper moisture content for compaction. Repeat the operations until grades, as shown on the Plans, are obtained. Jetting of trenches shall be reviewed and accepted by the Inspector prior to performance of work.
- E. Do not place fill when the subgrade is frozen, muddy or wet. Allow conditions to thaw and dry out before resuming operations.
- F. Use hand tampers or vibrating compactors around foundations walls, retaining walls and other structural elements. Do not use large equipment in these areas and do not begin compaction operations until the bearing surfaces have reached its design strength.
- G. Fill around existing trees to remain shall not exceed twelve inches (12").
 - 1. Minor fill (6" or less) shall utilize topsoil and shall be placed by hand. Do not cover crown of trunk. Feather grades to the extent possible.

2. Fills between 6" and 12" shall utilize 3/4" pea gravel on grade, placed up to three inches (3") below finish grade. Apply topsoil, by hand, to meet finish grade elevations. Feather grades to the extent possible.
- H. Construct mounds from on-site material. The core of the mound (1' below finish elevations) shall be compacted to 90%. The top twelve inches (12") shall be compacted to 85%. Place topsoil in the top twelve inches (12").
- I. Place topsoil in all turf and planting areas a minimum of twelve (12) inches deep. See Section 31 10 00, 3.03-B: Clearing and Grubbing.

3.05 Trenching, Backfilling and Compacting

- A. For trenches greater than five feet (5') in depth, submit an OSHA permit related to the work.
- B. All trenches shall be straight, true and cut vertical at 90 degrees to the surface plane.
- C. For trenches through existing paved surfaces, use a concrete saw or other tool to achieve straight, clean lines. Replace paved surface to the same or better condition as existing prior to cut.
- D. Do not over-excavate. Maintain bearing surfaces true, level and undisturbed to the extent possible.
- E. Trenches shall be kept dry and frost-free. Do not allow standing water to collect.
- F. Do not allow trenches to remain exposed at any time when work directly related is not occurring. Cover all trenches during non-work hours.
- G. Bedding for all trenches to receive pipes shall be as follows:
 1. Bedding material shall be consistent with the City of Roseville Design and Construction Standards, latest edition.
 2. Pipe shall lie completely on bedding. Pipe fittings or joints shall not bear weight.
 3. Bedding shall be uniform throughout the length of pipe.
- H. Initial backfill for storm drains, sewer lines and electrical conduit shall conform the applicable City standard set forth by the Department having jurisdiction.
- I. Backfill beyond the initial operations shall be native soil, placed in twelve-inch (12") lifts. Compaction for trenched areas shall be 95% for parking lot, driveway and roadway areas; 90% for hardscape (i.e. walkways, picnic pads basketball and tennis courts); and 85% in areas to be planted. Place topsoil over trenches in planted areas. Upon completion, all trenches shall be filled flush with adjacent finish grades.
- J. Compaction tests shall be required for trenched areas, hardscape areas and areas where fill over two feet in depth will be placed. The Inspector shall determine the number of tests and the locations. Re-tests shall be the Contractor's responsibility.

- K. Potholing shall be required in areas where existing utilities are indicated. Hand digging may be required.

3.06 Soil Sterilant

- A. Soil sterilant shall be applied to areas where paving is to be installed. The worker applying the sterilant shall take every precaution to avoid overspray of sterilant onto areas to be planted. The sterilant shall be placed no further than six inches (6") beyond the edge of pavement.
- B. Soil sterilant shall not be applied in inclement weather and windy days.

3.07 Drainage Areas

- A. All bare areas, regardless of slope, within 50 feet of natural drainages shall be covered with straw and pressed in place.
- B. No grading or trenching, except as required for erosion or sediment control, shall occur within 35 feet from the centerline of perennial and intermittent drainage swales between October 5 and April 1 unless approved by the Engineering Division, as well as any other governmental agency which may have additional jurisdiction and/or requirements.

3.08 Dust/Mud Control

- A. Adjacent Streets: Adjacent street frontages shall be swept at least once a day to remove silt and other dirt which is evident from construction activities.
- B. Construction Vehicles: The Contractor is responsible for cleaning construction vehicles leaving the site on a daily basis to prevent dust, silt, mud and dirt from being released or tracked offsite. Adjacent streets shall be swept clean daily.
- C. Grading Spoils: Dry stockpiles of soil shall be watered to prevent the generation of airborne dust. Trucks transporting dry soil shall be covered with tarpaulins.
- D. Water: Water shall be sprayed on all exposed earth surfaces during clearing, grading, earth moving and other site preparation activities. The exposed earth shall be watered throughout the day to minimize dust. The Contractor shall obtain a hydrant permit from the Environmental Utilities Department.
- E. Wind Allowances: Grading activities shall be restricted or halted when winds exceed 15 miles per hour as deemed necessary by the Public Works Inspector.

END OF SECTION

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 32 12 16 ASPHALT CONCRETE PAVING

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
- C. The standards set forth in the City of Roseville Design and Construction Standards and the City of Roseville Parks Construction Standards, latest editions, shall be in addition to the standards provided herein.
- D. The standards set forth in the State of California, Title 24, Americans with Disabilities Act, latest edition, shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of asphalt concrete paving, including international disabled signs as shown in the City Standard, as shown on the Plans and as specified herein.

1.03 References

- A. Caltrans Standard Specifications for asphaltic concrete, latest edition.

1.04 Tolerances

- A. All surface areas shall drain. Ponding, puddling or birdbaths are not acceptable.
- B. Surface grades shall conform to the following:

Description	shall not exceed, ... from indicated line, grade or thickness
Base Course	0.1 foot +/-
Finish Surface	0.05 foot +/-
Thickness of finished pavement	0.01 foot less

- C. Flatness: maximum variance of 1/8" as measured with a ten (10) foot straight edge.

1.05 Testing

- A. Testing shall occur during the installation of pavement. The number and frequency of tests shall be as determined by the Inspector.

PART 2 - PRODUCTS

2.01 Aggregate Base

- A. Conform to Caltrans Standard Specification, Section 26 paragraph 1.02B, Class 2.

2.02 Asphalt Concrete

- A. Conform to Caltrans Standard Specification, Section 39 and the City of Roseville Design and Construction Standards, latest edition.

2.03 Soil Sterilant

- A. Sterilizer shall be standard, quick-acting, short-lived and non-selective weed and grass killer, commonly used under roadway/transportation projects. Application of the sterilant shall pose no short or long term health threats to the installer or the general public. Submit analysis for approval prior to applying.

2.04 Striping

- A. Traffic marker paint, in accordance with Caltrans Standard Specifications, Section 83-3.02.
- B. Thermoplastic marking tape in accordance with Caltrans Standard Specifications, Section 84-2.02. (Required for bike trails)

2.05 Header

- A. Per City of Roseville Parks Construction Standards, latest edition.

2.06 Accessible Parking Signs

- A. Signs for parking stalls shall conform to the California Manual on Uniform Traffic Control Devices (CMUTCD), the Standard Highway Signs manual with the Caltrans California Sign Specifications.
- B. Notification sign: Notification sign shall read: "Unauthorized vehicles parked in designated handicapped spaces not displaying distinguishing placards or license plates issued for physically disabled persons may be towed at owner's expense. Towed vehicles may be reclaimed at Roseville PD, 1051 Junction Blvd or by telephoning (916) 774-5000. CVC 22511.8".
- C. Sign posts: shall conform to Section 56 Signs in the City of Roseville Design and Construction Standards.

PART 3 - EXECUTION

3.01 Preparation

- A. Upon completion of grading operations, compact the subgrade at the required elevation to a relative compaction density of 95%, unless otherwise noted on

the Plans. A load or performance test shall be conducted in the presence of the Inspector prior to the placement of AC.

- B. Apply soil sterilant per manufacturer's directions. Limit the work zone of the sterilant application to the area to receive paving plus three feet (3') on each side.
- C. Completely install redwood header as shown in the City of Roseville Parks Construction Standards, latest edition, if shown on the Plans.
- D. No material shall be placed in muddy conditions, nor shall any material be placed during or immediately after inclement weather, i.e. rain storms, temperatures below 35 degrees F, etc.
- E. In areas where soil conditions are less than optimal, geotechnical tests shall be performed to verify compaction rates. The Inspector shall determine the number of tests necessary in order to verify conditions. Initial tests will be provided by the City. Re-tests shall be the Contractor's responsibility.

3.02 Installation

- A. Spread aggregate base material in six-inch (6") lifts.
- B. Compact base surface to a relative compaction of 95% and in accordance to the Caltrans Standard Specifications, Section 26.
- C. Spread asphalt concrete material in accordance to the Caltrans Standard Specifications, Section 39.
- D. Upon completion, apply water to the finished surface and allow water to run-off. All areas of ponding, puddling or birdbaths shall be filled with asphalt and fine aggregate. Conform fill surface with adjacent surface to the point edges are not visible.
- E. Take every precaution to protect adjacent amenities or structures from material spillage or damage. In case of spillage or damage, the Contractor shall immediately repair or replace the damaged area to the satisfaction of the City.
- F. Clean and oil all manhole covers, grates and other surface structures within the pavement area.
- G. All new asphalt concrete paving shall receive a fog seal at a rate of 1/12 to 1/10 gallon of undiluted emulsion per square yard. All work shall conform to Caltrans Standard Specifications, Section 37. **Once sealed, parking of vehicles and/or equipment or stockpiling of material on the finished surface is prohibited.**
- H. Clean all surface structures that lie within the asphalt concrete area.

3.03 Striping

- A. Conform to the City of Roseville Design and Construction Standards, latest edition.

- B. Ensure that all pavement to receive striping is completely cured. Clean all pavement surfaces.
- C. Accurately lay out all pavement markings, including, parking stripes, centerline stripes, international disabled parking logo, striping for disabled access ramp, directional arrows, game court lines and other pavement markings as shown on the Plans or as required by code.
- D. All pavement lines, striping and lettering shall be four inches (4") in width, unless otherwise indicated on the Plans.
- E. Lines painted with traffic paint shall receive two coats of paint. Allow each coat to dry completely prior to applying the second coat.
- F. Apply all pavement markings on clean, dry surfaces, during weather conditions where temperatures are higher than 35 degrees F, no rain is occurring or predicted within the next twenty-four (24) hours, and the humidity is less than 80.
- G. Remove all excess adhesives and tracking onto unmarked areas.
- H. All pavement striping applications shall conform to Caltrans Standard Specifications, Sections 84 and 85.

3.04 Accessible Parking Signs (For parking lots only)

- A. Verify that the language on the signs meets with current laws and regulations prior to installation. Immediately notify project manager of discrepancies.
- B. For signs at parking stalls: install one per space designated for disabled parking. Locate sign as shown on the Plans. Verify location in the field prior to installation. Sign bottom shall be set at seven feet (7') above finished grade.
- C. For notification signs: install one per driveway entrance. Verify location in the field prior to installation. Sign bottom shall be set at two feet (2') above finished grade unless otherwise directed.
- D. Sign post installation shall conform to TS-17A of the City of Roseville Development Services Design and Construction Standards.

3.05 Protection and Cleaning

- A. Do not allow equipment or vehicles to park on new asphalt surfaces upon completion of fog seal operations. At his discretion, the Contractor may allow the parking of equipment and vehicles on the asphalt concrete **AFTER** the asphalt concrete material has been laid, passing applicable compaction tests and **PRIOR TO** applications of fog seal and striping.

END OF SECTION

SECTION 32 15 40 DECOMPOSED GRANITE PAVING

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
- C. The standards set forth in the City of Roseville Design and Construction Standards and the City of Roseville Parks Construction Standards, latest editions, shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of decomposed granite paving, including redwood headers as shown in the Plans and as specified herein.

1.03 References

- A. Caltrans Standard Specifications, latest edition.

1.04 Submittals

- A. Submittals for specified items are not required; however, submittals are required for any proposed substitutions or deviations from the Plans or Specifications. Additionally, submittals are required for the specific items listed below. The Contractor shall submit a materials summary sheet indicating which items will be installed as specified and which items are proposed for substitutions. The Contractor shall submit proof of order within ten (10) working days of the Notice to Proceed, indicating all specified materials have been ordered, noting "as specified" or "substitution proposed". Submittals are required on the following items:
 - 1. Decomposed granite material and binding material: provide a sample "brick" for review and approval.

PART 2 - PRODUCTS

2.01 Crushed Quarry Rock

- A. Crushed rock, graded between #4 and #200. Rock shall be high quality and well-graded.

- B. Hastie's Capitol Sand and Gravel, Roseville, CA (916) 989-4600 or accepted equal.

2.02 Header

- A. 2"x6" Redwood header board.

2.03 Binding Material

- A. PolyPavement, Los Angeles, CA (323) 954-2240 or accepted equal.

PART 3 - EXECUTION

3.01 Preparation

- A. Upon completion of grading operations, compact the subgrade at the required elevation to a relative compaction density of 95%, unless otherwise noted on the Plans.
- B. Completely install redwood header as shown in the City of Roseville Parks Construction Standards.
- C. No material shall be placed in muddy conditions, nor shall any material be placed during or immediately after inclement weather, i.e. rain storms, etc.
- D. Submit samples of crushed rock to a PolyPavement Certified Lab to prepare a laboratory "brick" to confirm that the quarry material has sufficient fines for good binding.

3.02 Installation

- A. Provide a 2'x2' test sample, to be approved prior to installation. This sample shall be the basis of overall approval.
- B. Thoroughly combine binder per manufacturer recommendations.
- C. Spread crushed granite fine/binder material in two (2) one and one half inch (1-1/2") lifts (thickness after compaction).
- D. Wet and roll each lift to form a uniform, smooth surface with a cross slope of 2%. Compact each lift to a 95% relative compaction density.
- E. Upon completion of the final lift, fill any depressions, holes or divots and re-roll using the above process.
- F. Provide a Certificate of Compliance verifying that the binder/stabilizer has been mixed per manufacturer's recommendations.

3.03 Clean Up and Protection

- A. Thoroughly clean all areas where work has occurred. Remove from site excess material, debris and rubbish.
- B. Take all precautions to protect completed work. Immediately repair or replace all damaged areas due to tire ruts, erosion, compaction failure, etc.

END OF SECTION

SECTION 32 31 13 CHAIN LINK FENCING

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Special Conditions shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of the chain link fence system, including gates as shown on the Plans and as specified herein.

1.03 References

- A. Caltrans Standard Specifications, latest edition.

PART 2 - PRODUCTS

2.01 General

- A. Wire used in the fabric shall be galvanized and shall have a tensile strength of 80,000 lbs. per square inch based on cross sectional areas of the wire. One sample shall be tested without removing bends caused by weaving of the wire with the mesh. A second test shall be conducted on a wire strand carefully straightened. The tensile strength is finally determined as the average reading between the two tests. Wire to match fabric selection.
- B. Fabric shall be 1-3/4" 9-gauge nominal wire mesh, hot-dipped galvanized or black vinyl coated after weaving as shown on the plans. Conform to ASTM A392, with tensile strength as described in 2.01A above. Fabric shall be knuckled top and bottom with single width to full height of fence.
- C. Ties/Fasteners shall be 9-gauge aluminum or black powder coated wire.
- D. Fittings, clips, bolts, bands, bars, post tops/covers and other hardware necessary for a complete fence system shall be galvanized or black powder coated.
- E. Where fencing is shown on the Plans to be black vinyl or powder coated, all appurtenances, including fabric, posts, rails, clips, bands, fittings, etc., necessary for a complete fence system shall be black vinyl or powder coated. Vinyl or powder coating shall be the industry standard for this type of finish.

2.02 Posts and Rails

- A. Posts and rails shall be hot-dipped galvanized per ASTM A53 or black powder coated, to match fabric and as shown on the Plans. All posts shall be installed with moisture-proofed caps on the top.
- B. Size and lengths of posts shall be as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.

2.03 Gates

- A. Fabric and finish to match fence.
- B. Hinges and latches shall be industrial strength, heavy duty and shall fit snugly around post. Latches shall be lockable.
- C. Size and lengths of posts shall be as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.

PART 3 - EXECUTION

3.01 Post Installation

- A. Posts are to be spaced evenly as shown on the City Standard and set plumb and true to lines with the top line uniform as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.
- B. All posts shall be set in concrete as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.
- C. Where nicks on vinyl or powder coated finished occurs due to installation, the Contractor shall re-finish and patch damaged areas immediately.

3.02 Fabric

- A. Attach fabric using fabric bands or clips spaced approximately 14" apart. Connections to top rails and tension wires shall utilize wire ties placed 24" on center.
- B. For corner and vertical end connections, install stretcher bars banded to posts and gate frames at 24" apart (maximum).
- C. All fabric to be stretched tight, free from sags and bulges.

3.03 Rails

- A. For splices along the top rail, provide couplings every 20'. The coupling shall produce a continuous brace from end to end of each stretch of fence. Install a heavy spring at every fifth coupling to allow for expansion or contraction.
- B. Utilize the appropriate fittings to ensure that all rails are rigidly clamped to end and corner posts.
- C. Clamp mid and bottom rails at each post.

3.04 Gates

- A. Gates shall be installed consistent with the City Standard detail. Verify grade conditions along the fence bottom to ensure proper use of the gate(s).
- B. Gate openings shall be face-to-face dimensions and shall swing according to the Plans.

3.05 Cleaning

- A. Thoroughly clean all areas where work has occurred. Remove from the site excess material, debris and rubbish.
- B. Take all precautions to protect completed work. Immediately repair or replace all damaged areas due to tire ruts, erosion, compaction failure, etc. Keep all erosion control measures intact.

END OF SECTION

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SECTION 32 32 19 MODULAR CONCRETE RETAINING WALLS

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

1.02 Description

- A. Work includes furnishing and installing concrete modular block retaining wall units to the lines and grades shown on the construction drawings and as specified herein.
- B. Work includes preparing foundation soil, furnishing and installing leveling pad, unit fill and backfill to the lines and grades shown on the construction drawings.
- C. Keystone retaining walls of low height may be constructed without reinforcement using simple techniques, while high walls and walls with surcharge may be constructed with geogrid reinforcement and compacted backfill to suit a wide range of engineering requirements.

Delete the following paragraph if all retaining walls are unreinforced.

- D. Work includes furnishing and installing geogrid reinforcement and backfill to the lines and grades designated on the construction drawings.

1.03 Related Sections

- A. Section 31 20 00: Earthwork
- B. Section 03 30 00: Site Concrete

1.04 References

- A. ASTM C 33 - Standard Specification for Concrete Aggregates.
- B. ASTM C 150 - Standard Specification for Portland Cement.
- C. ASTM C 331 - Standard Specification for Lightweight Aggregates for Concrete Masonry Units.
- D. ASTM C 618 - Standard Specification for Fly Ash and Raw Calcined Natural Pozzolan for Use as a Mineral Admixture in Portland Cement Concrete.
- E. ASTM C 989 - Ground Granulated Blast-Furnace Slag for Use in Concrete and Mortars.
- F. ASTM D 698 - Standard Method of Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft³ 600kN-m/m³)).

- G. ASTM D 1557 - Standard Specification for Laboratory Compaction Characteristics of Soils Using Modified Effort (56,000 ft-lbf/ft³ (2,700 kN- m/m³).

1.05 Definitions

- A. Structural Geogrid: A structural element formed by a regular network of integrally connected tensile elements with apertures of sufficient size to allow interlocking with surrounding soil, rock, or earth and to function primarily as reinforcement.
- B. Modular Unit: A concrete retaining wall element machine made from Portland cement, water, and aggregates.
- C. Unit Fill: A drainage aggregate which is placed within and immediately behind the modular concrete units.
- D. Reinforced Backfill: A compacted soil which is placed within the reinforced soil volume as outlined on the plans.

1.06 Submittals

- A. Submit under provisions of Section 01 10 00: Summary of Work.
- B. Product Data: Submit manufacturer's product data for proposed materials and method of installation.
- C. Samples: Submit samples of each product used in the work of this section.
- D. Certifications: Submit a manufacturer's certification, prior to start of work, that the retaining wall system components meet the requirements of this specification.
 - 1. Contractor's submittal package shall include but not be limited to actual test results for tension/creep, durability/aging, construction damage, geogrid/facing connection, pullout, and quality control.
 - 2. Contractor shall submit certification, prior to start of work, that the retaining wall system (modular concrete units and specific geogrid):
 - a) has been successfully utilized on a minimum of five (5) similar projects, i.e., height, soil fill types, erection tolerances, etc.; and
 - b) has been successfully installed on a minimum of 1 million (1,000,000) square feet (92,000 sq m) of retaining walls.
- E. Test Reports: Submit test reports documenting strength of specific modular concrete unit and geogrid reinforcement connection. The maximum design tensile load of the geogrid shall be equal to the laboratory tested ultimate strength of geogrid/concrete retaining wall unit connection at a maximum normal force limited by the "Hinge Height" of the structure divided by a safety factor of 1.5. The connection strength evaluation shall be performed in accordance with NCMA test method SRWU-1.
- F. Contractor shall submit engineering plans prepared by a professional engineer experienced with Mechanically Stabilized Earth retaining wall systems and

registered in the state of the project location. The engineering designs, techniques, and material evaluations shall be in accordance with the KEYSTONE Design Manual, 1995, NCMA Design Guidelines for Segmental Retaining Walls, 1997, or the AASHTO Standard Specifications for Highway Bridges, Section 5.8, 1993 Interim, whichever is applicable.

- G. Submit a list of previous projects totaling of 500,000 square feet (46,000 sq m) or more where the specific retaining wall system has been used successfully. Contact names and telephone numbers shall be listed for each project.

1.07 Quality Assurance

- A. Owner will engage and pay for independent soil testing services during earthwork operations.

1.08 Delivery, Storage and Handling

- A. Contractor shall check the materials upon delivery to assure that proper materials have been received.
- B. Contractor shall prevent excessive mud, wet cement, epoxy, and similar materials (which may affix themselves) from coming in contact with the materials.
- C. Contractor shall protect the materials from damage. Damaged materials shall not be incorporated into the retaining wall structure.

Delete the following two paragraphs if all retaining walls are unreinforced.

- D. Geogrids shall be stored above minus 20 degrees F.
- E. Rolled geogrid material may be laid flat or stood on end for storage.

1.09 Record Drawings

- A. The Contractor shall keep an accurate record of the as-built conditions of the modular concrete retaining walls. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the "as-builts" to ensure compliance of the above.

PART 2 - PRODUCTS

2.01 Manufacturer

- A. Provide modular concrete retaining wall units and accessory materials fabricated by authorized licensed manufacturers of Keystone Retaining Wall Systems, 4444 West 78th Street, Minneapolis, MN 55435. Telephone 612-897-1040. ASD. FAX 612-897-3858, or accepted equal.

2.02 Modular Concrete Retaining Wall Units

- A. Modular concrete units shall conform to the following architectural requirements:

1. Modular concrete unit color: Manufacturer's standard color.
 2. Face finish: Sculptured rock face in angular multiplanar configuration. Other face finishes will not be allowed without written approval.
 3. Bond configuration - running with bonds nominally located at midpoint vertically adjacent units, in both straight and curved alignments.
 4. Exposed surfaces of units shall be free of chips, cracks or other imperfections when viewed from a distance of 20 feet (6.1 m) under diffused lighting.
 5. Corners: Provide 90 degree corners, finished two sides, where indicated.
 6. Cap units: Provide solid cap units with parallel sides for straight walls and convex walls, angular sides for concave walls.
- B. Modular concrete units shall conform to the following material requirements:
1. Cement: Materials shall conform to the following applicable specifications.
 - a) Portland Cement: ASTM C 150.
 - b) Modified Portland Cement: Portland cement conforming to ASTM C 150, modified as follows:
 - 1) Limestone - calcium carbonate, with a minimum 85 percent content, may be added to the cement, provided these requirements of ASTM C 150 as modified are met:
 - a. Limitation on insoluble residue 1.5 percent.
 - b. Limitation on air content of mortar by volume: 22 percent maximum.
 - c. Limitations of loss of ignition: 7 percent.
 - c) Blended Cements: ASTM C 618.
 - d) Pozzolans: ASTM C 618.
 - e) Blast Furnace Slag Cement: ASTM C 989.
 2. Aggregates: Conform to the following specifications:
 - a) Normal Weight Aggregates - ASTM C 33.
 - b) Lightweight Aggregates - ASTM C 331.
 3. Other Constituents: Air entraining agents, coloring pigments, integral water repellents, finely ground silica, and other constituents shall be previously established as suitable for use in modular concrete retaining wall units and shall conform to applicable ASTM standards or, shall be shown by test or experience to be not detrimental to the durability of the modular concrete units or any material customarily used in retaining wall construction.
- C. Modular concrete units shall conform to the following structural and geometric requirements:
1. Compressive strength: 3000 pounds per square inch (20MPa) minimum.
 2. Absorption: 8 percent maximum for standard weight aggregates.
 3. Unit width to height ratio: 2.25 to 1.

In the next four paragraphs concerning unit depth, weight, shear strength, and connection strength, delete the requirement for Standard or Compact units, respectively, if only one type is required. If both types are required, retain both.

4. Unit depth:
 - a) Standard units: 20 inches (508 mm) minimum.
 - b) Compact units: 12 inches (305 mm) minimum.
 5. Unit weight:
 - a) Standard units: 90 pounds (40 kg) per unit minimum for standard weight aggregates.
 - b) Compact units: 75 pounds (34 kg) per unit minimum for standard weight aggregates.
 6. Inter-unit shear strength:
 - a) Standard units: 1500 pounds per linear foot (21,000 N/m), minimum, at 2 pounds per square inch (13 kPa) normal pressure.
 - b) Compact units: 400 pounds per linear foot (5800 N/m), minimum, at 2 pounds per square inch (13 kPa) normal pressure.
 7. Geogrid/unit peak connection strength:
 - a) Standard units: 1000 pounds per linear foot (14600 N/m), minimum, at 2 pounds per square inch (13 kPa) normal force.
 - b) Compact units: 600 plf minimum at 2 psi normal force. 600 pounds per linear foot (8700 N/m), minimum, at 2 pounds per square inch (13 kPa) normal force.
 8. Maximum horizontal gap between erected units: 1/2 inch (13 mm).
- D. Modular concrete units shall conform to the following constructability requirements:
1. Vertical setback: 1/8 inch (3 mm) plus/minus per course (near vertical) or 1-1/4 inch (31.3 mm) plus/minus per course per the design drawings.
 2. Alignment and grid positioning mechanism: Fiberglass pins, two per unit minimum.

2.03 Shear Connectors

- A. Strength of shear connectors between vertical adjacent units shall be applicable over a design temperature range of minus 10 degrees F (minus 23 degrees C) to plus 100 degrees F (plus 38 degrees C). Shear connectors shall be 1/2-inch (13 mm) diameter thermoset isophthalic polyester resin- pultruded fiberglass reinforcement rods. Connectors shall have a minimum flexural strength of 128,000 pounds per square inch (882 MPa) and short beam shear of 6,400 pounds per square inch (44 MPa).
- B. Shear connectors shall be capable of holding the geogrid in the proper design position during grid pre-tensioning and backfilling.

2.04 Adhesive

- A. Construction Adhesive: Keystone Kapseal as supplied by manufacturer of modular concrete units.

2.05 Base Leveling Pad Material

- A. Material shall consist of a compacted crushed stone base or non-reinforced concrete as shown on the drawings.

2.06 Unit Fill

- A. Unit fill shall consist of clean 1-inch minus crushed stone or crushed gravel meeting the gradation listed below.
 - 1. 1-inch (25 mm) sieve, 100 percent passing.
 - 2. ¾-inch (19 mm) sieve, 75-100 percent passing.
 - 3. No. 4 (4.75 mm) sieve, 0 - 10 percent passing.
 - 4. No. 50 (300 micro-m) sieve, 0 - 5 percent passing.
- B. Pea gravel (3/8-inch to ½-inch (9.5 mm to 13 mm) round stone) is not acceptable.

2.07 Reinforced Backfill

- A. Reinforced backfill shall be free of debris and meet the following gradation requirements:
 - 1. 2-inch (50 mm) sieve, 100-75 percent passing.
 - 2. ¾-inch (19 mm) sieve, 100-75 percent passing.
 - 3. No. 4 (4.75 mm) sieve, 100-20 percent passing.
 - 4. No. 40 (425 micro-m) sieve, 0-60 percent passing.
 - 5. No. 200 (75 micro-m) sieve, 0-35 percent passing.
 - 6. Plasticity Index (PI) less than 10 and liquid limit less than 40.
- B. The maximum aggregate size shall be limited to ¾ inch (19 mm) unless field tests have been or will be performed to evaluate potential strength reductions to the geogrid design due to damage during construction.
- C. Material can be sit-excavated soils where the above requirements can be met. Unsuitable soils for backfill (high plastic clays or organic soils) shall not be used in the backfill or in the reinforced soil mass.
- D. Contractor shall submit reinforced fill sample and laboratory test results to the Architect/Engineer for approval prior to the use of any proposed reinforced fill material.

Delete the following article if all retaining walls are unreinforced.

2.08 Geogrid

- A. Material: Geogrid products shall be high-density polyethylene or polypropylene expanded sheet or polyester woven fiber materials, specifically fabricated for use as soil reinforcement.
- B. Tal, Allowable Tensile Design Load, shall be determined as follows:
 - 1. $Tal = Tult / (Rfd \times Rfcr \times Rfcd \times FS)$
 - 2. Tal shall be evaluated based on a 75 year design life.
- C. Rfcr, Reduction Factor for Creep Limited Tensile Load: Rfcr shall be determined from 10,000 hour creep testing performed in accordance with ASTM D 5262.
- D. Rfd, Reduction Factor for Durability/Aging: Rfd shall be determined from polymer specific durability testing covering the range of expected soil environments.
- E. Rfcd, Reduction Factor for Construction Damage: Rfcd shall be determined from product specific construction damage testing performed in accordance with GRI-GG4. Test results shall be provided for each product to be used with project specific or more severe soil type.
- F. FS, Overall Factor of Safety: FS shall be 1.5 unless otherwise noted.
- G. The maximum design tensile load of the geogrid shall not exceed the laboratory tested ultimate strength of the geogrid/facing unit connection as limited by the "Hinge Height" divided by a factor of safety of 1.5. The connection strength testing and computation procedures shall be in accordance with NCMA test methods.
- H. Soil Interaction Coefficient, Ci: Ci values shall be determined per GRI:GG5 at a maximum 0.75 inch (19 mm) displacement.
- I. Manufacturing Quality Control: The geogrid manufacturer shall have a manufacturing quality control program that includes QC testing for each 40,000 square feet (3700 sq m) of production, each lot, or each production day. The QC testing shall include:
 - 1. Tensile Modulus
 - 2. Specific Gravity
 - 3. Melt Flow Index (PP & HDPE)
 - 4. Molecular Weight (PETP)

PART 3 - EXECUTION

3.01 Examination

- A. Verify that layout dimensions are correct and substrate is in proper condition for installation. Do not proceed with installation until unsatisfactory conditions have been corrected.

3.02 Excavation

- A. Contractor shall excavate to the lines and grades shown on the construction drawings. Obtain the Architect/Engineer's approval of excavation prior to placement of leveling material or fill soils.
- B. Over-excavation of deleterious soils and replacement with suitable fill, when approved in advance by the Architect/Engineer, will be paid at unit cost rates.
- C. Contractor shall be careful not to disturb embankment and foundation materials beyond lines shown.

3.03 Base Leveling Pad

- A. Leveling pad material shall be placed to the lines and grades shown on the construction drawings.

Select one of the following three paragraphs for desired base leveling pad, or leave more than one if contractor may choose. Note that Proctor testing is not possible for crushed stone option.

- B. Granular leveling pad material shall be compacted to a minimum of 95 percent Standard or 90 percent Modified Proctor.
- C. Crushed stone leveling pad shall be compacted to yield (Proctor testing does not apply).
- D. Concrete leveling pad shall be minimum inches of unreinforced concrete.
- E. Leveling pad shall be prepared to ensure full contact to the base surface of the concrete units.

3.04 Modular Unit Installation

- A. First course of units shall be placed on the leveling pad, and alignment and level checked. Pins or molded surfaces of modular concrete units shall be used for alignment control; do not attempt alignment from split-face surface.
- B. Ensure that all units are in full contact with base and properly seated.
- C. Install fiberglass-connecting pins and fill all voids in and around the modular units with unit fill material. Tamp or rod unit fill to ensure that all voids are completely filled.
- D. Sweep excess material from top of units and install the next course. Ensure that each course is completely unit filled, backfilled and compacted prior to proceeding to next course.

- E. Place each subsequent course ensuring that pins protrude into adjoining courses a minimum of 1 inch (25 mm). Two pins are required per unit. Push next course unit forward, away from the fill zone, locking against the pins in the previous course and backfill as the course is completed. Repeat procedure to the extent of wall height.
- F. Follow wall erection and unit fill placement closely with any other backfilling required.
- G. Position vertically adjacent modular concrete units as recommended by the manufacturer (in running bond pattern).
- H. Maximum, stacked, vertical height of wall units, prior to wall unit fill, backfill placement and compaction, shall not exceed two courses.
- I. One cubic foot, minimum, of unit fill shall be used for each square foot (0.30 cu m/sq m) of wall face. Unit fill shall be placed within cores of, between, and behind units to meet this requirement.
- J. Whole, or cut, units on curves and corners shall be erected with running bond approximately centered on units above and below.
- K. Cap Installation: Apply adhesive to top surface of unit below and place cap unit into position over projecting pins from units below.

Delete the following article if all retaining walls are reinforced with geogrid reinforcement.

3.05 Unreinforced Backfill Placement

- A. Place and compact backfill in lifts not to exceed 8 inches (200 mm).
- B. Backfill shall be compacted to 95 percent of the maximum density as determined by ASTM D 698.
- C. Place the top 8 inches (200 mm) of the structure fill using low permeability soil.
- D. Only lightweight hand-operated equipment shall be allowed within 3 feet (900 mm) from the tail of the modular concrete units.
- E. At the end of each day's operation, the Contractor shall slope the last lift of reinforced backfill away from the wall units to direct runoff away from wall face. The Contractor shall not allow surface runoff from adjacent areas to enter the wall construction site.

Delete the following article if all retaining walls are unreinforced.

3.06 Structural Geogrid Installation

- A. Geogrid shall be oriented with the highest strength axis perpendicular to the wall alignment.
- B. Geogrid reinforcement shall be placed at the elevations and to the extent shown on the construction drawings or as directed by the Engineer.
- C. The geogrid shall be laid over the fiberglass pins of the modular wall units and extended horizontally on compacted backfill. Place the next course of modular

- concrete units over geogrid. The geogrid shall be pulled taut, and anchored prior to backfill placement on the geogrid.
- D. Follow manufacturer's guidelines relative to overlap requirements of uniaxial and biaxial geogrids.
 - E. Geogrid reinforcements shall be continuous throughout their embedment lengths. Spliced connections between shorter pieces of geogrid is not allowed unless pre-approved by the Architect/Engineer prior to construction.

Delete the following article if all retaining walls are unreinforced.

3.07 Reinforced Backfill Placement

- A. Reinforced backfill shall be placed, spread, and compacted in such a manner that minimizes the development of slack in the geogrid.
- B. Backfill shall be placed from the wall back towards the embankment to ensure that the geogrid remains taut.
- C. Reinforced backfill shall be placed and compacted in lifts not to exceed 8 inches (200 mm) where hand compaction is used, or 12 inches (300 mm) where heavy compaction equipment is used.
- D. Reinforced backfill shall be compacted to 95 percent of the maximum density as determined by ASTM D 698. The moisture content of the backfill material prior to and during compaction shall be uniformly distributed throughout each layer and shall be within +1/-3 percentage points dry of optimum.
- E. Place the top 8 inches (200 mm) of the structure fill using low permeability soil.
- F. Only lightweight hand-operated equipment shall be allowed within 3 feet (900 mm) from the tail of the modular concrete unit.
- G. Tracked construction equipment shall not be operated directly upon the geogrid reinforcement. A minimum fill thickness of 6 inches (152 mm) is required prior to operation of tracked vehicles over the geogrid. Tracked vehicle turning should be kept to a minimum to prevent tracks from displacing the fill and damaging the geogrid.
- H. Rubber tired equipment may pass over geogrid reinforcement at slow speeds, less than 10 miles per hour (16 kph). Sudden braking and sharp turning shall be avoided.
- I. At the end of each day's operation, the Contractor shall slope the last lift of reinforced backfill away from the wall units to direct runoff away from wall face. The Contractor shall not allow surface runoff from adjacent areas to enter the wall construction site.

END OF SECTION

SECTION 32 84 00 IRRIGATION SYSTEM

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of an automated irrigation system, including all necessary appurtenances for proper operation, noted or implied, as shown on the Plans and as specified herein.
- B. Water usage, meter costs, connection fees, testing and other associated utility costs are considered direct costs and is the responsibility of the Contractor until the project is accepted.
- C. Installation of the water meter shall be by the City.

1.03 Related Work

- A. Section 32 90 00: Planting
- B. Section 26 00 00: Site Electrical

1.04 Quality Assurance

- A. All work shall comply with local and state laws, codes, regulations and requirements which govern any portion or all of the work contained in this Section. These include, but are not limited to, the latest editions of:
 - 1. City of Roseville Park Construction Standards,
 - 2. City of Roseville Design and Construction Standards,
 - 3. City of Roseville Electric Department Standard Specifications,
 - 4. Local, state and federal electrical codes, manuals and guidelines, and
 - 5. Local, state and federal plumbing codes, manuals and guidelines.

1.05 Submittals

- A. Submittals for specified items are not required for Parks or Streetscape projects, unless specifically listed below. However, submittals are required for any proposed substitutions or deviations from the parks Plans or Specifications. For Streetscapes, no substitutions will be accepted. The Contractor shall submit a materials summary sheet indicating which items will be installed as specified

and which items are proposed for substitutions. The Contractor shall submit proof of order within ten (10) working days of the Notice to Proceed, indicating all specified materials have been ordered, noting "as specified" or "substitution proposed". Submittals are required on the following items:

1. Controller, Flow Sensor(s), and Master Valve(s).
2. Filter (Recycled water)
3. Booster Pump Station
4. Remote Control Valves
5. Quick Coupler Valves
6. Gate Valves
7. Mainline and Lateral Line Pipe
8. Irrigation turf rotors, spray heads and bubblers
9. Low voltage wires and wire connectors
10. Valve boxes

1.06 Explanation of Drawings

- A. The drawings are diagrammatic and do not reflect all offsets, fittings and other miscellaneous items required for a complete and operable irrigation system. It shall be the Contractor's responsibility to investigate all existing site conditions, become thoroughly familiar with the site, and provide all labor, materials and equipment required for the installation of the irrigation system.
- B. Avoid conflicts between other trades and the installation of the irrigation system. Minor adjustments to avoid such conflicts shall be made in the field. Major discrepancies between actual field conditions and the Plans shall be brought to the attention of the Project Manager. The lack of notification shall indicate that the Contractor assumes full responsibility for any revision deemed necessary to ensure proper installation.

1.07 Product Delivery, Handling and Storage

- A. All materials shall be delivered bearing manufacturer's label with size, type and model number (if applicable) clearly marked.
- B. All pipe shall be delivered in a vehicle which allows the material to lie flat without concentrated weight or stress at any point.
- C. Unload all materials with care so as to avoid damage. Store materials in a covered area and do not expose PVC pipe to extreme sun or heat. Store pipe lying flat.
- D. Do not install any material that has been damaged. Replace all material found to be damaged.

1.08 Record Drawings

- A. The Contractor shall keep an accurate record of the as-built conditions of the irrigation system. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the “as-builts” to ensure compliance of the above.
- B. Dimensions shall be recorded from two (2) permanent points of reference.
- C. The City may at its discretion withhold progress payments to the Contractor if the as-built records are not updated to the satisfaction of the City.

PART 2 - PRODUCTS**2.01 General**

- A. All materials specified shall be new, bearing the brand name, type, serial numbers and model number as shown on the Plans and as specified herein, unless otherwise accepted in writing.

2.02 Backfill Material

- A. Backfill shall be clean, screened, on-site material, free from organic material, large clods of earth and/or rock larger than one (1) inch in diameter, trash, debris, rubbish, tree trunks, broken concrete or asphalt and other unacceptable material.
- B. Material larger than one (1) inch shall be removed from site and legally disposed. All removal shall be the responsibility of the Contractor.

2.03 Meter

- A. Meter shall be as shown on the Plans and as required by the City of Roseville Environmental Utilities Department.

2.04 Backflow Prevention Device

- A. Backflow Prevention Device shall be as shown on the Plans.
- B. Cover shall be insulated, freeze-proof, removable and lockable, manufacturer and model per the City of Roseville Design and Construction Standards or accepted equal.

2.05 Filter (Recycled Water Only)

- A. Amiad Filtration Systems, Semi-Automatic Filter
 - 1. For 2", Plastic Super-T Semi-Automatic Filter.
 - 2. For 3" and above, Steel In-line Semi-Automatic Filter.
 - 3. Include Scanaway 130 micron filter element.
 - 4. Match line size of recycled water meter, down to 2" minimum.
 - 5. Include lockable protective frost cover blanket.

2.06 Flow Sensor and Master Valve

A. Calsense Controllers:

1. Flow sensor shall be a Calsense Ultrasonic Flow Meter (FM-U), or accepted equal. Flow sensor shall be accurate to +/- 2% of full scale. Flow sensor body shall be constructed of Schedule 80 PVC for sizes up to 4", and saddle taps for sizes 6" and above.
2. Master valve(s) shall be Superior, 3300 series, normally open, electric globe valve, constructed of brass with dirty water protection and No Minimum Flow feature. For recycled water systems, include -RW Recycled Water designation with purple handle for identification.
3. Flow meters to be constructed consistent with the Calsense specifications.
4. Valve boxes for master valve and flow sensor shall be 18" (jumbo) green rectangular rigid plastic valve boxes with lockable lids and extensions by Carson Industries, LLC or accepted equal. Valve box lid shall be colored green in turf areas, tan in natural planter areas, and purple for recycled water applications.

2.07 Booster Pump

- A. Customflow Quality Booster Pump by V-Power Equipment, Inc. (888) 830-8025.
- B. Provide technical startup support, pump certification and 30 month following delivery warranty by V-Power Equipment, Inc.
- C. Variable Frequency Drive Control Panel with Fuji Eco Drive, NEMA 12 enclosure, main disconnect, DC choke, panel cooling fan, HOA switch on panel door, 110 volt transformer for controls and external fan, Terminals for wire connections, (2) Pump start relays for irrigation controller controls, ET/U.L. 508A Listed and proprietary programmed for City of Roseville standard operation by Custom Pump & Power, Inc.
- D. IFM Efector PA3224 transducer is rated for 0-145PSI and adjustable through the VFD.
- E. Enclosures to be sized to fit pump, VFD, valves, bypass, transducer, and pump inserted Hot Stop temperature protection to be activated at 120 degree with manual reset mounted on the VFD panel door. Flange connection for inlet and outlet outside the enclosure. Standard enclosure to be fitted for padlock and have a shock assisted opening on the front. Larger enclosures with removable doors with built in lock with the 402 key. All enclosures to be steel and powder coated dark green.
- F. Installation by licensed contractor as shown on plans and connect power wires from meter pedestal and 24-volt control wire from the controller to the VFD line connectors inside the enclosure.

2.08 Pipe

A. PVC Pressurized Mainline

- For lines three inch (3") or larger: polyvinyl chloride (PVC) 1120-1220, SDR 21, Class 200 rubber gasketed pipe, and NSF accepted per Standard No. 14, Type I, Grade I. Conform to:

Material	ASTM
Pipe	D1784, D2241
Rubber Gasket	F477

- For lines two and one half inches (2-1/2") or smaller: Schedule 40 polyvinyl chloride (PVC) 1120-1220, and NSF accepted per Standard No. 14, Type I, Grade I. Conform to:

Material	ASTM
Pipe	D1784, D1785

B. PVC Non-Pressurized Lateral Lines

- Schedule 40 polyvinyl chloride (PVC) 1120-1220, SDR 21.0, NSF accepted per Standard No. 14, Type 1, Grade II.

C. Recycled Water

- Pipes shall meet the standards outlined in Sections 2.08, A and B above, unless otherwise noted in the City of Roseville Design and Construction Standards for recycled water, latest edition.
- All pipes containing recycled water shall be purple, NSF accepted and conform to the City of Roseville Design and Construction Standards, latest edition.

2.09 Fittings and Nipples

A. Fittings for Mainline Pipe:

- For all control valves on mainlines three inches (3") and larger, use painted, ductile iron saddle taps with double stainless steel straps and nuts Model #202 by Romac Industries, Inc. or accepted equal.
- For all other connections on mainlines three inches (3") and larger mainline pipe, use glued schedule 80 fittings.
- For all control valves on mainlines two and one half inches (2-1/2") or smaller, use glued schedule 80 fittings.
- For all other connections on mainlines two and one half inches (2-1/2") or smaller, use glued schedule 40 fittings.

B. Fittings for Solvent Weld Pipe- Laterals:

- Schedule 40 polyvinyl chloride (PVC), standard weight, conforming to ASTM D2466-73.
- Weld-on #P-70 primer and Weld-on #711 gray glue or accepted equal.
- Teflon tape for all threaded PVC fittings.

- C. Plastic Nipples shall be Schedule 80, Type 1, Grade 1, polyvinyl chloride (PVC), threaded at both ends, and conforming to ASTM D1784 -85. Nipples shall be uniformly gray.
- D. Fittings for Recycled Pipe:
 - 1. Fittings shall meet the standards outlined in Sections 2.09, A, B and C above, unless otherwise noted in the City of Roseville Design and Construction Standards for recycled water, latest edition.

2.10 Swing Joints

- A. Swings joints shall be as shown in the City Parks Construction Standard detail. Schedule 40 threaded PVC triple swing joints or an accepted equal.

2.11 Electric Remote Control Valve

- A. Sizes as shown on the Plans. All valves shall be Rainbird PEB series or accepted equal and shall contain the following:
 - 1. a globe-type electric remote control, normally closed diaphragm type with slow opening and closing action,
 - 2. encapsulated solenoid type actuation,
 - 3. a minimum rating of twenty-four (24) volts,
 - 4. sixty (60) cycle,
 - 5. two to five (2-5) watts,
 - 6. a manual flow adjustment with shut-off provisions,
 - 7. provisions for an external "bleed" of the diaphragm chamber for manual operation.
 - 8. a ball valve on the inlet.
 - 9. Schedule 80 PVC threaded fittings from main line to valve.
- B. Valve boxes shall be rectangular, rigid plastic valve boxes with lockable lids and extensions by Carson Industries, LLC or accepted equal. Valve box shall be sized appropriately to house entire valve assembly with space to accommodate maintenance access. Valves for drip zones require Jumbo size boxes.
 - 1. Boxes shall be colored green in potable applications, and purple for recycled water applications.
 - 2. Valve boxes used on recycled water systems shall be permanently colored purple through the manufacturer. Boxes painted purple will be rejected.
 - 3. Label lids using heat branded identification, T:Turf, S:Shrubs, B:Bubblers
- C. Controller station identification number shall be standard yellow tags with permanent numbers by Christy or accepted equal.

2.12 Root Watering System

- A. Provide pre-manufactured root watering system.

1. Pressure compensating bubbler. See irrigation sheets for flow rates.
2. Check valve where applicable to prevent low head drainage.
3. Swing joint assembly
4. Locking grate top on semi-rigid mesh tube. Use purple grate for Recycled water systems
5. Filter fabric sleeve

2.13 Irrigation Heads

- A. All irrigation heads shall conform to type, size, precipitation rate, gallons per minute discharge, pressure and throw radius as shown on the Plans, unless otherwise accepted in writing.
- B. In all available models, all irrigation heads shall have stainless steel risers, unless otherwise approved in writing.
- C. For recycled water applications, irrigation heads shall be colored purple, have debris pocket, and wiper seals with 3 touch points.
- D. Irrigation heads shall have built-in pressure regulation for pop up sprays and/or water-efficient heads.
- E. Include built-in check valve where applicable to prevent low head drainage.

2.14 Drip Irrigation

- A. Sub-surface dripline.
 1. Flexible polyethylene tubing shall have factory-installed pressure-compensating, inline emitters spaced evenly per listed spacing.
 2. Emitter shall incorporate elemental or ionic copper root intrusion prevention technology, and shall be warranted by the manufacturer to be free of emitter plugging due to root intrusion for a period of fifteen (15) years minimum.
 3. Emitter shall have a built-in check valve that will hold back, at minimum, an 8.5' column of water.
 4. Dripline for use with recycled water systems shall be properly and permanently marked for non-potable use.
- B. All fittings shall be constructed of injection molded, brown plastic having a nominal outside dimension of 17mm (0.56"). Female and male threaded ends shall be capable of mating to standard PVC pipe with tapered threads.
- C. Line flushing valve
 1. Valve shall be schedule 40 PVC ball valve with brass hose thread adapter.
 2. Valve box shall be rigid plastic, with lockable cover by Carson Industries, LLC or accepted equal. Boxes shall be colored green in potable applications, and purple for recycled water applications.
 3. Drip system operation indicator shall be Rainbird 1812 Pop-up spray body with 4-VAN nozzle set to 0-degree pattern, with Rainbird SA-125050 swing assembly and XFF-TFA barbed bt ½" FIPT fitting, or accepted equal.

- D. Pressure Regulating Filters shall be Rainbird PRB Pressure Regulating Basket Filter, or approved equal, and shall include: Basket style body and jar-top cap constructed of heavy-duty glass-filled, UV-resistant polypropylene, with 150 PSI (10,3 bar) operating pressure rating. Standard 200 mesh (75 micron) filter screen constructed of stainless steel attached to propylene frame. Normally-open in-line pressure regulating device, constructed of durable, UV resistant non-corrosive material able to accommodate an inlet pressure rating of not less than 150 PSI (10,3 bar), with preset outlet pressure of approximately 40 PSI (2,8 bar).

2.15 Thrust Blocks

- A. All thrust blocks shall be concrete. The size of the blocks shall be determined by the average safe soil-bearing load of 700 lbs. per square foot.
- B. Polyethylene sheeting at thrust blocks shall be 6mil.

2.16 Quick Coupler Valves

- A. For recycled water, quick coupling valves shall be Rainbird #44NP lockable or accepted equal. All quick coupling valves shall be:
1. brass or bronze with one (1) IPS female pipe connection,
 2. two piece body with a removable upper portion (for replacement), and
 3. durable yellow covers for potable and purple covers for recycled water.
- B. Valve keys shall be brass or bronze and shall be of the same manufacturer and size as the valve.
- C. Valve box shall be rigid plastic, a minimum of ten inches (10") in diameter with lockable cover by Carson Industries, LLC or accepted equal. Boxes shall be colored green in potable applications, and purple for recycled water applications.
- D. Where recycled water is used, conform to the City of Roseville Design and Construction Standards.

2.17 Manual Valves

- A. For pipe four inches (4") and larger gate valves shall be:
1. located where shown on the Plans,
 2. flanged with Class 125 cast iron body,
 3. bronze trimmed with a non-rising stem,
 4. square operating nut,
 5. able to withstand a cold water pressure of 150 pounds per square inch, and
 6. sized to match the pipeline which the valves serve, unless otherwise shown on the Plans.
- B. For pipe three inches (3") or smaller and on pipes which feed directly into a remote control valve, ball valves shall be installed and shall:

1. allow for manual operations,
 2. rapid on/off , drip-tight shut-off control,
 3. be constructed of bronze or brass with heavy-duty handle,
 4. operate up to 22 gallons per minute,
 5. operate between 15 and 150 pounds per square inch, and
 6. be sized to match the pipeline which the valves serve, unless otherwise shown on the Plans.
- C. Valve box shall be rigid plastic, a minimum of ten inches (10") in diameter with extensions and lockable cover by Carson Industries, LLC, as shown on the Plans or accepted equal. Boxes shall be colored green in potable applications, and purple for recycled water applications.

2.18 Automatic Irrigation Controller

- A. Automatic controllers shall be Calsense CS3000 or accepted equal. Each controller shall include:
1. CS3-## – Calsense (##) Station Base Model,
 2. FM-U – Flow Meter (Ultrasonic),
 3. -S1– Stainless Steel Enclosure with 1 hole for Stubby Antenna.
 4. CS3000 Transient Protection
 5. TP-110 – AC Line Protection,
 6. GR-STUBBY – Antennae w/2ft cable
 7. On/Off Switch
 8. GFI electrical outlet inside enclosure.
- B. Third-Party Communications hardware required:
1. Sierra Wireless AirLink RV55 LTE-A PRO Router (#1104303)
 2. Router AC Adapter (#2000579)
 3. AT-5 (or higher) Ethernet Cable - 1ft (#A3L781-01-BLU)
- C. Communication wire between controllers, when required, shall be Paige Cable P7171D or accepted equal.

2.19 Control Wires

- A. Direct burial solid copper wire AWG-U.F. 600 volt.
- B. Common wire and two spare wires shall be minimum #12-gauge.
- C. Pilot wires shall be red, minimum #14-gauge. Wire gauge shall be, at minimum:

Wire Gauge	#14	#12	#10	#8
Max. Distance (ft.)	2,500	3,250	4,000	4,800

- D. Splices:
1. Wire connections at remote control valves only shall utilize 3M direct bury splice kit model #DBY (yellow) or model #DBR (red).

2. All other splices, including line splices, connections to flow meters and other sensors, shall utilize 3M Scotchcast 3570G Connector Sealing Packs, no known equal.

E. Wiring colors shall be:

USE	COLOR
Flow	Yellow
Master	Blue
Pump	Black
Valves	Red
Common	White
Spare	Orange
Tracer	Green

2.20 Sleeves

- A. Schedule 40 PVC 1120-1220 and two times the diameter of the pipe to be accommodated by the sleeve, one (1) for control wires and one (1) for main line, and one (1) for lateral lines.
- B. Maximum one (1) line per sleeve.
- C. Add one (1) spare, same size as largest.

2.21 Tracer Wire

- A. Insulated solid copper wire, minimum #12 gauge. Color shall be green.

PART 3 - EXECUTION

3.01 Site Conditions

- A. Prior to start of irrigation work, review the site conditions to verify that stub-outs, points of connections, sizes of the points of connections, water pressure and other essential items necessary for irrigation work to commence are as shown on the Plans and as indicated in the Specifications.
- B. Notify the Inspector immediately of any existing conditions which are unacceptable for the commencement of irrigation work.

3.02 Coordination of Work

- A. Coordinate all work with other trades.
- B. The irrigation plan is diagrammatic. Whenever possible, locate all pipes in planted or turf areas. Do not scale off of the Plans. Where field conditions have changed, notify the Inspector immediately.

3.03 Excavation and Trenching

- A. Trenches shall be dug straight and in such a manner as to completely support the pipe continuously along the bottom of the trench. In rocky conditions, over-excavation and placement of clean bedding material may be required to ensure

protruding rocks do not place undue stress on pipes. Trench layout shall follow that shown on the Plans, except where accepted by the City.

- B. The following minimum cover shall be provided for pipe:

Pipe Type	Minimum Cover
Pressurized Mainlines	24"
Non- Pressurized Lateral Lines	18"
Domestic Water Lines	24"
Control wires	24"
PVC Sleeves under Paving	18"
PVC Sleeves under Auto X-ings	24"

- C. Install detection wire, looped in and out of valve boxes and attached to all irrigation mainlines.
- D. High voltage wires shall not be installed in the same irrigation water line trench.

3.04 Testing and Flushing

- A. Pressure Testing shall occur only when the following conditions can be fulfilled:

Item Description	Condition
Quick coupler valves	Installed and capped
Electric remote control valves	Installed
Flow valve	Installed and open
Ball/Gate valves	Installed and open
Lateral lines	Disconnected
Welded PVC joints	Cured at least 24 hours
Pipe	Center loaded with backfill
Concrete Thrust Blocks	Installed and cured at least 48 hours
Couplings and fittings	Exposed
Detection wire	Installed

- B. A pressure gauge shall be installed at the lowest point of the line. Continuous pressure shall be applied at a rate of 125 psi for all mainlines. The pressure shall remain stable for a minimum of two hours with no detectable leakage. Upon completion of the test, a complete examination of the line shall be conducted by the City. Leaks resulting from the test shall be repaired and the line shall be re-tested. This process shall be repeated until the line passes the leakage test.
- C. All lines and risers shall be flushed prior to final installation of irrigation heads. All control valves shall be left open during the flushing process.

3.05 Backfilling and Compacting

- A. Backfilling of trenches shall not occur until all tests and reviews have been performed. See inspection record contained in the Parks Construction Standards, latest edition. Any trench that is prematurely backfilled may be required to be re-dug for review.

- B. Compaction of the trenched areas shall meet the following compaction rates of 95% in areas to receive paving and 85% in areas to be planted.
- C. Do not flood trenches unless otherwise accepted by the City.
- D. Sunken trenches shall be re-finished flush with the adjacent grades.

3.06 Backflow Prevention Device and Enclosure

- A. Install per local codes and manufacturer's instructions.
- B. When the flow meter is installed above grade, install a backflow prevention device enclosure with lockable gate.

3.07 Flow Meter Installation

- A. Install per local codes and manufacturer's instructions.
- B. All flow meters shall be installed in ground.
- C. Install 3/4" conduit from irrigation controller to flow meter valve box. Install a pull box every 100'.
- D. Valve box lids shall be permanently marked identifying FM for flow meter and MV for master valve and GR for grounding rod with heat branding using stencils in a uniform location on all boxes throughout.

3.08 Booster Pump Installation

- A. Install per local codes and per manufacture's instruction.
- B. Furnish wires and conduits to connect electrical power, and 24-volt pump start controls to the VFD panel located inside the VFD panel
- C. Ductile iron plumbing from the flanges above ground to the mainline.
- D. Install level concrete housekeeping pad for the pump enclosure per plans, 4" thick, 1" above ground, with 1/2" tool edges
- E. Trust blocks to be installed per pump manufacturer's and landscape architect's requirements.

3.09 Pipe Installation

- A. Install irrigation pipe in planted areas whenever possible.
- B. All pipe and fittings shall be cleaned and free from dirt, dust and moisture.
- C. Pipe may be assembled along the trench at grade to avoid undue strain on the pipe or the fittings. All solvent weld connections shall be primed before applying glue. Snake the pipe within the trench to compensate for expansion and contraction.
- D. All PVC pipe and metal valve connections shall be made with threaded fittings consistent with drawings PK-15 and PK-16 of the City of Roseville Parks Construction Standards.
- E. All PVC-to-PVC threaded connections shall be made with Teflon tape.

- F. Install concrete thrust blocks in locations where rubber gasketed irrigation mainlines change directions, e.g. ells, tees; as required on other lines and fittings; and at the termination point of the mainline. Do not conduct a pressure test within 48 hours of the thrust block pours. The size of the thrust blocks shall be per manufacturer's instructions and shall be adequate in size to absorb thrusts up to the maximum internal water pressure. Refer to 3.18 Thrust Blocks.
- G. Use glued fittings for all connections inside of a sleeve and within 20' of a sleeve.
- H. When multiple pipes are in the same trench, provide a minimum 2" horizontal separation between pipes, or equal to diameter of pipe, whichever is larger. Do not stack pipes vertically.

3.10 Electric Remote Control Valves

- A. Install per local codes, manufacturer's instructions, City of Roseville Design and Construction Standards and as shown on the Plans.
- B. Install one (1) electric remote control valve per box and whenever possible, group valve boxes together. Align boxes in a straight and neat row and flush to finish grade. Provide a minimum of six (6) inches between boxes.
- C. All valves shall be tagged for easy identification of valve number. Valve box lids shall be permanently marked identifying valve number and controller letter with heat branding using stencils in a uniform location on all boxes throughout.
- D. Each valve shall be separately saddle tapped. Manifolded valves shall be rejected.
- E. Locate valve boxes outside of turf areas, adjacent to paving, i.e. sidewalks, hardscape, etc. except where shown on the Plans.
- F. Provide a minimum of eighteen (18) inches of a complete set of spare control wires, looped, within all control valve boxes.

3.11 Irrigation Heads

- A. Install all heads where shown on the Plans and as specified herein.
- B. Turf rotary pop-up heads shall be placed two (2) inches from any edge of adjacent walkway, concrete mow band, concrete curb, header board or other hardscape edging, or as required by current WELO regulations.
- C. Rotary pop-up heads shall be installed flush with the top of finish grades of turf or planting areas.
- D. Sprinkler head riser nipples sizes shall match or be the same as the riser opening of the sprinkler body.
- E. Install sprinkler heads with internal check valves where heads are located in low drainage areas, i.e. bottom of berms, bottom of drainage swales, toe of slopes, etc.
- F. Install all heads perpendicular to ground surface with an offset from the edge of pavement as indicated in the details.

3.12 Drip Irrigation

- A. Drip irrigation is to be installed in a grid pattern layout of equal spacing between rows, unless otherwise noted on approved plans.
- B. All drip irrigation shall be installed sub-surface, per manufacturer's specifications. Staple all tubing to soil at 5 feet on-center spacing prior to backfilling.
- C. Drip line shall be installed prior to plant installation, with the exception of 15-gallon and larger plant container sizes, which may be installed first at the discretion of the contractor.
- D. Line Flushing Valves are to be installed below grade, as detailed, in a valve box with bolt-down lid to allow for periodic inspection and flushing.
 - 1. Minimum of One (1) Line Flushing Valve shall be installed for every fifteen (15) GPM of zone flow, and at every termination point within a zone, and shall be installed at a point farthest away from the source (typically on an exhaust header) as possible.
- E. Pop-up drip system operation indicators shall be placed within eighteen inches (18") of each Flush Valve and shall not be placed such that it will be obstructed by vegetation. Place minimum twelve (12) inches from adjacent hardscapes.
- F. If required, Air/Vacuum Relief Valves shall be installed below grade in valve boxes to allow for periodic inspection.
- G. Valve box lids shall be permanently marked identifying LF for Line Flush valve and AR for Air/vacuum Relief with heat branding using stencils in a uniform location on all boxes throughout.

3.13 Quick Coupler and Gate Valves

- A. Install per local codes and manufacturer's instructions.
- B. Locate valve boxes flush with finish grade, twelve (12) inches from walkways, curbs, header boards, etc., and within planted area whenever possible.
- C. Install one (1) valve per box.
- D. For quick coupler valves, install at 100 feet on center to the extent possible. Provide a 24" steel support staked adjacent to the riser using two (2) stainless steel clamps.
- E. For gate valves, install at locations indicated on the Plans.
- F. For valve boxes installed below grade, provide 3M ball markers.
- G. Valve box lids shall be permanently marked identifying GV for gate valve and QC for quick couplers, and SB for splice boxes with heat branding using stencils in a uniform location on all boxes throughout.

3.14 Automatic Controller

- A. Install per local codes and manufacturer's instructions within the specified enclosure.

- B. Provide single Paige Cable P-7171D installed in conduit between all controllers.
- C. Provide all necessary wiring for a complete installation between the controller and the valves.
- D. Above grade wiring shall be installed in metal conduit, unless otherwise accepted. Securely mount conduit onto enclosure or wall and paint to match the adjacent surface.
- E. Provide a grounding rod and bonding for each enclosure as required for lightning protection. Grounding rod shall be consistent with drawing PK-1 of the City of Roseville Parks Construction Standards. Install separate grounding rods for each enclosure where bonding is impractical.
- F. Label each controller, using permanent markings, with the letter identification indicated on the Plans. Affix label on the inside of the controller cabinet door.
- G. Install 110V outlet (GFIC) inside controller enclosure.
- H. Provide two (2) reduced as-built irrigation diagrams, laminated and color-coded indicating controller letter, valve/station numbers, valve size, operating pressure, gallons per minute and type of planting for each valve. See Section 01 10 00: Summary of Work 1.15B.
- I. Ground test to be conducted after installation. Test results shall not exceed 25 ohms.

3.15 Control Wires

- A. Wherever possible, install control wires in common trenches with mainline. The wires shall be taped in bundles at ten (10) feet on center and laid to the side of the pipe. Provide slack between ties to allow for contraction.
- B. Wire valve to controller as shown on the plans.
- C. Where runs are long, provide an extra three (3) feet of extra ground and control wires looped at 200' intervals. Snake wires within trenches to allow for contraction.
- D. Line splices shall occur in valve boxes at grade, label and allowed only on lengths greater than 2500'. Show locations on as-built plans.
- E. Do not wrap wire around pipe or allow any wiring to be placed in concrete or concrete thrust blocks.
- F. Install two (2) spare wires starting from the controller, looped to each valve box to the furthest valve box, without splices.

3.16 Tracer Wire

- A. Install tracer wire on top of the mainline.
- B. Provide a twelve-inch (12") loop in and out of each valve box. Solder all splices.
- C. Where potable water lines are placed in a separate trench, install a tracer wire on top of the potable water line.
- D. Tracer wire shall be tested during review and pressure test of the mainline.

3.17 Sleeves

- A. Install sleeves under all pavement and as shown on the Plans.
- B. Install sleeves at the depths indicated in Section 3.03B above.
- C. Extend sleeves a minimum of twelve (12) inches beyond the edge of pavement.
- D. At every sleeve location installed in roadways, provide a spare PVC sleeve capped at each end and marked with a 3M ball marker.

3.18 Thrust Blocks

- A. Install polyethylene sheeting between mainline and concrete.
- B. Thrust blocks shall be formed against a solid trench wall. The thrust block cavity shall be in undisturbed soil or previously placed compacted backfill that yields an acceptable allowable bearing pressure.
- C. Concrete thrust blocks shall not be poured on valve wires.

3.19 Cross Connection Testing for Recycled Water Systems

- A. The Recycled Water System shall be tested for cross connection in accordance with Uniform Plumbing Code Appendix J prior to use.
- B. All testing of Recycled Water Systems must be performed utilizing a potable water source via a construction water connection per City of Roseville Construction Standards. No Recycled Water may enter a Recycled Water System until all testing is successfully completed.
- C. At the time a cross connection test is to be performed, construction on both the Potable and Recycled Water Systems being tested must be complete and both systems fully operational and functioning as designed.
- D. Cross connection testing shall be performed in the system by City forces with the assistance of the contractor. The test must be coordinated through the Parks Department Inspector. Forty-eight (48) hours' notice is required before the test. Depending on complexity of the site, a preliminary field meet may be required.

3.20 Coverage Test

- A. Prior to planting, the Contractor shall perform a coverage test to confirm that water coverage is complete and adequate, and produces no overspray onto hardscapes. Irrigation pressure readings at the head or emission device may also be taken as part of the coverage test to confirm adequate system hydraulics.
- B. The coverage test shall be performed on the entire irrigation system and shall be performed in the presence of the Parks Inspector. The irrigation system must be connected to the City water system through the water meter. Temporary connections are not allowed. On recycled water systems, the

coverage test shall take place only after successful completion of the cross-connection test, with the recycled water meter in place.

- C. On Park projects containing turf, a comprehensive survey of the Distribution Uniformity (Low Quarter) of each irrigation zone containing turf shall be performed by a third-party, certified irrigation auditor prior to planting of turf. The irrigation system must be 100% complete, including functionality of the irrigation controller and booster pump, if present. The irrigation auditor shall prepare and submit a report listing each zone's Distribution Uniformity, including actual mapping data of individual catch cans recorded on irrigation plan sheets, and noting any potential deficiencies in the system leading to any inadequate findings. Reported deficiencies in Distribution Uniformity will be evaluated by the Project Manager and may require corrective measures prior to approval of turf planting. Deficiencies caused by improper installation shall be corrected at no additional cost to City.

3.21 Irrigation Audit

- A. A landscape irrigation audit shall be performed after all landscape and irrigation is installed. The irrigation system must be 100% complete, including functionality of the irrigation controller and booster pump, if present.
- B. All landscape irrigation audits shall be conducted by a third party certified landscape irrigation auditor. Landscape audits shall not be conducted by the person who designed the landscape or installed the landscape.
- C. The water audit shall conform to the specific water audit requirements of the City of Roseville Environmental Utilities Department, and any supplemental requirements from the City of Roseville Parks, Recreation & Libraries Department. The contractor shall submit a comprehensive landscape irrigation audit. This shall include, but is not limited to:
 - 1. A completed Irrigation Audit Report-(City of Roseville provided forms only)
 - 2. Complete system evaluation, including site conditions, system and flow data.
 - 3. Scheduling parameters used to set the irrigation controller.
 - 4. An Irrigation schedule for the landscape provided to the owner.
- D. A minimum of 25% of all zones shall be audited. The 25% minimum shall be a representative sample of each irrigation method present (i.e. Rotors, bubblers, rotary nozzles, drip, etc.), and is in addition to any turf zones audited during the coverage test.
- E. Any deficiencies noted in the audit report such as, but not limited to, run-off, overspray, obstruction of spray patterns, etc., shall be corrected and signed off as such by the original irrigation auditor prior to submission of the report. Do not submit audit reports with uncorrected deficiencies.

3.22 Clean Up

- A. Each phase of work shall be immediately cleaned up. Excess equipment, material, etc., shall be legally disposed of and removed from site. All concrete, asphalt and/or decomposed granite paving shall be kept free of soil. Damage to such surfaces shall be immediately repaired to the satisfaction of the City.

PART 4 - GUARANTEE

4.01 General

- A. Contractor shall provide a written guarantee covering all materials, equipment and workmanship furnished by him to be free of all defects after installation is accepted, including all defective parts that may have been found.
- B. All paved areas shall be swept clean and planted areas shall be weed-free.
- C. All irrigation heads shall be properly adjusted. Debris and refuse shall be removed from site prior to inspection.

4.02 Pre-Final (Punch List) Review

- A. See Section 01 10 00 1.16 - Summary of Work for notification process.

4.03 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.

4.04 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.

END OF SECTION

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

FOR COUNCIL APPROVAL ONLY
NOT FOR BIDDING

SECTION 32 90 00 PLANTING

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of landscape items, including all trees, shrubs, groundcovers and turf; maintenance for the establishment of new plant materials; and all necessary appurtenances for proper planting, noted or implied, as shown on the Plans and as specified herein.

1.03 Related Work

- A. Section 31 20 00: Earthwork
- B. Section 32 84 00: Irrigation System

1.04 Quality Assurance

- A. Provide an experienced foreman who shall directly supervise the work force during all work to be performed under this contract. The foreman shall be present during the time when work is to be performed.
- B. Plant material shall conform to current "American Standards for Nursery Stock" and the State of California Grading Code of Nursery Stock, No. 1 grade. Use only nursery-grown stock.
- C. All plant material shall be certified free of plant diseases and insect infestations from the County Agricultural Commissioner as required by law. Each shipment of plant material shall be required to have clearance certificates.
- D. Prior to planting, a soils fertility test/analysis shall be conducted by an accepted and qualified testing laboratory. Test results shall contain existing nutrient levels, soil texture, cation exchange capacity, soluble salts, pH levels, infiltration rates and recommended soil amendments/fertilizers to ensure proper growth of the specified plantings.

1.05 Submittals

A. Submittals for specified items are not required; however, submittals are required for any proposed substitutions or deviations from the Plans or Specifications. Additionally, submittals are required for the specific items listed below. The Contractor shall submit a materials summary sheet indicating which items will be installed as specified and which items are proposed for substitutions. The Contractor shall submit proof of order within ten (10) working days of the Notice to Proceed, indicating all specified materials have been ordered, noting "as specified" or "substitution proposed". Submittals are required on the following items:

1. Bark mulch material,
2. Certificates of compliance for turf seed mix, soil amendments, fertilizers and hydroseed mix,
3. Sod-grown turf,
4. Soils test-with soil amendment recommendations.
5. Trees
 - a) Submit for approval, plant sources including the names of nurseries proposed as sources of acceptable trees, and a list of the trees they will provide. The plant list shall include the botanical and common name and the size at the time of selection, including basal caliper and height.
 - b) Submit all requests for substitutions of plant species or size for approval. Request for substitution shall be accompanied with a list of nurseries contacted in the search for the required plant and a record of other attempts to locate the required material. Requests shall also include sources of plants found that may be of a smaller or larger size, or a different shape or habit than specified, or plants of the same genus and species but different cultivar origin, or which may otherwise not meet the requirements of the specifications, but which may be available for substitution.

1.06 Soil Testing

- A. Native soil and in-place topsoil shall be tested for amendment determination. Soil Tests shall include soil texture, macro nutrients, micro nutrients, lime, base saturation, pH, sodium, boron, salinity, Cation Exchange Capacity (CEC), and Organic content.
- B. Submit soils report for review and approval after completion of grading operations. Soil Testing shall be performed by an agriculture-based lab, with detailed, written recommendations for soil amendments and fertilizers specific to ornamental landscape plants and turf.

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1.07 Product Delivery, Handling and Storage

- A. All materials shall be delivered bearing nursery label with botanical, common names, including cultivars.
- B. Carefully handle plant material to ensure that limbs are not broken during the planting or storage of the material.
- C. Store plant material in a covered area on-site, protected from inclement or hot weather on-site. Keep root balls moist by frequent watering (during hot weather) of all accepted stock until such time as planting occurs.

1.08 Inspection of Plant Material

- A. Notify the Project Manager a minimum of 48 hours prior to date of delivery. All plant material is subject to inspection at the time of delivery. A sample number of plants will be inspected for the following items:

If the sample....	then the plant shall be...
is healthy, shapely and well rooted	accepted.
bears a strong central leader	accepted.
is wilted, wind-blown or sunburned	rejected.
is root-bound, restricted or deformed	rejected.
does not bear a strong central leader or has been severely pruned back	rejected.

- B. Stock to be consistent with CALFIRE Nursery/Tree Quality Cue card and Root Management Cue Card. Inspector may require contractor to remove tree or plant stock from plant containers to examine roots.
- C. 15 gal tree needs to have at least 1" in basal caliper, a 24" box tree needs to have at least 2" in basal caliper, a 36" box tree needs to have at least 3" in basal caliper. Basal caliper is measured as 6" above the ground.
- D. Based on the sample inspection, the Project Manager or Inspector reserves the right to reject any or all of the plant material delivered. All rejected plant material shall be immediately disposed of off-site.

1.09 Record Drawings

- A. The Contractor shall keep an accurate record of the as-built conditions of the landscaping. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the "as-builts" to ensure compliance of the above.

PART 2 - PRODUCTS**2.01 Plants**

- A. The material to be planted shall conform to that indicated on the plans, unless otherwise accepted. The quantity shown on the Plans is approximate and is

furnished for convenience only. Verify all quantities prior to ordering plant material.

2.02 Turf

A. Turf shall be seed and sod.

B. Seed –

1. 98% pure, weed-free mixture with a minimum of 95% germination. Deliver on-site unopened and in the original containers.
2. 100% Turf Saver RTF (Rhizomatous Tall Fescue) by Barenbrug or accepted equal.
3. Rhizome – Active Tall Fescue Blend by Pacific Coast Seed or accepted equal:
 - 34% Traverse Turf-type Tall Fescue
 - 33% 3rd Millennium Turf-type Tall Fescue
 - 33% Rambler Turf-type Tall Fescue

4. Turf seed mix shall be Blue tag certified.

C. Sod – Tall fescue blend with named, improved turf-type varieties only. Blend shall contain a minimum 25% Lateral Spread, Rhizomatous, or Self-Repair type tall fescue. Sod shall be non-netted, and contain no more than 10% Bluegrass.

D. Bioretention Sod – see plans.

E. Seed / Sod must be submitted and accepted by the Project Manager prior to ordering.

2.03 Soil Amendment

A. As recommended by soils test report.

2.04 Mulch

A. Regular “Walk-on” fir bark as manufactured by Redi-Gro Corporation, Sacramento, CA (916) 381-6063, Mallard Creek, Inc, Rocklin, CA (916) 645-1681, My Bark Company, Inc., Linden, CA (209) 649-4250 or accepted equal.

B. Decorative bark, shredded lumber or saw dust, and construction debris are not permitted. The mulch must be free of needles.

2.05 Topsoil

A. Stockpiled, on-site material.

B. Imported topsoil shall be natural, friable, well-draining, free from admixture of subsoil and foreign objects larger than one inch (1”) in diameter, free from toxins or any other harmful substance which may deter healthy plant growth.

C. Perform a soils test for all imported soil. Soil test shall comply with Section 1.06. Submit soils report for review and approval prior to import activities.

2.06 Pre- and Post- Emergent Herbicide

- A. Clean, and non-staining. Consult with a pesticide specialist.

2.07 Tree Stakes and Ties

- A. Trees furnished in #15 nursery containers require 2" diameter stakes. Trees less than 8' in height require an 8' stake; trees 8' or greater in height require a 10' stake. Stakes shall be pine or Douglas fir (pressure or non-pressure treated).
- B. Trees furnished in 24" boxes or larger require 3" diameter by 10' long stakes. Stakes shall be, pine or Douglas fir (pressure or non-pressure treated).
- C. Tree ties and Tree Guying shall be Super Tree Tie, bursting strength 300psi, tensile strength 300lbs , 1" vinyl impregnated Nylon, waterproof, Manufactured by: Arthur Enterprises. Cut to length. Color to be Green.

2.08 Native Broadcast Seed

- A. Where required, broadcast seed shall be applied as follows:

1. Upland areas

Elymus glaucus (Blue Wildrye)	10.0 lbs/acre
Nassella pulchra (Purple Needlegrass)	9.0 lbs/acre
Nassella cernua (Nodding Needlegrass)	6.0 lbs/acre
Melica californica (Californiameljc)	3.0 lbs/acre
Vulpia microstachys (Small Fescue)	3.0 lbs/acre
Poa secunda (Native Pine Bluegrass)	3.0 lbs/acre
Bromus carinaws (California Brome)	2.0 lbs/acre

2. Channel / Wetland Edges (bottom to 3' above high water level)

Elymus trachycaulus (Slender Wheetgrass)	12.0 lbs/acre
Hordeum brachyantherum (Meadow Barley)	10.0 lbs/acre
Leymus triticoides 'Yolo' (Creeping Wildrye)	8.0 lbs/acre
Agrostis exarata (Bentgrass)	3.0 lbs/acre
Elymus glaucus (Blue Wildrye)	5.0 lbs/acre

3. Wildflowers (addition to seed mix(es) above, if specified)

Clarkia amoena (Farewell to Spring)	0.5 lbs/acre
Eschscholzia californica (California Poppy)	2.0 lbs/acre
Lupinus nanus {Sky Lupine}	3.5 lbs/acre
Nemophila menziesii (Baby Blue Eyes)	1.5 lbs/acre
Lasthenia californica (Common Goldfields)	1.5 lbs/acre

- B. Areas with sandy, dry soil shall receive: Zorro Annual Fescue 6 lbs/acre, Rose Clover 9 lbs/acre

- C. A fertilizer consisting of 15-15-15 shall be applied at a rate of one half pound per 1,000 square feet. Fertilizer shall be Natural-based, slow release, and balanced in N, P, & K.
- D. Seed for creek banks shall conform to the latest requirements of the California Department of Fish and Game.

PART 3 - EXECUTION

3.01 Site Preparations

- A. Prior to start of landscaping work, review the site conditions to verify that final grades have been established, plant/turf beds are weed free, and the irrigation system is operational as shown on the Plans and as indicated in the Specifications.
- B. For landscaping within all street right-of-ways, conduct a soils analysis test of the existing soils and remove all lime-treated soils, aggregate base or other non-organic material to a minimum depth of two feet before planting or irrigation installation. Import topsoil to bring the finish grade to specified grades. Submit the soils analysis test results of the imported material prior to import.
- C. Notify the Inspector immediately of any existing conditions which are unacceptable for the commencement of landscaping work.

3.02 Coordination of Work

- A. Coordinate all work with other trades.

3.03 Preparation of Planting and Turf Areas

- A. Upon completion of grading and underground activity, Contractor shall obtain a soils test as outlined in 1.06.
- B. Place stockpiled topsoil in all areas to receive planting or turf to a minimum depth of twelve inches (12").
- C. Rip topsoil surface in two directions to a minimum depth of twelve inches (12").
- D. Spread soil amendments at the rates indicated in the soils report.
- E. Rototill amendments to recommended depths. Till amendments to a depth of 6" or as recommended by soils report.
- F. Remove all rock and debris which are greater than ½ inch in areas to be turfed and one inch (1") in areas to be planted.
- G. All planted and turf areas to be smooth and uniform in grade as shown on the Plans.
- H. Planting areas to be sloped to drain as shown on the Plans.

3.04 Storage of Plants and Trees

- A. Protect materials from deterioration during delivery and storage. Adequately protect plants from drying out, exposure of roots to sun, wind or extremes of

heat and cold temperatures. If planting is delayed more than 24 hours after delivery, set plants in a location protected from sun and wind. Provide adequate water to the root ball package during the shipping and storage period, including weekends and Holidays.

- B. Soil moisture shall be maintained above wilting point and below field capacity for the root ball substrate or soil.
- C. All plant materials must be available for observation prior to planting. Any plants determined to be damaged or distressed due to improper watering may be rejected by inspector and shall be replaced at no cost to City.

3.05 Plant Installation

A. Tree and Shrub Planting

1. Remove only those plants which will be planted the same day. Place such plants in the proposed locations for review and accepted by the City prior to actual planting. Notify the Inspector a minimum of 48 hours prior to day of planting.
2. Dig planting pits as shown on the Plans and as shown in the Parks Construction Standards. Scarify the sides and bottom of pit to prevent glazing. Fill pit completely with water and allow the water to completely drain from the pit prior to actual planting.
3. Relocate any plantings taller than 6" in height that fall in front of any irrigation head in order to ensure proper coverage of the irrigation system.
4. For pits that retain water, completely penetrate the hardpan layer at the bottom of the pit and backfill with topsoil. Fill pit with water to test and ensure proper drainage.
5. Prior to tree planting a central leader needs to be established by structural pruning, as necessary. Codominant leaders need to be removed or suppressed by structural pruning. Refer to the CALFIRE "Tree Training", "Tree Planting", and "Tree Quality" cue cards and "Tree and Plant Root Management Standard and Quality Expectations" contained in Section 5 of these Standards.
6. Plants shall be removed from their containers only at the time of placement within the plant pit. Perform root pruning on all four sides of the root ball by shaving and cutting away the root ball periphery to reduce the amount of circling roots. Starting from the top and then cutting/slicing down to the bottom of the root ball. On a 15 gal container at least 1-1.5 inches of the root ball periphery needs to be removed by slicing or shaving. On a 24" and 36" box tree at least 2 inches of the root ball periphery needs to be removed by slicing or shaving. A sharp hand pruning saw needs to be used for the slicing or shaving of the root ball. Refer to the CALFIRE "Root Management" cue card contained in Section 5 of these Standards. This process will

remove many girdling and circling roots deflected by the container wall and allows for root penetration within the planting basin. Spread all roots to the side to allow proper root development. Add native backfill and amendments as shown in the Parks Construction Standards and as recommended by the soils testing laboratory.

7. Plant tree at least three inches (2") above grade on mount to prevent bowl effect. The tree's beginning root flare must be located at top of grade with installed sod.
8. Carefully place plant into the plant pit without damaging the root ball. Water the backfill until saturated. For trees, water in by hand after planting using at least ten (10) gallons of water, minimum.
9. Construct berm and place tree stakes and install mulch per the Parks Construction Standards. Mulch is required for trees within the turf area.
10. Where mowing will occur, provide an eight-foot (8') minimum horizontal clearance between trees and other site improvements, including shrubs.
11. Tree ties should be installed via a figure eight loop and each tie shall be secured with a nail on the tree stake. Install two (2) Arbor Ties at 2/3 of tree height and two (2) Arbor Ties at 1/2 of tree height.
12. Tree stakes should be inserted into the ground to a minimum depth of 18".

B. Groundcover Planting

1. Place groundcover plants in neat, straight, and parallel rows, triangularly spaced as shown on the Plans and as indicated herein.
2. Start the first row of planting at a distance equal to the on-center spacing required per plan, minimum, from the edge of the adjacent hardscape, mow band or header board.
3. Groundcover shall be installed to the outside edge of the water basins of trees or shrubs.

3.06 Seeding- Turf and Native

- A. Lightly scarify areas to be hydroseeded.
- B. Tank, hose and associated apparatus must be thoroughly clean and free of debris or other material prior to placement/spraying of seed.
- C. Hydroseed turf mix shall contain the following:

Material	Application Rate
Turf Seed	Per Manufacturer's Recommendations, see section 2.02
Wood Cellulose Fiber Mulch	60 lbs. per 1,000 SF
Binder	Per Manufacturer's Recommendation
Fungicide turf only	1/3 lb. per 1,000 SF

Fertilizer	Per soils lab recommendation and as approved by Parks, Recreation & Libraries Department
Soil Conditioner	Per Soil Conditioner soils lab recommendation and as approved by Parks, Recreation & Libraries Department

- D. Blend mix in a hydraulic mixer until all material is consistently blended.
- E. Apply mix at a rate of 125 pounds per 1,000 square feet unless otherwise recommended by the manufacturer.
- F. Spray mixture consistently over the area to be hydroseeded. Protect adjacent areas such as paving, walls, play areas and other from overspray.
- G. At the end of each day of spraying operations, clean up all areas where overspray has occurred.
- H. Once seed is placed, it should not be allowed to dry out.

3.07 Sod- Turf

- A. Remove all “humps” and depressions prior to sodding.
- B. Keep all sod rolls shaded and moist prior to installation.
- C. Do not store sod rolls more than one (1) day. Sod shall be laid upon delivery.
- D. Unroll sod one at a time for immediate installation.
- E. Provide tight seam between rolls of sod (less than 1/8” gaps).
- F. Stagger rows so that the ends of sod rolls are stepped.
- G. For turf areas where sod is partially provided, add topsoil at all transition edges to same as finish grade.

3.08 Mulch

- A. Prior to placing mulch, apply post-emergent herbicide to any weeds present, per label directions.
- B. Prior to placing mulch, apply pre-emergent herbicide in all planting areas, per label directions.
- C. Apply three inches (3”) of mulch in all landscape planter areas.
- D. Keep mulch a minimum of three inches (3”) away from the trunks of all woody shrubs and four inches (4”) away from all trees. Taper mulch profile away from this point to prevent subsequent collection of mulch against trunks.

3.09 Watering

- A. Upon completion of each planting or turf area, irrigate appropriately to ensure proper health and growth.
- B. Continually adjust the irrigation for plant needs regardless of air temperature.

3.10 Clean-up

- A. Upon completion of planting operations, collect and remove from site all empty plant containers, debris, rubbish and other trash.
- B. Sweep clean and wash all hardscape areas.
- C. Clean up shall occur, at minimum of once a week, at the end of the work week.
- D. Maintain the entire site in a clean condition to the satisfaction of the City.

3.11 Pre-Final (Punch List) Review

- A. See Section 011000 1.16 of the Summary of Work for notification process.
- B. The following conditions must be met in order for planting to be considered towards substantial completion, as required to enter into the establishment period described in Section 011000, 1.16:
 - 1. For seeded turf:
 - a. Upon completion of the second mowing of completely germinated turf. Second mowing is defined as full coverage of turfed area 90% weed free.
 - b. Root depth – Turf grass roots shall be healthy, creamy-white in color and be 4" or greater in length/depth as measured from the soil surface to root tip. This shall be consistent throughout turfed area.
 - c. Turf shall be of uniform green color with no visible signs of stress due to soil fertility, moisture, disease or pests.
 - 2. For sodded turf:
 - a. Accepted installation of the sod.
 - b. Turf shall be of uniform green color with no visible signs of stress due to soil fertility, moisture, disease or pests.
 - 3. For trees and shrubs:
 - a. Trees and shrubs shall be properly installed, and with no visible signs of stress due to soil fertility, moisture, disease or pests.

3.12 Establishment Period

- A. Active maintenance is required throughout the entire establishment period:
 - 1. Maintain turf to a height of two and one half inches (2-1/2") for cool season turf varieties and one and one half inches (1-1/2") for warm season turf varieties. Maintained height shall be measured from the surface of finish grade to the top of the leaf blade throughout the establishment period, and mowed as frequently as required to maintain said height. At no time shall the leaf blade be mowed or cut more than 1/3 of the length of the blade. Root mass/depth must remain consistent as measured at the start of establishment or greater.
 - 2. Edge all turf areas along hardscape edges.
 - 3. Re-seed all bare areas within the turf as soon as evident.
 - 4. Immediately replace all dead plants.

5. As necessary, raise all trees and shrubs which have sunk within the plant pit beyond the levels indicated in the Standard details.
 6. Keep all areas free of weeds, pests and disease.
 7. 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.

3.13 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. Turf areas have full germination, are consistent in green color and are weed-free,
 5. Walkways and paved areas have been swept and washed, and
 6. Turf roots meet standards outlined in 3.10
- 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.

PART 4 - GUARANTEE

4.01 General

- A. Contractor shall provide a written guarantee covering all plant materials (trees & shrubs) furnished by him to be free of all defects or disease and that all plants are in a healthy and thriving condition at the completion of the contract. Deciduous plant material shall be warranted beyond the time of contract completion until such time as growth becomes evident.
- B. All plants, except those provided by the City, shall be warranted for a period of one (1) year, commencing on the date of final acceptance. The warranty shall be as outlined in Section 011000: Summary of Work, paragraph 1.19.

END OF SECTION

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SECTION 33 00 00 UTILITIES

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
- C. The standards set forth in the City of Roseville Design and Construction Standards, latest edition, for storm drainage throughout the project and for sanitary sewer installations within the public rights-of-ways, easements, or as shown on the improvement plans shall be in addition to the standards provided herein.
- D. The standards set forth in the latest edition of the California Building Code (CBC) for sanitary sewer installation within the project site, outside of the public right-of-way or easement shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of the storm drain system and sanitary sewer pipe, and necessary appurtenances as shown on the Plans and as specified herein.
- B. Submit a materials listing for review and approval prior to commencement of specified work.

1.03 Related Work

- A. Section 31 10 00: Clearing and Grubbing
- B. Section 31 20 00: Earthwork

1.04 Safety Requirements

- A. Furnish, install and maintain required sheeting, shoring, bracing, and other methods to ensure complete and safe work environment for all workers. Upon completion of work, remove all bracing, shoring, etc. in its entirety, unless otherwise directed by the Inspector.
- B. Prior to excavation or trenching, the Contractor shall contact USA Alert (800) 227-2600 to locate all known utilities a minimum of 48 hours prior to start of work. During the course of construction, the Contractor shall take every precaution to maintain and protect utilities noted to remain. Said utilities shall remain operational at all times, unless otherwise noted on the plans.

- D. The existing utilities are shown on the Plans based on the information available at the time of contract document development. The City shall not assume responsibility for any inaccuracies or incompleteness of the Plans based on such information. The Contractor shall immediately notify, upon damage of any pipeline or facility, the Owner and/or its agents and take every action necessary to repair or replace damaged facilities to the satisfaction of the Inspector, and at no additional cost to the City.
- E. Trenches, excavations and repair of pavement shall be consistent with Section 31 20 00: Earthwork.

1.05 Coordination

- A. The piping system as shown on the Plans is diagrammatic. The Contractor shall make reasonable adjustments to the layout to avoid conflicts, based on actual field conditions. Said changes shall not interfere with the design intent of the system.

1.06 Tolerance

- A. The allowable tolerance for the installation of pipe is 0.05 feet within grades or spot elevations indicated on the Plans.

1.07 Product Storage

- A. Take every precaution to protect the materials and pipes from damage during the delivery, storage and installation of the pipe system. Store in a cool, contained area, protected from direct sunlight and per manufacturer's recommendations. Pipe shall be supported on firm level ground at the site.

1.08 Record Drawings

- A. The Contractor shall keep an accurate record of the as-built conditions of the storm drain and sanitary sewer system. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the "as-builts" to ensure compliance of the above.

PART 2 - PRODUCTS

2.01 General

- A. All products shall conform to City of Roseville Design and Construction Standards, latest edition, except as noted below.

2.02 Drain Pipe

- A. Solid drainpipe shall be PVC SDR 35 and shall conform to ASTM D1784, or accepted equal. Gasketed connections shall conform to ASTM F477.

- B. Perforated drainpipe shall be smooth walled PVC, open per Caltrans Section 68-1.02K, or accepted equal.

2.03 Drain Rock

- A. Drain rock shall be Class 2 washed, $\frac{3}{4}$ " diameter.

2.04 Filter Fabric

- A. Filter fabric shall be Mirafi 140N, or accepted equal.

2.05 Drains

- A. Drain Inlets shall be pre-cast and a minimum size of twenty-four inches (24") square or round by Jensen Precast, or accepted equal.
 - 1. Grate shall be heavy duty, cast iron, walk-on, and bolt down.
 - 2. Box extensions shall be Jensen Precast, or accepted equal.
 - 3. The base shall be six inches (6") thick.
 - 4. Walls shall be six inches (6") thick.
 - 5. A "No Dumping" Metal Storm Drain Marker shall be affixed to the concrete color of each drain inlet (See Detail DR-20)
 - 6. Contractor may install cast-in-place drain inlets in lieu of pre-cast drain inlets. Submit shop drawings and concrete mix design for review and approval.
- B. Channel Drains for baseball/softball backstop areas shall be Polycast 600 series pre-sloped trench drains with galvanized steel slotted grates or accepted equal.
- C. Sanitary sewer clean outs shall be as specified in the City of Roseville, Design and Construction Standards, latest edition.

2.06 Manholes

- A. Manholes shall have tongue and groove joints, be forty-eight inches (48") minimum in diameter, meeting ASTM C-478.
- B. Covers shall be cast iron.
- C. All components shall conform to the City of Roseville Design and Construction Standards, latest edition.

2.07 Tracer Wire

- A. Insulated solid copper wire, minimum #12 gauge. Color shall be green.

2.08 Sanitary Sewer Pipe

- A. Vitrified clay pipe (VCP) shall be as specified in Section 91 Sanitary Sewer in the City of Roseville, Design and Construction Standards, latest edition.
- B. PVC SDR 35 may be used for drinking fountain drain applications only, with prior approval, and shall conform to ASTM D3034.

2.09 Potable Water Warning Tape

- A. On sites with both Recycled water and potable water lines. Blue plastic tape, 3 inches wide, with the words “CAUTION: POTABLE WATERLINE” imprinted in minimum 1-inch high, black letters. Imprinting shall be continuous and permanent.

PART 3 - EXECUTION

3.01 General

- A. All pipes shall slope uniformly from given elevations shown on the Plans.
- B. All pipes shall be accurately laid true to line and grade, utilizing accepted construction methods.
- C. Damaged or cracked pipe and fittings shall not be installed and shall be removed from site.
- D. Install all pipe in locations shown on the Plans, except where existing conditions necessitate minor changes.
- E. All pipe and fittings shall be kept clean and closed throughout the course of construction.
- F. Connections to existing sanitary sewer stubs shall be “TV-ed” and air tested prior to the start of construction per the City of Roseville Design and Construction Standards, latest edition.

3.02 Installation

- A. Installation of the specified pipe lines shall conform to the City of Roseville Design and Construction Standards, latest edition.
- B. Notify the Inspector a minimum of 48 hours prior to covering of work to ensure timely inspections.
- C. Cutting of AC or concrete paving shall be clean, vertical and straight, using a saw, or other tool specific to this application. Replace paving to existing or better condition prior to work.
- D. Trench and backfill shall be per City of Roseville Design and Construction Standards, latest edition.
- E. Catch basins and drain inlets shall be installed with a concrete collar with “No Dumping” message and fish symbol depressed into the concrete or bolted in place, consistent with Drawing DR-20 the City of Roseville Design and Construction Standards, latest edition.
- F. Drain inlets installed in mulched planter areas shall have a 12-inch wide collar of 2- to 6-inch river cobble placed over filter fabric.
- G. Channel drains shall be set per manufacturer’s instructions. Place slotted grates along the entire length of the backstop, including wing fencing, wherever

concrete is placed adjacent to the backstop system. Provide a below grade piped connection at all gate openings into the infield area. Do not install grated drain sections at these entry/exit points.

- H. Manholes shall be per City of Roseville Design and Construction Standards, latest edition. Install grate flush with finish grade.
- I. Sanitary Sewer Clean-outs shall be installed with 3M ball markers and shall be located within planted or turf areas, whenever possible. Place clean-outs at 100' intervals throughout the project. Clean-outs shall not be located within play areas. Install per City of Roseville Design and Construction Standards, latest edition.
- J. Upon completion, thoroughly flush storm drain system in the presence of the Parks Inspector.
- K. Installation of PVC for Domestic Water
 - 1. Install pipe and fittings in accordance with the requirements of UNI B-3 for the following:
 - a. The laying of pipe, joining PVC pipe to fittings and accessories.
 - b. The setting of hydrants, valves, and fittings.
 - 2. Comply with the recommendations for pipe joint assembly and appurtenance installation in AWWA Manual M23, Chapter 7, "Installation."
 - 3. Comply with the applicable requirements of AWWA C600 for joint assembly, and with the recommendations of Appendix A to AWWA C111.
 - 4. Jointing:
 - a. Provide push-on joints with the elastomeric gaskets specified for this type joint, using either elastomeric-gasket bell-end pipe or elastomeric-gasket couplings.
 - b. For pipe-to-pipe push-on joint connections, use only pipe with push-on joint ends having factory-made bevel.
 - c. For push-on joint connections to metal fittings, valves, and other accessories, cut spigot end of pipe off square and re-bevel pipe end to a bevel approximately the same as that on ductile-iron pipe used for the same type of joint.
 - d. Use an approved lubricant recommended by the pipe manufacturer for push-on joints.
 - e. Assemble push-on joints for connection to fittings, valves, and other accessories in accordance with the requirements of UNI B-3 for joining PVC pipe to fittings and accessories and with the applicable requirements of AWWA C600 for joint assembly.
 - f. Make compression-type joints/mechanical-joints with the gaskets, glands, bolts, nuts, and internal stiffeners previously specified for

this type joint. Cut off spigot end of pipe for compression-type joint or mechanical-joint connections and do not re-bevel.

- g. Assemble joints made with sleeve-type mechanical couplings in accordance with the recommendations of the coupling manufacturer using internal stiffeners as previously specified for compression-type joints.

5. Pipe Anchorage:

- a. Provide concrete thrust blocks or restrained joints for pipe anchorage, except where metal harness is indicated on the Construction Documents.
- b. Anchorage shall be in accordance with the requirements of UNI B-3 and in accordance with NFPA 24 Standards for reaction or thrust blocking and plugging of dead ends, except that size and positioning of thrust blocks shall be as indicated on the Construction Documents.

L. Service Line Connections to Water Mains

- 1. Connect service lines of size shown on plans to the main with a rigid connection or a corporation stop and gooseneck. Install a gate valve on the service line.
- 2. Connect service lines to ductile-iron water mains in accordance with AWWA C600 for service taps.
- 3. Connect service lines to PVC plastic water mains in accordance with UNI-B-8 and the recommendations of AWWA Manual M231, Chapter 9, "Service Connections."

M. Installation of Backflow Preventers

- 1. Devices shall be installed horizontal and level, with three feet minimum clearances from obstructions.
- 2. Bottom of backflow device shall be 12-24" above grade.

3.03 Tracer Wire

- A. Install tracer wire on top of the potable water lines
- B. Tracer wire shall be continuous with no splices.

3.04 Potable Water Warning Tape

- A. To be used on all potable water piping installed within the same project limits as on-site recycled water piping.
- B. Install plastic warning tape in pipe backfill, six inches above pipe, for the entire length of the pipe.

3.05 Cleaning

- A. Keep site clean at all times. Remove from the site all debris and rubbish and legally dispose.

END OF SECTION

FOR COUNCIL APPROVAL ONLY
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DRAWINGS

Project: Lower Bank Park Project

Project drawings are issued as a separate plan set,
titled "Lower Bank Park (C-63)
dated 12-20-2024
as prepared by Gates & Associates

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DRAW

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.

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**GEOTECHNICAL INVESTIGATION REPORT
PLANNED C-63 PARK AT GRASSCREEK DRIVE &
LEMONADE LANE
ROSEVILLE, CALIFORNIA**

BSK PROJECT NO.: G24000125

PREPARED FOR:

GATES & ASSOCIATES
1655 N. MAIN STREET, SUITE 365
WALNUT CREEK, CA 94596



April 23, 2024



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CERCO Analytical Results (2 pages)

APPENDIX B – Important Information About This Geotechnical-Engineering Report





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April 23, 2024

BSK Project No. G24000125

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Walnut Creek, California 94596

**SUBJECT: Geotechnical Investigation Report
Planned C-63 Park at Grasscreek Drive and Lemonade Lane
Roseville, California**

Dear Ms. Case:

We are pleased to submit our geotechnical investigation report for the planned C-63 Park at Grasscreek Drive and Lemonade Lane in Roseville, California (Site). A Vicinity Map showing the location of the project is presented on Figure 1. This report contains a description of our site investigation methods and findings, including limited field and laboratory data, and geotechnical recommendations for the project. The purpose of this investigation was to obtain and classify near subsurface soil samples to provide geotechnical recommendations for the planned improvements. The scope of services, as outlined in our proposal dated January 26, 2024 (BSK Proposal No. P24000125), included the following:

- Project setup and limited subsurface investigation,
- Laboratory testing,
- Engineering analysis, and
- Preparation of this report.

This investigation specifically excludes the assessment of site environmental characteristics, particularly those involving hazardous substances.

1. SITE AND PROJECT DESCRIPTION

The planned C-63 Park is in the northwestern portion of Roseville, California and about 800 feet southwest of the Pleasant Grove Creek channel. The approximately 2½ acres rectangular parcel is situated within a residential subdivision bounded by Treehouse Lane on the west, Lemonade Lane on the east, Grasscreek Drive on the north, and Lower Bank Drive on the south. The Site is relatively flat and covered with grass and native vegetation (see Photograph 1 below). Based on the conceptual plans prepared by Gates+Associates dated March 2024, the new neighborhood park will include typical park amenities, such

as a play structure, shade structures, benches, picnic tables, a multi-purpose play court, decomposed granite pathways, exterior flatwork, and landscaping.

Although grading plans are not currently available for the project, we anticipate that earthwork activities for this project will be limited to cuts and fills of 2 feet or less. Excavations for new underground utility lines and bioretention areas are expected to be up to about 5 feet deep.



Photograph 1 – Existing site conditions. Looking south from Grasscreek Drive. (Date: 02/28/2024)

If the actual project differs significantly from that described above, particularly the amount of grading anticipated, we should be contacted to review and/or revise the conclusions and recommendations presented in this report.

2. SUBSURFACE INVESTIGATION

Our limited subsurface investigation was performed on February 28, 2024, and consisted of manually advancing four (4) hand-auger borings (labeled HA-1 through HA-4) to depths of approximately 5 feet below the existing ground surface (BGS) each at the approximate locations shown on the Site Plan, Figure 2. Soils encountered in each hand auger boring were visually classified and recorded on a boring log, the results of which are tabulated in the “Subsurface Conditions” section below. The borings were logged by a field engineer from BSK and backfilled with excess soil cuttings. Relatively undisturbed samples of the subsurface materials were obtained using a hand-held sampler with a 2.0-inch stainless steel liner driven 6-inches using a hand-held slide hammer. Prior to sealing the samples, strength characteristics of the relatively undisturbed cohesive soil samples recovered were evaluated using a hand-held pocket penetrometer. These test results are shown in the tabulated boring logs presented in the “Subsurface Conditions” section of this report.

Soil classifications made in the field from the excavated materials and samples collected were re-evaluated in the laboratory after further examination and testing. The soils were classified in the field in general accordance with the Unified Soil Classification System (Visual/Manual Procedure – ASTM D2488). Where laboratory tests were performed, the designations reflect the laboratory test results in general accordance with ASTM D2487. A discussion of the subsurface conditions encountered at the Site is presented in the “Subsurface Conditions” section of this report.

The locations and elevations of the borings were estimated by our field engineer based on rough measurements from existing features at the Site and Google Earth Pro. Ground surface elevations for the

borings were estimated based on Google Earth Pro. As such, the locations and elevations of the borings should be considered approximate to the degree implied by the methods used.

3. LABORATORY TESTING

Our laboratory testing program consisted of performing dry density and moisture content tests, sieve analysis, Atterberg limits, sieve analysis, unconsolidated-undrained triaxial compression (TXUU), and corrosivity testing. Most of the test results are presented on the tabulated boring logs presented in the “Subsurface Conditions” section of this report, while the Atterberg limits and TXUU results are presented graphically in Appendix A along with the corrosivity test results.

4. SITE GEOLOGY AND SEISMICITY

The Site is located along the easternmost boundary of the Pleasant Grove 7½-minute topographic map, which in turn is located along the eastern edge of the Great Valley geomorphic province of California. The Great Valley is an alluvial plain consisting of the Sacramento Valley, which is drained by the Sacramento River, and the San Joaquin Valley, which is drained by the San Joaquin River. The Great Valley is a trough in which sediments have been deposited almost continuously since about 160 million years ago from various rivers emanating from the Sierra Nevada. According to Gutierrez (2011¹), the project site is mapped as the upper unit (map symbol Qr₃) of the middle to late Pleistocene Riverbank Formation (see Exhibit 1 below) – alluvium consisting mainly of sand and silt with areas of clay and gravel.

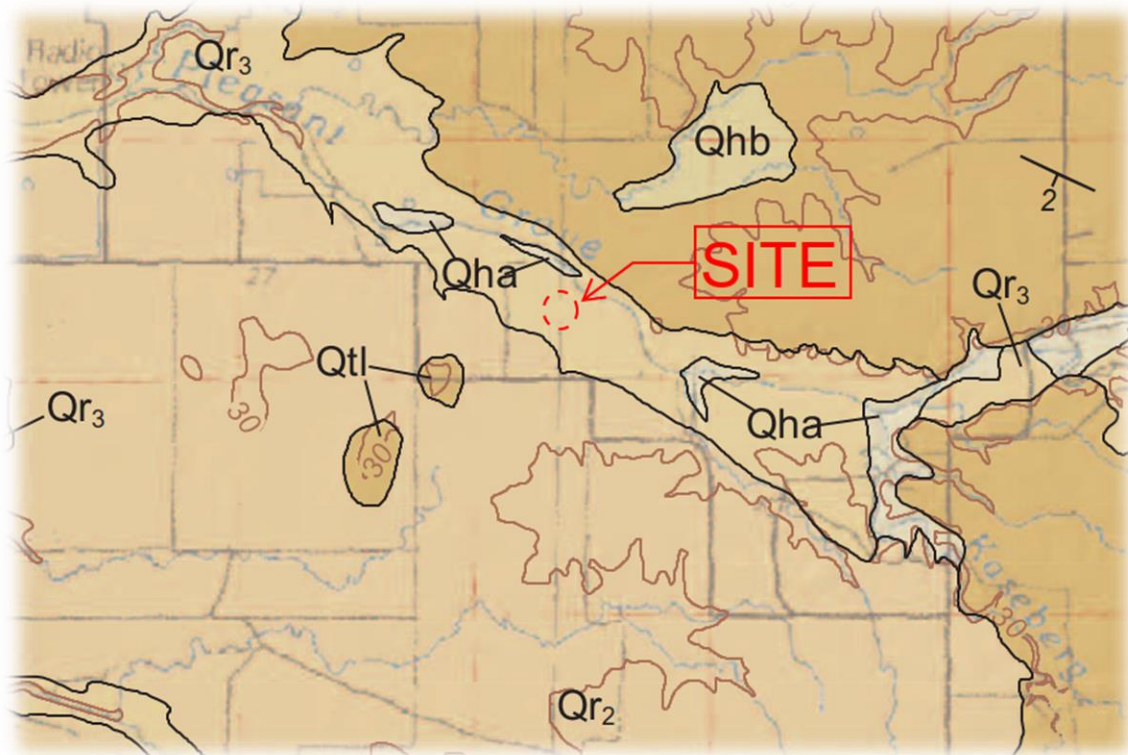


Exhibit 1 – Area Geology Map

¹ Gutierrez, C.I. (2011), Preliminary Geologic Map of the Sacramento 30' x 60' Quadrangle, California: California Geological Survey, Preliminary Geologic Maps PGM-11-06, scale 1:100,000.

The Site is within an area with relatively low seismic activity, and the Site is not located within an Alquist-Priolo Earthquake Fault Zone and no mapped active fault traces are known to traverse the Site or the City of Roseville. The nearest active seismic sources are 30 to 60 miles to the west, north, east, and southwest near Lake Oroville, Lake Tahoe, and in the Coast Ranges, respectively.

5. SUBSURFACE CONDITIONS

The table below summarizes the subsurface conditions encountered in our hand-auger borings. We generally encountered soils consisting predominantly of firm to hard lean clay and clayey sand within the upper 5 feet BGS. According to our Atterberg limits test results, the surficial soils have a low shrink and swell potential (i.e., low expansive potential) when exposed to moisture fluctuation.

TABULATED LOGS OF HAND-AUGER BORINGS			
Boring (EL)	Approx. Depth (feet)	Description	Remarks
HA-1 (79)	0 to 4	Lean Clay with Sand (CL) – Dark brown, moist, firm to hard, low to medium plasticity, fine to medium sand	- Performed on 02/28/2024 - At 1 foot: PP = 1.5 to 4.0 TSF, TXUU – C = 2,235 psf (see figure A-2), DD = 120 pcf, MC = 14%
	4 to 5	Clayey Sand (SC) – Yellowish brown, moist, low plasticity, fine to medium sand, trace fine gravel	- At 3 feet: PP = 1.5 to 3.0 TSF, 74% passing the No. 200 sieve - At 4 feet: 40% passing the No. 200 sieve - Terminated at approx. 5 feet
HA-2 (81)	0 to 5	Sandy Lean Clay (CL) – Very dark yellowish brown, moist, firm to hard, low to medium plasticity, fine to medium sand	- Performed on 02/28/2024 - At 2 feet: PP = 1.5 to 3.0 TSF, TXUU – C = 1,485 psf (see figure A-2), DD = 116 pcf, MC = 16% - At 0 to 5 feet: LL = 24, PL = 10, 51% passing the No. 200 sieve - Terminated at approx. 5 feet
HA-3 (80)	0 to 5	Silty Clay (CL-ML) – Dark yellowish brown to yellowish brown, moist, firm, low to medium plasticity, fine to medium sand	- Performed on 02/28/2024 - At 1 foot: PP = 1.0 to 2.5 TSF, DD = 116 pcf, MC = 15% - At 4 feet: LL = 21, PL = 7 - Terminated at approx. 5 feet
HA-4 (81)	0 to 3	Clayey Sand (SC) – Yellowish brown, moist, fine to medium sand	- Performed on 02/28/2024 - At 1 foot: 46% passing the No. 200 sieve
	3 to 5	Sandy Lean Clay (CL) – Brown, moist, low to medium plasticity, fine to coarse sand	- At 3½ feet: PP = 0.5 to 3.5 TSF, DD = 110 pcf, MC = 14% - At 4 feet: 53% passing the No. 200 sieve - Terminated at approx. 5 feet
Notes/Abbreviations:		-EL: elevation (feet), based on Google Earth Pro -DD: in-situ dry unit weight (pcf) -MC: in-situ moisture content (percent) -PP: pocket penetrometer (tons per sq. ft.) -TXUU: Unconsolidated Undrained Triaxial Test -C: Cohesion value from TXUU test (psf)	
-Depths referenced to below the existing ground surface -No free groundwater observed in hand auger borings -Borings backfilled with soil cuttings -LL: liquid limit -PI: plasticity index			



Free groundwater was not observed within the maximum exploration depth of our hand auger borings (approximately 5 feet BGS). According to regional groundwater data from California Department of Water Resources website², the depth to groundwater is expected to lie between approximately 90 and 100 feet BGS. It should be noted that groundwater levels can fluctuate depending on factors such as seasonal rainfall, groundwater withdrawal, and construction activities on this or adjacent properties or if water seepage from leaking pipelines or other exposed improvements within excavations is encountered.

Soil and groundwater conditions can deviate from those conditions encountered at the boring locations. If significant variation in the subsurface conditions is encountered during construction, it may be necessary for BSK to review the recommendations presented herein and recommend adjustments as necessary.

6. CONCLUSIONS

Based on the results of our investigation, it is our opinion that the proposed project and related improvements are feasible geotechnically and that the Site may be developed as planned. This conclusion assumes that the recommendations presented in this report will be incorporated into the design and construction of this project.

The primary geologic and seismic hazard for the proposed improvements is the potential for moderate ground shaking during a future seismic event, which is typical of most of the State of California. The Site is not located within an Alquist-Priolo Earthquake Fault Zone and no mapped active fault traces are known to traverse the Site. Therefore, we conclude that the potential for fault-related surface rupture to affect the Site is low. Mitigation of ground shaking should be addressed by incorporating pertinent requirements of the 2022 California Building Code (CBC) in the design of the new structures for the project.

Other potential geologic and seismic hazards that could affect the Site are liquefaction, lateral spreading, and dynamic compaction/seismic settlement. However, these geologic hazards are beyond the scope of our investigation due to the limited nature of the planned improvements.

Specific recommendations regarding geotechnical design and construction aspects for the project are presented in the "Recommendations" section of this report.

² <https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#gwlevels>



7. RECOMMENDATIONS

Presented below are our recommendations for earthwork, foundations, seismic considerations, exterior concrete flatwork and pavers, pathways, pavements, landscaping and irrigation considerations, site drainage, and storm water runoff mitigation as well as associated construction considerations for the planned improvements at this Site.

7.1 Site Preparation and Grading

Our general site preparation and grading recommendations are as follows:

1. The areas to be graded should be cleared of debris, significant surface vegetation and obstructions including abandoned underground pipes, foundations, and concrete slabs. Stripped surface organics should be stockpiled and may be reused only in landscaping areas or disposed off-site.
2. The root system of trees to be demolished should be removed such that there are no roots thicker than approximately 1-inch in diameter and the remaining organics are no greater than 3 percent by dry unit weight within the upper 5 feet of finished subgrade or the depth of the root ball, whichever is shallower and laterally a minimum of 5 feet beyond the limits of the improvements (defined as the outside perimeter of walls or footing outer limits, whichever results in the greatest structural envelope) and 3 feet beyond the edge of flatwork, pavers, and pavement where achievable. A BSK representative should check the excavation bottoms before they are backfilled with engineered backfill³.
3. Existing pipelines crossing the Site to be abandoned should be removed whenever feasible. Abandoned pipes to remain should be capped at both ends if smaller than 2 inches in diameter or be filled with 1-sack sand-cement slurry if greater than 2 inches in diameter. Existing pipelines to remain, including subdrain lines, should be carefully located and protected during demolition and during construction.
4. From a geotechnical standpoint only, the on-site soils are generally suitable for re-use as general engineered fill⁴ provided they are free of debris, vegetation, and other deleterious matter and properly processed so that particle sizes are not greater than 3 inches in largest dimension. At least 90 percent by weight of the fill/backfill materials should be passing the 1-inch sieve. All fill materials should be subject to evaluation and approval by a BSK representative prior to their use.

If zones of loose/soft or saturated soils, including in existing fill areas, are encountered during excavation and compaction, deeper excavations may be required to expose firm soils. This should

³ "Engineered fill" is defined in this report as suitable on-site soil and imported fill that is used to backfill excavations or raise site grade and is properly moisture conditioned and compacted per the requirements of this report. The requirements for the suitability of on-site soils and import fill are provided in the "Site Preparation and Grading" section of this report.

⁴ "General engineered fill" is defined in this report as suitable on-site soil that is used to backfill excavations or raise site grade and is properly moisture conditioned and compacted per the requirements of this report. The requirements for the suitability of on-site soils are provided in the "Site Preparation and Grading" section of this report.



be evaluated in the field by a BSK representative. Where deleterious matter is encountered in excavations, this material should be overexcavated and disposed off-site.

5. Controlled Low Strength Material (CLSM) typically consists of a mixture of cement, fly ash, coarse and fine aggregate, an air entrainment admixture, and water. Where foundations bear on CLSM, the CLSM should have a 28-day compressive strength of at least 50 pounds per square inch (psi) tested in conformance with ASTM D4832 and sampled in accordance with ASTM D5971. For future excavatability of the CLSM, its 28-day compressive strength should not exceed 1,000 psi. A minimum of one set of cylinders should be cast each day CLSM is placed. One flowability test should be conducted per ASTM D6103 each day CLSM is placed and should be at least 8 inches diameter prior to placement.

The CLSM mix design should be reviewed by the design team and BSK for approval at least 10 business days prior to its use. CLSM placement should be observed and tested by a qualified representative of BSK.

6. Proper granular bedding and shading should be used beneath and around new utilities. Imported fill material should not be any more corrosive than the on-site soils and should not be classified as being more corrosive than "moderately corrosive." Imported fill should be granular in nature, adhere to the above gradation recommendations, and conform to the minimum criteria presented in the table below (unless otherwise permitted by BSK). Highly pervious materials such as pea gravel or clean sands are not recommended because they permit transmission of water to the adjacent and/or underlying soils.

IMPORT FILL CRITERIA	
Plasticity Index	12 or less
Liquid Limit	Less than 30%
% Passing #200 Sieve	8% – 40% (general fill) Less than 8% (bedding and shading)

7. Following stripping and removal of deleterious materials in areas of the Site to receive fill, the Site should be scarified to a minimum depth of 12 inches, moisture conditioned to at least 2 percent above optimum moisture content, and re-compacted to a minimum of 90 percent relative compaction. Relative compaction refers to the in-place dry density of soil expressed as a percentage of the maximum dry density determined by ASTM D1557 compaction test procedures. Optimum moisture is the water content (percentage by dry weight) corresponding to the maximum dry density. Scarification and recompaction should extend laterally a minimum of 5 feet beyond the limits of structures (defined as the outside perimeter of foundation outer limits) and 3 feet beyond the edge of flatwork, pavers, and pavements, where achievable.
8. Where fills/backfills are greater than 7 feet in depth below finish grade, the zone below a depth of 7 feet should be compacted to a minimum of 95 percent compaction.
9. **In areas to be exposed to vehicular traffic**, the upper 12 inches of the soil subgrade immediately below the aggregate base layer should be compacted to a minimum of 92 percent relative compaction at least 2 percent above optimum moisture content. Subgrade preparation should extend a minimum of 3 feet laterally beyond the edge of flatwork, pavers, and pavements, where



feasible. The aggregate base layer underneath such flatwork and pavement should be compacted to a minimum of 95 percent relative compaction at near optimum moisture content. In addition to these compaction requirements, areas to be exposed to vehicular traffic should be firm and stable and should be proof rolled with a heavy piece of construction equipment, such as a loaded dump truck or water truck, to check for signs of subgrade instability.

10. Compact the upper 12 inches of any subgrade **bio retention areas** to no more than 85 percent compaction at least 2 percent above optimum moisture content. Compact the upper 12 inches of subgrade for **pervious pavers** and **pervious concrete pavement** to no more than 90 percent compaction near optimum moisture content (the subgrade for pervious pavers and pervious concrete pavement exposed to vehicular traffic should be compacted as recommended above for areas to be exposed to vehicular traffic). No vibratory compaction should be applied to the subgrade for bio retention areas, pervious pavers, or pervious concrete pavement.
11. Unless otherwise indicated above, all fill and backfill should be placed in thin lifts up to 8-inch maximum uncompacted thickness, properly moisture conditioned to at least 2 percent above optimum moisture content for clayey soils and to near optimum moisture content for granular soils, and compacted to at least 90 percent compaction per ASTM D1557. Aggregate base should be moisture conditioned to near-optimum moisture content.
12. Observations and compaction testing should be carried out by a BSK representative during grading and backfill operations to assist the contractor in obtaining the required degree of compaction and proper moisture content. Where the moisture content or compaction is outside the range required, additional compactive effort and adjustment of moisture content should be made until the specified compaction and moisture conditioning is achieved.
13. BSK should be notified at least 48 hours prior to any grading and backfill operations. The procedure and methods of grading may then be discussed between the contractor and BSK.

7.2 New Utility Trench Excavation and Backfill

All excavations should conform to current OSHA requirements for work safety. Where trenches or other excavations extend deeper than 5 feet, the excavations may become unstable and should be evaluated by the contractor to monitor stability prior to personnel entering the trenches. Shoring or sloping of any trench wall may be necessary to protect personnel and to provide stability. It is the contractor's responsibility to follow OSHA temporary excavation guidelines and grade the slopes with adequate layback or provide adequate shoring and underpinning of existing structures and improvements, as needed. Slope layback and/or shoring measures should be adjusted as necessary in the field to suit the actual conditions encountered, in order to protect personnel and equipment within excavations. Based on the subsurface conditions encountered in our borings, we expect the sidewalls of trenches that extend to depths of up to about 5 feet to remain relatively vertical for a period of several days. Nevertheless, the longer the trenches remain open the higher the potential for the sidewalls to start to slough off or cave.

Although free groundwater was not observed within the maximum depth of our exploration (approximately 5 feet BGS), the actual depth at which groundwater may be encountered in trenches and



excavations may vary. As a minimum, provisions should be made to ensure that conventional sump pumps used in typical trenching and excavation projects are available during construction in case substantial runoff water accumulates within the excavations as a result of wet weather conditions or if water seepage from leaking pipelines or other exposed improvements within excavations is encountered.

Material quality, placement, and compaction requirements for utility bedding and shading materials⁵ should meet applicable agency requirements. Utility trench backfill above the shading materials may consist of on-site soils provided they are free of organics, debris, rock over 3 inches in largest dimension, and other deleterious material. Backfill materials should be placed in lifts not exceeding 8 inches in loose thickness, moisture conditioned, and compacted to the requirements provided in the “Site Preparation and Grading” section of this report.

7.3 Foundation Recommendations

7.3.1 Post-Tensioned Slabs

Post-tensioned (PT) slab(s) may be used to support the multi-purpose play court. PT slabs use high-strength tensioned steel strands to compress the slabs, keeping the majority of the concrete in compression thus allowing for longer spans. According to Section 6.13.3 of the Post-Tensioned Institute’s “Design of Post-Tensioned Slabs-on-Grade”⁶ manual and Appendix A.8 of the 2nd edition of the Design and Construction of Post-Tensioned Slabs-on-Ground⁷, the soil parameters required for design of a PT slab are: 1) soil type, 2) expected soil settlement, 3) allowable soil bearing pressure, and 4) expected differential settlement. The recommended values for these parameters for this project are listed below.

1. Soil Type: Sandy Lean Clay (CL)
2. Expected Soil Settlement $\delta = 1$ inch
3. Allowable soil bearing pressure: $q_{allow} = 1,500$ psf
4. Expected differential settlement: $\gamma_m = \frac{1}{2}$ inch (over a horizontal distance of 30 feet)

The bottom of all PT slab excavations should be properly compacted per the recommendations of the “Site Preparation and Grading” section of this report. The slab should be underlain by a minimum of 6 inches of Caltrans Class 2 aggregate base. A thickened edge a minimum of 12 inches wide and 12 inches deep (below lowest adjacent grade) should be installed along the perimeter of PT slabs.

⁵ Bedding material typically consists of sand used to backfill a few inches (typically 3 to 6 inches) below the invert elevation of a pipe. Shading material typically consists of sand used to backfill around and a few inches (typically 6 to 12 inches) above the top of a pipe.

⁶ Design of Post-Tensioned Slabs-on-Ground, 2004, Third Edition, Post-Tensioning Institute.

⁷ Design and Construction of Post-Tensioned Slabs-on-Ground, 1996, Second Edition, Post-Tensioning Institute.



7.3.2 Spread Footings and Mat Foundations

We recommend the criteria presented in tables below be incorporated into the design of shallow foundations for this project.

SPREAD FOOTING DESIGN CRITERIA	
Static Allowable Bearing Capacity ¹	2,500 psf
Seismic/Wind Allowable Bearing Capacity ¹	3,750 psf
Passive Resistance (Equivalent Fluid Pressure) ^{2,3}	300 pcf
Allowable Lateral Sliding Resistance Adhesion ³	500 psf
Minimum Embedment Depth ⁴	18 inches
Minimum Width	12 inches (continuous) 18 inches (isolated)
Notes:	
1. Includes a factor of safety of at least 3 for static loading and at least 2 for transient loading (i.e., seismic or wind conditions). 2. Neglect upper 1 foot if surface is not confined by concrete slab or pavement. For foundations located on or proximate to sloping ground, such as bioretention areas, the passive resistance should be neglected in the upper portion of the foundation until there is a horizontal distance of at least 7 feet between the slope face and the nearest edge of the foundation. 3. The sliding resistance and passive resistance may be used concurrently, and the passive resistance can be increased by one-third for wind and/or seismic loading. Values include a factor of safety of at least 1½. The sliding resistance adhesion should be multiplied by the foundation area to obtain horizontal sliding resistance. 4. Below lowest adjacent grade considered to be bottom of slab on the interior or finished grade on the exterior.	



MAT SLAB FOUNDATION CRITERIA ¹	
Static Allowable Bearing Capacity ²	1,500 psf
Seismic/Wind Allowable Bearing Capacity ²	2,250 psf
Passive Resistance (Equivalent Fluid Pressure) ^{3, 4}	300 pcf
Allowable Friction Coefficient ⁴	0.30
Modulus of Vertical Subgrade Reaction ⁵	100 psi/in
Minimum Slab Thickness ⁶ at the Edges	12 inches
Notes:	
1. Mat slab foundations should be supported on a minimum of 6 inches of compacted Caltrans Class 2 aggregate base to provide enhance slab support. 2. Includes a factor of safety of at least 3 for static loading and at least 2 for transient loading (i.e., seismic or wind conditions). 3. Neglect upper 1 foot if surface is not confined by concrete slab or pavement. For foundations located on or proximate to sloping ground, such a bioretention areas, the passive resistance should be neglected in the upper portion of the foundation until there is a horizontal distance of at least 7 feet between the slope face and the nearest edge of the foundation. 4. The allowable coefficient of friction and passive resistance may be used concurrently, and the passive resistance can be increased by one-third for wind and/or seismic loading. Values include a factor of safety of at least 1½. 5. Based on a one square foot bearing plate. This unadjusted value needs to be adjusted for the actual size of the mat as follows: a. Multiply by $[(m+0.5)/(1.5 \times m)]$ where m is the ration of the mat length divided by its width (unitless). b. If a computer program is used to design the mat for this project and it requires the input of a modulus of subgrade reaction for the Site, the designer should check whether the program requires input of the unadjusted or adjusted modulus of vertical subgrade reaction. 6. Below lowest adjacent finished grade. The thickened edge should be a minimum of 12 inches wide. The slab designer should determine the slab concrete thickness and reinforcing.	

Provided that the foundations are designed according to the recommendations presented above and constructed properly, total and differential elastic settlements are estimated to be on the order of 1- and ½-inch, respectively. Differential settlement is defined in this report as the vertical difference in settlement between adjacent foundation supports or across a horizontal distance of 30 feet, whichever is less. A majority of the estimated elastic settlement is expected to occur during construction as the foundation is loaded.

7.3.3 Additional Considerations for Shallow Foundations

Where foundations are located adjacent to below-grade structures (including existing footings) or near major underground utilities, the foundation should extend below a 1H:1V (horizontal to vertical) plane projected upward from the structure foundation or bottom of the underground utility to avoid surcharging the below grade structure and underground utility with foundation loads. Where this is not possible or feasible, we recommend that CLSM be used to backfill the portion of the utility trench that extends below the 1H:1V projection. Also, if a utility crosses perpendicular to a footing, if it is located within 2 x W of the bottom of the footing, where W = width of footing, the utility should be encased in



CLSM or lean concrete. If a perpendicular utility is located below a depth of $2 \times W$ below the footing, the utility does not need to be encased in CLSM or lean concrete.

Concrete for foundations should be placed neat against firm native soil or engineered fill. **It is critical that foundation excavations not be allowed to dry before placing concrete.** If shrinkage cracks appear in the foundation excavations, the excavations should be thoroughly moistened to close all cracks prior to concrete placement. The foundation excavations should be monitored by a representative of BSK for compliance with appropriate moisture control and to confirm the adequacy of the bearing materials.

7.3.4 Shallow Drilled Piers

We recommend the following criteria be incorporated into the design of shallow drilled pier foundations for this project.



DRILLED PIER FOUNDATION CRITERIA	
Static Allowable Downward Skin Friction ¹	300 psf
Seismic/Wind Allowable Downward Skin Friction ¹	400 psf
Passive Resistance (Equivalent Fluid Pressure) ²	300 pcf
Minimum Pier Diameter	18 inches ³
Minimum Pier Depth Below Ground Surface	5 feet ³
Minimum Pier Center to Center Spacing	3D ⁴ (axial loading) 6D ^{4,5} (lateral loading)
Notes: - Includes a factor of safety of at least 2 for static loading and at least 1½ for transient loading (i.e., seismic or wind conditions). Uplift resistance may be taken as 2/3 of downward capacity. Weight of piers may be used to resist upward loading. - Neglect upper 1 foot if surface is not confined by concrete slab or pavement. For piers located on or proximate to sloping ground, such as bioretention areas, the passive resistance should be neglected in the upper portion of the piers until there is a horizontal distance of at least 7 feet between the slope face and the nearest edge of the piers. Passive resistance should be limited to 1,500 psf and may be applied to twice the diameter of the piers. Passive resistance may be increased by 1/3 for seismic or wind loads. Value includes a factor of safety of at least 1½. - The pier diameter and embedment depth may be reduced to 12 inches and 3 feet, respectively, for chain link fences and chain link gates that are up to 6 feet in vertical height. - D = pier diameter. Minimum spacing for lateral loading only applies to piers aligned in the direction of loading (i.e., one or more piers shadow another pier). - For piers spaced less than 6D apart and where the loading direction is such that there is one or more trailing pier(s) shadowing the leading pier, reductions to lateral capacity of the trailing pier(s) should be applied as follows: - For trailing⁸ piers spaced 3D (D = pier diameter) apart, reduce trailing pier capacity by 50 percent (multiply contribution of trailing piers to group capacity by 0.5), - For trailing piers spaced between 4D and 5D apart, reduce trailing pier capacity by 40 percent (multiply contribution of trailing piers to group capacity by 0.6), - For trailing piers spaced 6D or greater apart, no reduction is needed, and - For trailing piers spaced between 3D and 4D apart and 5D and 6D apart, interpolate the reduction factors provided above.	

Provided that the drilled piers are designed according to the recommendations presented above and constructed properly, the total and differential elastic settlements are estimated to be on the order of ½-inch and ¼-inch, respectively. Differential settlement is defined in this report as the vertical difference in settlement between adjacent foundation supports or across a horizontal distance of 30 feet, whichever is less. A majority of the estimated elastic settlement is expected to occur during construction as the foundation is loaded.

7.3.5 Additional Considerations for Drilled Piers

We recommend that drilled pier steel reinforcement and concrete be placed within about 4 to 6 hours upon completion of each drilled hole. As a minimum, the holes should be poured the same day they are

⁸ The leading pier is defined as the pier that has no pier in front of it in the direction of lateral loading, while the trailing pier is defined as the pier that is behind (i.e., shadows) the leading pier in the direction of lateral loading.



drilled. If the holes cannot be backfilled the same day they are drilled, the hole needs to be checked for caving, sloughing or squeezing prior to setting the rebar cage and checked again before pouring concrete. The steel reinforcement should be centered in the drilled hole. Concrete used for pier construction should be discharged vertically into the holes to reduce aggregate segregation. Under no circumstances should concrete be allowed to free-fall against either the steel reinforcement or the sides of the excavation during construction.

As discussed in the “Subsurface Conditions” section of this report, free groundwater was not observed in our borings within the maximum depth of our exploration (approximately 5 feet BGS). However, the actual depth at which groundwater may be encountered in excavations may vary. If water more than 6 inches deep is present during concrete placement, either the water needs to be pumped out or the concrete needs to be placed into the hole using tremie methods. If tremie methods are used, the end of the tremie pipe must remain below the surface of the in-place concrete at all times.

Concrete for drilled piers should be designed and placed in general conformance with the recommendations provided in ACI 336.3R-14, Design and Construction of Drilled Piers⁹. The recommendations provided within ACI 336.3R-14 should be followed, in particular when concrete placement is necessary below groundwater level, in caving or sloughing soils, or in sand, which may necessitate casing or the slurry displacement method for concrete placement. These methods require concrete placement at higher slumps than “dry” conditions and concrete mix specifications, including the addition of concrete admixtures and consideration of consolidation methods, should be provided by the design team. If temporary casing is used, it should consist of smooth walled steel. **Corrugated metal pipe (CMP) should not be used as temporary casing because it has a tendency to create voids or disturbed zones during removal and temporary smooth-walled casing should not be permanently left in the drilled pier hole unless BSK is consulted.**

The pier excavations should be monitored by a representative of BSK to confirm the soils encountered are similar to those encountered in our borings drilled for this project and check that the contractor properly mitigates the presence of groundwater and caving conditions (if applicable) during installation of the piers.

7.4 2022 CBC Mapped Seismic Design Parameters

The seismicity of the region surrounding the Site is discussed in the “Site Geology and Seismicity” section of this report. Although the Site is in a region of low seismic activity, it may still be subjected to moderate ground shaking during the life of the project. As a result, structures for this project should be designed in accordance with applicable seismic provisions of the California Building Code (CBC) presented in the table below.

Based on Section 1613A.2.2 of the 2022 California Building Code (CBC), the Site shall be classified as Site Class A, B, C, D, E or F based on the Site soil properties and in accordance with Chapter 20 of ASCE 7-16.

⁹ ACI Committee 336, 2014



Based on our investigation and the estimated shear wave velocity presented in California Geological Survey's Data Viewer website¹⁰, we recommend the Site be classified as a Site Class D.

We have not performed a site-specific ground motion hazards analysis for this project. Instead, we have provided mapped CBC seismic parameters in the table below, including increased values for S_{M1} and S_{D1} per the exception for Site Class D sites provided in ASCE 7-16, Supplement 3, Section 11.4.8, Item 1.

2022 CBC SEISMIC DESIGN PARAMETERS (Lat: 38.798309, Lon: -121.390704)			
Seismic Design Parameter	Value		Reference
Site Class	D		ASCE 7-16, Table 20.3-1
MCE _R Mapped Spectral Acceleration (g)	S _S = 0.468	S ₁ = 0.23	USGS Mapped Values
Site Coefficients (Site Class D)	F _a = 1.426	F _v = 2.14 ^A	ASCE 7-16, Table 11.4-1 & -2 (Supplement 3)
MCE _R Mapped Spectral Acceleration Adjusted for Site Class Effects (g)	S _{MS} = 0.667	S _{M1} = 0.738 (See Note B below)	ASCE 7-16, Eq. 11.4-1 & -2 (Supplement 3)
Design Spectral Acceleration (g)	S _{DS} = 0.445	S _{D1} = 0.492 (See Note B below)	ASCE 7-16, Eq. 11.4-3 & -4 (Supplement 3)
Site Short Period – T _S (Seconds)	T _S = 1.106		T _S = S _{D1} /S _{DS}
Site Long Period T _L (Seconds)	12		USGS Mapped Value
Seismic Design Category (SDC)	D		ASCE 7-16, Section 11.6
MCE _G peak ground acceleration adjusted for Site Class effects (g)	PGA _M = 0.279		ASCE 7-16, Section 11.8.3
Definitions: MCE _R = Risk-Targeted Maximum Considered Earthquake MCE _G = Maximum Considered Earthquake Geometric Mean			
Notes: A. See requirements for site-specific ground motions in ASCE 7-16, Section 11.4.8. This value of F _v shall be used only for calculation of T _S , determination of Seismic Design Category, linear interpolation for intermediate values of S ₁ , and when taking the exceptions under Items 1 and 2 of Section 11.4.8 for the calculation of S _{D1} . B. S_{M1} and S_{D1} values with a 50% increase assuming the exception for Site Class D described in ASCE 7-16 Supplement 3, Section 11.4.8, Item 1 is taken. Otherwise, a site-specific ground motion analysis per ASCE 7-16 Section 21.2 is required.			

7.5 Exterior Concrete Flatwork and Pavers

Near-surface soils to receive exterior concrete flatwork and pavers should be moisture conditioned according to the recommendations in the "Site Preparation and Grading" section of this report. Where

¹⁰ <https://maps.conservation.ca.gov/cgs/DataViewer/>



concrete flatwork and pavers are to be exposed to vehicle traffic, they should be underlain by a minimum of 6 inches of Caltrans Class 2 aggregate base.

Practices recommended by the Portland Cement Association (PCA) and the American Concrete Institute (ACI) for proper placement and curing of concrete, as well as for joint spacing and construction, should be followed during exterior concrete flatwork slab construction. New pedestrian concrete flatwork should have a minimum thickness of 4 inches and minimum reinforcing of #4 bars at 18 inches on center (both ways). The rebar should be discontinued at expansion joints. Slip Dowels should be used at expansion joints. Vehicular concrete should be designed as discussed in the "Portland Cement Concrete Pavements" section of this report. Final design of exterior concrete flatwork is the responsibility of the civil or structural engineer for the project.

Prior to construction of the flatwork and pavers, the aggregate base should be moisture conditioned to near optimum moisture content. If the aggregate base is not covered within about 30 days after placement, the soils below this material will need to be checked to confirm that their moisture content is at least 2 percent over optimum. If the moisture is found to be below this level, the aggregate base layer over flatwork and paver areas will need to be soaked until the proper moisture content is reached.

7.5.1 Pervious Pavers and Pervious Concrete Pavement

Pervious pavers are typically underlain by several inches of an open-graded bedding course over a reservoir layer (this typically does not apply to pervious concrete pavement). If pervious pavers are used for this project, we recommend that a filter fabric, such as Mirafi® 140N or equivalent, be installed between the open-graded bedding course and the reservoir layer to avoid migration of the open-graded bedding course material into the reservoir layer. The open-graded bedding course material should meet the requirements of the paver manufacturer.

If pervious concrete pavement is used for this project, we recommend that the pervious concrete pavement section be a minimum of 5 inches thick for pedestrian traffic and 8 inches thick for vehicular traffic. We recommend that the reservoir layer beneath pervious pavers and pervious concrete pavement have a minimum thickness of 12 inches and consist of durable, open graded coarse gravel reservoir layer underlain by Mirafi® RS280i geotextile fabric or equivalent. If desired, the thickness of the reservoir layer could be increased to 18 inches for added storage capacity. The reservoir layer typically consists of coarse aggregate No. 57 per ASTM C33/C33M-18, which is similar to crushed drain rock having a 1-inch maximum size with no more than 10 percent by weight passing the No 4 sieve.

Mirafi® RS280i geotextile fabric has a high flow rate (typically 85 gallons per minute per square feet), which should permit almost unobstructed water flow through it, while helping maintain stability of the underlying subgrade. The geotextile fabric seams should be overlapped a minimum of 18 inches or as required by the manufacturer, whichever results in the greatest overlap. We recommend installing an underdrain system connected to nearby storm drains within the reservoir layer. Typically, the underdrain consists of one or more 4-inch diameter perforated subdrain pipes spaced at regular intervals and sloping down to a collector nonperforated outfall pipe that drains by gravity to a nearby storm drain or bioretention area. The crown of



the subdrain pipe(s) should be located a minimum vertical distance of 6 inches below the bottom of pervious pavers or pervious concrete. The subdrain piping should consist of schedule 40 pipe having a minimum of two rows of perforations pointing down.

We recommend grading the surface of the subgrade soil (i.e., bottom of the reservoir layer) to be slightly sloped (2 percent or less) to provide positive drainage towards the underdrain system, so that water runoff discharged to the pervious pavers is evenly distributed over the subgrade surface, which should increase overall infiltration into the underlying subgrade.

Pervious pavers and pervious concrete pavement require periodic maintenance to reduce the potential for debris to clog the voids in the open-graded bedding course and decrease the infiltration rate. As a minimum, we recommend that a high-performance vacuum sweeper be used to remove accumulated debris and sediment in pervious pavers and pervious concrete pavement areas at least twice a year (i.e., every 6 months or less), including immediately before the rainy season starts.

7.6 Decomposed Granite Pathways

If decomposed granite is used as the wearing surface for pathways for the project, long-term maintenance of the walking path will be needed to fix rutting and depressions in the decomposed granite layer caused by pedestrian/bicycle traffic and erosion. We recommend that a minimum of 6 inches of Caltrans Class 2 aggregate base be used for the decomposed granite pathways. We recommend underlaying the aggregate base section with Mirafi® RS280i geotextile fabric or equivalent. The subgrade and aggregate base layer for the walkways should be compacted per the requirements in the “Site Preparation and Grading” section of this report.

7.7 Asphalt Concrete Pathways

The pavement section for new asphalt concrete pathways (if used) should consist of a minimum of 3 inches of asphalt concrete over a minimum of 12 inches of Caltrans Class 2 aggregate base. This pavement section is based on an assumed Resistance Value of 5 and Traffic Index of 5.5 (we assume the new walkways will be exposed to occasional maintenance truck traffic).

7.8 Portland Cement Concrete Pavements

Portland Cement Concrete (PCC) pavement should have a minimum thickness of 6 inches supported over 6 inches of Caltrans Class 2 aggregate base. This section is equivalent to a Traffic Index of at least 6.0 to 6.5 based on our experience and is expected to support traffic loading from a fire engine, a delivery truck, or a maintenance truck. The aggregate base and subgrade for PCC pavements should be properly moisture conditioned and compacted. Construction joints should be located no more than 12 feet apart in both directions. Concrete compressive strength should be tested in lieu of third point loading for rupture strength. A minimum 28-day compressive strength of 3,000 pounds per cubic foot (psi) should be specified for the concrete mix design. The PCC pavement should be continuously reinforced using No. 4 bars (or



larger) spaced no more than 18 inches on center in both directions. Final design of the PCC pavement is the responsibility of the civil or structural engineer for the project.

7.8.1 Additional Pavement Recommendations

Paved areas should be sloped, and drainage gradients maintained to carry all surface water to appropriate collection points. Surface water ponding should not be allowed anywhere on the Site during or after construction. We recommend that the pavement section be isolated from non-developed areas and areas of intrusion of irrigation water from landscaped areas. **Concrete curbs should extend a minimum of 2 inches below the aggregate base and into the subgrade to provide a barrier against drying of the subgrade soils or reduction of migration of landscape water into the pavement section.** Weep holes spaced at 4 feet on centers should also be provided. In lieu of the weep holes, a more effective system is to install a subdrain behind the curbs.

7.9 Effect of Plants on Foundation, Flatwork, and Paver Performance

Trees and other large plants can significantly contribute to differential settlement of a foundation, flatwork, pavers, and paved areas. The roots of trees and large plants can absorb the moisture from the soil, causing the soil to shrink much faster than other soil areas exposed to the weather. The soil where the moisture is lost more rapidly will sink lower than the surrounding soil, causing differential settlement in overlying or adjacent improvements. Certain trees and plants are known to be more water-consuming than others. Research studies indicate that a tree should be at least as far away from a building, flatwork, pavers, and pavement as the mature height of the tree to minimize the effect of drying caused by the tree. A plant and tree specialist should be consulted to avoid the issues described herein.

A root barrier should be considered between trees and adjacent improvements and should be designed and installed following the recommendations of a landscape architect.

7.10 Landscaping Irrigation

Vegetation should not be planted immediately adjacent to structures. If planting adjacent to structures is desired, we recommend using plants that require very little moisture with drip irrigation systems. Sprinkler systems should not be installed where they may cause ponding or saturation of subgrade soils within 5 feet of structures, slabs, pavements, concrete flatwork, or pavers. Otherwise, such ponding could cause loss of soil strength and movement of foundations, slabs, pavements, concrete flatwork, and pavers.

Irrigation of landscaped areas should be strictly limited to that necessary to sustain vegetation. Excessive irrigation could result in saturation and weakening of foundation soil.

7.11 Site Drainage

Proper site drainage is important for the long-term performance of future improvements. The Site should generally be graded to provide positive drainage towards drain inlets, catch basins, or bioretention areas.



The Site should be graded so as to carry surface water away from the new restroom building and other structures at a minimum of 2 percent in flatwork areas and 5 percent in landscaped areas to a minimum of 10 feet laterally from a structure's perimeter foundations as required by the 2022 CBC, if feasible, when considering Americans with Disabilities Act (ADA) requirements. Water should not be allowed to pond anywhere on-site other than areas that are designed for water retention and storage.

7.12 Storm Water Runoff Mitigation

Storm runoff regulations require pretreatment of runoff and infiltration of storm water to the extent feasible. Typically, this results in the use of bioretention areas, vegetated swales, infiltration trenches, or permeable pavement near or within parking lots. These features are not well-suited to fine-grained soils (silts and clays) because these soils typically have relatively low permeability and require significant time for infiltration to occur.

Implementation of storm water infiltration criteria could result in increased distress and reduced service life of flatwork, pavers, and pavement if not carefully designed in fine-grained soils such as those covering the surface of the Site. Bioretention areas, vegetated swales, and infiltration areas should be located in landscaped areas and well away (typically 5 to 10+ feet laterally) from slopes, foundations, flatwork, pavers, and pavements. If it is not possible to locate these infiltration systems away from such improvements, alternatives that isolate the infiltrated water, such as flow-through planters, could be considered. When using an infiltration system in clay soils, underdrains should be used. Improvements should be located such that there is at least 1 foot of horizontal distance between the edge of improvements and the top edge of the bioswale excavation for every 1 foot of vertical bioswale depth. If this is not possible, then concrete curbs for pavements, lateral restraints for exterior flatwork and pavers, or footings located adjacent to a bioretention area should be adequately keyed into the native soil to reduce the potential for rotation or lateral movement of these improvements. Due to the potential adverse effects on project performance, BSK should review the geotechnical aspects of the storm water infiltration system and its location before the project plans are finalized.

We expect the near surface clayey soils encountered at the Site to have low permeability. Therefore, **we classify the Site's surficial soils as predominantly hydrologic soil group D** per Chapter 7 of Part 630 Hydrology National Engineering Handbook (United States Department of Agriculture, 2007). Hydrologic soil group D soils have saturated hydraulic conductivities of less than 0.14 inches/hour.

It should be noted that during periods of prolonged precipitation, the underlying soils tend to become saturated to greater and greater depths/extents. Therefore, infiltration rates tend to decrease with prolonged rainfall. Also, denser soils have lower infiltration rates than less dense soils. Therefore, **it is important to not over-compact the bottom of bioretention areas and similar facilities beyond what is recommended in the "Site Preparation and Grading" section of this report.'**



7.13 Corrosion Potential

A bulk soil sample was collected during our subsurface investigation from boring HA-2 within the upper 5 feet BGS. The sample was submitted for corrosion testing. The sample was tested by CERCO Analytical, a State-certified laboratory in Concord, California, for redox potential, pH, resistivity, chloride content, and sulfate content in accordance with ASTM test methods. The test results are presented at the end of Appendix A. Also included is the evaluation by CERCO Analytical of the corrosion test results.

Based upon resistivity measurements, the sample tested is classified as "moderately corrosive" by CERCO Analytical. The sulfate ion concentration was none detected. This result is indicative of an exposure category of S0 per Table 19.3.1.1 of ACI 318-19. For an S0 exposure class, Table 19.3.2.1 indicates that the minimum f'_c of the concrete is 2,500 psi. CERCO Analytical recommends that all buried iron, steel, cast iron, ductile iron, galvanized steel, and dielectric coated steel or iron be properly protected against corrosion depending upon the critical nature of the structure. They also recommend that all buried metallic pressure piping, such as ductile iron firewater pipelines, should be protected against corrosion. Because we are not corrosion specialists, we recommend that a corrosion specialist be consulted for advice on proper corrosion protection for underground piping which will be in contact with the soils and other design details.

The above are general discussions. A more detailed investigation may include more or fewer concerns and should be directed by a corrosion expert. BSK does not practice corrosion engineering. Consideration should also be given to soils in contact with concrete that will be imported to the Site during construction, such as topsoil and landscaping materials, which typically contain fertilizers and other chemicals that can be highly corrosive to metals and concrete. Any imported soil or landscaping materials should not be any more corrosive than the on-site soils and should not be classified as being more corrosive than "moderately corrosive." Also, on-site cutting and filling may result in soils contacting concrete that were not anticipated at the time of this investigation.

7.14 Plan Review and Construction Observation

We recommend that BSK be retained by the Client to review the geotechnical aspects of the project plans before they go out to bid. It has been our experience that this review provides an opportunity to detect misinterpretation or misunderstandings of our recommendations prior to the start of construction.

Variations in soil types and conditions are possible and may be encountered during construction. To permit correlation between the soil data obtained during this investigation and the actual soil conditions encountered during construction, we recommend that BSK be retained to provide observation and testing services during site earthwork. This will allow us the opportunity to compare actual conditions exposed during construction with those encountered in our investigation and to provide supplemental recommendations if warranted by the exposed conditions. Earthwork should be performed in accordance with the recommendations presented in this report, or as recommended by BSK during construction. BSK should be notified at least two weeks prior to the start of construction and prior to when observation and testing services are needed.



8. ADDITIONAL SERVICES AND LIMITATIONS

8.1 Additional Services

The review of plans and field observation and testing during construction by BSK are an integral part of the conclusions and recommendations made in this report. If BSK is not retained for these services, the Client will be assuming BSK's responsibility for any potential claims that may arise during or after construction due to the misinterpretation of the recommendations presented herein. The recommended tests, observations, and consultation by BSK during construction include, but are not limited to:

- review of plans and specifications,
- observations of site grading, including stripping, engineered fill construction, and backfill of excavations resulting from the demolition of existing improvements to be removed,
- observation of foundation construction, including drilled piers, and
- in-place density testing of fills, backfills, finished subgrades, and aggregate base.

8.2 Limitations

The findings, conclusions, and recommendations contained in this report are based on our field observations and subsurface exploration, limited field and laboratory tests, and our present knowledge of the proposed construction. It is possible that soil and subsurface conditions could vary between or beyond the points explored. If soil conditions are encountered during construction that differ from those described herein, we should be notified immediately in order that a review may be made and any supplemental recommendations provided. If the scope of the proposed construction changes from that described in this report, our recommendations should also be reviewed.

We prepared this report in substantial accordance with the generally accepted geotechnical engineering practice as it exists in the Site area at the time of our study. No warranty, either express or implied, is made. The recommendations provided in this report are based on the assumption that an adequate program of tests and observations will be conducted by BSK during the construction phase in order to evaluate compliance with our recommendations.

This report may be used only by the Client and only for the purposes stated within a reasonable time from its issuance, but in no event later than two (2) years from the date of the report, or if conditions at the Site have changed. If this report is used beyond this period, BSK should be contacted to evaluate whether site conditions have changed since the report was issued.

Also, land or facility use, on and off-site conditions, regulations, or other factors may change over time, and additional work may be required with the passage of time. Based on the intended use of the report, BSK may recommend that additional work be performed and that an updated report be issued.



The scope of services for this report did not include environmental assessments or evaluations regarding the presence or absence of wetlands or hazardous substances in the air, soil, surface water, or groundwater at this Site.

BSK conducted subsurface exploration and provided recommendations for this project. We understand that BSK will be given an opportunity to perform a formal geotechnical review of the final project plans. In the event BSK is not retained to review the final project plans to evaluate if our recommendations have been properly interpreted, we will assume no responsibility for misinterpretation of our recommendations.

We recommend that all foundation excavations and earthwork during construction be monitored by a representative from BSK, including site preparation, foundation excavations, and placement of engineered fill, trench backfill, and aggregate base. The purpose of these services would be to provide BSK the opportunity to observe the actual soil conditions encountered during construction, evaluate the applicability of the recommendations presented in this report to the soil conditions encountered, and recommend appropriate changes in design or construction procedures if conditions differ from those described herein.

9. CLOSURE

BSK appreciates the opportunity to provide our services to you and trusts this report meets your needs at this time. If you have any questions concerning the information presented, please contact us at 925-315-3151.

Respectfully submitted,
BSK Associates

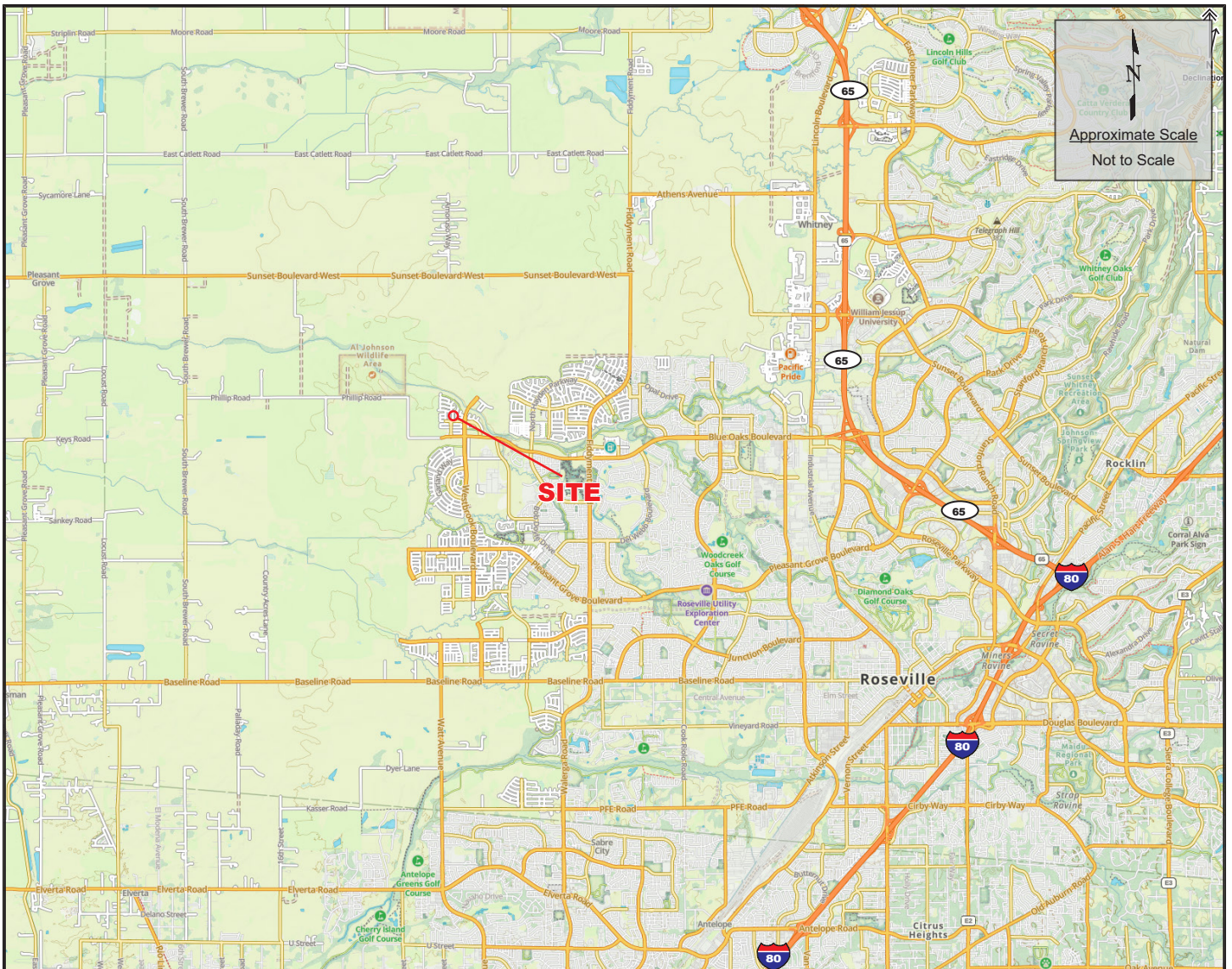


Omar K. Khan, PGiT
Project Professional II



Cristiano Melo, PE, GE #2756
Senior Geotechnical Engineer





References: <https://www.google.com/maps>, 2023

Note: Locations are approximate

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PROJECT NO. G24000125

DRAWN: 03/26/24

DRAWN BY: B. Steen

CHECKED BY: O. Khan

FILE NAME:
Figures.indd

VICINITY MAP

City of Roseville
Planned C-63 Park
Grasscreek Drive and Lemonade Lane
Roseville, California

FIGURE

1



Legend

HA-1  Approximate Hand Auger Location (By BSK, 2024)

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PROJECT NO. G24000125

DRAWN: 03/26/24

DRAWN BY: B. Steen

CHECKED BY: O. Khan

FILE NAME:
Figures.indd

SITE PLAN

City of Roseville
Planned C-63 Park
Grasscreek Drive and Lemonade Lane
Roseville, California

FIGURE

2

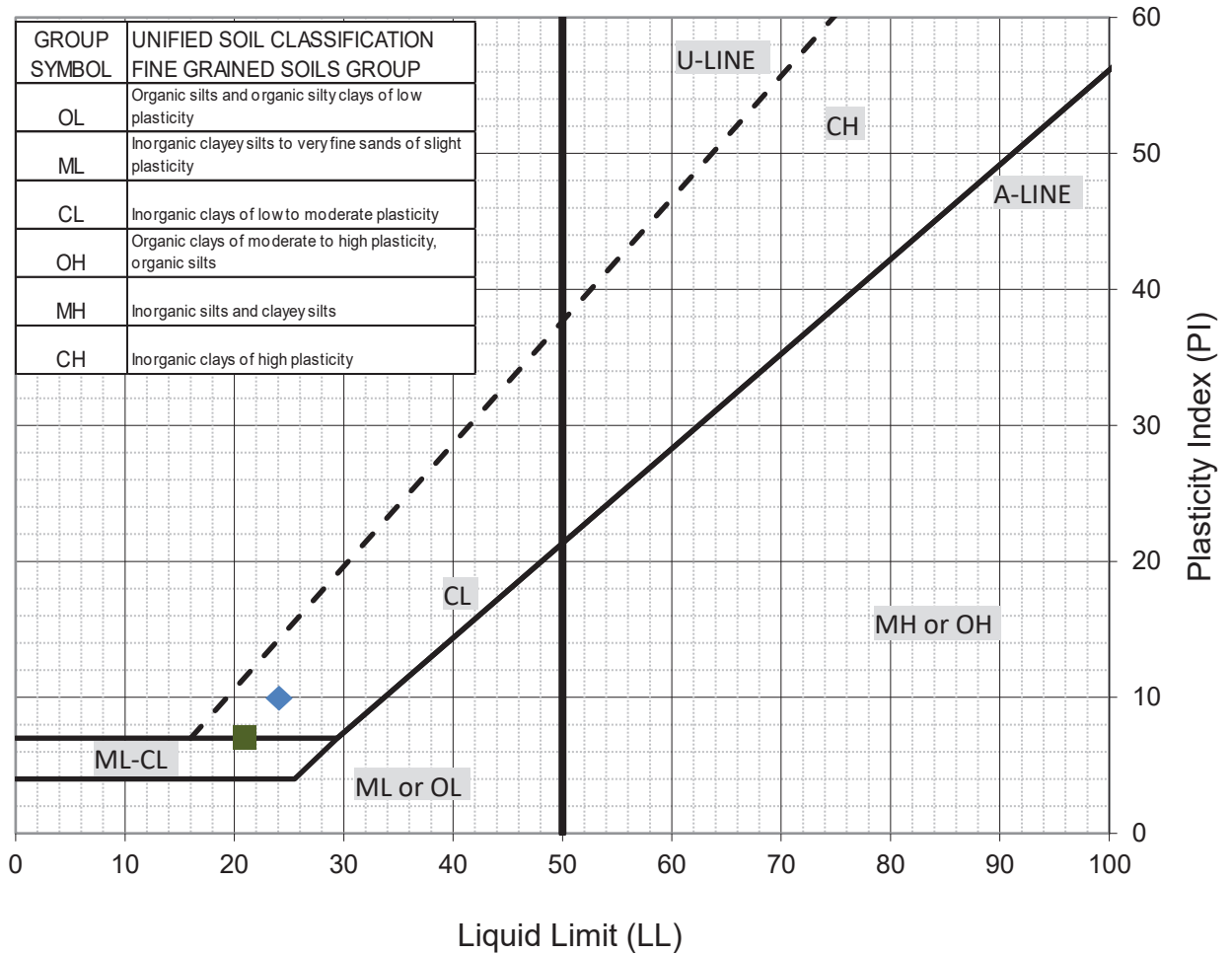
APPENDIX A

Laboratory Test Results



EXPLANATION

GROUP SYMBOL	UNIFIED SOIL CLASSIFICATION FINE GRAINED SOILS GROUP
OL	Organic silts and organic silty clays of low plasticity
ML	Inorganic clayey silts to very fine sands of slight plasticity
CL	Inorganic clays of low to moderate plasticity
OH	Organic clays of moderate to high plasticity, organic silts
MH	Inorganic silts and clayey silts
CH	Inorganic clays of high plasticity



LEGEND	SOURCE	DEPTH (FT)	LL	PL	PI	DESCRIPTION
◆	HA-2	0-5	24	14	10	Sandy Lean Clay (CL)
■	HA-3	0-4	21	14	7	Silty Clay (CL-ML)

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PROJECT NO. G24000125

DRAWN: 03/26/24

DRAWN BY: B. Steen

CHECKED BY: O. Khan

FILE NAME:
Figures.indd**ATTERBERG LIMITS**

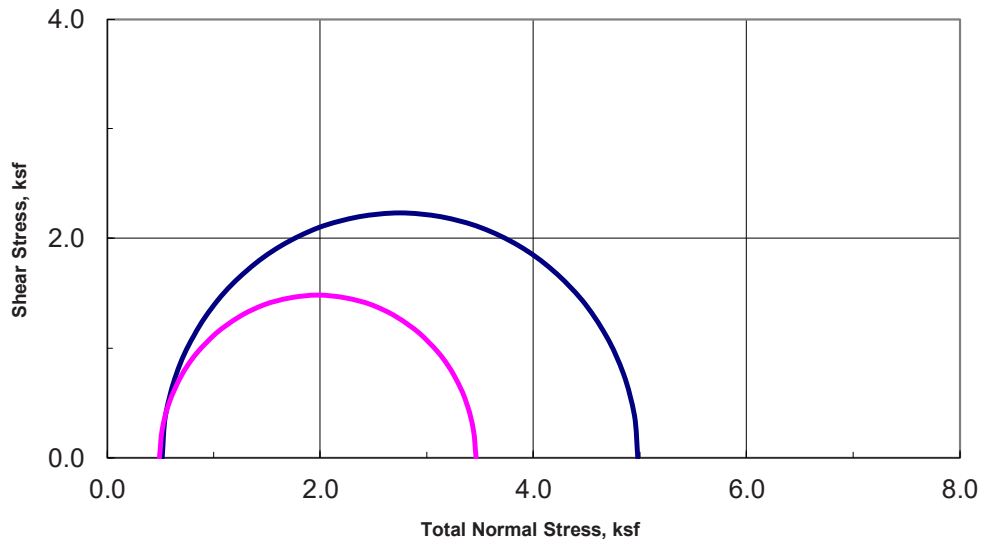
City of Roseville
Planned C-63 Park
Grasscreek Drive and Lemonade Lane
Roseville, California

FIGURE

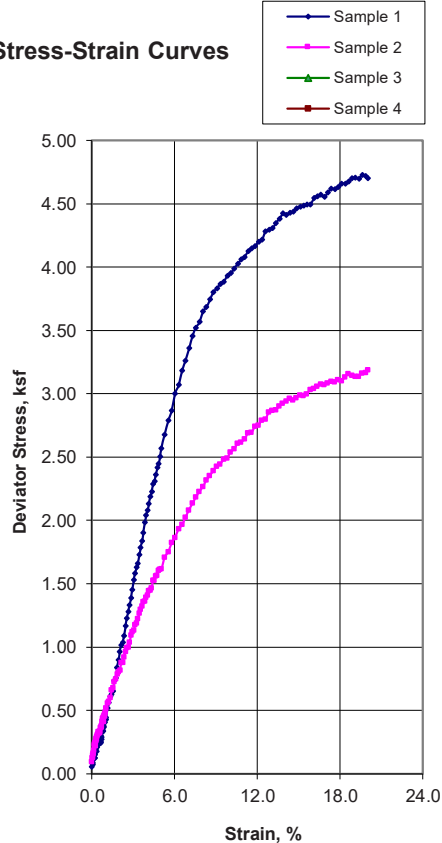
A-1



Unconsolidated-Undrained Triaxial Test ASTM D2850



Stress-Strain Curves



Sample Data

	1	2	3	4
Moisture %	13.7	15.9		
Dry Den,pcf	120.4	116.2		
Void Ratio	0.400	0.450		
Saturation %	92.4	95.4		
Height in	3.98	4.01		
Diameter in	1.92	1.91		
Cell psi	3.6	3.4		
Strain %	15.00	15.00		
Deviator, ksf	4.467	2.968		
Rate %/min	1.00	1.00		
in/min	0.040	0.040		
Job No.:	664-539			
Client:	BSK Associates			
Project:	G24000125			
Boring:	HA-1	HA-2		
Sample:	1	1		
Depth ft:	1	2		

Visual Soil Description

Sample #	
1	Lean Clay with Sand (CL)
2	Sandy Lean Clay (CL)
3	
4	

Remarks:

Note: Strengths are picked at the peak deviator stress or 15% strain which ever occurs first per ASTM D2850.

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PROJECT NO. G24000125

DRAWN: 03/26/24

DRAWN BY: B. Steen

CHECKED BY: O. Khan

FILE NAME:
Figures.indd

UNCONSOLIDATED-UNDRAINED TRIAXIAL COMPRESSION

City of Roseville
Planned C-63 Park
Grasscreek Drive and Lemonade Lane
Roseville, California

FIGURE

A-2

15 March, 2024

Job No. 2403013

Cust. No. 12667

Mr. Omar Khan
BSK Associates Engineers & Laboratories
399 Lindbergh Avenue
Livermore, CA 94551

Subject: Project No.: G24000125
Project Name: C-63 Park; Grasscreek Dr. and Lemonade Lane, Roseville, CA
Corrosivity Analysis – ASTM Test Methods

Dear Mr. Khan:

Pursuant to your request, CERCO Analytical has analyzed the soil sample submitted on March 11, 2024. Based on the analytical results, this brief corrosivity evaluation is enclosed for your consideration.

Based upon the resistivity measurement, the sample is classified as “moderately corrosive”. All buried iron, steel, cast iron, ductile iron, galvanized steel and dielectric coated steel or iron should be properly protected against corrosion depending upon the critical nature of the structure. All buried metallic pressure piping such as ductile iron firewater pipelines should be protected against corrosion.

The chloride ion concentration reflects none detected with a reporting limit of 15 mg/kg.

The sulfate ion concentration reflects none detected with a reporting limit of 15 mg/kg.

The pH of the soil is 7.47, which does not present corrosion problems for buried iron, steel, mortar-coated steel and reinforced concrete structures.

The redox potential is 140 -mV and is indicative of potentially “moderately corrosive” soils resulting from anaerobic soil conditions.

This corrosivity evaluation is based on general corrosion engineering standards and is non-specific in nature. For specific long-term corrosion control design recommendations or consultation, please call *JDH Corrosion Consultants, Inc. at (925) 927-6630.*

We appreciate the opportunity of working with you on this project. If you have any questions, or if you require further information, please do not hesitate to contact us.

Very truly yours,
CERCO ANALYTICAL, INC.


J. Darby Howard, Jr., P.E.
President

JDH/jdl
Enclosure

Client: BSK Associates Engineers & Laboratories
 Client's Project No.: G24000125
 Client's Project Name: C-63 Park; Grasscreek Drive and Lemonade Lane, Roseville, CA
 Date Sampled: 28-Feb-24
 Date Received: 11-Mar-24
 Matrix: Soil
 Authorization: Chain of Custody



1100 Willow Pass Court, Suite A
 Concord, CA 94520-1006

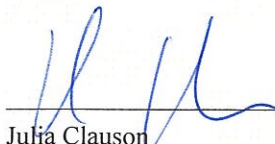
925 462 2771 Fax: 925 462 2775

www.cercoanalytical.com

Date of Report: 15-Mar-2024

Job/Sample No.	Sample I.D.	Redox (mV)	pH	Conductivity (umhos/cm)*	Resistivity (100% Saturation) (ohms-cm)	Sulfide (mg/kg)*	Chloride (mg/kg)*	Sulfate (mg/kg)*
2403013-001	HA-2, depth: 0-5'	140	7.47	-	2,300	-	N.D.	N.D.

Method:	ASTM D1498	ASTM D4972	ASTM D1125M	ASTM G57	ASTM D4658M	ASTM D4327	ASTM D4327
Reporting Limit:	-	-	10	-	50	15	15
Date Analyzed:	12-Mar-2024	12-Mar-2024	-	11-Mar-2024	-	12-Mar-2024	12-Mar-2024


 Julia Clauson
 Chemist

* Results Reported on "As Received" Basis

N.D. - None Detected

Quality Control Summary - All laboratory quality control parameters were found to be within established limits

APPENDIX B

Important Information About This Geotechnical-Engineering Report



Important Information about This Geotechnical-Engineering Report

Subsurface problems are a principal cause of construction delays, cost overruns, claims, and disputes.

While you cannot eliminate all such risks, you can manage them. The following information is provided to help.

The Geoprofessional Business Association (GBA) has prepared this advisory to help you – assumedly a client representative – interpret and apply this geotechnical-engineering report as effectively as possible. In that way, you can benefit from a lowered exposure to problems associated with subsurface conditions at project sites and development of them that, for decades, have been a principal cause of construction delays, cost overruns, claims, and disputes. If you have questions or want more information about any of the issues discussed herein, contact your GBA-member geotechnical engineer. Active engagement in GBA exposes geotechnical engineers to a wide array of risk-confrontation techniques that can be of genuine benefit for everyone involved with a construction project.

Understand the Geotechnical-Engineering Services Provided for this Report

Geotechnical-engineering services typically include the planning, collection, interpretation, and analysis of exploratory data from widely spaced borings and/or test pits. Field data are combined with results from laboratory tests of soil and rock samples obtained from field exploration (if applicable), observations made during site reconnaissance, and historical information to form one or more models of the expected subsurface conditions beneath the site. Local geology and alterations of the site surface and subsurface by previous and proposed construction are also important considerations. Geotechnical engineers apply their engineering training, experience, and judgment to adapt the requirements of the prospective project to the subsurface model(s). Estimates are made of the subsurface conditions that will likely be exposed during construction as well as the expected performance of foundations and other structures being planned and/or affected by construction activities.

The culmination of these geotechnical-engineering services is typically a geotechnical-engineering report providing the data obtained, a discussion of the subsurface model(s), the engineering and geologic engineering assessments and analyses made, and the recommendations developed to satisfy the given requirements of the project. These reports may be titled investigations, explorations, studies, assessments, or evaluations. Regardless of the title used, the geotechnical-engineering report is an engineering interpretation of the subsurface conditions within the context of the project and does not represent a close examination, systematic inquiry, or thorough investigation of all site and subsurface conditions.

Geotechnical-Engineering Services are Performed for Specific Purposes, Persons, and Projects, and At Specific Times

Geotechnical engineers structure their services to meet the specific needs, goals, and risk management preferences of their clients. A geotechnical-engineering study conducted for a given civil engineer

will not likely meet the needs of a civil-works constructor or even a different civil engineer. Because each geotechnical-engineering study is unique, each geotechnical-engineering report is unique, prepared *solely* for the client.

Likewise, geotechnical-engineering services are performed for a specific project and purpose. For example, it is unlikely that a geotechnical-engineering study for a refrigerated warehouse will be the same as one prepared for a parking garage; and a few borings drilled during a preliminary study to evaluate site feasibility will not be adequate to develop geotechnical design recommendations for the project.

Do not rely on this report if your geotechnical engineer prepared it:

- for a different client;
- for a different project or purpose;
- for a different site (that may or may not include all or a portion of the original site); or
- before important events occurred at the site or adjacent to it; e.g., man-made events like construction or environmental remediation, or natural events like floods, droughts, earthquakes, or groundwater fluctuations.

Note, too, the reliability of a geotechnical-engineering report can be affected by the passage of time, because of factors like changed subsurface conditions; new or modified codes, standards, or regulations; or new techniques or tools. *If you are the least bit uncertain about the continued reliability of this report, contact your geotechnical engineer before applying the recommendations in it. A minor amount of additional testing or analysis after the passage of time – if any is required at all – could prevent major problems.*

Read this Report in Full

Costly problems have occurred because those relying on a geotechnical-engineering report did not read the report in its entirety. Do not rely on an executive summary. Do not read selective elements only. *Read and refer to the report in full.*

You Need to Inform Your Geotechnical Engineer About Change

Your geotechnical engineer considered unique, project-specific factors when developing the scope of study behind this report and developing the confirmation-dependent recommendations the report conveys. Typical changes that could erode the reliability of this report include those that affect:

- the site's size or shape;
- the elevation, configuration, location, orientation, function or weight of the proposed structure and the desired performance criteria;
- the composition of the design team; or
- project ownership.

As a general rule, *always* inform your geotechnical engineer of project or site changes – even minor ones – and request an assessment of their impact. *The geotechnical engineer who prepared this report cannot accept*

responsibility or liability for problems that arise because the geotechnical engineer was not informed about developments the engineer otherwise would have considered.

Most of the “Findings” Related in This Report Are Professional Opinions

Before construction begins, geotechnical engineers explore a site’s subsurface using various sampling and testing procedures. *Geotechnical engineers can observe actual subsurface conditions only at those specific locations where sampling and testing is performed.* The data derived from that sampling and testing were reviewed by your geotechnical engineer, who then applied professional judgement to form opinions about subsurface conditions throughout the site. Actual site-wide subsurface conditions may differ – maybe significantly – from those indicated in this report. Confront that risk by retaining your geotechnical engineer to serve on the design team through project completion to obtain informed guidance quickly, whenever needed.

This Report’s Recommendations Are Confirmation-Dependent

The recommendations included in this report – including any options or alternatives – are confirmation-dependent. In other words, they are not final, because the geotechnical engineer who developed them relied heavily on judgement and opinion to do so. Your geotechnical engineer can finalize the recommendations *only after observing actual subsurface conditions* exposed during construction. If through observation your geotechnical engineer confirms that the conditions assumed to exist actually do exist, the recommendations can be relied upon, assuming no other changes have occurred. *The geotechnical engineer who prepared this report cannot assume responsibility or liability for confirmation-dependent recommendations if you fail to retain that engineer to perform construction observation.*

This Report Could Be Misinterpreted

Other design professionals’ misinterpretation of geotechnical-engineering reports has resulted in costly problems. Confront that risk by having your geotechnical engineer serve as a continuing member of the design team, to:

- confer with other design-team members;
- help develop specifications;
- review pertinent elements of other design professionals’ plans and specifications; and
- be available whenever geotechnical-engineering guidance is needed.

You should also confront the risk of constructors misinterpreting this report. Do so by retaining your geotechnical engineer to participate in prebid and preconstruction conferences and to perform construction-phase observations.

Give Constructors a Complete Report and Guidance

Some owners and design professionals mistakenly believe they can shift unanticipated-subsurface-conditions liability to constructors by limiting the information they provide for bid preparation. To help prevent the costly, contentious problems this practice has caused, include the complete geotechnical-engineering report, along with any attachments or appendices, with your contract documents, *but be certain to note*

conspicuously that you’ve included the material for information purposes only. To avoid misunderstanding, you may also want to note that “informational purposes” means constructors have no right to rely on the interpretations, opinions, conclusions, or recommendations in the report. Be certain that constructors know they may learn about specific project requirements, including options selected from the report, *only* from the design drawings and specifications. Remind constructors that they may perform their own studies if they want to, and *be sure to allow enough time* to permit them to do so. Only then might you be in a position to give constructors the information available to you, while requiring them to at least share some of the financial responsibilities stemming from unanticipated conditions. Conducting prebid and preconstruction conferences can also be valuable in this respect.

Read Responsibility Provisions Closely

Some client representatives, design professionals, and constructors do not realize that geotechnical engineering is far less exact than other engineering disciplines. This happens in part because soil and rock on project sites are typically heterogeneous and not manufactured materials with well-defined engineering properties like steel and concrete. That lack of understanding has nurtured unrealistic expectations that have resulted in disappointments, delays, cost overruns, claims, and disputes. To confront that risk, geotechnical engineers commonly include explanatory provisions in their reports. Sometimes labeled “limitations,” many of these provisions indicate where geotechnical engineers’ responsibilities begin and end, to help others recognize their own responsibilities and risks. *Read these provisions closely.* Ask questions. Your geotechnical engineer should respond fully and frankly.

Geoenvironmental Concerns Are Not Covered

The personnel, equipment, and techniques used to perform an environmental study – e.g., a “phase-one” or “phase-two” environmental site assessment – differ significantly from those used to perform a geotechnical-engineering study. For that reason, a geotechnical-engineering report does not usually provide environmental findings, conclusions, or recommendations; e.g., about the likelihood of encountering underground storage tanks or regulated contaminants. *Unanticipated subsurface environmental problems have led to project failures.* If you have not obtained your own environmental information about the project site, ask your geotechnical consultant for a recommendation on how to find environmental risk-management guidance.

Obtain Professional Assistance to Deal with Moisture Infiltration and Mold

While your geotechnical engineer may have addressed groundwater, water infiltration, or similar issues in this report, the engineer’s services were not designed, conducted, or intended to prevent migration of moisture – including water vapor – from the soil through building slabs and walls and into the building interior, where it can cause mold growth and material-performance deficiencies. Accordingly, *proper implementation of the geotechnical engineer’s recommendations will not of itself be sufficient to prevent moisture infiltration.* Confront the risk of moisture infiltration by including building-envelope or mold specialists on the design team. *Geotechnical engineers are not building-envelope or mold specialists.*



**GEOPROFESSIONAL
BUSINESS
ASSOCIATION**

Telephone: 301/565-2733

e-mail: info@geoprofessional.org www.geoprofessional.org



COUNCIL COMMUNICATION

CC #: 3793
File #: 0704-01

Title: Woodbridge Park Tennis & Pickleball Court Renovations Project - Approval of Plans and Specifications and Authorization to Call for Bids
Contact: Joshua Cervantes 916-866-2553 jrcervantes@roseville.ca.us

Meeting Date: 3/19/2025
Item #: 7.4.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council approve the plans and specifications for the Woodbridge Park Tennis & Pickleball Court Renovation Project and authorize staff to call for bids.

BACKGROUND

This project is located at Woodbridge Park, a 7.2-acre neighborhood park at 415 Sierra Blvd. This park features a variety of recreational amenities, including a covered picnic area, playgrounds, a half basketball court, two bocce ball courts, two tennis courts, and restrooms. The foundation of the park's existing tennis courts, which included a striping overlay for pickleball, has aged significantly and is due for renovation. The scope of work for this project includes renovating the court foundation, reestablishing one of the two tennis courts with a pickleball striping overlay on the tennis court and converting the second tennis court into two pickleball only courts and adding a new shaded seating area for the pickleball courts.

The base bid includes replacing the foundation slab, installing new striping and equipment, color-coat resurfacing the court area, upgrading entrances to ensure ADA compliance, adding new benches, and installing a new shaded seating area. Add alternatives are included for installation of protective windscreens around the perimeter of the existing tennis/pickleball court, and for the removal and installation of new bark mulch along the tennis/pickleball frontage along Mariposa Street.

FISCAL IMPACT

The base bid scope of work is estimated at \$267,625. Funding for this Project was approved in the Parks, Recreation and Library Capital Project Fund through the FY2024-2025 Capital Improvement Project budget process. There are negligible increases to maintenance costs. The funding source for maintenance will continue to be the General Fund.

ENVIRONMENTAL REVIEW

The proposed project involves the minor alterations of an existing facility. This activity is categorically exempt from CEQA as a Class 1 Exemption (State CEQA Guidelines Section 15301). The Exemption has been prepared and no further CEQA action is required. The project would improve the existing tennis court and add a new tennis court and two new pickleball courts at Woodbridge Park. This would not result in expansion of use beyond existing levels. Furthermore, no environmentally sensitive resources are located within the project sites; therefore, the Class 1 Exemption is applicable to the proposed project.

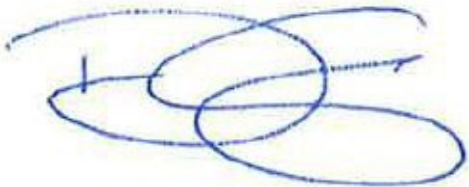
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal A – Remain fiscally responsible in a changing world
Goal B – Support community engagement and advocacy
Goal C – Maintain a safe and healthy community
Goal E – Deliver exceptional city services
Goal F – Invest in well-planned infrastructure and growth

Respectfully Submitted,

Joshua Cervantes, Park Development Project Manager

Jill Geller, Parks, Recreation & Libraries Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Vicinity Map

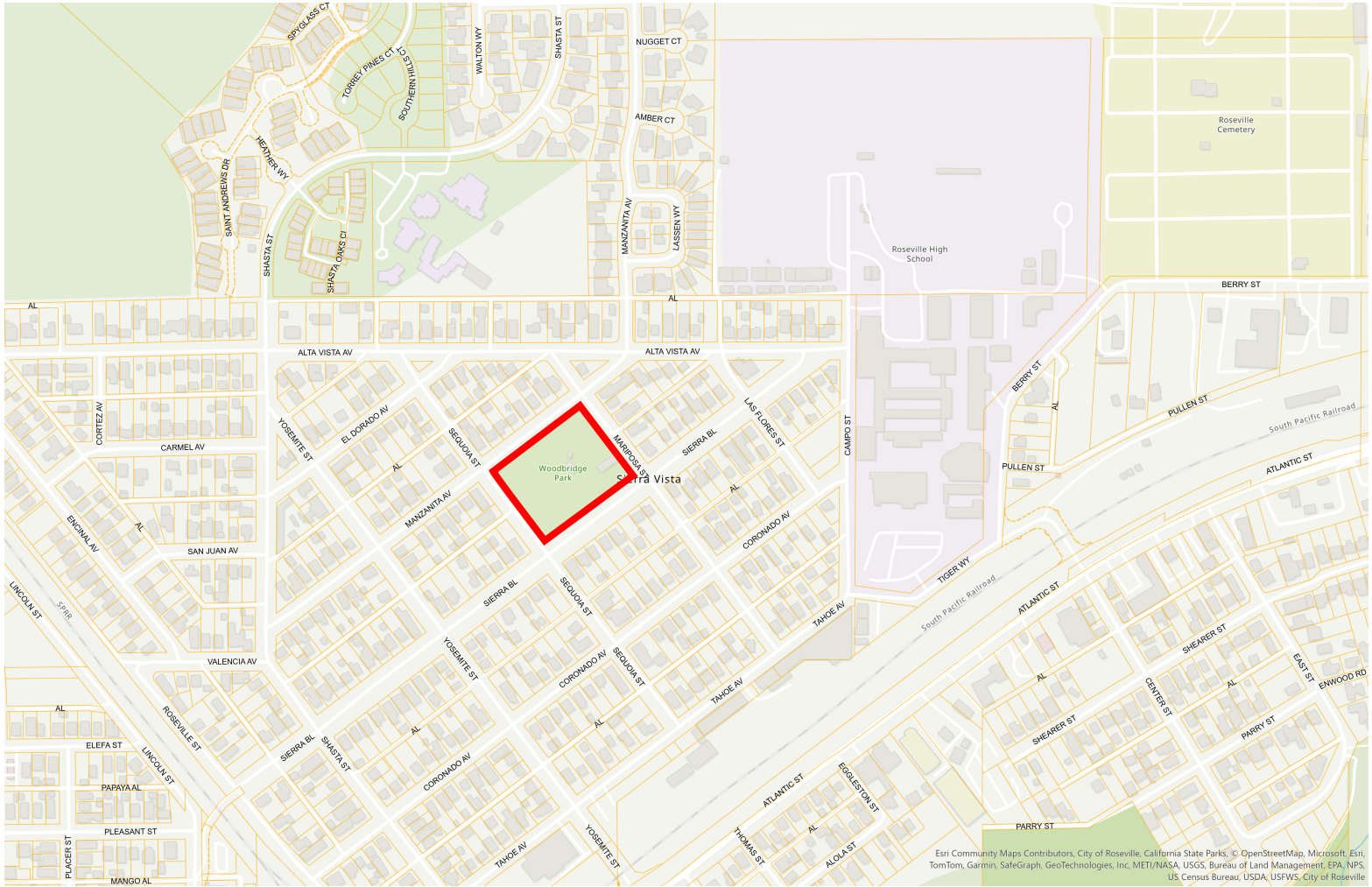
Project Plans

Project Manual

CEQA Exemption

Woodbridge Park

Vicinity Map



GENERAL NOTES:

1.

LANDSCAPE IMPROVEMENTS TO BE CONSTRUCTED IN COMPLIANCE WITH THE CITY OF ROSEVILLE, CA STANDARD SPECIFICATIONS LATEST EDITION. IMPROVEMENTS ARE ALSO TO BE IN COMPLIANCE WITH CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS LATEST EDITION, WHERE APPLICABLE. ALL WORK SHALL BE SUBJECT TO INSPECTION BY CITY OF ROSEVILLE, CA.
2.

DESIGN: THE DRAWINGS HEREIN REPRESENT A GENERAL DESIGN TO BE IMPLEMENTED ON THE SITE DEPICTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CITY TO CLARIFY PLAN DETAILS RELATED TO SITE OR CONSTRUCTION DETAILS RELATED TO THE SITE OR CONSTRUCTION DETAILS NECESSARY FOR PROJECT COMPLETION.
3.

COORDINATION: CONTRACTORS SHALL COORDINATE INSTALLATION AND SCHEDULING WITH THAT OF CITY'S REPRESENTATIVE AND OTHER CONTRACTORS EFFICIENTLY AND IN A TIMELY MANNER, ENSURING THE PROJECT COMPLETION IS UNIMPEDED AND INSTALLED CORRECTLY. THE CITY REPRESENTATIVE TO BE CONTACTED DIRECTLY AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO BEGINNING WORK.
4.

BIDDING INFORMATION: SEE PROJECT SPECIFICATIONS, SPECIAL PROVISIONS, GENERAL REQUIREMENTS, AND TECHNICAL SPECIFICATIONS FOR CONTRACTOR RESPONSIBILITIES RELATED TO BIDDING INFORMATION AND SITE VISITS PRIOR TO BID SUBMITTAL.
5.

SITE CONDITIONS: SEE PROJECT SPECIFICATIONS FOR CONTRACTOR RESPONSIBILITIES RELATED TO SITE CONDITIONS. CONTRACTOR TO EXAMINE EXISTING CONDITIONS OF SITE. IN THE EVENT THAT ON-SITE CONDITIONS DIFFER FROM CONDITIONS DEPICTED ON PLANS AND WILL IMPACT THE INSTALLATION PROCESS, THE CONTRACTOR WILL SUBMIT THESE FINDINGS TO THE CITY IN WRITING PRIOR TO BEGINNING WORK. COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE EXISTING SITE CONDITIONS.SHOWN HEREIN ARE SUPERIMPOSED OVER DATA PROVIDED TO THE LANDSCAPE ARCHITECT BY OTHER SOURCES. THE CITY OF MODESTO SHALL NOT BE LIABLE FOR THE CHANGES, INACCURACIES, OMISSIONS, OR OTHER ERRORS RELATED TO THIS DATA. THE BASE INFORMATION IS PROVIDED AS AN AID ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL DOCUMENTS AND ACCOMMODATING ANY DISCREPANCIES.
6.

BASE INFORMATION PROVIDED BY:

CITY OF ROSEVILLE
316 VERNON STREET
ROSEVILLE, CA 95678
PHONE: (916) 772-7529
7.

UTILITIES SHOWN HAVE BEEN PLOTTED FROM RECORD INFORMATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL COORDINATE WITH UNDERGROUND SERVICE ALERT (U.S.A.) TO DETERMINE, IN THE FIELD, THE LOCATION OF ALL UNDERGROUND UTILITIES DURING CONSTRUCTION, CONTRACTOR SHALL PROTECT AND USE EXTREME CAUTION WHEN EXPOSING AND/OR WORKING NEAR EXISTING UTILITIES.
8.

UTILITY COMPANIES ARE MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ON-CALL PROGRAM. THE CONTRACTOR AND ANY SUBCONTRACTORS SHALL CONTACT U.S.A. AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO BEGINNING WORK. ONLY EXCAVATIONS WILL REVEAL ACTUAL TYPES, LOCATIONS, SIZES AND DEPTHS OF UNDERGROUND UTILITIES. THE CITY OF MODESTO ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF9. UNDERGROUND UTILITIES OR OF BURIED EXISTING OBJECTS AND UTILITIES NOT SHOWN ON THESE PLANS.
9.

THE CONTRACTOR SHALL KEEP A CURRENT SET OF DRAWINGS ON SITE AT ALL TIMES WITH DEVIATIONS FROM ORIGINAL PLANS AND SPECIFICATIONS NOTED. UPON PROJECT COMPLETION THE CONTRACTOR WILL PROVIDE THE CITY WITH A DIGITAL FORMAT AND HARD COPY COMPLETE SET OF RECORD DRAWINGS.
10.

CONTRACTOR SHALL LOCATE AND PRESERVE ALL SURFACE AND SUB-SURFACE FACILITIES WHICH MAY BE IN THE WORKING AREA.

LAYOUT NOTES:

1.

MANUFACTURER NAMED ITEMS ARE FOR STANDARD OF REFERENCE AND DO NOT NECESSARILY LIMIT SUPPLY TO NAMED MANUFACTURERS.
2.

CONTRACTOR SHALL EXAMINE RELATED WORK AND SURFACES BEFORE STARTING WORK OF THIS SECTION AND SHOULD REPORT TO THE CITY IN WRITING ANY CONDITIONS WHICH WILL PREVENT THE PROPER PROVISION OF THIS WORK. BEGINNING THE WORK OF THIS SECTION WITHOUT REPORTING UNSUITABLE CONDITIONS CONSTITUTES ACCEPTANCE OF CONDITIONS. ANY REQUIRED REMOVAL, REPAIR OR REPLACEMENT OF THIS WORK CAUSED BY UNSUITABLE CONDITIONS SHALL BE DONE AT NO ADDITIONAL COST TO THE CITY.
3.

ALL EARTHWORK, GRADING AND SOIL DELIVERY/REMOVAL IS TO BE PROVIDED BY THE CONTRACTOR, IF APPLICABLE.
4.

ALL CONCRETE FINISHES SHALL BE VERIFIED WITH CITY REPRESENTATIVE PRIOR TO INSTALLATION PER PROJECT SPECIFICATIONS.

SOIL QUANTITY:

1.

THIS PROJECT HAS BEEN DESIGNED TO BALANCE CUT AND FILL.

CITY OF ROSEVILLE GENERAL NOTES:

THIS PROJECT SHALL CONFORM TO THE APPROVED PLANS AND THE PARKS CONSTRUCTION STANDARDS, LATEST EDITION.

CONTRACTOR TO PROVIDE ALL MATERIALS NEEDED TO INSTALL SCOPE OF WORK

SCOPE OF WORK:

SCOPE OF WORK TO INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING: REMOVE AND REPLACE EXISTING AC COURT PAVEMENT AND TENNIS & PICKLEBALL EQUIPMENT, REMOVE AND REPLACE ENTRANCE GATES AT SELECT LOCATIONS, PROVIDE AND INSTALL SHADE STRUCTURE, PROVIDE AND INSTALL NEW BENCHES AT SELECT LOCATIONS, INSTALL UNDER WALK DRAIN AT SELECT LOCATIONS

- REFER TO SCOPE OF WORK PLANS FOR FURTHER BREAK DOWN OF SCOPE OF WORK



WOODBIDGE TENNIS & PICKLEBALL COURT RENOVATION PROJECT

415 SIERRA BLVD.
ROSEVILLE, CALIFORNIA, 95678

NOTICE TO PLAN CHECKER:

PROJECT NAME: WOODBRIDGE TENNIS / PICKLEBALL COURT IMPROVEMENTS PROJECT

PROJECT AREA: 13,600 SQUARE FEET

SHEET INDEX:

- 1

COVER SHEET
- 2

SCOPE OF WORK PLAN
- 3

EXISTING CONDITIONS PLAN
- 4

DEMO PLAN
- 5

LAYOUT PLAN
- 6

UNDER WALK DRAIN DETAILS
- 7

ADDITIONAL DETAILS

ABBREVIATIONS:

AC	ASPHALT	GV	GAS VALVE
BC	BACK OF CURB	HV VLT	HIGH VOLTAGE VAULT
BOL	BOLLARD	LIP	LIP OF GUTTER
BOW	BACK OF WALK	MS	CONCRETE MOW STRIP
CATV	CABLE TV BOX	NG	NATURAL GROUND
CB	CATCH BASIN	PAV	PAVEMENT
CLF	CHAIN LINK FENCE	PB	PACIFIC BELL
COL	COLUMN	SLB	STREET LIGHT BOX
C	CONCRETE	SSCO	SANITARY SEWER CLEAN OUT
DI	DRAINAGE INLET	SSMH	SANITARY SEWER MAN HOLE
EB	ELECTRICAL JUNCTION BOX	SW	SIDEWALK
EP	EDGE OF ASPHALT PAVEMENT	TC	TOP OF CURB
FDC	FIRE DEPARTMENT CONNECTION	TCDO	TOP OF CURB DRIVE OVER
FL	FLOWLINE	T 22"	TREE W/ 22" DIAMETER TRUNK
FNC	FENCE-HEIGHT & TYPE NOTED	WF	WOOD FENCE-HEIGHT NOTED
FOW	FACE OF WALK	WM	WATER METER
GRD RAIL	GUARD RAIL	WV	WATER VALVE
GM	GAS METER	WVLT	WATER VAULT
		NIC	NOT IN CONTRACT

BUILDING CODE COMPLIANCE:

ALL WORK SHALL CONFORM TO THE FOLLOWING MODEL CODES AND ALL APPLY TO THE MOST UP TO DATE CITY OF ROSEVILLE DESIGN STANDARDS:

2022 CALIFORNIA BUILDING CODE (CBC), WITH CITY OF ROSEVILLE AMENDMENTS
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
2022 CALIFORNIA MECHANICAL CODE (CMC),
2022 CALIFORNIA PLUMBING CODE (CPC),
2022 CALIFORNIA ELECTRICAL CODE (CEC), WITH CITY OF ROSEVILLE AMENDMENTS
2022 CALIFORNIA ENERGY STANDARDS (CES),
2022 CALIFORNIA FIRE CODE, WITH CITY OF ROSEVILLE AMENDMENTS (RFC).

VICINITY MAP:



LOCATION MAP:



SCALE: NONE
DATE: JANUARY 2025



DESIGN:
DRAWING:
VERIFICATION:
PRESENTATION:



R E V I S I O N E S	
N°	DATE

WOODBIDGE TENNIS / PICKLEBALL COURT IMPROVEMENTS

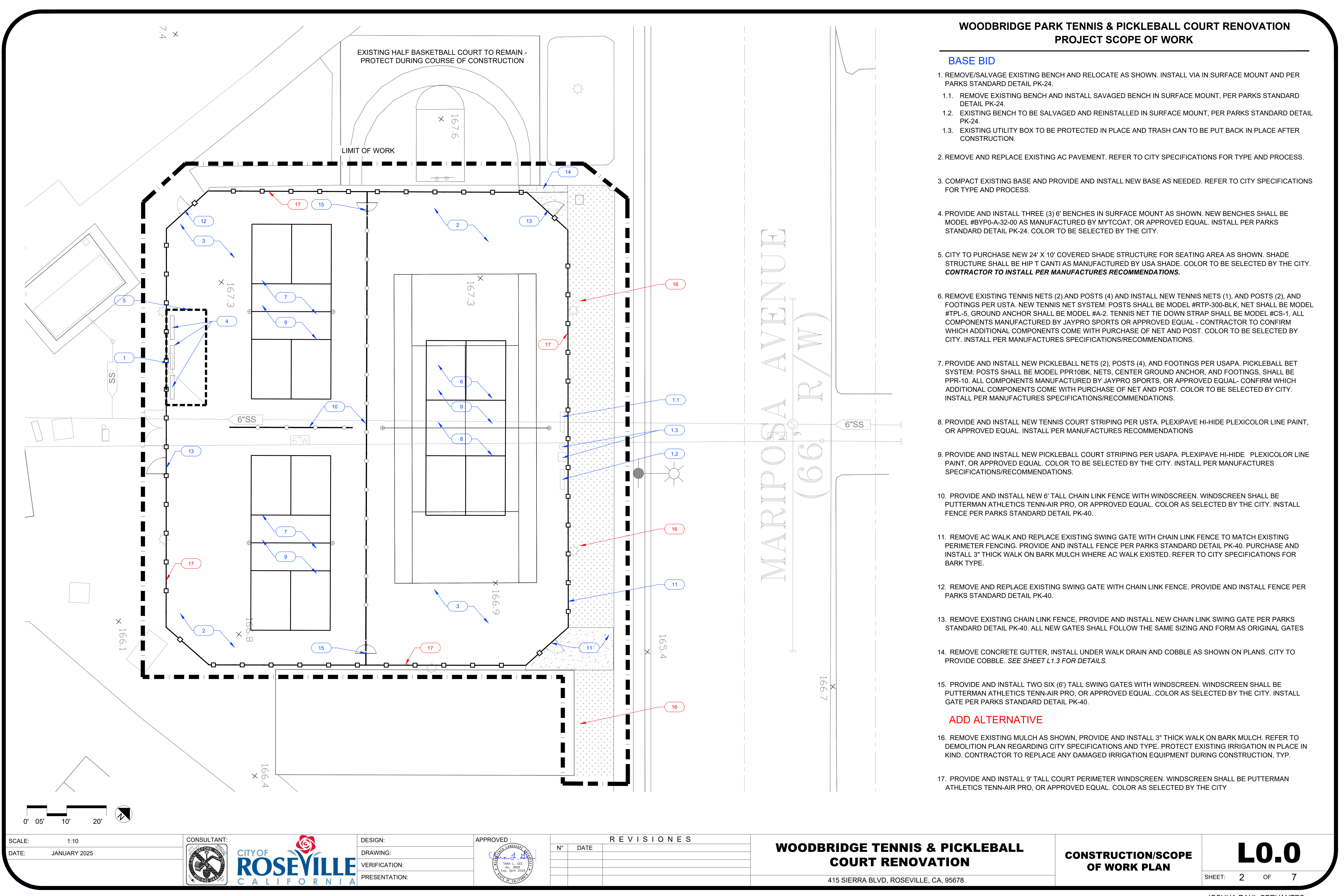
415 SIERRA BLVD, ROSEVILLE, CA, 95678

COVER PAGE

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SHEET: 1 OF 7

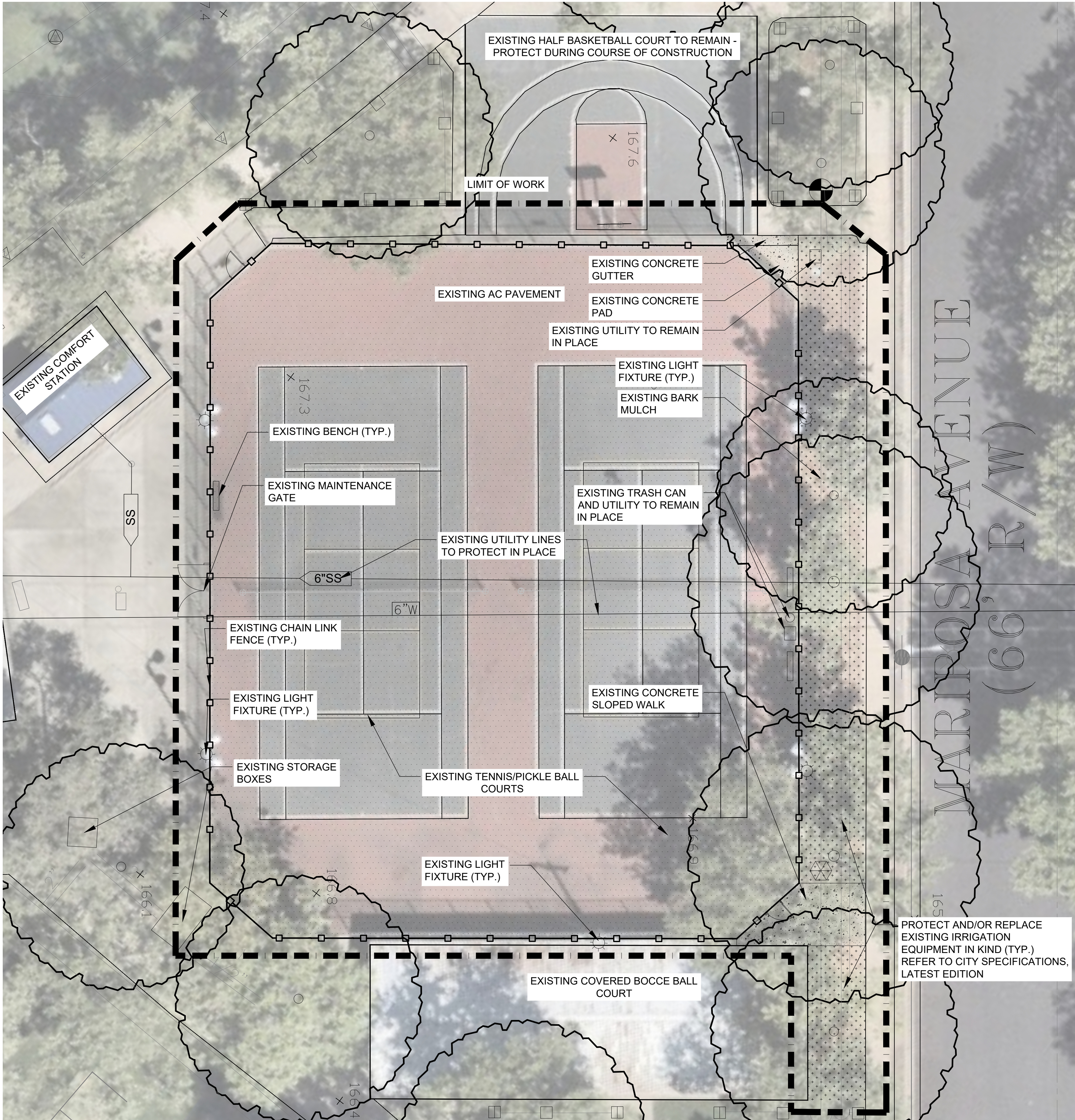
JOSHUA RAUL CERVANTES



WOODBRIDGE PARK TENNIS & PICKLEBALL COURT RENOVATION
PROJECT SCOPE OF WORK

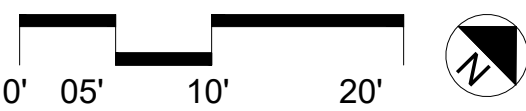
BASE BID

- REMOVE/SALVAGE EXISTING BENCH AND RELOCATE AS SHOWN. INSTALL VIA IN SURFACE MOUNT AND PER PARKS STANDARD DETAIL PK-24.
 - REMOVE EXISTING BENCH AND INSTALL SAVAGED BENCH IN SURFACE MOUNT, PER PARKS STANDARD DETAIL PK-24.
 - EXISTING BENCH TO BE SALVAGED AND REINSTALLED IN SURFACE MOUNT, PER PARKS STANDARD DETAIL PK-24.
 - EXISTING UTILITY BOX TO BE PROTECTED IN PLACE AND TRASH CAN TO BE PUT BACK IN PLACE AFTER CONSTRUCTION.
 - REMOVE AND REPLACE EXISTING AC PAVEMENT. REFER TO CITY SPECIFICATIONS FOR TYPE AND PROCESS.
 - COMPACT EXISTING BASE AND PROVIDE AND INSTALL NEW BASE AS NEEDED. REFER TO CITY SPECIFICATIONS FOR TYPE AND PROCESS.
 - PROVIDE AND INSTALL THREE (3) 6' BENCHES IN SURFACE MOUNT AS SHOWN. NEW BENCHES SHALL BE MODEL #BYPO-A-32-00 AS MANUFACTURED BY MYTCOAT, OR APPROVED EQUAL. INSTALL PER PARKS STANDARD DETAIL PK-24. COLOR TO BE SELECTED BY THE CITY.
 - CITY TO PURCHASE NEW 24' X 10' COVERED SHADE STRUCTURE FOR SEATING AREA AS SHOWN. SHADE STRUCTURE SHALL BE HIP T CANTI AS MANUFACTURED BY USA SHADE. COLOR TO BE SELECTED BY THE CITY. **CONTRACTOR TO INSTALL PER MANUFACTURES RECOMMENDATIONS.**
 - REMOVE EXISTING TENNIS NETS (2) AND POSTS (4) AND INSTALL NEW TENNIS NETS (1), AND POSTS (2), AND FOOTINGS PER USTA. NEW TENNIS NET SYSTEM: POSTS SHALL BE MODEL #RTP-300-BLK, NET SHALL BE MODEL #TPL-5, GROUND ANCHOR SHALL BE MODEL #A-2. TENNIS NET TIE DOWN STRAP SHALL BE MODEL #CS-1. ALL COMPONENTS MANUFACTURED BY JAYPRO SPORTS OR APPROVED EQUAL - CONTRACTOR TO CONFIRM WHICH ADDITIONAL COMPONENTS COME WITH PURCHASE OF NET AND POST. COLOR TO BE SELECTED BY CITY. INSTALL PER MANUFACTURES SPECIFICATIONS/RECOMMENDATIONS.
 - PROVIDE AND INSTALL NEW PICKLEBALL NETS (2), POSTS (4), AND FOOTINGS PER USAPA. PICKLEBALL BET SYSTEM: POSTS SHALL BE MODEL PPR10BK, NETS, CENTER GROUND ANCHOR, AND FOOTINGS, SHALL BE PPR-10. ALL COMPONENTS MANUFACTURED BY JAYPRO SPORTS, OR APPROVED EQUAL- CONFIRM WHICH ADDITIONAL COMPONENTS COME WITH PURCHASE OF NET AND POST. COLOR TO BE SELECTED BY CITY. INSTALL PER MANUFACTURES SPECIFICATIONS/RECOMMENDATIONS.
 - PROVIDE AND INSTALL NEW TENNIS COURT STRIPING PER USTA. PLEXIPAVE HI-HIDE PLEXICOLOR LINE PAINT, OR APPROVED EQUAL. INSTALL PER MANUFACTURES RECOMMENDATIONS
 - PROVIDE AND INSTALL NEW PICKLEBALL COURT STRIPING PER USAPA. PLEXIPAVE HI-HIDE PLEXICOLOR LINE PAINT, OR APPROVED EQUAL. COLOR TO BE SELECTED BY THE CITY. INSTALL PER MANUFACTURES SPECIFICATIONS/RECOMMENDATIONS.
 - PROVIDE AND INSTALL NEW 6' TALL CHAIN LINK FENCE WITH WINDSCREEN. WINDSCREEN SHALL BE PUTTERMAN ATHLETICS TENN-AIR PRO, OR APPROVED EQUAL. COLOR AS SELECTED BY THE CITY. INSTALL FENCE PER PARKS STANDARD DETAIL PK-40.
 - REMOVE AC WALK AND REPLACE EXISTING SWING GATE WITH CHAIN LINK FENCE TO MATCH EXISTING PERIMETER FENCING. PROVIDE AND INSTALL FENCE PER PARKS STANDARD DETAIL PK-40. PURCHASE AND INSTALL 3" THICK WALK ON BARK MULCH WHERE AC WALK EXISTED. REFER TO CITY SPECIFICATIONS FOR BARK TYPE.
 - REMOVE AND REPLACE EXISTING SWING GATE WITH CHAIN LINK FENCE. PROVIDE AND INSTALL FENCE PER PARKS STANDARD DETAIL PK-40.
 - REMOVE EXISTING CHAIN LINK FENCE, PROVIDE AND INSTALL NEW CHAIN LINK SWING GATE PER PARKS STANDARD DETAIL PK-40. ALL NEW GATES SHALL FOLLOW THE SAME SIZING AND FORM AS ORIGINAL GATES
 - REMOVE CONCRETE GUTTER, INSTALL UNDER WALK DRAIN AND COBBLE AS SHOWN ON PLANS. CITY TO PROVIDE COBBLE. *SEE SHEET L1.3 FOR DETAILS.*
 - PROVIDE AND INSTALL TWO SIX (6') TALL SWING GATES WITH WINDSCREEN. WINDSCREEN SHALL BE PUTTERMAN ATHLETICS TENN-AIR PRO, OR APPROVED EQUAL. COLOR AS SELECTED BY THE CITY. INSTALL GATE PER PARKS STANDARD DETAIL PK-40.
- ADD ALTERNATIVE**
- REMOVE EXISTING MULCH AS SHOWN, PROVIDE AND INSTALL 3" THICK WALK ON BARK MULCH. REFER TO DEMOLITION PLAN REGARDING CITY SPECIFICATIONS AND TYPE. PROTECT EXISTING IRRIGATION IN PLACE IN KIND. CONTRACTOR TO REPLACE ANY DAMAGED IRRIGATION EQUIPMENT DURING CONSTRUCTION, TYP.
 - PROVIDE AND INSTALL 9' TALL COURT PERIMETER WINDSCREEN. WINDSCREEN SHALL BE PUTTERMAN ATHLETICS TENN-AIR PRO, OR APPROVED EQUAL. COLOR AS SELECTED BY THE CITY



EXISTING CONDITONS SCHEDULE

SYMBOL	QTY	NAME / ITEM	REMARKS
	APPROX. 11,860 SQ. FT.	EXISTING AC PAVEMENT	EXISTING AC COURT PAVEMENT WITH CRACKS
	APPROX. 260 SQ. FT.	EXISTING CONCRETE	EXISTING CONCRETE WITHIN THE SCOPE OF WORK
	APPROX. 1,500 SQ. FT.	EXISTING BARK MULCH	EXISTING MULCH WITHIN THE SCOPE OF WORK
	5	EXISTING LIGHT FIXTURES TO REMAIN	LIGHT FIXTURES TO BE PROTECTED IN PLACE
	3	EXISTING CHAIN LINK SWING GATES	REFER TO DEMO PLAN FOR CHAIN LINK SWING GATE REMOVAL LOCATIONS
	12	EXISTING TREES TO REMAIN	TREES TO BE PROTECTED IN PLACE
	-	EXISTING UTILITY LINE	PROTECT IN PLACE
	-	EXISTING WATER LINE	PROTECT IN PLACE



SCALE: 1:10
DATE: JANUARY 2025

CONSULTANT:



DESIGN:

DRAWING:

VERIFICATION:

PRESENTATION:

APPROVED :



REVISIONES

Nº	DATE	

WOODBIDGE TENNIS & PICKLEBALL COURT RENOVATION

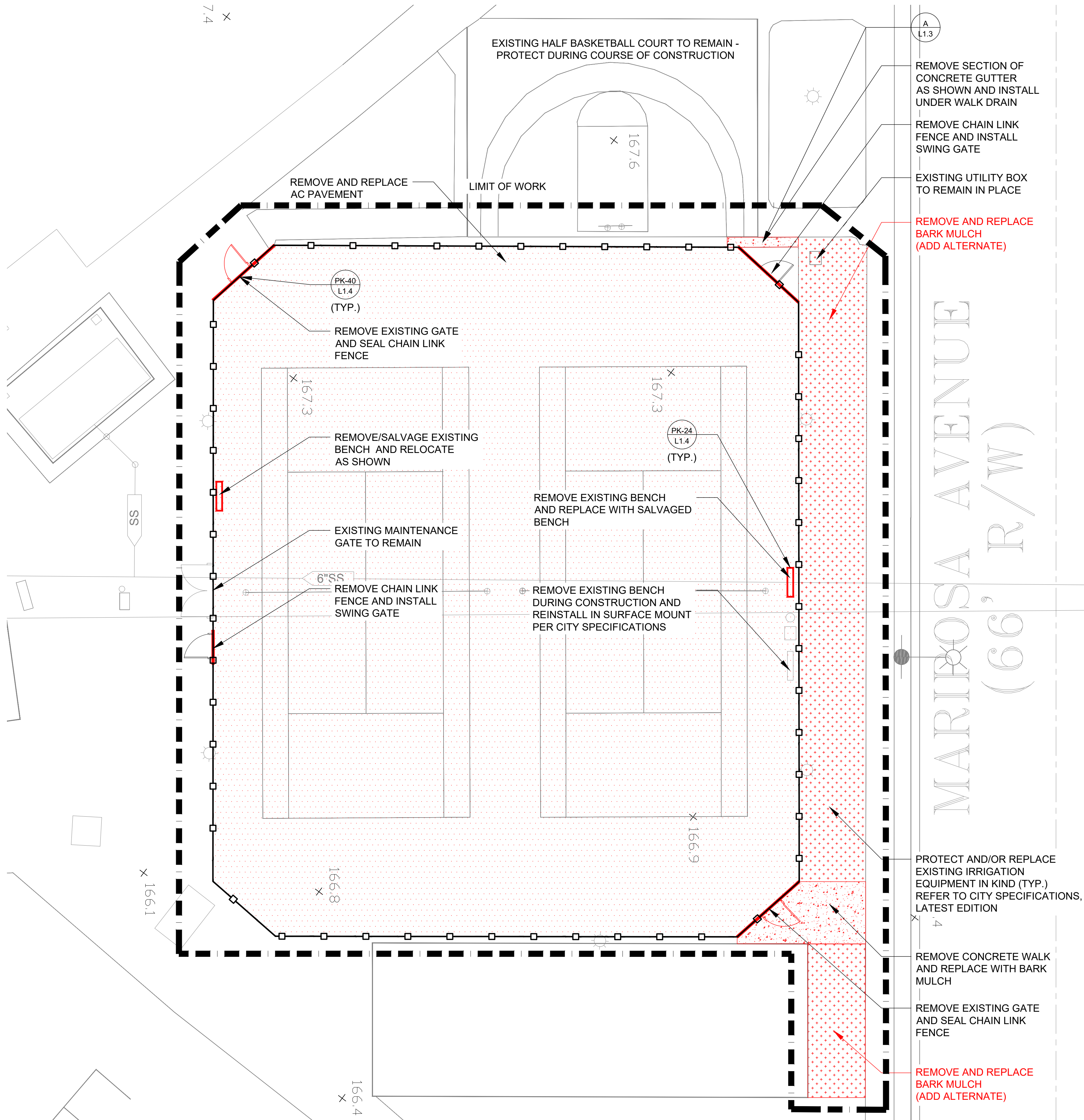
415 SIERRA BLVD, ROSEVILLE, CA, 95678

EXISTING CONDITIONS PLAN

L1.0

SHEET: 3 OF 7

JOSHUA RAUL CERVANTES



DEMO SCHEDULE

DEMO SYMBOL	QTY	NAME / ITEM	REMARKS
	APPROX. 11,860 SQ. FT.	REMOVE AND REPLACE EXISTING AC PAVEMENT.	PROVIDE AND INSTALL MULTI-PART ACRYLIC COLOR AND SURFACING SYSTEM, PLEXIPAVE SYSTEM AS MANUFACTURED BY CALIFORNIA SPORTS SURFACES, OR EQUAL, OVER 2-1/2" AC PAVING. AC PAVING TO BE PLACED IN 2 LIFTS
	APPROX. 208 SQ. FT.	REMOVE CONCRETE	REMOVE EXISTING CONCRETE AND REPLACE WITH ELEMENTS PER SCOPE OF WORK PLAN
	APPROX. 1,500 SQ. FT.	REMOVE AND REPLACE EXISTING WALK ON MULCH	REFER TO BARK MULCH NOTES FOR SPECIFICATIONS
	APPROX. 50 L.F.	REMOVE EXISTING SECTIONS OF CHAIN LINK FENCE	REPLACE WITH ACCESS GATE AS SHOWN IN SCOPE OF WORK PLAN
	2	REMOVE EXISTING SWING GATE	REPLACE WITH CHAIN LINK FENCE AS SHOWN IN SCOPE OF WORK PLAN
	1	REMOVE/REPLACE BENCH	REMOVE EXISTING BENCH AS SHOWN AND REPLACE WITH SALVAGED BENCH AS SHOWN ON SCOPE OF WORK PLAN

DETAIL #
SHEET #

BARK MULCH NOTES*

APPLY THREE (3") INCHES OF BARK MULCH IN AREAS AS SHOWN - KEEP MULCH A MINIMUM OF FOUR (4") INCHES AWAY FROM EXISTING TREE TRUNKS. TAPER MULCH PROFILE AWAY FROM TREE TRUNK TO AVOID SUBSEQUENT COLLECTION.

CONTRACTOR MUST RECEIVE AN APPROVED SUBMITTAL PRIOR TO INSTALLATION

BARK MULCH TO BE:

A.A. REGULAR "WALK-ON" FIR BARK AS MANUFACTURED BY REDI-GRO CORPORATION, SACRAMENTO, CA (916) 381-6063, MALLARD CREEK, INC. ROCKLIN, CA (916) 645-1681, MY BARK COMPANY, INC., LINDEN, CA (209) 649-4250 OR ACCEPTED EQUAL.

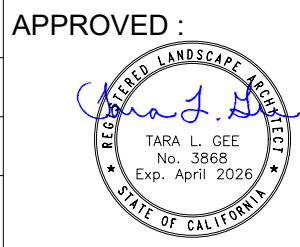
B.B. DECORATIVE BARK, SHREDDED LUMBER OR SAW DUST, AND CONSTRUCTION DEBRIS ARE NOT PERMITTED. THE MULCH MUST BE FREE OF NEEDLES.

SCALE: 1:10
DATE: JANUARY 2025



CITY OF
ROSEVILLE
CALIFORNIA

DESIGN:
DRAWING:
VERIFICATION:
PRESENTATION:



REVISIONS	
Nº	DATE

WOODBIDGE TENNIS & PICKLEBALL
COURT RENOVATION

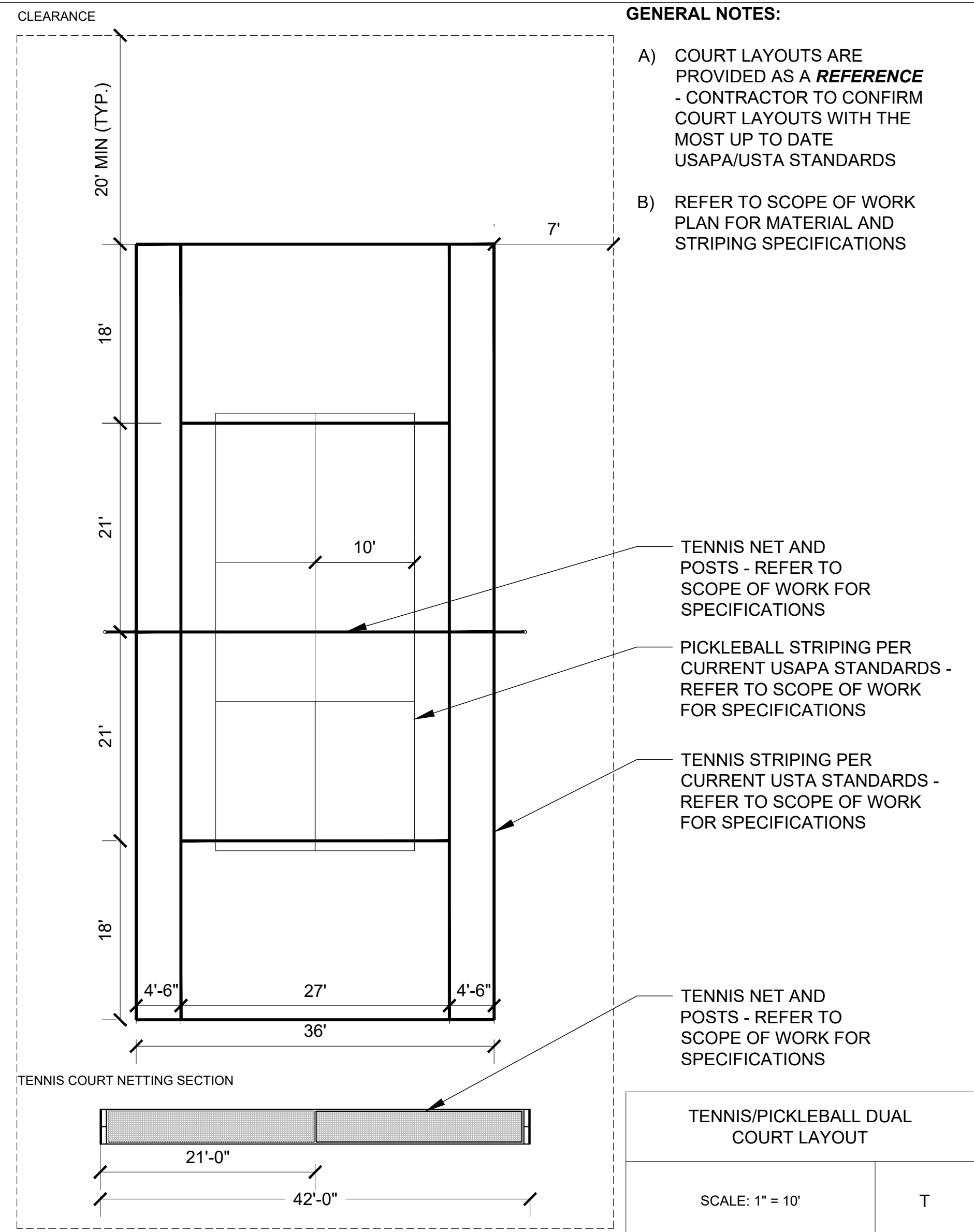
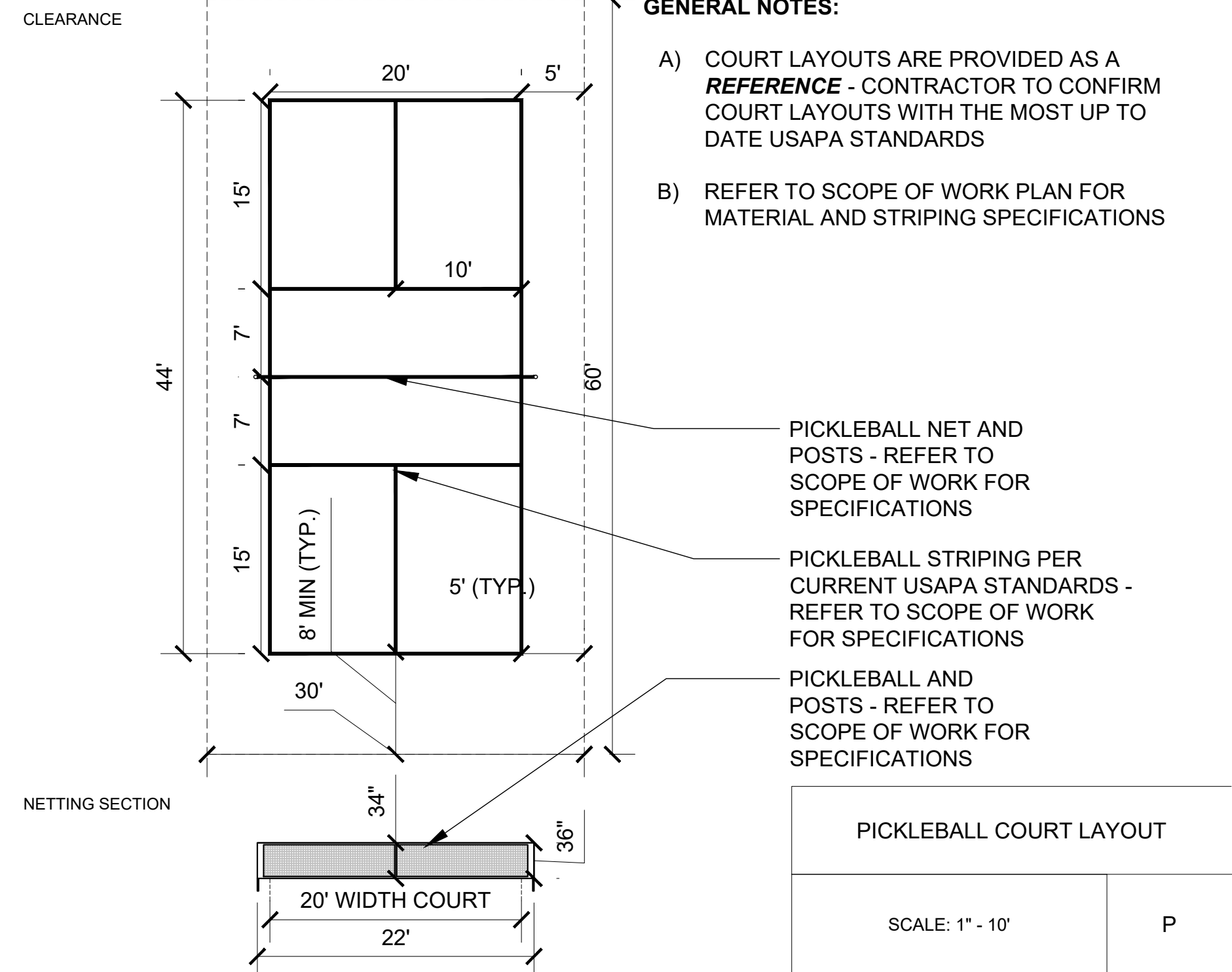
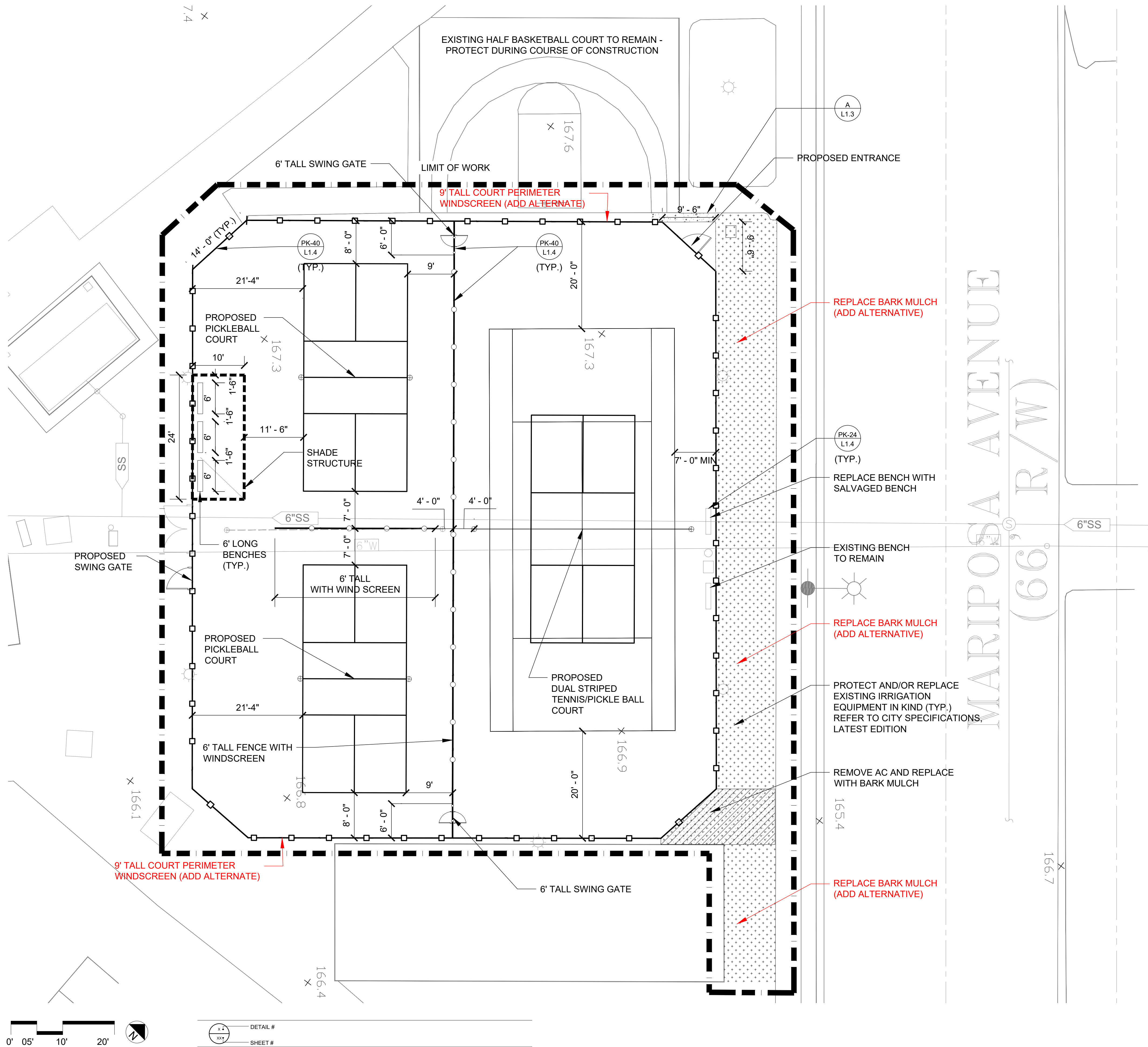
415 SIERRA BLVD, ROSEVILLE, CA, 95678

DEMO PLAN

L1.1

SHEET: 4 OF 7

JOSHUA RAUL CERVANTES



SCALE: 1:10
DATE: JANUARY 2025



CITY OF
ROSEVILLE
CALIFORNIA

DESIGN:
DRAWING:
VERIFICATION:
PRESENTATION:



REVISIONS	
Nº	DATE

WOODBIDGE TENNIS & PICKLEBALL COURT RENOVATION

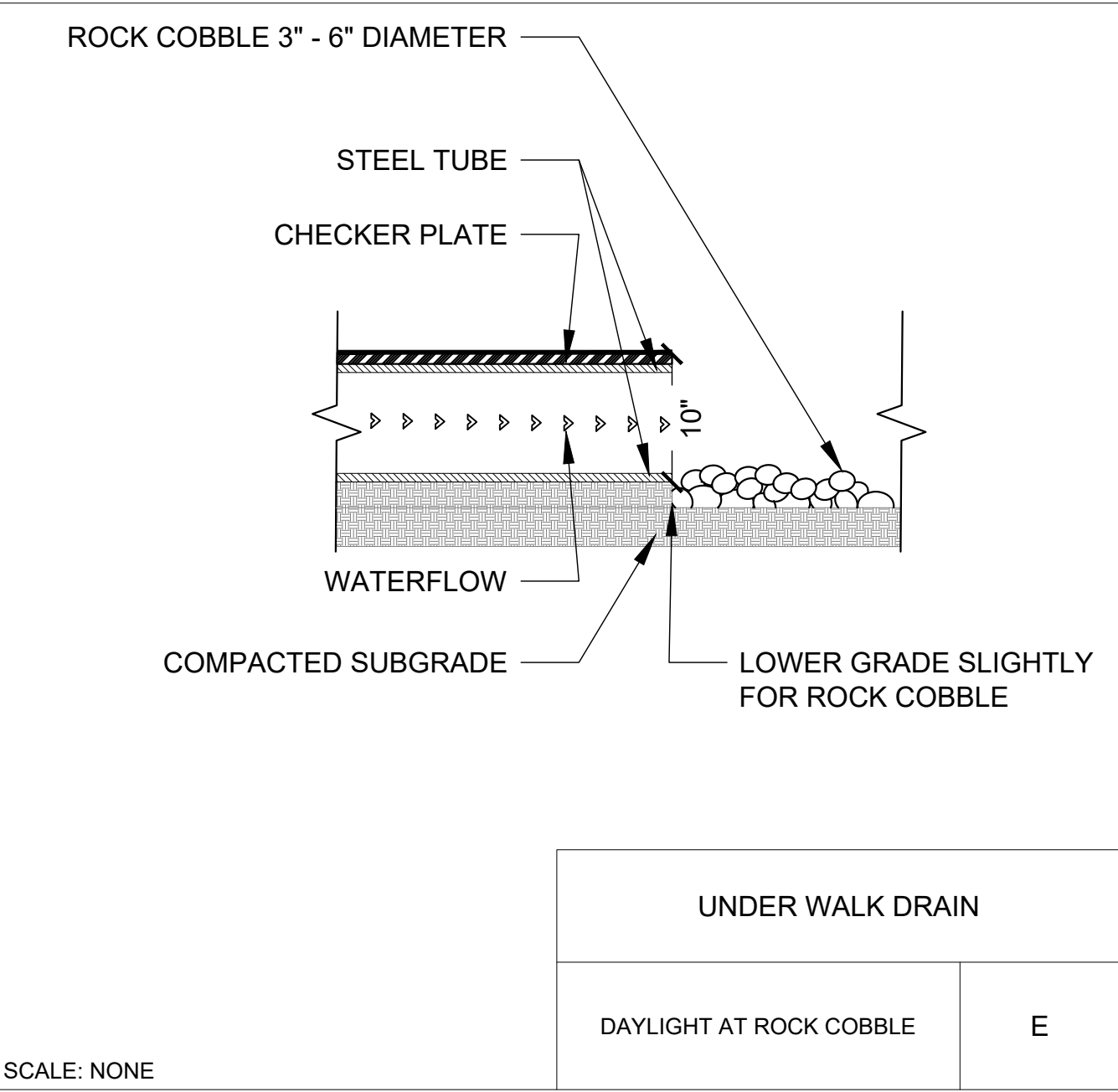
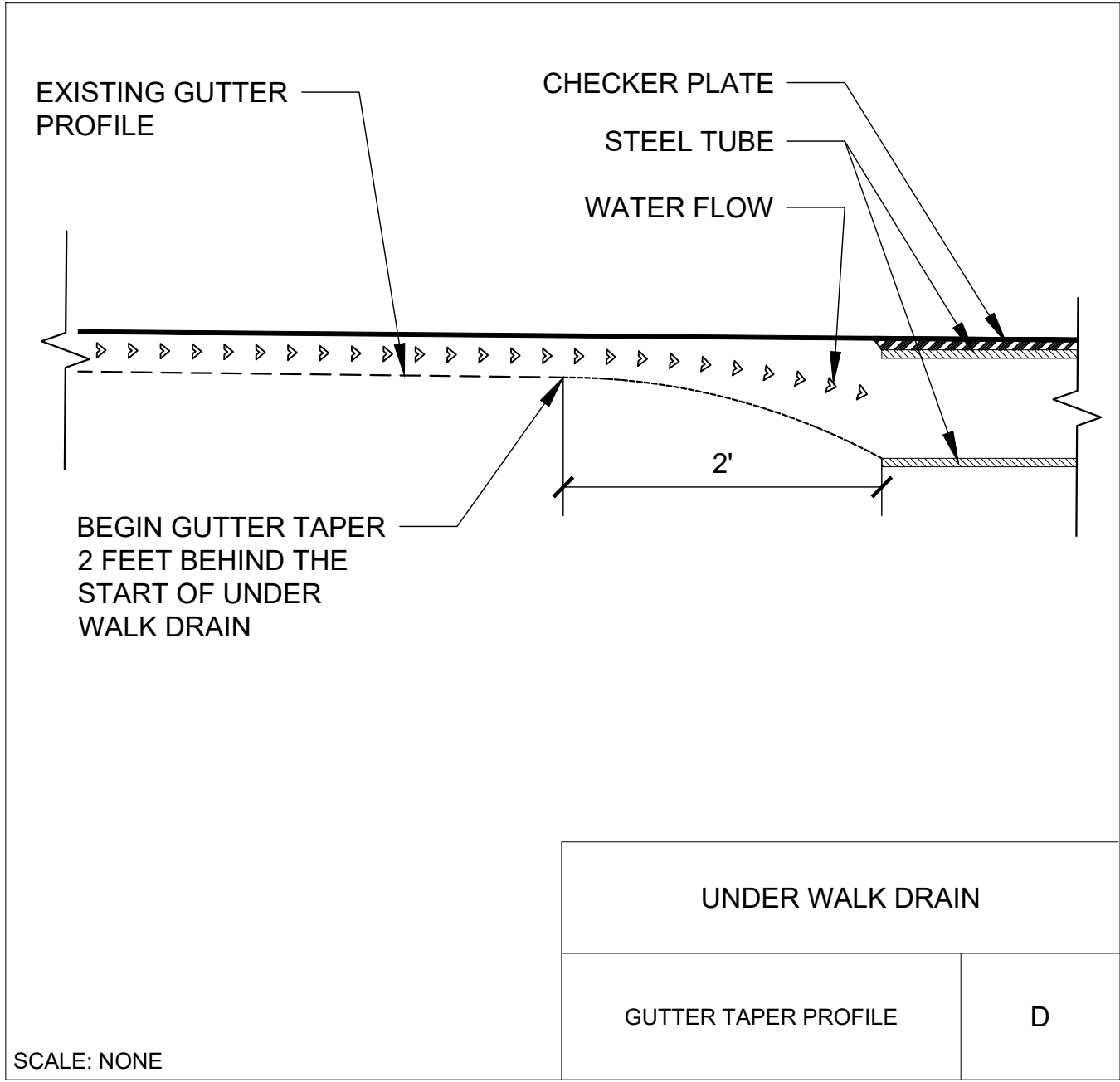
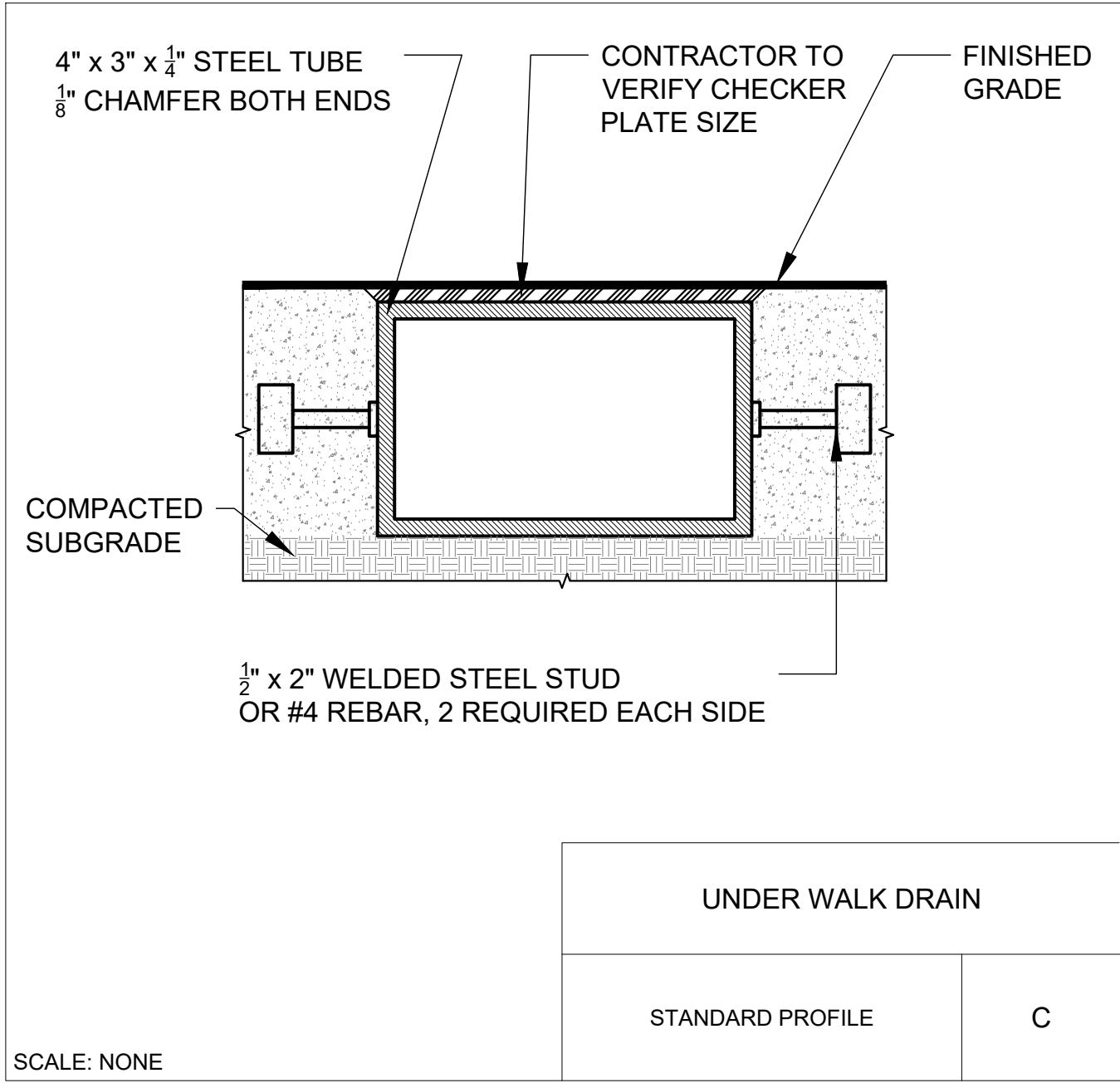
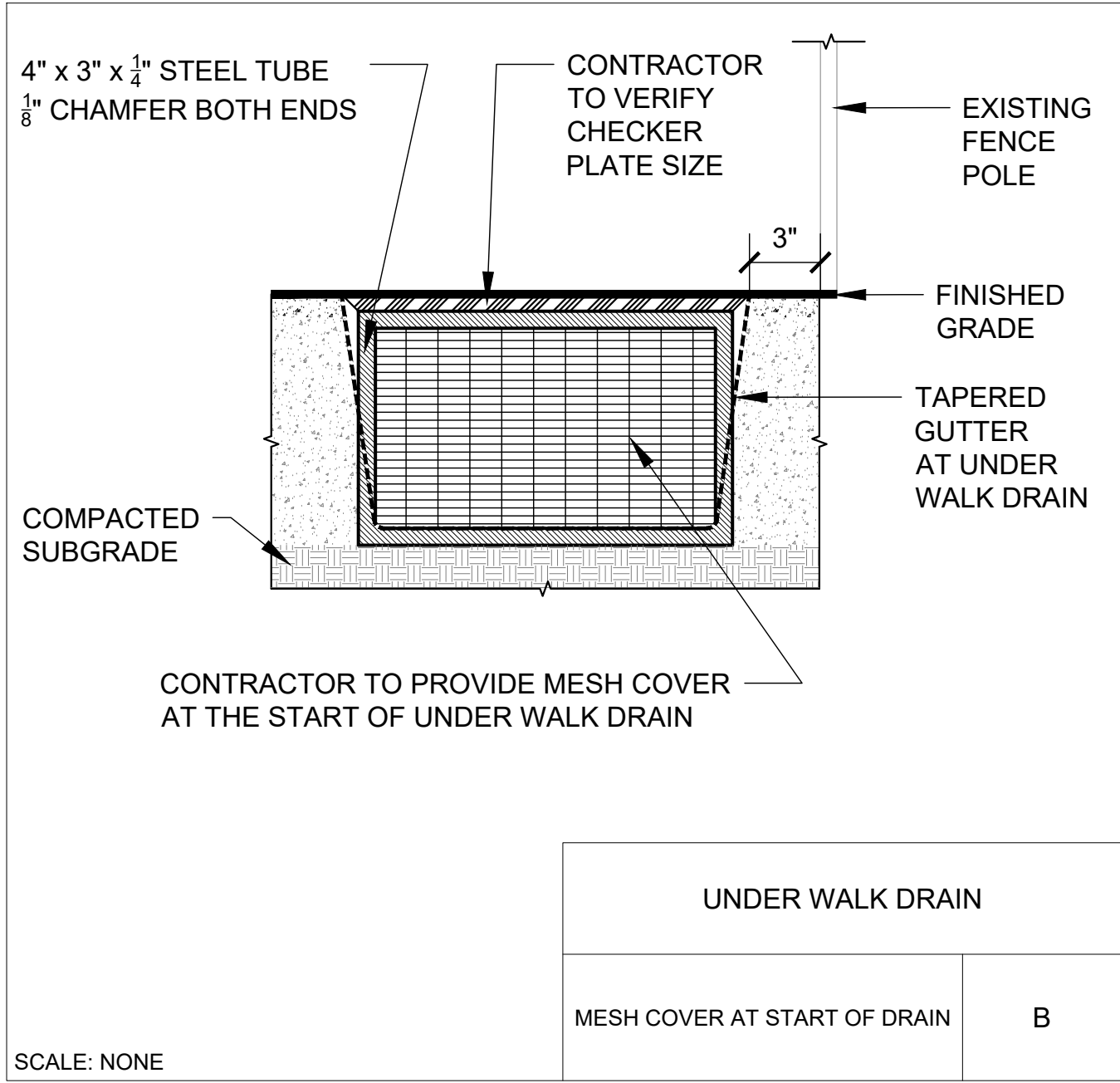
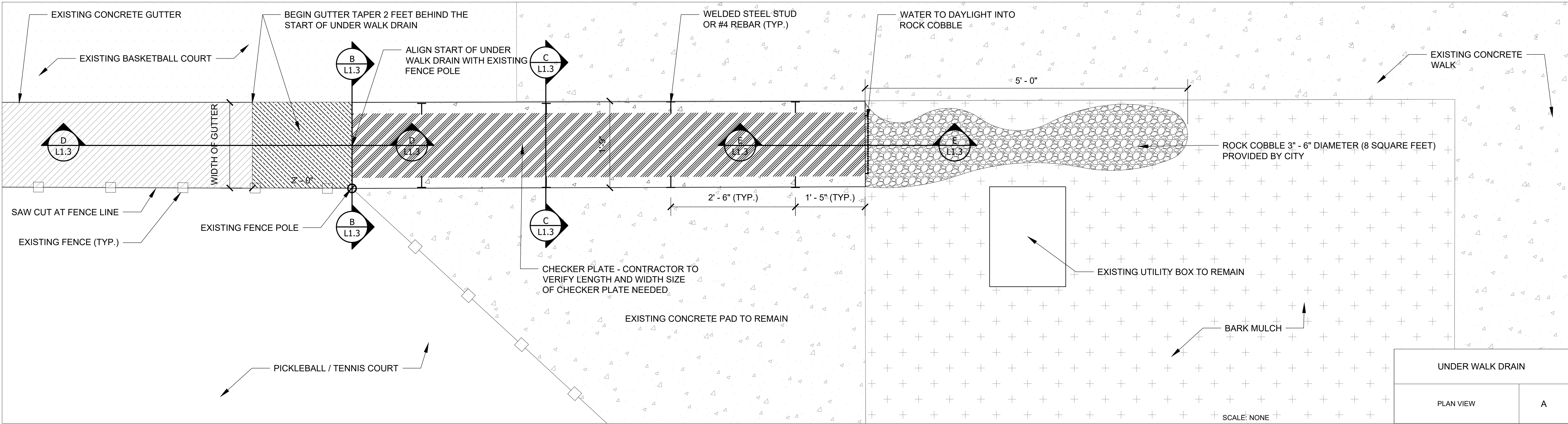
415 SIERRA BLVD, ROSEVILLE, CA, 95678

LAYOUT PLAN

L1.2

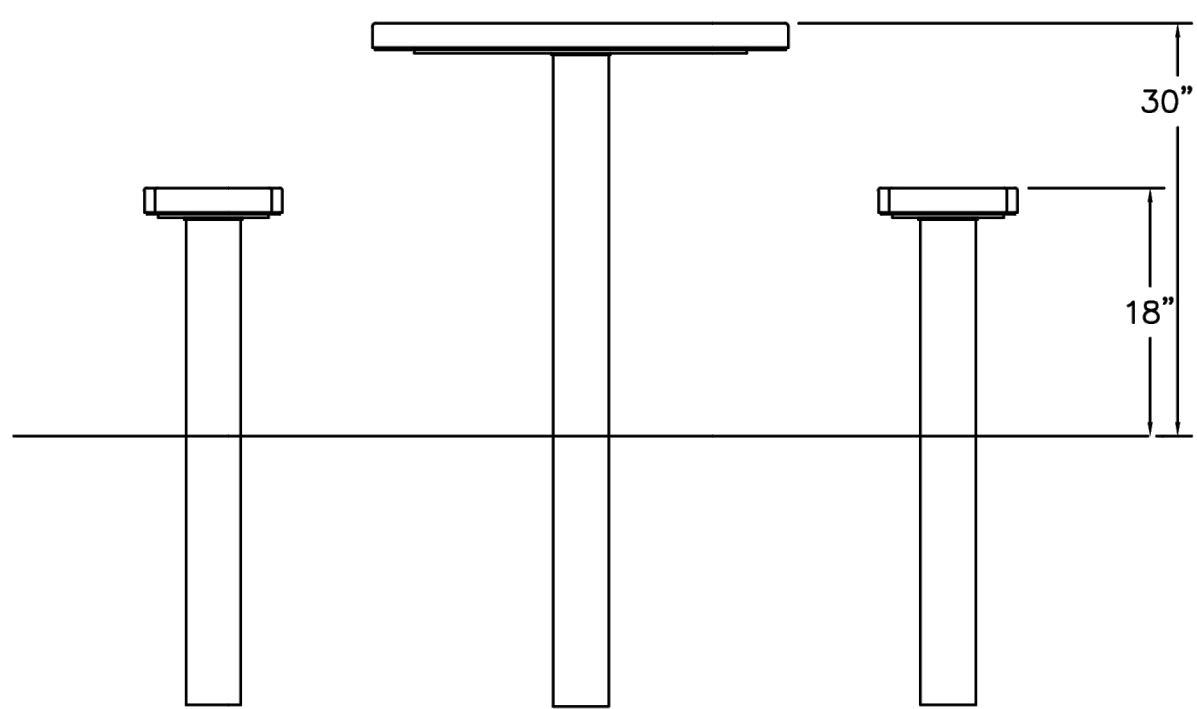
SHEET: 5 OF 7

JOSHUA RAUL CERVANTES

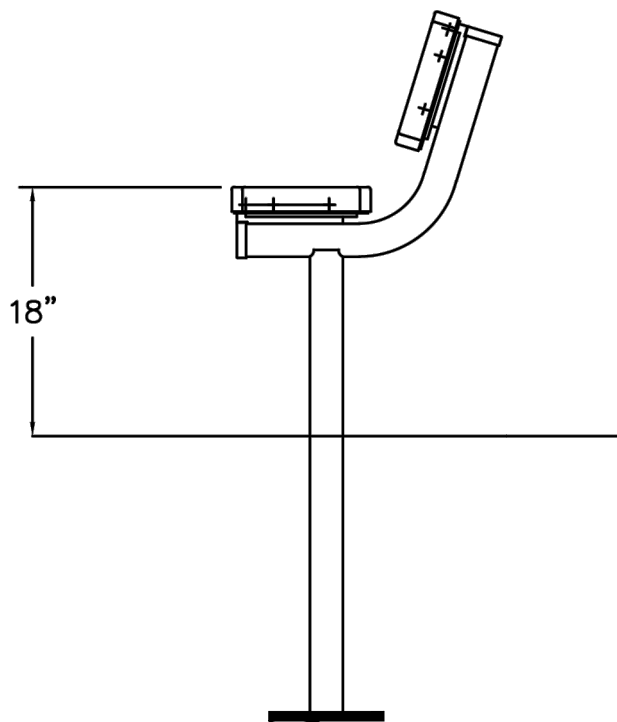


GENERAL NOTES:

- A) CONTRACTOR TO VERIFY LENGTH / WIDTH OF UNDER WALK DRAIN AND CHECKER PLATE NEEDED TO FIT IN PLACE OF EXISTING GUTTER. ORDER CUSTOM SIZING AS NEEDED UPON CITY APPROVAL.
- B) REMOVER EXISTING GUTTER TWO (2) FEET BEHIND EXISTING GATE POLE AND TAPER NEW CONCRETE GUTTER TO BOTTOM OF UNDER WALK DRAIN AS SHOWN.
- C) ALL HARDWARE SHALL BE GALVANIZED PER CALTRANS SPECIFICATIONS
- D) UNDER WALK DRAIN MATERIALS SHALL FOLLOW MOST UP TO DATE CITY OF ROSEVILLE PARKS SPECIFICATIONS AND APPROVED BY THE CITY OF ROSEVILLE PARKS, RECREATION, AND LIBRARIES DEPARTMENT PRIOR TO INSTALL
- E) CONTRACTOR TO PROVIDE ALL UNDER WALK DRAIN MATERIALS



TABLE

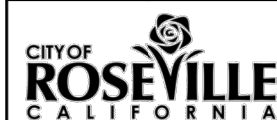


BENCH

INSTALL IN SURFACE MOUNT
PER MANUFACTURES
RECOMMENDATIONS

Jill Geller
JILL GELLER, CPRE

PARKS, RECREATION & LIBRARIES DIRECTOR



PARKS, RECREATION, & LIBRARIES
DEPARTMENT

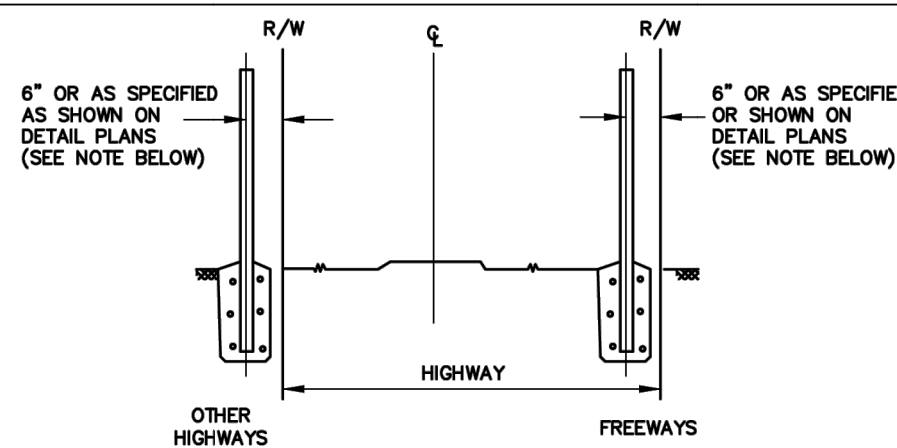
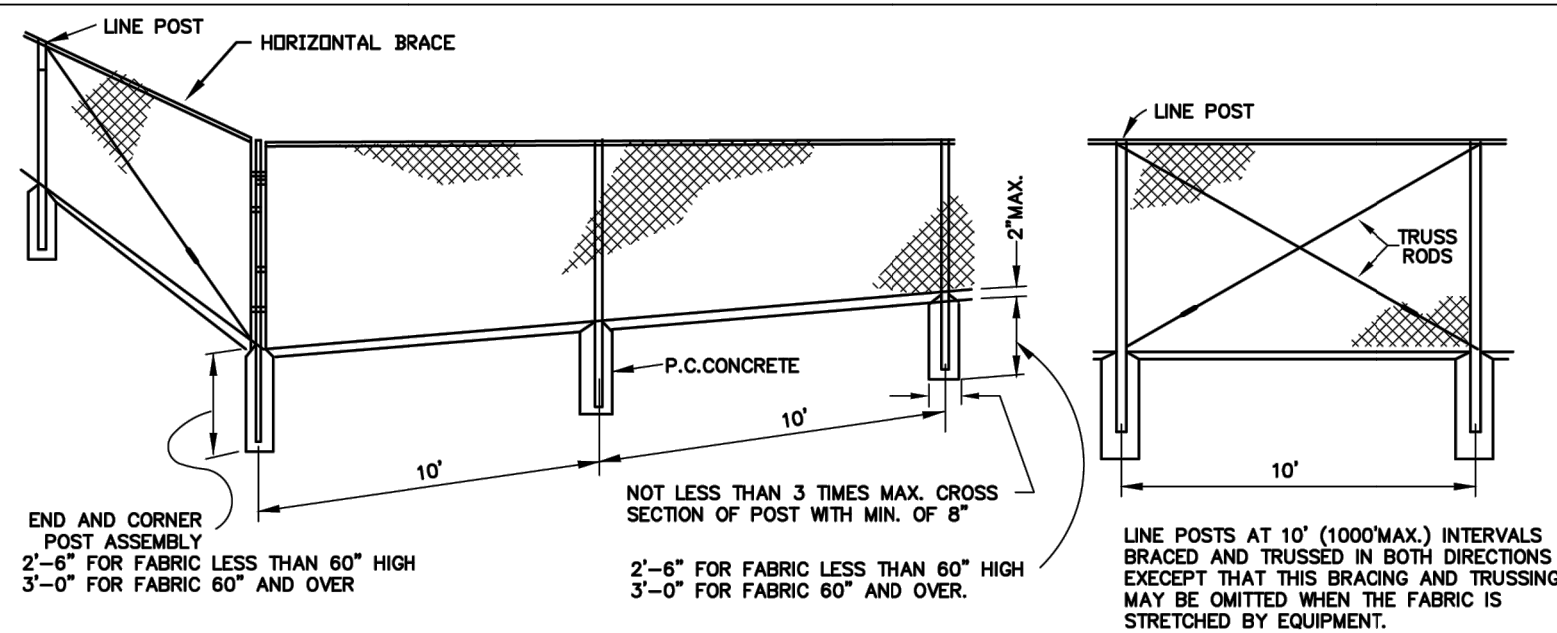
PICNIC TABLE AND BENCH INSTALLATION HEIGHTS

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

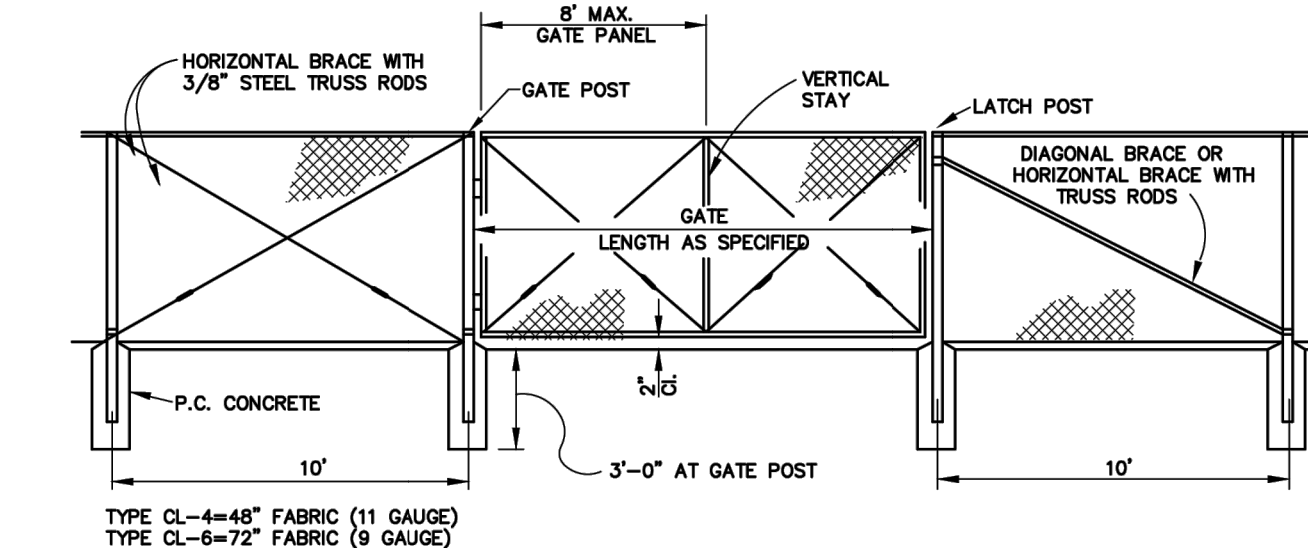
PK-24

NOTES

1. INSTALL FOOTINGS PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL PLUMB AND LEVEL.
3. INSTALLATION HEIGHTS:
TABLE (TOP)- 28" MIN. - 34" MAX. PREFER 30" AT MID-POINT.
-MAINTAIN 27" MIN. CLEAR SPACE TO BOTTOM OF TABLE
BENCH (TOP)- 17" MIN. - 19" MAX. PREFER 18" AT MID-POINT.



NOTES
1. OFFSET TO BE 2'-0" AT MONUMENT LOCATIONS,
MEASURED AT RIGHT ANGLES TO R/W LINES.
TAPER TO ACHIEVE OFFSET TO BE AT LEAST 20' LONG.
FENCE LOCATION



FENCE HEIGHT	TYPICAL MEMBER DIMENSIONS									
	LINE POSTS			END, LATCH & CORNER POSTS			BRACES			
	ROUND (I.D.)	H	ROLL FORMED	ROUND (I.D.)	ROLL FORMED	ROUND (I.D.)	H	ROLL FORMED	ROLL FORMED	ROLL FORMED
6' AND LESS	1-1/2"	1-7/8" X 1-5/8"	2" X 1-3/4"	2"	3-1/2" X 3-1/2"	1-1/4"	1-1/2" X 1-5/16"	1-5/8" X 1-1/4"	1-3/4" X 1-1/4"	1-3/4" X 1-1/4"
OVER 6'	2"	2-1/4" X 2"	2" X 1-3/4"	2-1/2"	3-1/2" X 3-1/2"	1-1/4"	1-1/2" X 1-5/16"	1-5/8" X 1-1/4"	1-3/4" X 1-1/4"	1-3/4" X 1-1/4"

- NOTES
1. THE ABOVE TABLE SHOWS EXAMPLES OF POST AND BRACE SECTIONS WHICH MAY COMPLY WITH THE SPECIFICATIONS.
 2. SECTIONS SHOWN IN THE TABLES MUST ALSO COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS.
 3. OTHER SECTIONS WHICH COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS MAY BE USED ON APPROVAL OF THE ENGINEER.
 4. OPTIONS EXERCISED SHALL BE UNIFORM ON ANY ONE PROJECT.
 5. DIMENSIONS SHOWN ARE NOMINAL.

FENCE HEIGHT	GATE POST				FENCE HEIGHT	GATE POST			
	GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FOOT			GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FOOT	
6'-0" AND LESS	UP THRU 6'	2-1/2"	4.85		6'	UP THRU 6'	3"	7.58	
	OVER 6' THRU 12'	4"	10.79			OVER 6' THRU 12'	5"	14.62	
	OVER 12' THRU 18'	5"	14.62			OVER 12' THRU 18'	6"	18.97	
	OVER 18' TO 24' MAX.	6"	18.97			OVER 18' TO 24' MAX.	8"	28.55	

- NOTES
1. ABOVE POST DIMENSIONS AND WEIGHTS ARE MINIMUMS. LARGER SIZES MAY BE USED ON APPROVAL OF ENGINEER.

Jill Geller
JILL GELLER, CPRE

PARKS, RECREATION & LIBRARIES DIRECTOR



PARKS, RECREATION, & LIBRARIES
DEPARTMENT

CHAIN LINK FENCE

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-40

SCALE: NONE
DATE: JANUARY 2025

CONSULTANT:



DESIGN:
DRAWING:
VERIFICATION:
PRESENTATION:

APPROVED:



REVISIONS

N°	DATE	

WOODBIDGE TENNIS & PICKLEBALL COURT RENOVATION

415 SIERRA BLVD, ROSEVILLE, CA, 95678

ADDITIONAL DETAILS

L1.4

SHEET: 7 OF 7

JOSHUA RAUL CERVANTES



Project Manual for the

Woodbridge Park Tennis & Pickleball Court Renovations Project

February 2025

The latest edition of the City of Roseville Parks Construction Standards are incorporated by reference as a part of this Project Manual. The Parks Construction Standards are available at www.roseville.ca.us/parksintheworks.

Parks, Recreation & Libraries
316 Vernon Street, Suite 400
Roseville, California 95678
www.roseville.ca.us



Notice to Bidders

DATE: March 20, 2025

TO: Prospective Bidders

FROM: Joshua Cervantes, Park Development Project Manager

RE: Woodbridge Park Tennis & Pickleball Court Renovation Project

Project Description: The City of Roseville is now accepting bid proposals for the Woodbridge Park Tennis & Pickleball Court Renovations Project. The scope of work for the base bid includes replacing the courts foundational slab, installing new striping and equipment, color-coat resurfacing the court area, upgrading entrances to ensure ADA compliance, adding new benches, and the installation of a new shaded seating area. Add Alternatives for this project includes installation of protective windscreens around the perimeter of the existing tennis/pickleball court, and for the removal and installation of new bark mulch along the tennis/pickleball frontage along Mariposa Street.

Contract Documents: A Project Manual, including all Contract Documents and the Proposal forms for bidding this project, may be obtained online from the City of Roseville's website at www.roseville.ca.us/business/procurement_services/bids_rfps. All communications relative to this project shall be conducted through Public Purchase.

Potential bidders are advised to obtain all documents and specifications related to this project directly from the City of Roseville. The City of Roseville does not guarantee the accuracy of any forms, plans, or project manuals obtained through outside sources other than the City of Roseville. Furthermore, the City does not guarantee the distribution of any addendums or the accuracy of their content if obtained from a third party.

Bidders expressly assume the risk that their bid will be rejected from the use of project manuals or project plans obtained from third parties other than the City of Roseville.

Engineer's Estimate: The engineer's estimate for construction of the base bid items is \$265,000

Pre-Bid Meeting: Not Applicable

Questions: The deadline for submission of questions and clarifications regarding the Contract Documents is 4/2/2025. In order to meet the required timeline to issue addenda, questions will not be accepted after this date. Only Addenda issued by the City are binding. All questions shall be directed to the attention of Joshua Cervantes via Public Purchase at <https://roseville.ca.us/rfp>.

Bid Deadline: Proposals will be received at the Office of the City Clerk, 311 Vernon Street, Roseville, California, until 3:00 p.m. on 4/15/2025. The proposals will be publicly opened and read by the City Clerk or designee of the City of Roseville in the City Clerk's Office at 3:05 p.m. on that same day.

The July 2023 edition of the City of Roseville Parks Construction Standards will be applicable to this project. The successful bidder will be required to use the standards contained in the book for the construction of this project.



Parks, Recreation & Libraries
Park Development
316 Vernon Street, Suite 400
Roseville CA 95678

Notice to the apparent low bidder for the Woodbridge Park Tennis & Pickleball Renovation Project

In order to move forward with the award of this project, the City of Roseville requests that you submit the following documents:

1. Agreement (two sets of originals, single-side print) with either:
 - wet signatures from two corporate officers*, or
 - wet signature from one corporate officer **plus** the corporate seal

** In accordance with Section 313 of the California Corporations Code, any document executed by a corporation requires the signature from at least one person from EACH of the following two groups:*

GROUP ONE

Chairman of the Board
President
Vice President

GROUP TWO

Secretary
Assistant Secretary
Chief Financial Officer
Assistant Treasurer

If an officer holds a title in each of the above groups (dual title), that officer may sign for each of the two groups by two separate signatures with the appropriate title listed with his or her signature.

2. Public Works Faithful Performance Bond – fully executed and notarized
3. Public Works Labor and Materials Payment Bond – fully executed and notarized
4. Insurance Certificates – e-mailed to roseville@ebix.com and jdejong@roseville.ca.us

We request that all documents be received by **April 17, 2025**.

Please contact us if you are unable to meet this deadline.

Send completed forms to:

City of Roseville - Parks, Recreation & Libraries Department
Attn: Joshua Cervantes
316 Vernon Street, Suite 400
Roseville CA 95678

The Parks, Recreation & Libraries Department requires submittal of all of the above executed documents prior to City Council bid award.

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Insurance Broker Information Packet	INS
General Conditions for Buildings and Grounds	GC
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Specifications	SPEC
Drawings	DRAW
Assembly Bill No. 626	AB 626

CITY OF ROSEVILLE

DEPARTMENT OF PARKS, RECREATION, & LIBRARIES

Name of Project: Woodbridge Park Tennis & Pickleball Court Renovation

NOTICE TO CONTRACTORS

NOTICE IS HEREBY GIVEN THAT sealed Proposals will be received at the Office of the City Clerk, 311 Vernon Street, Roseville, California, until April 15, 2025 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 April 15, 2025 at the Office of the City Clerk located at 311 Vernon Street, Roseville California for the following project: Woodbridge Park Tennis & Pickleball Court Renovation.

A pre-bid meeting will be held at (Not Applicable).

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. 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, 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 **A, General Engineering** 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 5 “Legal Relations and Responsibility” of the General Conditions.

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.

Vehicles with a GVWR greater than 8,500 lbs. and light – duty package delivery vehicles operated in California may be subject to the California Air Resources Board Advanced Clean Fleets regulations. Such vehicles may therefore be subject to requirements to reduce emissions and air pollutants. For more information, please visit the CARB Advanced Clean Fleets

webpage at <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>. In addition, certain off-road diesel vehicles may be subject to the CARB In-Use Off-Road Diesel-Fueled Fleets Regulation. For more information, please visit the CARB In-Use Off-Road Diesel-Fueled Fleets Regulation webpage at <https://ww2.arb.ca.gov/our-work/programs/use-road-diesel-fueled-fleets-regulation>.

All questions prior to the deadline for bid submissions shall be directed to the attention of **Joshua Cervantes** via **email** at **JRCervantes@roseville.ca.us**. The deadline for submissions of questions and clarifications regarding the Contract Documents is 7 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 the General Conditions 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 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 General Conditions, 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 General Conditions, 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.

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

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 General Conditions, 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 General Conditions. 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.

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

PROPOSAL TO THE DEPARTMENT OF PARKS, RECREATION, AND LIBRARIES

Project: Woodbridge Park Tennis & Pickleball Court Renovations

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: _____

City of Roseville Business License No. _____

The undersigned Bidder hereby 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, Specifications, General Conditions, 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 Woodbridge Park Tennis & Pickleball Court Renovation, 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.]

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

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/ TYPE OF WORK	% OF CONTRACT	SUB- CONTRACTOR'S NAME	CONTRACTOR LICENSE NO.	DIR REG NO.	BUSINESS ADDRESS (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.

(Signature of Bidder)

Business Address

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

(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.

Contractor _____

SCHEDULE OF BID ITEMS

The bidder, in compliance with the published Notice to Contractors, having examined the Plans and Specifications, any and all addenda, any related documents, and all of the sites of the proposed work, and being familiar with all the conditions surrounding the construction of the proposed project, including the availability of material, hereby proposes to furnish all labor, materials, and supplies, and to construct the project in accordance with the Contract Documents, within the time period set forth therein, and at the prices stated. This is a lump sum bid project. These prices are to include all labor, materials, supplies, and all other expenditures incidental to complete compliance to the Contract Documents.

The work to be included in the Contract shall be determined by the City prior to award of Contract. **The amount of the bid for comparison and award purposes shall be the total amount set forth in the "Grand Total Bid Price"**. The City reserves the right to award none, all or selected add alternates as the budget permits.

BASE BID:

Base bid includes all work as shown on the plans, project manual, and addenda to construct the **Woodbridge Park Tennis & Pickleball Court Renovation Project**.

Numerical **Base Bid**: \$ _____

Written **Base Bid**: _____ dollars and _____

Add Alternates:

Add Alternate 1: Installation of protective windscreens around the perimeter of the existing tennis/pickleball court.

Numerical Total Bid: \$ _____

Written Total Bid: _____ dollars and _____

Add Alternate 2: Removal and Installation of new bark mulch along tennis/frontage along Mariposa Street.

Numerical Total Bid: \$ _____

Written Total Bid: _____ dollars and _____

GRAND TOTAL BID PRICE:

Lump Sum Base Bid plus Add Alternates 1 and 2

Numerical **Grand Total Bid Price:** \$ _____

Written **Grand Total Bid Price:** _____ dollars and _____

The additions/deletions sheets (PROP-10C through PROP-10D) are required to be submitted with the proposal and shall be completed in their entirety. The additions/deletions sheets will not be considered for bid award, but may be used for contract change orders.

Contractor Name (print or type): _____

Signature (by authorized representative): _____

Date: _____ License No.: _____ Class: _____

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

PROP - 10A

WOODBIDGE PARK TENNIS & PICKLEBALL COURT RENOVATION

For Additions and Deletions Only

Contractor shall provide itemized costs as shown below for use during construction for additions

or deletions only. Unit costs to be listed are based on the project plans, specifications, Parks

Construction Standards and the Design & Construction Standards, unless otherwise noted. Items listed are not necessarily shown on the plans or identified in the Technical Specifications.

Item	Description	Unit	Unit Cost
1	EC-2 Preservation of Existing Vegetation	sf	
2	Not Used	sf	
3	Not Used	sf	
4	Not Used	sf	
5	Not Used	sf	
6	Not Used	sf	
7	Not Used	ea	
8	Not Used	ea	
9	Not Used	sf	
10	Not Used	sf	
11	SE-1 Silt Fence	lf	
12	SE-5 Fiber Rolls	lf	
13	Not Used	ea	
14	Not Used	ea	
15	Not Used	lf	
16	Not Used	lf	
17	SE-10 Storm Drain Inlet Protection	ea	
18	TC-1 Stabilized construction entrance/exit	ea	
19	Not Used	ea	
20	Site Security Fencing	lf	
21	Clear and Grub	sf	
22	Demolition	sf	
23	Grading	sf	

Items 1 through 19 are to be consistent with requirements detailed in California Stormwater Quality Association Stormwater Best Management Practice Handbook, latest edition.

WOODBIDGE PARK TENNIS & PICKLEBALL COURT RENOVATION

For Additions and Deletions Only (continued)

Item	Description	Unit	Unit Cost
24	AC Pavement	sf	
25	Multi-Part Acrylic Color and Surfacing System	ea	
26	Tennis Nets and Posts	ea	
27	Pickleball Nets and Posts	ea	
28	Chainlink Fence - Galvanized - 6'	lf	
29	Chainlink Fence - Galvanized - 10'	lf	
30	Windscreens - 6'	lf	
31	Windscreens - 9'	lf	
32	Court Striping	ea	
33	Bench	ea	
34	Base	sf	
35	Concrete	sf	
36	Swing Gate	ea	
37	3" Bark Mulch	sf	
38	Concrete Gutter	sf	
39	Undewalk Drain	ea	
40	Irrigation 3" Main Line	lf	
41	Irrigation Lateral	lf	
42	Irrigation Remote Control Valve	ea	
43	Irrigation Drip Tubing	lf	
44			
45			
46			
47			
48			
49			
50			

PROJECT QUALIFICATIONS/EXPERIENCE SHEET

Project Name: _____ Company Name: _____ License Type: _____

The following shall be fully completed by the Contractor detailing previous experience which satisfies the project prerequisite. This prerequisite includes a minimum of **five (5) park** projects of similar size and scope to that of the current project and which has been completed by your company within the last three **(3) years**. This form shall be fully completed and submitted as a part of the Proposal/Bid Schedule. Failure to do so could be interpreted as an incomplete/non-responsive bid.

1. Project Name: _____ Acres _____ Location: _____
Owner: _____ Contact Person: _____
Phone: (____) _____ Contract Amount: \$ _____ Year Completed _____
Landscape Architect/Architect: _____ Phone: (____) _____

Scope of Work (check all those that apply):

Grading _____	Drainage _____	Irrigation _____	Asphalt Concrete Work _____	Concrete Forming _____
Concrete Flatwork _____	Special Concrete Finishing _____	Decomposed Granite Paving _____	Parking Lots _____	Tennis Courts _____
Basketball Court _____	Play Equipment Installation _____	Benches _____	Picnic Tables _____	Lighting _____
Drinking Fountains _____	Masonry Block Work _____	Backstops _____	Restroom Facilities _____	Landscaping _____
Other (specify) _____				

2. Project Name: _____ Acres _____ Location: _____
Owner: _____ Contact Person: _____
Phone: (____) _____ Contract Amount: \$ _____ Year Completed _____
Landscape Architect/Architect: _____ Phone: (____) _____

Scope of Work (check all those that apply):

Grading _____	Drainage _____	Irrigation _____	Asphalt Concrete Work _____	Concrete Forming _____
Concrete Flatwork _____	Special Concrete Finishing _____	Decomposed Granite Paving _____	Parking Lots _____	Tennis Courts _____
Basketball Court _____	Play Equipment Installation _____	Benches _____	Picnic Tables _____	Lighting _____
Drinking Fountains _____	Masonry Block Work _____	Backstops _____	Restroom Facilities _____	Landscaping _____
Other (specify) _____				

3. Project Name: _____ Acres _____ Location: _____
Owner: _____ Contact Person: _____
Phone: (____) _____ Contract Amount: \$ _____ Year Completed _____
Landscape Architect/Architect: _____ Phone: (____) _____

Scope of Work (check all those that apply):

Grading _____	Drainage _____	Irrigation _____	Asphalt Concrete Work _____	Concrete Forming _____
Concrete Flatwork _____	Special Concrete Finishing _____	Decomposed Granite Paving _____	Parking Lots _____	Tennis Courts _____
Basketball Court _____	Play Equipment Installation _____	Benches _____	Picnic Tables _____	Lighting _____
Drinking Fountains _____	Masonry Block Work _____	Backstops _____	Restroom Facilities _____	Landscaping _____
Other (specify) _____				

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.

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: _____

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

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.

Print Name

Signature

Name of Business/Company/Corporation

Date

Address

Phone

END OF PROPOSAL

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

PROP - 15

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 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 _____

_____ 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 general conditions, supplemental conditions, 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 \$1,000 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 45 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 OMISSION PERTAINING TO STRUCTURAL 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 _____, a
municipal corporation _____

BY: _____
DOMINICK CASEY
City Manager

ATTEST:

BY: _____
its: _____

and

BY: _____
its: _____

BY: _____
CARMEN AVALOS
City Clerk

APPROVED AS TO FORM:

BY: _____
MICHELLE SHEIDENBERGER
City Attorney

APPROVED AS TO SUBSTANCE:

BY: _____

Print Name: _____

Title: _____

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

INSURANCE BROKER INFORMATION PACKET

Project: Woodbridge Park Tennis & Pickleball

Court Renovation

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.

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

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FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

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 Woodbridge Park Tennis & Pickleball Court Renovation. 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 the Supplemental Conditions for modifications of the General Conditions, 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
- b. By fax to (770) 335-5727

After using one of these methods, please **DO NOT** also send the insurance certificate(s) by mail.

- c. Or mail the documents to

City of Roseville
Insurance Compliance
P.O. Box 100085-R1
Duluth, GA 30096

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.

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

INSURANCE REQUIREMENTS

The following sections are quoted from the General Conditions:

5-1.23 **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 X**

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.

5-1.24 **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.

Bond No. _____
Premium \$ _____

**PUBLIC WORKS
FAITHFUL PERFORMANCE BOND**

(Project: Woodbridge Park Tennis & Pickleball Court Renovation)

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: _____

APPROVED AS TO FORM:

*(Notarization by Surety and copy of
Power of Attorney required.)*

BY: _____
City Attorney

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

Bond No.	_____
Premium \$	_____

PUBLIC WORKS
LABOR AND MATERIALS PAYMENT BOND
(Project: Woodbridge Park Tennis & Pickleball Court Renovation)

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

GENERAL CONDITIONS

FOR

BUILDINGS AND GROUNDS

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

GC

**CITY OF ROSEVILLE
GENERAL CONDITIONS
FOR
BUILDINGS AND GROUNDS**

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FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 1
DEFINITIONS AND TERMS

1-1.01 **GENERAL.** When the following abbreviations and terms or pronouns in place of them appear in the Contract Documents, the intent and meaning shall be interpreted as provided in this Section 1.

1-1.02 **ACCEPTANCE.** Formal Acceptance by resolution by the Roseville City Council of the Contract when completed in all respects in accordance with the Contract Documents and any modifications previously approved.

1-1.03 **ADDENDUM.** Written interpretation or revision to any of the Contract Documents issued by the City before the bid opening.

1-1.04 **AS-BUILT DOCUMENTS, AS-BUILT DRAWINGS AND RECORD DOCUMENTS.** As-Built Documents, As-Built Drawings and Record Documents are all contract documents modified to reflect changes during the construction phase. Specifically, As-Built Documents/Drawings are a revised set of drawings submitted by the Contractor upon Final Completion of a project. They reflect changes made in the Specifications and Working Drawings during the construction process, and show the exact dimensions, geometry, and location of all elements of the work completed under the Contract. Record Documents, on the other hand, are compiled by the Engineer or Architect based on the As-Built Documents/Drawings submitted by the Contractor. They reflect the Engineer or Architect's concurring review of what changes were denoted, why they were made and where they occurred and create a record set of drawings.

1-1.05 **ASSESSMENT.** A cost imposed on the Contractor for non-compliance

with certain contractual requirements.

1-1.06 **BENEFICIAL OCCUPANCY.** The taking possession of a portion of the Work by the City for its use and/or occupancy on other than a temporary or emergency basis.

1-1.07 **BID GUARANTY.** The cashier's, certified check, irrevocable standby letter of credit, deposit of securities, or Bidder's Bond, accompanying the bid submitted by the Bidder, as a guaranty that the Bidder will enter into an agreement with the City for the performance of the Work, if the Agreement is awarded to Bidder, and the Bidder will submit the required Contract Bonds and Certificate of Insurance. Also referred to as the Bidder's Security.

1-1.08 **BIDDER.** Individual, firm, partnership, limited liability company, corporation, joint venture, or any combination thereof, submitting a Proposal for the Work, acting directly, or through a duly authorized representative.

1-1.09 **BIDDING DOCUMENTS.** Includes the Notice to Bidders, Bidding Requirements, Contract Conditions, Drawings, and Addenda.

1-1.10 **CHANGE ORDER.** Any written order to the Contractor directing an addition, deletion, or modification of the Work, or an adjustment in the Contract Price or Contract Time provided in the Contract Documents and issued after the Agreement has been signed.

1-1.11 **CITY.** The City of Roseville.

1-1.12 **CITY ATTORNEY.** The City Attorney of the City.

1-1.13 **CITY CLERK.** The City Clerk of the City.

1-1.14 **CLAIM.** A separate demand by 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 for damages or penalties for delay assessed by

the City; (b) payment by the City of money or damages arising from work done by, or on behalf of, Contractor pursuant to the Contract Documents and payment for which is not otherwise expressly provided or to which Contractor is not otherwise entitled; and (c) payment of an amount that is disputed by the City.

1-1.15 **CONSTRUCTION SCHEDULE.** A list or graphic display of construction activities required for completing the Work, in a format required by the Contract Documents. The duration, start and finish date, and sequence of significant activities, critical path, float and milestones must be indicated in the Construction Schedule.

1-1.16 **CONTRACT OR AGREEMENT.** The written agreement relating to the Work to be performed, the labor, materials, and equipment to be furnished, and the payment to be made therefor. The Agreement/Contract is part of and incorporates all of the Contract Documents.

1-1.17 **CONTRACT CONDITIONS.** Includes the General Conditions, Supplemental Conditions, and Specifications.

1-1.18 **CONTRACT DOCUMENTS.** Includes those documents that form the basis of the Contract, including but not limited to, Bidding Documents, the Bid or Proposal, Contract Bonds, the Contract, all required insurance certificates or endorsements, all bonds, all required certifications or statements, Change Orders, any Contract Amendment, any City Standard which is incorporated by reference and these City of Roseville General Conditions for Buildings and Grounds.

1-1.19 **CONTRACT DRAWINGS.** The official drawings including plans, elevations, sections, detail drawings, diagrams, plated, General Notes, information and schedules thereon, or exact reproductions thereof, showing the location, character, dimension, and details

of the Work. The Contract Drawings include any drawings or plates bound within the Supplemental Conditions.

1-1.20 **CONTRACT PRICE.** The total compensation to be paid to the Contractor in accordance with the terms of the Agreement.

1-1.21 **CONTRACT TIME.** The number of Days, or portion thereof, allowed for completion of the Work, including all authorized time extensions. The effective date for commencement of the Work specified in the Notice to Proceed shall define the beginning of the Contract Time.

1-1.22 **CONTRACTOR.** Individual, firm, partnership, limited liability company, corporation, joint venture, or any combination thereof, who has entered into the Agreement with City.

1-1.23 **DAY OR DAYS.** Unless otherwise designated, Day or Days as used in the Contract Documents will be understood to mean calendar Day or Days.

1-1.24 **DEPARTMENT.** The Department for Contract Administration, as identified in the Supplemental Conditions.

1-1.25 **DIRECT COSTS.** Those cost items (including labor, materials, equipment and any subcontractor's work) that are used in the actual performance of, and are specifically and uniquely attributable to the Work or changed Work. Direct Costs do not include Overhead. Direct Costs only include the following:

A. Payroll costs for employees in the direct employ of Contractor in the performance of the Work under schedules of job classifications agreed upon by City and Contractor. Payroll costs for employees not employed full time on the Work shall be apportioned on the basis of their time spent on the Work. Payroll costs shall include salaries and

wages plus the cost of fringe benefits which shall include social security contributions, unemployment, excise and payroll taxes, workers' compensation, health and retirement benefits, sick leave, vacation and holiday pay applicable thereto. Such employees may include superintendents and foremen at the site. The expenses of performing work after regular working hours, on Saturday, Sunday or legal holidays shall be included in the above only to the extent authorized by City in writing.

B. Cost of all materials and equipment furnished and incorporated in the Work, including costs of transportation and storage thereof, and supplies' field services required in connection therewith. All trade discounts, rebates and refunds and all returns from sale of surplus materials and equipment shall accrue to City, and Contractor shall make provisions so that they may be obtained.

C. Payments made by Contractor to the subcontractors for work performed by subcontractors. If required by City, Contractor shall obtain competitive bids from subcontractors acceptable to Contractor and shall deliver such bids to City who will then determine which bids will be accepted. If a subcontract provides that the subcontractor is to be paid on the basis of cost of the work plus a fee, the subcontractor's cost of the work shall be determined in the same manner as Contractor's cost of the work. All subcontracts shall be subject to the other provisions of the Contract Documents insofar as applicable.

D. Costs of special consultants (including engineers, architects, testing laboratories, surveyors, and accountants) employed for services specifically, and only, related to the Work.

E. Supplemental costs including the following:

1. The proportion of necessary transportation, travel and subsistence

expenses of Contractor's employees incurred in discharge of duties connected with the Work.

2. Cost, including transportation and maintenance, of all materials, supplies, equipment, machinery, appliances, office and temporary facilities at the site and hand tools not owned by the workers, which are consumed in the performance of the Work, and cost, less market value of such items used but not consumed which remain the property of Contractor.

3. Rentals of all construction equipment and machinery and the parts thereof whether rented from Contractor or others in accordance with rental agreements approved by City, and the costs of transportation, loading, unloading, installation, dismantling and removal thereof, all in accordance with terms of said rental agreements. The rental of any such equipment, machinery or parts shall cease when the use thereof is no longer necessary for the Work.

4. Sales, consumer, use or similar taxes related to the Work, and for which Contractor is liable, imposed by laws and regulations.

5. The cost of utilities (including the meter and all associated installation costs), fuel and sanitary facilities at the site.

6. Cost of premiums for additional bonds and insurance required because of changes in the Work.

1-1-26 **DIRECTOR.** Director of the Department for Contract Administration or his or her designee.

1-1-27 **EMERGENCY.** Any sudden generally unforeseen occurrence (such as a fire, flood, storm, earthquake, civil disorder, or other natural and/or man-made disaster) that has the potential to adversely affect the safety of life, the Work, and/or adjacent property; to interrupt contracts essential to the performance of the Work; and/or to cause catastrophic failure of City

equipment and/or facilities.

1-1.28 **ENGINEER OR ARCHITECT.** Professional Engineer or Architect designated for a particular project responsible for signing and sealing the permit drawings, interpretation of the drawings where ambiguities exist, review of requests for information, design Change requests and Shop Drawings, resolution of errors and omissions, and finalization of Record Documents.

1-1.29 **FINAL COMPLETION.** When the project has been completed according to the terms and conditions set forth in the Contract Documents. Final Completion is not the same as Acceptance.

1-1.30 **FORCE ACCOUNT.** Payment by force account shall mean payment on the basis of the Contractor's time and materials.

1-1.31 **GENERAL NOTES.** The written instructions, provisions, conditions or other requirements appearing on the Contract Drawings and so identified thereon, which pertain to the performance of the Work.

1-1.32 **INSTALLATION, INSTALL.** Completely assembling, erecting, and/or connecting materials, parts, components, supplies, and related equipment specified or required for the completion of the Work.

1-1.33 **LABORATORY.** Established professional laboratories authorized by the City to test materials and Work involved in the Contract.

1-1.34 **LEGAL HOLIDAYS.** Those days designated as Federal holidays or declared by the City, or otherwise specified in the Contract Documents.

1-1.35 **LIQUIDATED DAMAGES.** The amount prescribed in the Contract Documents to be paid to the City or to be deducted from any payments due or to become due the

Contractor for each day's delay in completing the whole or any specified portion of the Work beyond the time allowed in the Supplemental Conditions.

1-1.36 **NOTICE OF COMPLETION.** A legal notice filed by the City with the Placer County Recorder's Office stating that construction has been completed and accepted by the City.

1-1.37 **NOTICE TO PROCEED.** A written notice given by the City to the Contractor fixing the date on which the Contract Time will commence to run.

1-1.38 **NOTICE OF TERMINATION.** Written notice from the City to the Contractor and/or its Surety terminating the Agreement, or a portion thereof, either for convenience of the City or for default due to the Contractor's failure to perform its contractual obligations.

1-1.39 **OVERHEAD.** Business or administrative expenses (including but not limited to office expenses, administrative staff rent, insurance, utilities) not chargeable to a particular part of the Work. The term "Overhead" shall include all of the following:

A. Payroll costs and other compensation of Contractor's officers, executives, principals (of partnerships and sole proprietorships), general managers, engineers, architects, estimators, attorneys, auditors, accountants, purchasing and contracting agents, expeditors, timekeepers, clerks, and other personnel employed by Contractor whether at the Work Site or in Contractor's principal or a branch office for general administration of the Work and not specifically included in the agreed upon schedule of job classifications, all of which are to be considered administrative costs covered by the Contractor's fee.

B. Expenses of Contractor's principal and branch offices other than Contractor's office at the site.

C. Any part of Contractor's capital expenses, including interest on Contractor's capital employed for the Work and charges against Contractor for delinquent payments.

D. Cost of premiums for all bonds and for all insurance whether or not Contractor is required by the Contract Documents to purchase and maintain the same, except as provided in section 1-1.25.

E. Other overhead or general expense costs of any kind.

1-1.40 **PREMISES.** Shall mean the area within construction easements, easements, rights of entry and City owned property which surrounds the Work Site, limited by the property lines thereof. In some cases Premises may coincide with the Work Site.

1-1.41 **PROFESSIONAL ENGINEER.** An engineer licensed by the Board of Registration for Professional Engineers, State of California.

1-1.42 **PROJECT MANUAL.** A book containing all Contract Documents.

1-1.43 **PROPOSAL FORMS.** The approved forms upon which the City requires that each Bidder submit its bid with regard to the Agreement.

1-1.44 **REQUEST FOR INFORMATION (RFI).** A document issued by the Contractor requesting information concerning the Contract Documents.

1-1.45 **SAFETY.** Includes the practice of identifying potential hazards, assessing their risk, taking corrective action where possible, including and providing control measures such as engineering design, written procedures, and the personal protective equipment for workers in order to eliminate or reduce the risk for exposure in the workplace.

1-1.46 **SCHEDULE OF VALUES.** The breakdown of the Contract Price that will serve as the basis for Contractor's Applications of Payment. Any lump sum bid item

included within the Contract Price will be apportioned among values relating to specific components of the Work covered by said lump sum.

1-1.47 **SHOP DRAWINGS.** Drawings, plans, diagrams, schedules, and other data specifically prepared and submitted to the City by the Contractor, showing in detail: (a) the proposed fabrication and assembly of a special component of the Work; and (b) the Installation (form, fit and attachment details) of a special component of the Work. Shop Drawings shall be deemed to include Working Drawings, Product Data, literature, and applicable performance and test data.

1-1.48 **SPECIFICATIONS.** The technical Specifications for the Work prepared by the Director or an Engineer or Architect describing in detail the nature of the Work, its components, any performance standards, and how the Work is to be constructed.

1-1.49 **SUBCONTRACTOR.** Any individual, firm, partnership, limited liability company, corporation, joint venture, or combination thereof, other than employees of the Contractor, engaged by the Contractor to furnish services, labor, equipment and materials for a portion of the Work.

1-1.50 **SUBMITTALS.** Those documents required to be submitted by the Contractor for review by the City in accordance with the Contract Documents.

1-1.51 **SUPPLEMENTAL CONDITIONS.** The Supplemental Conditions are specific clauses modifying or supplementing these General Conditions.

1-1.52 **SUPPLIER.** Any individual, firm, partnership, limited liability company, corporation, joint venture, or combination thereof, other than employees of the Contractor, that supplies a tangible product as a portion of the Work, with services usually limited to delivery and/or required testing, and with manufacturing, fabrication, or production facilities located off

the Work Site.

1-1.53 **WORK.** The furnishing of all labor, and the furnishing and Installing of all materials, articles, supplies and equipment as specified, designated, or required by the Contract Documents.

1-1.54 **WORK SITE.** All or portion of the Premises that the Work is limited to as shown on the Contract Drawings or designated by the Director. Public streets are not included unless Work is being done within the street right-of-way.

1-1.55 **WORKING DRAWINGS.** Original drawings prepared by the Contractor and/or its Subcontractors or Suppliers, of any tier, illustrating Work required for construction that will not become an integral part of the completed Work. This includes, but is not limited to, drawings for temporary structures such as decking, bulkheads, excavation supports, utility support, groundwater control, forming, falsework, access roads, staging areas, staging plans, and diversion plans. A Working Drawing is one type of a Shop Drawing.

SECTION 2

CONTROL AND SCOPE OF THE WORK

2-1.01 **AUTHORITY OF DIRECTOR.** The Contract shall be performed in a manner satisfactory to the Director who shall decide all questions which may arise as to the quality or acceptability of materials furnished and Work performed and as to the manner of performance and rate of progress of the Work; all questions which may arise as to the interpretation of the Contract Documents; all questions as to the acceptable fulfillment of the Contract on the part of the Contractor; and all questions as to compensation. The Director shall have authority to enforce and make effective such decisions and orders in the event the Contractor fails to promptly carry out the same.

2-1.02 **INTENT OF CONTRACT DOCUMENTS.** The Contract Documents are complementary, and what is called for by one shall be as binding as if called for by all. The intent of the Contract Documents is to describe the details for the construction and completion of the Work. Where the Contract Documents describe portions of the Work in general terms, but not in complete detail, it is understood that only the best general practice shall be followed and that only materials and workmanship of the best quality are to be used. Any Work, materials, or equipment that are customarily provided, or that are reasonably inferable from the Contract Documents as being required to produce the intended result, shall be supplied, whether or not specifically called for. When words, which have a well-known technical or trade meaning are used to describe work, materials, or equipment, such words shall be interpreted in accordance with that meaning. Unless otherwise specified, the Contractor shall furnish all labor, materials, tools, equipment, and incidentals, and do all the Work involved in executing the Contract in a

satisfactory and workmanlike manner.

Reference to standard specifications, manuals or codes of any technical society, organization or association, or to the laws or regulations of any governmental authority, whether such reference be specific or by implication, shall mean the latest standard specification, manual, code, laws, or regulations in effect on the first published date of the Notice to Contractors, except as may be otherwise specifically stated. However, no provision of any referenced standard specification, manual or code (whether or not specifically incorporated by reference in the Contract Documents) shall be effective to change the duties and responsibilities of City or Contractor, or any of their consultants, agents, or employees from those set forth in the Contract Documents, nor shall it be effective to assign to City, or City's designated representative, any duty or authority to supervise or direct the furnishing or performance of the Work or any duty or authority to undertake responsibility contrary to other provisions of the Contract Documents.

The Contract Documents are divided into parts, divisions, sections and articles for convenience, organization and reference. Generally, there has been no attempt to divide the Specifications sections into work performed by the various building trades, work by separate Subcontractors, or work required for separate facilities in the project.

2-1.03 **EXAMINATION AND VERIFICATION OF CONTRACT**

DOCUMENTS. The Contractor shall thoroughly examine and become familiar with all of the various parts of the Contract Documents and shall determine the nature and location of the Work, the general and local conditions (including applicable laws) and all other matters which can in any way affect the cost, progress or performance of the Work under this Agreement. Failure to make an examination necessary for this determination shall not release the Contractor from the obligations of the Agreement. No oral agreement or conversation with any officer, or employee

of the City, or with the City's designated representative either before or after the execution of the Agreement, shall affect or modify any of the terms or obligations contained in the Contract Documents.

2-1.04 **CONTRACT DRAWINGS.** The Contract Drawings consist of general drawings and show such plans, elevations, sections, details and schedules as are necessary to give a graphic and pictorial description of the contemplated construction. All authorized alterations affecting the requirements and information given on the Contract Drawings shall be in writing.

2-1.05 **COORDINATION AND INTERPRETATION OF CONTRACT DOCUMENTS.** All Contract Documents are essential parts of the Contract, and a requirement occurring in one is as binding as though occurring in all. They are intended to be complementary, and to describe and provide for a complete Work.

In the event of inconsistencies between requirements contained in different components of the Contract Documents, the precedence of the Contract Documents shall be as follows to resolve conflicts:

1. Change Orders
2. The Contract (including Addenda)
3. The Supplemental Conditions
4. Specifications
5. Contract Drawings
6. The General Conditions

Should it appear that the Work to be done or any of the matters relative thereto are not sufficiently detailed or explained in the Contract Documents, the Contractor shall submit a

Request for Information (“RFI”) to the Director for such further explanations as may be necessary and shall conform to the written explanation given as if part of the Contract Documents. The decisions of the Director shall be final.

Contractor shall anticipate that it will be necessary to prepare and submit RFIs regarding the Contract Documents. The City will respond to each RFI by no later than fourteen (14) Days after receipt of the RFI, unless the RFI is of significant complexity. Furthermore, in the event that there are numerous RFIs pending, Contractor shall cooperate with the City in establishing a priority for responding to the RFIs, and potentially some RFIs may be responded to beyond the fourteen (14) Day period.

Each RFI prepared by Contractor shall be full and complete. Contractor shall prepare RFIs so as to not cause any delay to the progress of the Work and to not cause any impact to Contractor’s labor productivity in the field. Contractor shall not assert any Claims for delay or interference against the City if Contractor fails to timely submit any RFI to the City, after consideration of the response period allowed for by the City.

The response to an RFI shall not, by itself, constitute a writing that authorizes Contractor to perform any Work that causes an adjustment to either the Contract Price or the Contract Time. If Contractor believes that any response to any RFI should constitute a compensable change, Contractor shall provide a Notice of Potential Claim as provided in Section 7-1.03, below. Contractor’s failure to provide the required written notice shall constitute a waiver of the Contractor’s right to seek a compensable change based on the RFI response.

The Contractor shall examine all Contract Documents; shall verify all figures in the Contract Documents before laying out the Work; shall promptly notify the City of all errors, inconsistencies, and/or omissions that it discovers; and, in instances where such non-

conformities are discovered, shall obtain specific instructions in writing from the City before proceeding with the Work. Contractor's performance of any Work affected by such non-conformities prior to the City's decision shall be at the Contractor's risk. Any Work that is customarily provided or that is reasonably inferable shall not relieve the Contractor from performing such work at no additional expense and/or delay, and such Work shall be performed as if fully set forth in the Contract Documents.

2-1.06 **INDEPENDENT CONTRACTOR STATUS.** The Contractor shall independently perform all Work required by the Contract Documents and shall not be considered as an agent or employee of the City, nor shall the Contractor's Subcontractors or employees be considered as subagents of the City.

The Contractor and Contractor's Subcontractors shall be licensed in accordance with the laws of the State of California and as more particularly described in the bidding documents or elsewhere in the Contract Documents.

2-1.07 **ORDER OF WORK.** When required by the Contract Documents, the Contractor shall follow the sequence of operations set forth therein. Full compensation for conforming to such 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.

2-1.08 **SUBMITTALS.** It shall be the Contractor's responsibility to timely submit, so as to cause no delay in the Work, all Shop Drawings, descriptive data, manuals, instructions, affidavits, samples for the various trades as required by the Supplemental Conditions and Specifications, and offers of alternatives, if any. Such Submittals shall be checked and coordinated by the Contractor with the Work of other trades involved before they are submitted to the Director for examination.

The Contractor shall deliver at least one (1) electronic copy of the Submittals to the Director, and one (1) hard copy if requested. Work requiring the submittal of working drawings, descriptive data or samples shall not begin prior to approval of said Submittal by the Director.

The time allowed for review of each Submittal will be as indicated in the Supplemental Conditions. Review time will start upon receipt of the Submittal by the Director and will end upon the Director's mailing of the Submittals to the Contractor. Defective, incomplete or partial Submittals will be returned to the Contractor unreviewed.

Submittals shall be made by a letter of transmittal that shall contain a list of all matter submitted and identification of all variations from the Contract Documents contained in the Submittal. The letter and all items accompanying the same shall be fully identified as to project name and location, Contractor's name, district, county, and Contract number, with ample cross-references to the Contract Documents, to facilitate identification of items and their location in the Work.

All Shop Drawings and supporting data, catalogs, schedules, shall be submitted as the instruments of the Contractor, who shall be responsible for their accuracy and completeness. These Submittals may be prepared by the Contractor, Subcontractors, or Suppliers, but the Contractor shall ascertain that Submittals meet all of the requirements of the Contract Documents, while conforming to structural, space, and access conditions at the point of Installation. The Contractor shall check all Submittals before submitting them to the Director.

2-1.08A **SHOP DRAWINGS.** The Contractor shall submit an electronic copy (searchable PDF) of all Shop Drawings required by the Supplemental Conditions or Specifications, and one (1) hard copy, if requested by the Director. Shop Drawings shall also be provided separately in AutoCAD format using the latest version of AutoCAD. An electronic

copy will be returned to the Contractor either approved for use, as demonstrated by a stamp, or returned for correction and resubmittal. Materials, colors and/or samples will not be returned to the Contractor. Shop Drawings include any drawing, which requires execution by a draftsman as distinguished from printed matter. The size of Shop Drawings shall not exceed twenty-four inches (24") by thirty-six inches (36").

2-1.08B **DESCRIPTIVE DATA.** The Contractor shall submit an electronic copy (searchable PDF) of each set of manufacturer's brochures or other data required by the Supplemental Conditions or Specifications, and one (1) hard copy, if requested by the Director. The City will examine such Submittals and return either an electronic copy or a hard copy approved for use or returned for correction and resubmittal.

2-1.08C **SAMPLES.** The Contractor shall submit samples of articles, materials or equipment as required by the Supplemental Conditions or Specifications. The Work shall be in accordance with the approved samples. Samples shall be removed from City property when directed or may be incorporated in the Work if approved by the Director. Samples not removed by the Contractor will become the property of the City or, at the City's option, will be removed or disposed of by the City at the Contractor's expense.

2-1.08D **MANUALS, INSTRUCTIONS AND AFFIDAVIT.**

A. **Manuals and Instructions.** Where operation and maintenance manuals are required by the Supplemental Conditions, the Contractor shall submit two (2) sets of manuals, suitably bound, along with two (2) electronic copies in an approved format, to the Director within forty-five (45) Days after favorable review of the equipment or facilities. If operation and maintenance manuals are approved to be provided in PDF format, text shall be provided in searchable PDF format, making proper use of PDF for headings and heading levels,

paragraphs, tables, and lists. Submitted operation and maintenance manuals shall be a collected, organized, and indexed set of bookmarked PDF documents comprising each operation and maintenance manual that corresponds to a hardcopy binder. All manuals shall be marked to indicate the specific equipment furnished for this project and shall include at a minimum:

1. Equipment summary form
2. Cover/Title page
3. Table of contents
4. Operating procedures including start-up, shutdown, normal operation, all operating modes, emergency shutdown, and safety precautions
5. Lubrication instructions (if required)
6. Preventative maintenance procedures
7. Troubleshooting and corrective maintenance procedures
8. Reinstallation instructions
9. Overhaul instructions (if applicable)
10. Parts identification list with exploded view and associated cross references
11. Recommended spare parts list
12. Operator safety requirements
13. Electrical and control system wiring drawings, including panel wiring control (ladder) diagrams, logic diagrams, loop diagrams, and interconnection diagrams
14. Panel layout and assembly drawings

15. Mechanical drawings
16. Printouts of all software programs and configuration files
17. Factory and field test procedures and results

Operation and maintenance manuals for complex equipment shall also include:

18. Alternate specified operating modes
19. Emergency shutdown instructions
20. Normal shutdown instructions
21. Long term shutdown instructions

Operation and maintenance manuals for systems comprised of separate pieces of equipment shall include a system explanation of items 4, 7, 18, 19, 20, and 21 as well as the instructions for the separate pieces of equipment.

B. Affidavits. Where required in the Supplemental Conditions or Specifications, manufacturers of equipment shall provide field service as a part of this project. Equipment shall not be considered ready for full time operation until after the authorized factory-trained and qualified manufacturer's representative for the specific equipment has checked and adjusted the equipment and certified by written affidavit that the equipment has been properly installed, tested, adjusted, lubricated, and calibrated, and is ready for full time operation. Acceptable affidavits shall be submitted prior to completion of the Work. Affidavits shall contain the following specific wording:

“The (Name of Equipment) has been properly installed, tested, adjusted, lubricated, and calibrated, and is ready for full time operation. The installation has been inspected and has been found to be in conformance with our (the manufacturer's) standards and requirements.”

No amplification, dilution, or modification of this specific wording will be permitted.

2-1.08E **ALTERNATIVES.** For convenience in designation in the

Contract Documents, certain materials, articles, or equipment may be designated by a brand or a trade name or the name of the manufacturer together with catalog designation or other identifying information, hereinafter referred to generically as “designated by brand name.”

Except in those instances where the product is designated to match others in use in a particular improvement, either completed or in the course of completion, an alternative material, article, or equipment which is of equal quality and of the required characteristics for the purpose intended may be proposed for use provided the Contractor complies with the following requirements:

A. The Contractor shall submit its proposal for an alternative in writing. Such request shall be made in ample time to permit review and approval without delaying the Work. The Contractor shall not be entitled to an adjustment of the Contract Time or an increase in the Contract Price based on any Contractor-proposed substitution.

B. No such proposal will be considered unless accompanied by complete information and descriptive data, necessary to determine the equality of the offered materials. The Contractor shall satisfy the Director as to the comparative quality, suitability, or performance of the offered material, articles, or equipment. In the event that the Director rejects the use of such alternative materials, articles, or equipment, then one of the particular products designated by brand name shall be furnished.

C. The burden of proof as to the quality and suitability of alternatives shall be upon the Contractor and it shall furnish all information necessary as required by the Director. The Director shall be the sole judge as to the quality and suitability of alternative articles or materials and such decisions shall be final. Where use of an alternative material

involves redesign of, or changes to, other parts of the Work, the cost and time required to effect such redesign or changes will be considered in evaluating the suitability of the alternative material. Cost of redesign by the City will be borne by the Contractor.

D. Whenever classification, rating or other certification by a body such as Underwriters Laboratories (UL) or the National Electrical Manufacturers Association (NEMA) is a part of the specification for any material, Contractor's request for use of alternative articles or materials shall be accompanied by reports from the listed or equivalent independent testing Laboratory indicating compliance with the Contract Documents. The cost of all testing required to prove equality of the material proposed shall be borne by the Contractor. Approval of an alternative shall be only for the characteristics or use named in such approval, and shall not be used to change or modify any requirement of the Contract Documents.

E. At its election, the City reserves the right to consider any Contractor proposed substitution as a Cost Reduction Proposal under Section 3-1.07 of these General Conditions in the event that there is a significant savings resulting from the substitution.

The Director will examine, with reasonable promptness, such Submittals, and return of Submittals to the Contractor shall not relieve the Contractor from responsibility for deviations and alternatives from the Contract Documents, nor shall it relieve the Contractor from responsibility for errors in the Submittals. A failure by the Contractor to identify in its letter of transmittal material deviations from the Contract Documents shall void the Submittal and any action taken thereon by the Director. When specifically requested by the Director, the Contractor shall resubmit such Shop Drawings, descriptive data and samples as may be required.

If any mechanical, electrical, structural, or other changes are required for the proper Installation and fit of alternative materials, articles, or equipment, or because of deviations from

the Contract, such changes shall not be made without the approval of the Director and shall be made without additional cost to the City.

2-1.09 **DISPOSAL OF MATERIAL OUTSIDE THE WORK SITE.** Unless otherwise stated elsewhere in the Contract Documents, the Contractor shall, at its own cost and expense, make its own arrangements for disposing of materials outside the Work Site.

Except when material is to be disposed of at a landfill or recycling center, when any material is to be disposed of outside the Work Site, the Contractor shall first obtain written permission from the City to dispose of the material at the intended location. The City's approval will be contingent upon the Contractor obtaining a written permit from the property owner on whose property the disposal is to be made. Prior to the disposal of any material at the intended location, the Contractor shall submit such permit or a certified copy thereof to the City, together with a written release from the property owner absolving the City from any and all responsibility related to the disposal of material on said property.

Disposal of Hazardous Materials must be done in accordance with all laws and regulations. Copies of all required regulatory documentation including copies of final manifests shall be supplied to the City.

2-1.10 **ACCESS TO THE WORK.** The Contractor shall satisfy itself that the jurisdictions through which its operations and haul routes pass will permit such operations with respect to the type of vehicle, laden weights, frequency and dimensions of loads, hours of operation and required traffic control. All necessary permits, licenses or bonds shall be obtained and paid for by the Contractor.

2-1.11 **TEMPORARY UTILITIES.** The Contractor shall make its own arrangements with utility companies for any temporary services it may require in performance of

the Work and shall pay all costs of these services directly to these utility organizations.

2-1.12 **UTILITY FACILITIES.** The Contractor shall protect from damage those utility facilities that are to remain in place, be Installed, relocated or otherwise arranged.

The Contractor's attention is directed to the possible existence of facilities not shown, and of facilities in a location different from that, which is indicated. The Contractor shall take steps to ascertain the exact location of all facilities prior to doing any Work, which may damage such facilities or interfere with their service. Where the location of a facility is indicated or inferred from the presence of visible facilities such as buildings, meters, and junction boxes, the Contractor shall make such excavations and explorations as are necessary to ascertain the correct location. Unless provided for elsewhere in the Contract Documents, the cost of such excavations and explorations will be considered as a part of the cost of other items of Work and no additional payment will be made. Such excavations and exploratory Work shall not entitle the Contractor to an extension of time.

If the Contractor discovers underground facilities not indicated or inferred from the Contract Documents, the Contractor shall immediately give the Director written notification of the existence of those facilities. The Contractor shall determine the exact location of the underground facilities and the cost of the work will be paid for in accordance with the Contract Documents. The underground facilities shall be protected from damage as directed by the Director and the cost of that work will be paid for as extra work. The Contractor shall, if directed by the Director, repair any damage, which may occur to the underground facilities. The cost of that repair work, not due to the failure of the Contractor to exercise reasonable care, will be paid for as extra work. Damage due to the Contractor's failure to exercise reasonable care shall be repaired at the Contractor's cost and expense.

Where it is determined by the City that the rearrangement of an underground facility, the existence of which is not shown on the Contract Drawings, is essential in order to accommodate the Work, the City will provide for the rearrangement of such facility by other forces or, when so ordered by Change Order, such rearrangement shall be performed by the Contractor and will be paid for as provided under a Change Order.

The Contractor shall be responsible for the maintenance of all utility facilities placed by the Contractor in temporary locations, and all utilities within the construction area not required to be relocated but which are required to be shored or supported during the construction period. The cost of such maintenance shall be borne by the Contractor, and no other compensation shall be due the Contractor for this Work.

The cost of providing and maintaining all necessary or required temporary structures, of making any necessary repairs, replacements, or similar operations, or furnishing indemnity or other bonds, if required, and all costs required by this Section shall be paid by the Contractor and shall be included in the prices bid in the schedule for other items of work.

2-1.13 **PRESERVATION AND CLEANING.** The Contractor shall clean up the Work at frequent intervals and at other times when directed by the Director. While finish Work is being accomplished, floors, Work areas and finished areas shall be kept clean, free of dust, construction debris and trash. Upon completion of the Work, the Contractor shall remove from the Premises its construction equipment and any waste materials not previously disposed of, leaving the Premises thoroughly clean and ready for final inspection.

2-1.14 **LIMITATIONS ON WORK SITE AND PREMISES.** The Contractor shall limit its construction operations to the Work Site unless otherwise shown on the Contract Drawings or specified. The Contractor shall perform no operation of any nature over or on the

Premises except such operations as are authorized by the Contract Documents or as authorized by the Director.

2-1.15 **DUST CONTROL.** During the performance of all Work under this Contract, the Contractor shall assume all responsibility for dust control and shall furnish all labor, equipment, and means required to carry out proper and efficient measures wherever and whenever dust control is necessary to prevent the operations from producing dust damage and nuisance to persons and property. Any claims resulting from dust damage or nuisance shall be borne solely by the Contractor. The Contractor shall comply with all applicable Air Quality Act requirements.

2-1.16 **SANITATION.** The Contractor shall provide sanitary facilities for all persons working on the Work.

2-1.17 **NIGHT WORK AND NORMAL WORKING HOURS.** Normal working hours at the construction site shall be between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday. Legal holidays are excluded. Certain utility connections and street operations are anticipated to require night Work by the Contractor during low usage periods. The Contractor may also be required to prosecute the Work at night if, at any time, the Director shall deem it necessary for the progress of the Work, or if emergencies arise. The Contractor shall promptly comply with any such requirements made in writing by the Director. The Contractor will also be permitted to Work at night if Contractor satisfies the Director of the need therefor, in order to maintain the required progress or protect the Work from the elements. Certain activities are required to be performed at night for nominal progress of the Work and/or are specified to be performed at night by other portions of the Supplemental Conditions. When required, ordered, or permitted to Work at night, the Contractor shall provide sufficient and

satisfactory lighting and other facilities therefor. The Contractor shall receive no extra payment for night Work, if specified or if required to be performed during the normal progress of the Work, but compensation shall be considered as having been included in the price stipulated for the Work.

If Contractor performs work during weekends, holidays or any non-normal work hours, Contractor shall pay for required City Inspectors.

2-1.18 **LINES AND GRADES.** Unless otherwise provided in the Supplemental Conditions, the Contractor shall lay out all Work, including structures and pipelines, and shall be responsible for any errors resulting therefrom. In all questions arising as to proper location of lines and grades, the Director's decision will be final.

As part of the bid price for the construction of the improvements, the Contractor shall provide and be responsible for the layout of all Work on this project. The Contractor shall provide all necessary surveys, field staking, and positioning for the construction of all components at the proper alignment, elevations, grades, and positions, as indicated on the Contract Drawings and as required for the proper operation and function. The Contractor shall stake its Work area limits. Contractor shall perform all construction staking using a land surveyor licensed in the State of California. Contractor shall provide a staking plan prior to commencement of Work for the City's review and maintain monuments, stakes, and marks, and shall update the plan as necessary. Director, or Director's designated representative, may verify the field condition. Errors or inconsistencies in the Contract Documents discovered by the Contractor shall be reported to the Director within twenty-four (24) hours and prior to constructive forms or related improvements. Any work Installed with this requirement shall be subject to removal and replacement at the Contractor's expense.

The Contractor's lay-out shall be based on existing structures, property lines, survey control, and bench marks established by the City. All structures and pipeline connections shall be Installed based on actual elevation of existing structures to which connections are made.

The Contractor shall supply such labor as required, at no extra charge, to aid and assist the Director in checking location and grades of the Work as set by the Contractor if the Director desires to perform this checking. This shall include moving materials and equipment located between monuments and the construction Work.

2-1.19 **ARCHEOLOGICAL DISCOVERIES.** Upon discovery of prehistoric or historic artifacts, or other indicators or examples of cultural resources discovered during the course of site preparation, grading, excavation, construction or other development activities, all operations within fifty feet (50') of the find shall cease until such time as the City provides the services of a qualified archeologist to evaluate the finds and recommend appropriate action.

Prehistoric materials can include flaked stone tools (e.g., projectile points, knives and choppers) or tool making debris of obsidian, chert, quartzite and other materials, culturally darkened soil (i.e., midden, which often contains heat affected rock, ash and charcoal, shellfish remains, and cultural materials), and stone milling equipment such as mortars, pestles and hand stones. Historic material may include wood, stone, concrete or adobe footings, walls and other structural remains; debris filled wells or privies; and deposits of wood, metal, glass, ceramics and other refuse.

2-1.20 **PRESERVATION OF MONUMENTS.** Any monuments or bench marks disturbed by construction operations shall be repaired per the City's standard and promptly re-established by a registered land surveyor or civil engineer. A plat for each monument shall be furnished to the Director after the plat has been recorded with the Placer

County Recorder's Office at no additional cost to the City. The recorded plat shall serve as a record of the re-establishment of said existing survey points.

2-1.21 **CONFORMITY WITH CONTRACT DOCUMENTS.** Work and materials shall conform to the lines, grades, cross sections, dimensions and material requirements, including tolerances, required by the Contract Documents. Although measurement, sampling and testing may be considered evidence as to such conformity, the City shall be the sole judge as to whether the Work or materials deviate from the Contract Documents. At its option, the City may elect to accept deviations from the Contract Documents with appropriate backcharge Assessments against the Contractor, and, if such an election is made, the City will provide written notice to the Contractor of such acceptance.

2-1.22 **FINAL CLEANUP.** Prior to final Acceptance of the Work, the Contractor shall thoroughly clean the Premises, remove all temporary structures built by or for the Contractor, and remove all equipment and surplus construction material and debris from the area. The entire project, before Acceptance by the City, shall be left in a neat and clean condition. All Work areas and temporary construction areas shall be returned to essentially the same conditions existing before the commencing of project construction.

2-1.23 **AS-BUILT DOCUMENTS AND DRAWINGS.** The Contractor shall maintain one set of the full size prints furnished by the City and mark thereon in color any deviations from plan dimensions, elevations, or orientations. Also, the Contractor shall locate on said prints, all underground facilities, such as piping, conduits and tanks by accurate field measurement from structure walls, corners, etc. The Contractor shall submit the prints and an electronic CD (searchable PDF or source file format such as AutoCAD) in good condition to the Director upon completion of the job as a condition of Acceptance of the project. Marked prints

shall be updated at least once each week and shall be available to the Director for review as to currency prior to developing partial payment estimates. After the completion of testing, but prior to Acceptance, the Contractor shall submit As-Built electrical drawings in color and an electronic CD showing all components and their wiring, and as specified in the Supplemental Conditions.

2-1.24 **SUPERINTENDENCE.** The Contractor shall supervise and direct the Work, which shall be performed in accordance with the requirements of the Contract Documents. The Contractor shall be solely responsible for implementation of all construction means, methods, techniques, sequences, and procedures and for coordination of all portions of the Work under the Agreement. The Contractor shall be solely responsible for the safety of its employees, Subcontractors of any tier, Suppliers, visitors to the Contractor, and other third parties associated with the Contractor.

The Contractor shall designate in writing before starting Work, an authorized representative who shall have the authority to represent and act for the Contractor.

When the Contractor is comprised of two (2) or more persons, firms, partnerships, or corporations functioning on a joint venture basis, said Contractor shall designate in writing before starting Work, the name of one authorized representative who shall have the authority to represent and act for the Contractor. Instances of misconduct, contract non-compliance, unsatisfactory performance, or incompetence by these personnel shall be grounds for the City to direct Contractor to dismiss them from the Project. Contractor shall immediately comply with the City's request for dismissal, at no cost to the City, and shall designate a replacement, which shall be subject to approval by the City.

Said authorized representative shall be present at the site of the Work at all times while Work is actually in progress on the Contract. When Work is not in progress and during periods

when Work is suspended, arrangements acceptable to the Director shall be made for any Emergency Work that may be required.

Whenever the Contractor or its authorized representative is not present on any particular part of the Work where it may be desired to give direction, orders will be given by the Director, which shall be received and obeyed by the superintendent or foremen who may have charge of the particular Work in reference to which the orders are given.

Any order given by the Director, not otherwise required by the Supplemental Conditions to be in writing, will on request of the Contractor, be given or confirmed by the Director in writing.

2-1.25 **CHARACTER OF WORKER.** If any Subcontractor or person employed by the Contractor shall appear to the Director to be incompetent or to act in a disorderly or improper manner, he or she shall be removed immediately on the requisition of the Director, and such person shall not again be employed on the Work.

2-1.26 **INSPECTION.** The Contractor shall at all times permit the Director to inspect the Work or any part thereof. The Contractor shall maintain proper facilities and provide safe access for such inspection by the Director to all parts of the Work, and to the shops where the Work is in preparation. Work shall not be covered up until authorized by the Director and the Contractor shall be solely responsible for notifying the Director where and when such Work is in readiness for inspection and testing. Should any such Work be covered without authorization, it shall, if so ordered, be uncovered at the Contractor's expense.

Unless otherwise designated as normal working hours, whenever the Contractor intends to perform Work on Saturday, Sunday, or a Legal Holiday, the Contractor shall give notice to the Director of such intention forty-eight (48) hours prior to performing such Work, or such longer

period as may be specified so that the Director may make necessary arrangements.

The observation and/or approval of the workmanship or materials by the City shall not relieve the Contractor of any obligations to fulfill the requirements of the Contract Documents.

Workmanship and materials not meeting such requirements shall be corrected and unsuitable Work or material may be rejected, notwithstanding that such Work or materials have been previously observed and/or approved by the City, or payment therefor has been included in a progress estimate.

The City may order re-examination of questioned Work at any time before final Acceptance. If so ordered, the Contractor shall uncover the Work. If such work is found to be in accordance with the Contract Documents, the City will pay for the cost of uncovering, removing, recovering and replacing the parts removed; but if such Work so exposed or examined is not in accordance with the Contract Documents, the uncovering, removal, recovering and replacement shall be at the Contractor's expense. Work that has been covered prior to observation by the City does not qualify as re-examined work; the City may order such work uncovered for observation without payment of any costs.

2-1.27 **REMOVAL OF REJECTED AND UNAUTHORIZED WORK.** All

Work which has been rejected shall be remedied, or removed and replaced by the Contractor in a manner acceptable to the Director and no compensation will be allowed the Contractor for such removal, replacement, or remedial Work.

Any Work done beyond the lines shown on the Contract Drawings or established by the Director, or any Work done without written authority will be considered as unauthorized Work and will not be paid for. Upon order of the Director, unauthorized Work shall be remedied, removed, or replaced at the Contractor's expense.

Upon failure of the Contractor to comply promptly with any order of the Director made under this section, the Director may cause rejected or unauthorized Work to be remedied, removed, or replaced, and the costs thereof will be deducted from any moneys due or to become due the Contractor.

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 3

CHANGES IN THE WORK

3-1.01 **CHANGES.** The Director, without invalidating this Agreement and without notice to Contractor's surety, may order changes in the Work, consisting of additions or deletions, or other revisions. The Contract Price and the Contract Time shall be adjusted accordingly. All such changes in the Work, including in the Contract Price and the Contract Time, shall be authorized only by Contract Change Order, signed by the Director.

If Contractor claims that performance of any work entitles it to additional compensation or to an extension of time for performance of the Work, Contractor shall provide written notice to the City of any such claim prior to undertaking such work. Contractor shall provide written notice of any anticipated impacts to the Contract Price or Contract Time within three (3) Days of discovering such impact, by submitting a Notice of Potential Claim described in Section 7-1.03 below, or notice of delay as described in Section 6-1.09 below. If the Director refuses to issue a Change Order for such work, Contractor shall perform that work if directed or obligated to do so and shall submit a complete and specific Claim for additional compensation and/or extension of time for performance within fifteen (15) Days after such work is performed, as described in Section 7-1.03 below. Failure to provide written notice of claims prior to undertaking such work, failure to provide a timely Notice of Potential Claim, or failure to submit timely a complete and specific Claim for additional compensation and/or extension of the time for performance, shall be deemed a waiver and abandonment of any such Claim. No Claim, dispute or controversy shall interfere with the progress or performance of the Work and the Contractor shall proceed with the Work as directed by the Director. Failure to so proceed shall amount to a

default under this Agreement.

3-1.02 **PROPOSED CHANGE ORDERS.** The Contractor will be notified in writing of a proposed Change Order describing the intended change. Within fifteen (15) Days after receipt of a written request, the Contractor shall submit its proposed price to be added or deducted from the Contract Price due to the change and its estimate of the extent of the adjustment in the Contract Time, if any. The Contractor's proposed price to be added to or deducted from the Contract Price shall be supported by a detailed estimate of cost prepared by the Contractor, vendor or Supplier. The Contractor's proposed price submittal shall be accompanied by a statement of the time necessary for the changed Work, together with a description of how this time will be incorporated into the current Construction Schedule. The Contractor shall upon request by the Director permit inspection of its original Contract estimate, subcontract agreements or purchase orders relating to the change.

If agreement is reached on the adjustment in compensation as provided in Section 3-1.05, "Contract Price Adjustment," of these General Conditions, the Contractor shall proceed with the Work as changed at the agreed price.

If the Contractor and the Director fail to agree as to the adjustment in compensation for the performance of the changed Work, the Contractor, upon written order from the Director, shall proceed immediately with the changed Work and the Contract Price shall be adjusted in accordance with Section 3-1.06, "Force Account Payment," of these General Conditions.

If the Contractor fails to submit its cost estimate within such fifteen (15) Day period, the Contractor shall commence the Work as changed immediately upon receipt of written order of the Director, and the Contract Price will be adjusted in accordance with the Director's cost estimate for the changed Work.

3-1.03

EMERGENCY AND INDETERMINATE TYPE CHANGE

ORDERS. Changes in the Work made necessary by an Emergency, as determined by the Director, or changes of a kind where the extent of the Work cannot be determined until completed, may be authorized by the Director in writing. The Change Order shall state that it is issued pursuant to this Section 3-1.03. Upon receipt of an authorized Change Order or other written order of the Director, the Contractor shall proceed with the ordered Work and the Director will maintain a daily job record containing a detailed summary of all labor, materials and equipment required for the changed Work.

Within fifteen (15) Days after receiving a written request, the Contractor shall submit a detailed estimate of cost for the change and any requested change in Contract Time in the same manner as required for proposed Change Orders in Section 3-1.02 of these General Conditions.

3-1.04

EXECUTED CHANGE ORDER.

A Contract Change Order signed by both the Director and the Contractor is an “executed Contract Change Order.” By signing the Contract Change Order, the Contractor agrees that the specified compensation constitutes full compensation for the changed Work, including payment for interruption, disruption, acceleration, extended Overhead, delay or any other “impact” claim or “ripple effect” claim. The Contractor specifically understands and agrees that its execution of the Contract Change Order shall constitute a waiver of any right for the Contractor to claim any additional compensation with respect to the subject matter of the Contract Change Order.

3-1.05

CONTRACT PRICE ADJUSTMENT.

If a Contract Change Order provides for an adjustment to the Contract Price, the amount of such adjustment shall be determined by one of the following methods, or a combination thereof, as determined by the City and in its sole discretion:

A. Lump sum. The Contractor and the City may agree on a lump sum amount for the Change Order. At the City's request, the Contractor will provide pricing for the work. Maximum markups for Contract Change Orders paid for using lump sum pricing shall be paid for in the same manner and in the same amounts as markups for Force Account work, as described in Section 3-1.06 below.

B. Unit Prices. The unit prices set forth in the Contractor's Schedule of Bid Prices will be utilized where they are applicable and acceptable to the City. The Contractor's unit prices shall remain firm and shall not be subject to adjustment unless and until the actual quantity of work is increased or decreased by Contract Change Order in an amount greater than twenty-five percent (25%) from the estimated quantity indicated for such item. No markups will be given for Contract Change Orders paid for using unit prices.

Unit prices for new items included in the Contract Change Order but not included in the original bid shall be as mutually agreed upon or, in the absence of agreement, as determined by the City in the same manner as if the work were to be paid for on a Force Account basis, as described in Section 3-1.06 below.

C. Force Account. Where the City and the Contractor are unable to agree on lump sum pricing and if the City does not elect to utilize the unit prices in Contractor's bid, or such unit prices are not applicable, the changed work will be performed and tracked by the Contractor as Force Account work, as described in Section 3-1.06 below. The City will pay for such work, including markups, properly attributable to the change in accordance with those Force Account provisions.

D. Eliminated Items. The City reserves the right to delete any bid item of Work in its entirety. The City makes no representation that any work under a bid item of Work

will be performed, and all work may be subject to a Contract Change Order that deletes such work. Bid items are distinct and severable from the other bid items, and the Contractor shall not be entitled to any anticipated profit, unabsorbed Overhead, or other indirect expense attributable to the deleted item, except as provided immediately below with regard to Force Account mark-ups on the direct and verifiable costs incurred prior to the City's order that deletes the work.

Should any bid item of Work be eliminated in its entirety and not accounted for as described immediately above and, in the absence of an executed Contract Change Order covering such elimination, payment will be made to the Contractor for actual direct and verifiable costs incurred in connection with such eliminated bid item if incurred prior to the date of notification in writing by the City of such elimination. If acceptable material is ordered by the Contractor for the eliminated item prior to the date of notification of such elimination by the City, and if orders for such material cannot be canceled, it will be paid for at the actual direct and verifiable cost to the Contractor. Actual direct costs shall include documented vendor shipping fees, Supplier restocking fees, if applicable, and Contractor handling costs directly related to the eliminated item(s). In such case, the material paid for shall become the property of the City and the actual cost of any further handling will be paid for by the City. If the material is returnable to the vendor and if the City so directs, the material shall be returned and the Contractor will be paid for the actual direct cost of charges made by the vendor for returning the material. The actual direct cost of handling returned materials will also be paid for by the City. The actual direct and verifiable costs to be paid by the City as provided herein will be computed in the same manner as if the work were to be paid for on a Force Account basis, including the application of Force Account mark-ups to said costs.

3-1.06 **FORCE ACCOUNT PAYMENT.** When Work performed pursuant to a

Change Order is to be paid for on a Force Account basis, the Contractor's labor, materials and equipment used in the performance of such Work shall be subject to the approval of the City, and the compensation will be determined as set forth below in this section.

3-1.06A **LABOR.** The Contractor will be paid an amount based on the actual cost for the workers (including foremen when authorized by the Director) used in the actual and direct performance of the Work. All labor costs associated with Overhead, whether field or home office, are specifically excluded herein, as those labor costs are covered by the below mark-ups. The cost of labor, whether the employer is the Contractor, Subcontractor or other forces, shall include employer payments; assessment of benefits required by lawful labor union collective bargaining agreements; compensation insurance payments; contributions made to the State pursuant to the Unemployment Insurance Code, and for taxes paid to the Federal Government pursuant to the Social Security Act of August 14, 1935, as amended. No labor cost will be recognized at a rate in excess of the wages prevailing in the locality at the time the Work is performed, nor will the use of a labor classification, which would increase the cost, be permitted unless the Contractor establishes to the complete satisfaction of the Director the necessity for payment at a higher rate.

3-1.06B **MATERIALS.** Only materials furnished by the Contractor and necessarily used in the performance of the Work will be paid for. Such cost of materials may include the costs of procurement, transportation and delivery if necessarily incurred. If a cash or trade discount by the actual supplier is available to the Contractor, it shall be credited to the City. If materials are procured by the purchaser by any method which is not a direct purchase from and a direct billing by the actual supplier to such purchaser, the cost of such materials shall be deemed to be the price paid to the actual supplier plus the actual costs, if any, incurred in the

handling of such materials. If the materials are obtained from a supply or source owned wholly or in part by the purchaser, the cost of such materials shall not exceed the price paid by the purchaser for similar materials furnished from said source on Bid items or the current wholesale price for such materials delivered to the job site, less any discounts as provided herein, whichever is lower. If, in the opinion of the Director, the cost of materials is excessive, or if the Contractor fails to furnish satisfactory evidence of the cost to it from the actual supplier within sixty (60) Days after the date of delivery of the materials or within fifteen (15) Days after Acceptance of the Agreement, whichever occurs first, the cost of the materials shall be deemed to be the lowest current wholesale price at which similar materials are available in the quantities required, less any discounts provided herein. The Department reserves the right to furnish such materials required by the Change Order as it deems advisable, and the Contractor shall have no claim for cost or markups on material furnished by the Department.

3-1.06C **EQUIPMENT** The Contractor will be paid an amount based on the actual cost for the use of equipment directly required and approved by the Director in the performance of the changed Work. No payment will be made for time while equipment is inoperative due to breakdowns or on Days when no Work is performed. In addition, the rental time shall include the time required to move the equipment to the Work from the nearest available source of such equipment, and to return it to the source. If such equipment is not moved by its own power, then loading and transportation costs will be paid. Moving time, loading and transportation costs will only be paid if the equipment is used exclusively on the changed Work during the time between move in and move out. Individual pieces of equipment having a replacement value of One Thousand Dollars (\$1000) or less shall be considered to be tools or small equipment, and no payment will be made therefore. For equipment owned,

furnished, or rented by the Contractor, no cost therefore shall be recognized in excess of the equipment rental rates published by Caltrans at the following website address:

<http://www.dot.ca.gov/hq/construc/equipmnt.html>. Equipment located at a Work Site and utilized on non-Force Account work shall not be eligible for standby payment, and shall be charged on a Force Account basis only when solely performing pre-approved Force Account work tasks.

3-1.06D **MARKUPS.** When a Change Order increases the cost of the Work, the Contractor may add the following maximum markups to its actual costs of labor, materials, or equipment rental:

15 percent for labor;

10 percent for materials; and

5 percent for equipment rental.

The above markups include full compensation, covering the costs of all supervision, bonds, profit, Overhead, and other general expenses not specifically designated as a direct cost in Sections 3-1.06A through 3-1.06C above. The total payment (i.e., direct cost plus applicable markups) shall be deemed to be the actual cost of such work and shall constitute full compensation therefor. The Contractor specifically understands and agrees that such payment shall include any Contractor costs for interruption, disruption, and acceleration, extended Overhead, Change Order management, delay or other “impact” claim or “ripple effect” claim.

When work paid for on a Force Account basis is performed by forces other than the Contractor’s own forces, the maximum allowable mark-ups for the Subcontractors’ costs shall be fifteen percent (15%) for the cost of labor, ten percent (10%) for the cost of materials, and five percent (5%) for the cost of rented equipment. In these situations where the work is being performed by Subcontractors, the Contractor will only be entitled to an additional five percent

(5%) mark-up and will not be entitled to receive the additional mark-ups specified in this section.

When a Change Order decreases the cost of the Work, the reduction in cost shall include a five percent (5%) markup on the estimated cost for furnishing the labor, materials and equipment, which would have been used on such Work, had the Change Order not been issued.

When a Change Order involves both added Work and deleted Work, the markup or markups to be used shall be as follows:

The actual costs of labor, materials, and equipment rental for added and deleted Work shall be calculated separately without adding markups. If the difference between the calculated costs for labor results in an increased cost, a markup of fifteen percent (15%) shall be applied to the increased cost. If the difference between the calculated costs of materials or equipment rental results in an increased cost, a markup of ten percent (10%) and five percent (5%) respectively, shall be applied to the increased costs of materials or equipment rental, as the case may be. If the difference between the calculated costs for labor, materials or equipment rental results in a decreased cost, a markup of five percent (5%) shall be applied to the decreased costs of labor, materials or equipment rental, as the case may be.

Contractor shall not add mark-ups on work performed and billed by City staff nor add mark-ups to successive iterations of proposed Change Order cost proposals returned to Contractor by the City due to incomplete or inaccurate information being originally submitted by the Contractor. If the Contract Price increases by the issuance of Change Orders, the penal amounts of the bonds required shall increase accordingly.

3-1.06E **RECORDS.** The Contractor shall maintain its records in such a manner as to provide a clear distinction between the direct costs of extra work paid for on a Force Account basis and the costs of other operations.

From the above records, the Contractor shall furnish the City completed daily extra work reports, on forms acceptable to the City, for each Day's extra work to be paid for on a Force Account basis. The daily extra work reports shall itemize the materials used, and shall cover the direct cost of labor and the charges for equipment rental, whether furnished by the Contractor, Subcontractor, or other forces. The daily extra work reports shall provide names and identifications and classifications of workers, the hourly rate of pay and hours worked, and also the size, type, and identification number of equipment, and hours operated. Daily extra work and Force Account reports (actual or claimed) shall be signed by both the City's and the Contractor's representatives within twenty-four (24) hours of the performance of the work.

Valid copies of vendor's invoices shall substantiate material charges. Such invoices shall be submitted with the daily extra work reports, or if not available, they shall be submitted with subsequent daily extra work reports. Should said vendor's invoices not be submitted within sixty (60) Days after the date of delivery of the material or within fifteen (15) Days after the Acceptance of the Agreement, whichever occurs first, the City reserves the right to establish the cost of such materials at the lowest current wholesale prices at which said materials were available in the quantities, less any discounts.

The City will compare its records with the completed daily extra work reports furnished by the Contractor and make any necessary adjustments. When these daily extra work reports are agreed upon and signed by both parties, said reports shall become the basis of payment for the work performed, but shall not preclude subsequent adjustment based on a later audit by the City.

The Contractor's cost records pertaining to Work paid for on a Force Account basis shall be open to inspection or audit by representatives of the City during the life of the Agreement and for a period of not less than three (3) years after the date of Agreement completion and the

Contractor shall retain such records for that period. Where payment for materials or labor is based on the cost thereof to forces other than the Contractor, the Contractor shall make every reasonable effort to insure that the cost records of such other forces will be open to inspection and audit by representatives of the City on the same terms and conditions as the cost records of the Contractor. If an audit is to be commenced more than sixty (60) Days after the date of Acceptance of the Agreement, the Contractor will be given fifteen (15) Days' notice of the time when such audit is to begin.

3-1.07 **COST REDUCTION PROPOSALS.** The City encourages the Contractor to submit Cost Reduction Proposals whenever the Contractor identifies areas and/or instances in which there can be savings to the Work. Contractor may submit to the City, in writing, proposals for modifying the plans, Specifications or other requirements of the Agreement for the sole purpose of reducing the total cost of construction, including the time for completion of the Work. The City may consider such Cost Reduction Proposals and, if accepted, the Agreement will be equitably adjusted. The City has no obligation to consider or accept Cost Reduction Proposals.

SECTION 4
CONTROL OF MATERIALS

4-1.01 **MATERIALS.** The Contractor shall furnish all materials required to complete the Work, except materials that are designated in the Supplemental Conditions to be furnished by the City and materials furnished by the City in accordance with Section 3, "Changes in the Work," of these General Conditions.

Unless otherwise specified in the Supplemental Conditions, materials furnished by the Contractor for incorporation into the Work shall be new. When the quality or kind of materials, articles, or equipment is not particularly indicated, then the quality or kind thereof shall be similar to those that are indicated.

Articles or materials to be incorporated in the Work shall be stored in such a manner as to insure the preservation of their quality and fitness for the Work, and to facilitate inspection.

All materials which do not conform to the requirements of the Contract Documents as determined by the Director, will be rejected whether in place or not. Rejected material shall be removed immediately from the site of the Work, unless otherwise permitted by the Director. No rejected material, the defects of which have been subsequently corrected, shall be used in the Work, unless approval in writing has been given by the Director. Upon failure of the Contractor to comply promptly with any order of the Director made under these provisions, the Director shall have the authority to cause the removal and replacement of rejected material and to deduct the cost thereof from any moneys due or to become due the Contractor.

Manufacturer's warranties, guaranties, instruction sheets and parts lists, which are furnished with certain materials incorporated in the Work, shall be delivered to the Director

before Acceptance of the Contract.

Unless otherwise designated in the Supplemental Conditions or Specifications, materials furnished by the City will be delivered to the job site. Materials furnished by the City that are designated in the Supplemental Conditions as available at locations other than the job site shall be hauled to the site of the Work by the Contractor at its expense, including any necessary loading and unloading that may be involved.

The Contractor will be held responsible for all materials furnished to it, and shall pay all demurrage and storage charges. City-furnished materials lost or damaged from any cause whatsoever shall be replaced by the Contractor. The Contractor will be liable to the Department for the cost of replacing City-furnished material and such costs may be deducted from any moneys due or to become due the Contractor.

4-1.02 **PRODUCT AND REFERENCE STANDARDS.** When descriptive catalog designations, including manufacturer's name, product brand name, or model number are referred to in the Contract Documents, such designations shall be considered as being those found in industry publications in effect on the day the Notice to Contractors for the Work is dated, except as may be otherwise stated.

When standards or test designations of the Federal Government, trade societies, or trade associations are referred to in the Contract Documents by specific date of issue, these shall be considered as part of the Contract. When such references do not bear a date of issue, the edition in effect on the day the Notice to Contractors for the Work is dated shall be considered as part of the Contract.

4-1.03 **SAMPLING AND TESTING OF MATERIALS.** Unless otherwise specified, all tests shall be performed in accordance with the methods used by the State

Department of Transportation (Caltrans) and shall be made by the Director or his or her designated representative.

The State Department of Transportation has developed test methods for testing the quality of materials and Work. These test methods are identified by a California Test followed by the serial number. Copies of individual tests are available at the State Department of Transportation Laboratory, Sacramento, California, and will be furnished to interested persons upon request.

Whenever a reference is made in the Supplemental Conditions to a California Test by number, it shall mean the California test in effect on the day the Notice to Contractors for the Work is dated.

Whenever the Supplemental Conditions provide an option between two (2) or more test methods, the Director will determine the test method to be used.

Whenever a Supplemental Condition, manual, or test designation provides for test reports (such as certified mill test reports) from the manufacturer, copies of such reports, identified as to the lot of material, shall be furnished to the Director. The manufacturer's test reports shall supplement the inspection, sampling and testing provisions of this Section 4-1.03 and shall not constitute a waiver of the City's right to inspect. When material which cannot be identified with specific test reports is proposed for use, the Director may at his or her discretion, select random samples from the lot for testing. Testing specimens from the random samples, including those required for retest, shall be prepared in accordance with the referenced Supplemental Conditions and furnished by the Contractor at its expense. The number of such samples and test specimens shall be entirely at the discretion of the Director.

When requested by the Director, the Contractor shall furnish, without charge, samples of

all material entering into the Work, and no material shall be used prior to approval by the Director, except as provided in Section 4-1.04, "Certificates of Compliance," of these General Conditions.

A. Inspection and Access for Testing. The Contractor shall provide safe access for the Director and his or her inspectors to adequately inspect the quality of Work and conformance with the General and Supplemental Conditions. The Contractor shall provide adequate lighting, ventilation, ladders and other protective facilities as may be necessary for the safe performance of inspections.

The Contractor shall submit samples or specimens of such materials to be furnished or used in the Work as the Director may require. The Contractor shall furnish the Director all necessary labor and facilities for such things as excavation in the compacted fill to depths required to take samples.

Inspections, tests, or favorable review by the Director or others shall not relieve the Contractor from its obligations to perform the Work in accordance with the requirements of the Contract Documents.

Work covered without the favorable review or consent of the Director shall, if required by the Director, be uncovered for examination at the Contractor's expense.

If the Engineer, Architect, or Director considers it necessary or advisable that covered Work be inspected or tested by others, the Contractor, at the Director's request, will uncover, expose or otherwise make available for observation, inspection or testing as the Director may require, that portion of the Work in question, furnishing all necessary labor, materials, tools, and equipment. If it is found that such Work is defective, the Contractor will bear all the expenses of such uncovering, exposure, observation, inspection and testing and of

satisfactory reconstruction. If, however, such Work is not found to be defective and the Work was not covered without favorable review of the Director, the Contractor will be allowed an increase in the Contract Price or an extension of the Contract Time, or both, to cover its costs directly attributable to such uncovering, exposure, observation, inspection, testing, and reconstruction and an appropriate Change Order shall be issued.

Whenever the Contractor varies the period during which Work is carried on each Day, the Contractor shall give due notice to the Director so that proper inspection may be provided. Any Work done in the absence of the Director may be subject to rejection. Proper facilities for safe access for inspection to all parts of the Work shall at all times be maintained for the necessary use of the Director and other agents of the City. Authorized representatives and agents of the Director shall be permitted access to inspect all Work and materials wherever it is required for preparation of progress reports, and the Contractor shall provide proper facilities for such access and inspection.

It is the Contractor's responsibility to supervise the Work and complete the project in accordance with the Contract Documents. In the course of managing that effort, the Contractor shall generate its own punch lists as deemed necessary. The Director may prepare punch lists for the Director's own use in communicating with the Contractor; however, the Director shall be under no obligation to prepare punch lists for the Contractor. In general, the Director will prepare punch lists only after the Contractor has given the Director written notice that the subject Work is completed and tested in accordance with the Contract Documents and is ready for operation and/or use and/or occupancy. Failure of the Director to include an item in a punch list shall not relieve the Contractor of its duty to satisfactorily complete all Work required by the Contract Documents.

Upon Final Completion of the construction Work and request by the Contractor, the Director will conduct a final inspection as a basis for recommending to the City that the Work be accepted.

B. Field and Materials Testing. Where the Supplemental Conditions require Work to be specially field tested or approved, it shall be tested only in the presence of the Director after timely notice of its readiness for inspection and test, and the Work after testing shall be covered up only upon the consent thereto of the Director.

The results of any tests made are for the information of the Director. Regardless of any test results, the Contractor is solely responsible for the quality of workmanship and materials and for compliance with the requirements of the Contract Drawings and Supplemental Conditions.

Except as specifically required under the Supplemental Conditions, all tests by the Director of materials furnished by the Contractor will be done in accordance with commonly recognized standards of national organizations. The Contractor shall furnish such samples of all materials as required by the Director without charge. No material shall be used unless it has been favorably reviewed by the Director.

Where such inspection and testing are to be conducted by an independent Laboratory or agency, the sample or samples of materials to be tested shall be selected by such Laboratory or agency, or the Director, and not by the Contractor.

C. Costs of Testing.

1. Initial Services: The City shall furnish and pay for all initial testing services required by the Contract Documents. When initial tests indicate non-compliance with the Contract Documents, the cost of initial tests associated with that non-compliance will be

deducted by the City from the balance owed the Contractor. The Contractor shall furnish samples of materials for testing as may be required by the Director. Such samples shall be furnished without cost to the City.

2. Retesting: When initial tests indicate non-compliance with the Contract Documents, all subsequent retesting occasioned by the non-compliance shall be performed by the same testing Laboratory and the cost thereof will be deducted by the City from the balance owed the Contractor. Contractor shall be billed for each additional test.

3. Contractor Convenience Testing: Inspection or testing performed exclusively for the Contractor's convenience shall be the sole responsibility of the Contractor.

4. Additional Tests and Inspections: When in the opinion of the Director additional tests or inspections are required because of the manner in which the Contractor executes its Work, such tests and inspections shall be paid for by the City, but will be deducted from the Contract Price. Examples of such tests and inspections are tests of materials substituted for previously accepted materials or substituted for specified materials, retests made necessary by failure of material to comply with the requirements of the Specifications, load tests made necessary because of portions of the structure not fully meeting Specifications or plan requirements, etc.

4-1.04 **CERTIFICATES OF COMPLIANCE.** A Certificate of Compliance shall be furnished prior to the use of any materials for which the Supplemental Conditions require that such a Certificate be furnished. In addition, the Director may permit the use of certain materials or assemblies prior to sampling and testing if accompanied by a Certificate of Compliance. The Certificate shall be signed by the manufacturer of the material or the manufacturer of assembled materials and shall state that the materials involved comply in all

respects with the requirements of the Supplemental Conditions. A Certificate of Compliance shall be furnished with each lot of such materials delivered to the Work and the lot so certified shall be clearly identified in the Certificate.

All materials used on the basis of a Certificate of Compliance may be sampled and tested at any time. The fact that material is used on the basis of a Certificate of Compliance shall not relieve the Contractor of responsibility for incorporating material in the Work which conforms to the requirements of the Contract Documents and any such material not conforming to such requirements will be subject to rejection whether in place or not.

The Department reserves the right to refuse to permit the use of material on the basis of a Certificate of Compliance.

The form of the Certificate of Compliance and its disposition shall be as directed by the Director.

SECTION 5

LEGAL RELATIONS AND RESPONSIBILITY

5-1.01 **LAWS TO BE OBSERVED.** The Contractor shall keep informed of and observe, and comply with and cause all of its agents and employees to observe and comply with, all prevailing Federal and State laws, and rules and regulations made pursuant to said Federal and State laws, and county and municipal ordinances, and regulations, which in any way affect the conduct of the Contract. If any conflict arises between provisions of the Contract and any such law above referred to, the Contractor shall notify the Director at once in writing. To the fullest extent allowed by law, the Contractor shall defend, indemnify, and save and hold harmless the City or any of its officers, agents, employees, and volunteers against any claim or liability arising from or based on the violation of any such law, rule, or regulation, whether by itself or its agents or employees.

5-1.02 **HOURS OF LABOR.** Eight (8) hours labor constitutes a legal Day's work. The Contractor or Subcontractor shall, as a penalty to City, forfeit Twenty-five Dollars (\$25) for each worker employed in the execution of the contract by the respective Contractor or Subcontractor for each calendar day during which such worker is required or permitted to work more than eight (8) hours in any one (1) calendar day and forty (40) hours in any one (1) calendar week in violation of the provisions of the Labor Code, and in particular, Section 1810 to Section 1815, thereof, inclusive, except that Work performed by employees of Contractors in excess of eight (8) hours per day, and forty (40) hours during any one (1) week, shall be permitted upon public work upon compensation for all hours worked in excess of eight (8) hours per day at not less than one and one-half (1-1/2) times the basic rate of pay, as provided in said

Section 1815. In addition, Contractor and/or its Subcontractors may be required to pay double the basic rate of pay for all hours worked in excess of twelve (12) hours in any workday and under other circumstances. (See California Code of Regulations, Title 8, Sections 16100(c)(6) and (16200(a)(3)(F) and applicable Department of Industrial Relations prevailing wage determinations.)

5-1.03 **NONDISCRIMINATION.**

A. Attention is directed to Labor Code Section 1735, which reads as follows:

“A contractor shall not discriminate in the employment of persons upon public works on any basis listed in subdivision (a) of Section 12940 of the Government Code, as those bases are defined in Sections 12926 and 12926.1 of the Government Code, except as otherwise provided in Section 12940 of the Government Code. Every Contractor for public works who violates this section is subject to all the penalties imposed for a violation of this chapter.”

B. During the performance of this Contract, Contractor and its Subcontractors shall not unlawfully discriminate against any employee or applicant for employment because of 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. The Contractor and Subcontractors shall insure that the evaluation and treatment of their employees and applicants for employment are free of such discrimination. The Contractor and Subcontractors shall comply with the provisions of the California Fair Employment and Housing Act (Government Code §12900, et seq.) and the applicable regulations promulgated thereunder (California Code of Regulations, Title 2, §7285.0 et seq.) and other applicable State and Federal regulations and City

policies pertaining to nondiscrimination and affirmative action which are incorporated into this Agreement by reference and made a part hereof as if set forth in full. The Contractor and its Subcontractors shall give written notice of their obligations under this clause to labor organizations with which they have a collective bargaining or other agreement.

C. Contractor shall include the nondiscrimination and compliance provisions of this clause in all subcontracts to perform Work under the agreement.

5-1.04 **PREVAILING WAGE.** The Contractor and any Subcontractor shall comply with Labor Code Sections 1770 et seq. In accordance with said Section 1775 the Contractor and any Subcontractor under the Contractor shall, as a penalty, forfeit to the state or City not more than \$200 for each calendar day or portion thereof, for each worker paid less than the prevailing rate as determined by the Director of Industrial Relations for the work or craft in which such worker is employed for under the Contract by the Contractor or by any Subcontractor under the Contractor.

The amount of the penalty shall be determined by the Labor Commissioner based on consideration of both of the following: (a) whether the failure to pay the correct rate of per diem wages was a good-faith mistake and, if so, whether the error was promptly and voluntarily corrected when brought to the attention of the Contractor or Subcontractor; and (b) whether the Contractor or Subcontractor has a prior record of failing to meet its prevailing wage obligations.

The penalty may not be less than forty dollars (\$40) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, unless the failure of the Contractor or Subcontractor to pay the correct rate of per diem wages was a good faith mistake and, if so, the error was promptly and voluntarily corrected when brought to the attention of the Contractor or Subcontractor.

The penalty may not be less than eighty dollars (\$80) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, if the Contractor or Subcontractor has been assessed penalties within the previous three (3) years for failing to meet its prevailing wage obligations on a separate contract, unless those penalties were subsequently withdrawn or overturned.

The penalty may not be less than one hundred twenty dollars (\$120) for each calendar day, or portion thereof, for each worker paid less than the prevailing wage rate, if the Labor Commissioner determines that the violation was willful, as defined in subdivision (c) of Section 1777.1 of the Labor Code.

If the amount due under this section is collected from the Contractor or Subcontractor, any outstanding wage claim under Chapter 1 (commencing with Section 1720) of Part 7 of Division 2 of the Labor Code against the Contractor or Subcontractor shall be satisfied before applying that amount to the penalty imposed on that Contractor or Subcontractor pursuant to this section.

The determination of the Labor Commissioner as to the amount of the penalty shall be reviewable only for an abuse of discretion.

In addition to said penalty, 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 the Contractor or Subcontractor.

If a worker employed by a Subcontractor on a public works project is not paid the general prevailing per diem wages by the Subcontractor, the Contractor is not liable for any penalties described above unless the Contractor had knowledge of that failure of the Subcontractor to pay

the specified prevailing rate of wages to those workers or unless the Contractor fails to comply with all of the following requirements:

1. The contract executed between the Contractor and the Subcontractor for the performance of work on the public works project shall include a copy of the provisions of Sections 1771, 1776, 177.5, 1813, and 1815 of the Labor Code.
2. The Contractor shall monitor the payment of the specified general prevailing rate of per diem wages by the Subcontractor to the employees, by periodic review of the certified payroll records of the Subcontractor.
3. Upon become aware of the Subcontractor's failure to pay its workers the specified prevailing rate of wages, the Contractor shall diligently take corrective action to halt or rectify the failure, including, but not limited to, retaining sufficient funds due the Subcontractor for work performed on the public works project.
4. Prior to making final payment to the Subcontractor for work performed on the public works project, the Contractor shall obtain an affidavit signed under penalty of perjury from the Subcontractor that the Subcontractor has paid the specified general prevailing rate of per diem wages to its employees on the public works project and any amount due pursuant to 1813 of the Labor Code.

Pursuant to Section 1775 of the Labor Code, the Division of Labor Standards Enforcement shall notify the Contractor on a public works project within fifteen (15) Days of the receipt by the Division of Labor Standards Enforcement of a complaint of the failure of a Subcontractor on that public works project to pay workers the general prevailing rate per diem wages.

Pursuant to the provisions of California Labor Code Section 1773, the City has obtained

the general prevailing rate of wages applicable to the categories of workers the City anticipates will be utilized for this project 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 worker concerned or, if no collective bargaining applies, those holidays identified in Government Code Section 6700. 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 incorporated herein as a part of this Contract.

Pursuant to Labor Code Section 1773.2, the general prevailing wage rates set forth above, which forms a part of this Contract, shall be posted by the Contractor at a prominent place at the site of the Work.

Pursuant to Labor Code Section 1773.6 and California Code of Regulations Section 16204, Title 8, changes in general prevailing wage determinations shall apply to the project only if issued by the Director of Industrial Relations prior to the City's bid issuance date.

The City will not recognize any claim for additional compensation because of the payment by the Contractor of any wage rate in excess of the prevailing wage rate set forth in the Contract. The possibility of wage increases is one of the elements to be considered by the Contractor in determining its Bid, and will not under any circumstances be considered as the basis of a claim against the City or Contract.

When both California and Federal prevailing wage rates apply, the Contractor and any Subcontractors shall pay their workers the higher of the two rates. The Contractor and any Subcontractors shall insert this clause in any lower tier contract.

5-1.05 **REGISTRATION REQUIRED AS QUALIFICATION TO BID.**

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 contractor 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. 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 public work pursuant to Section 1725.5.

5-1.06 **PAYROLL RECORDS.** The Contractor's attention is directed to the following provisions of Labor Code Section 1776. The Contractor shall be responsible for the compliance with these provisions by its Subcontractors.

A. The Contractor and each Subcontractor shall keep accurate and current payroll records, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker, or other employee employed by it in connection with the public work. Each payroll record shall contain or be verified by a written declaration that is made under penalty of perjury, stating both of the following:

1. The information contained in the payroll record is true and correct.
2. The employer has complied with the requirements of Section 1771, 1811, and 1815 for any work performed by his or her employees on the public works project.

B. The payroll records enumerated under subdivision (A) shall be available for inspection at all reasonable hours at the principal office of the Contractor on the following

basis:

1. A certified copy of an employee's payroll record shall be made available for inspection or furnished to such employee or his or her authorized representative on request.

2. A certified copy of all payroll records enumerated in subdivision (A) shall be made available for inspection or furnished upon request to a representative of the City, the Division of Labor Standards Enforcement, and the Division of Apprenticeship Standards of the Department of Industrial Relations. The City reserves the right to withhold any progress payments to the Contractor in the event of noncompliance with the subsection.

3. A certified copy of all payroll records enumerated in subdivision (A) shall be made available upon request by the public for inspection or for copies thereof. However, a request by the public shall be made through either the City, the Division of Apprenticeship Standards, or the Division of Labor Standards Enforcement. The public shall not be given access to such records at the principal office of the Contractor.

C. The certified payroll records shall be on forms provided by the Division of Labor Standards Enforcement or shall contain the same information as the forms provided by the Division.

D. Each Contractor shall file a certified copy of the records enumerated in subdivision (A) with the entity that requested the records within ten (10) Days after receipt of a written request.

E. Any copy of the records made available for inspection as copies and furnished upon request to the public or any public agency by the City, the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement shall be marked or

obliterated to prevent disclosure of an individual's name, address and social security number.

The name and address of the Contractor awarded the Contract or Subcontractor performing the Contract shall not be marked or obliterated. Any copy of records made available for inspection by, or furnished to, a joint labor-management committee established pursuant to the federal Labor Management Cooperation Act of 1978 (Section 175a of Title 29 of the United States Code) shall be marked or obliterated only to prevent the disclosure of an individual's name and social security number. A joint labor-management committee may maintain an action in a court of competent jurisdiction against an employer who fails to comply with Section 1774. The court may award restitution to an employee for unpaid wages and may award the joint labor-management committee reasonable attorneys' fees and costs incurred in maintaining the action. An action under this subdivision may not be based on the employer's misclassification of the craft of a worker on its certified payroll records. Nothing in this subdivision limits any other available remedies for a violation of this section.

F. The Contractor shall inform the City of the location of the records enumerated under subdivision (A), including the street address, city and county, and shall, within five (5) business days, provide a notice of a change of location and address.

G. The Contractor shall have ten (10) Days in which to comply subsequent to receipt of written notice requesting the records enumerated in subdivision (A). In the event that the Contractor or Subcontractor fails to comply within the ten (10) Day period, the Contractor shall, as a penalty to the State or City, forfeit twenty-five (\$25) Dollars for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, these penalties shall be withheld from any progress payment or final payment then due. A contractor

is not subject to a penalty assessment pursuant to this section due to the failure of a Subcontractor to comply with this section.

5-1.07 **SAFETY REQUIREMENTS.** 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 Work 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 Work Site 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 IIPP (Illness and Injury Prevention 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 Contractor shall designate a safety officer and have in place a health and safety plan in accordance with the laws of State of California and conduct safety meetings and document them in accordance with the law. The Contractor shall have the safety record available for inspection during working hours and shall submit job site safety meeting reports with each Application for Payment.

Prior to Contractor commencing construction project work on City property, Contractor

shall make available copies of its Health and Safety Plan (HASP) that meets or exceeds applicable Cal/OSHA regulations. The Contractor's HASP shall also meet or exceed the requirements of any applicable City-wide or departmental specific Injury and Illness Prevention Programs (IIPP) and other HASP programs, procedures, and plans. Potentially applicable HASP programs, procedures, and plans include, but are not limited to, the following:

1. Bloodborne Pathogens Exposure Control Plan;
2. Confined Space Entry Procedure;
3. Electrical Safety Program (Lockout/Tagout);
4. Emergency Action Plans (Site Specific);
5. Fire Prevention Plans (Site Specific);
6. Hazardous Waste Operations Emergency Response Plan (or Equivalent);
7. Hazard Communication Program (SDS's and Right-to-Know training);
8. Heat Illness & Prevention Plan;
9. Hearing Conservation Program;
10. Hot Work/Welding Procedure;
11. Job Hazard Analyses/Standard Operating Procedures;
12. Traffic Control & Flagging;
13. Excavation/Dig Safe Procedure;
14. Fall Protection Plan;
15. Personal Protective Equipment Plan;
16. Respirable Crystalline Silica Exposure Control Plan;
17. Respirator Program;
18. Soils Management Plan (for contaminated soils); and

19. Transite (Asbestos) Pipe Work Procedure.

Additionally, Contractor shall be responsible for complying with all City-wide and departmental specific safety requirements as identified in the Supplemental Conditions or presented at a pre-construction meeting.

Contractor shall inform City in advance of the quantity of chemical(s) to be used for the project and the total quantity of chemical(s) that will be brought onto City property. In addition, Contractor shall provide City with one copy of the Safety Data Sheet (SDS) for each chemical expected to be used to complete the project and for each chemical brought to the Work Site, regardless of whether such chemicals are ultimately used for the project.

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 its operations.

To ensure compliance with California Labor Code Section 6705, the Contractor shall submit to the City, at least five (5) Days in advance of excavation of any trench five feet (5') or more in depth, Working Drawings to the Director showing the design of shoring, bracing, sloping and other provisions to be made for worker protection from the hazard of caving ground during the excavation of such trench or trenches. If such Working Drawings vary from the shoring system standards established by the Cal/OSHA Construction Safety Orders of the Division of Industrial Safety, the plan shall be prepared and signed by a registered civil or structural engineer in the State of California. 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 and nothing in this section shall be deemed to allow the use of a shoring, sloping or protective system less effective than that required by the Cal/OSHA Construction Safety Orders of the Division of Industrial Safety Contractor's Working Drawings shall be subject to approval insofar as the details affect the character of the finished Work and for compliance with design requirements applicable to the construction when specified or called for, but details of the design will be left to Contractor who shall be responsible for the successful construction of the Work. The City shall approve Working Drawings before any Work involving such drawings is performed. Approval and/or 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 its registered engineer.

The Contractor shall 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 and shall bear full and exclusive responsibility for any release of hazardous or non-hazardous chemicals or substances during the course of the Work. The Contractor shall immediately report any such release to the City. The Contractor shall be solely responsible for all claims and expenses associated with the response to, removal and remediation of the release, including, without limitation, payment of any fines or penalties levied against the City by any agency as a result of such release and shall defend, indemnify, and save and hold harmless the City, its officers, agents, employees, and volunteers from any claims arising from such release. For purposes of this section only, the term "claims" shall include:

1. All notices, orders, directives, administrative or judicial proceedings, fines, penalties, fees, or charges imposed by any governmental agency with jurisdiction; and
2. Any claim, cause of action, or administrative or judicial proceeding brought against the City, its officers, agents, employees, and volunteers for any loss, cost (including reasonable attorneys' fees), damage or liability, sustained or suffered by any person or entity, including the City.

If the performance of the Work creates any hazardous wastes, those wastes shall be properly disposed of according to federal, state, and local laws, at the expense of the Contractor. The Contractor shall dispose of the wastes under its own EPA Generator Number. In no event shall the City be identified as the generator. The Contractor shall notify the City of any such hazardous wastes and the City reserves the right to a copy of the results of any tests conducted on the wastes, and, at its cost, to perform additional tests or examine those wastes, prior to disposition. The Contractor shall defend, indemnify, and save and hold harmless the City, its

officers, agents, employees, and volunteers from any claims arising from the disposal of the hazardous wastes, regardless of the absence of negligence or other malfeasance by the Contractor. Disposal of all Hazardous Materials must be done in accordance with all laws and regulations. Copies of required regulatory documentation including copies of final manifests shall be supplied to the City.

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 including, but not limited to, California Code of Regulations Section 1529, Title 8.

Nothing in these General Conditions 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.

5-1.08 **SUBSURFACE EXCAVATIONS, NOTIFICATION.** The Contractor shall contact the regional notification center, "Underground Service Alert," and schedule its Work to allow ample time for the center to notify its members and, if necessary, for any member to field locate and mark its facilities. Without limiting the foregoing, the Contractor's attention is directed to Government Code Sections 4216 to 4216.9, and in particular Section 4216.2.

5-1.09 **PUBLIC SAFETY.** The Contractor shall assume all responsibility for public safety during the performance of its Work, and all costs arising therefrom shall be included in the Contract Price. Whenever the Contractor's operations create a condition hazardous to traffic or to the public, it shall furnish, erect and maintain, at its expense, such fences, barricades, lights, signs, and other devices and take such other protective measures as are

necessary to prevent accidents or damage or injury to the public. The Contractor shall establish the pedestrian detours with comparable lighting to the original pedestrian areas. The Contractor shall arrange for such flaggers as are necessary to give adequate warning to traffic or to the public of any dangerous conditions affecting traffic. For Work in a public right-of-way, the Contractor shall comply with the rules and regulations of the State, County, or local agency that owns the right-of-way.

The Contractor shall promptly and fully comply with and carry out, and shall without separate charge therefor to the City, all safety and first aid requirements prescribed by all applicable Federal, State, and local laws and regulations, rules, and orders. The Work shall be done in a safe manner; and the Contractor shall safeguard the safety and health of its employees, Subcontractors, and the people of local communities. The Contractor shall also be reasonable for ensuring that its Subcontractors comply with the provisions of this section.

Upon the failure of the Contractor to comply with any of the requirements of this section, the City shall have the authority, but not the duty, to stop the Work until such failure is remedied. The Contractor shall not be entitled to an adjustment of the Contract Time or an increase in the Contract Price due to any such suspensions.

When required by the Contract Documents, the Contractor shall construct, maintain, and remove detours for use of public traffic, without additional cost to the City, unless separate payment is specified in the Special Provisions.

The failure or refusal of the Contractor to construct and maintain detours at the proper time shall be sufficient cause for closing down the work until such detours are in satisfactory condition for use by public traffic.

Due care shall be exercised to avoid injury to existing improvements or facilities, utility

facilities, adjacent property and trees, shrubs, and other plants that are not to be removed.

Trees, shrubs and other plants that are not to be removed, and pole lines, fences, signs, survey markers and monuments, buildings and structures, conduits, pipe lines, sewer and waterlines, highway facilities, and any other improvements or facilities, under or above ground, that are within or adjacent to the work limit line shall be protected from injury or damage and the Contractor shall provide and Install suitable safeguards to protect such objects from injury or damage. If such objects are injured or damaged by reason of the Contractor's operations, they shall be replaced or restored at the Contractor's expense. The facilities shall be replaced or restored to a condition as good as when the Contractor entered upon the Work Site, or as good as required by the Contract Documents if any such objects are part of the Work. The City may make or cause to be made such temporary repairs as are necessary to restore to service any damaged facility. The cost of such repairs shall be borne by the Contractor, and the costs may be deducted from any monies due or to become due to the Contractor under the Agreement.

The fact that any underground facilities is not shown on the Contract Drawings shall not relieve the Contractor of its responsibility pursuant to "Utility Facilities" in Section 2-1.12 elsewhere in the Contract Documents. It shall be the Contractor's responsibility, pursuant thereto, to ascertain the location of such underground improvements or facilities, which may be subject to damage by reason of its operations.

Full compensation for furnishing all labor, materials, tools, equipment and incidentals, and for doing all the Work involved in protecting or repairing property as specified in this section, shall be considered as included in the prices paid for the various Contract items of work and no additional compensation will be allowed therefor.

5-1.10 **EMERGENCIES.** In an Emergency affecting the safety of life, the

Work, or adjoining property, the Contractor, without special instructions or authorization from the City, shall act at its discretion to prevent such threatened loss or injury. In such an Emergency, the Contractor may perform such additional work as is reasonably required. Any compensation claimed by the Contractor on account of Work performed to an Emergency shall be determined in accordance with the provisions relating to Force Account payment contained elsewhere in the Contract Documents.

5-1.11 **APPRENTICES.** Attention is directed to Labor Code Sections 1777.5, 1777.6 and 1777.7 and Title 8, California Code of Regulations Section 200 et seq. In accordance with Section 1777.5, the Contractor shall secure the necessary certificates and shall contribute to the apprenticeship fund or funds, as provided therein. The Contractor shall require each Subcontractor who will perform work or labor or render service to the Contractor in or about the construction of the work to fully comply with Sections 1777.5 and 1777.6 of the Labor Code. To insure compliance and complete understanding of the law regarding apprentices, and specifically the required ratio thereunder, each Contractor or Subcontractor should, where some questions exist, contact the Division of Apprenticeship Standards, , or one of its branch offices prior to commencement of Work on the public works Contract. Responsibility for compliance with this section lies with the prime Contractor.

It is State and City policy to encourage the employment and training of apprentices on public works Contracts as may be permitted under local apprenticeship standards.

5-1.12 **FAIR LABOR STANDARDS ACT.** Attention is invited to the fact that the City has been advised by the Wage and Hour Division, U.S. Department of Labor, that Contractors engaged in construction Work are required to meet the provisions of the Fair Labor Standards Act of 1958 and as amended (52 Stat. 1060).

5-1.13 **WORKERS' COMPENSATION.** Pursuant to the requirements of Labor Code Section 1860, the Contractor will be required to secure the payment of workers' compensation to its employees in accordance with the provisions of Labor Code Section 3700.

Prior to the commencement of Work, the Contractor shall sign and file with the Director a certification in the following form:

"I am aware of the provisions of Labor Code Section 3700 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."

5-1.14 **AIR POLLUTION CONTROL AND ASBESTOS.** The Contractor shall comply with all air pollution control rules, regulations, ordinances and statutes which apply to any Work performed pursuant to the Contract, including any air pollution control rules, regulations, ordinances and statutes, specified in Government Code Section 11017.

In the absence of any applicable air pollution control rules, regulations, ordinances or statutes governing solvents, all solvents, including but not limited to the solvent portions of paints, thinners, curing compounds, and liquid asphalt used on the project shall comply with the applicable material requirements of the applicable Air Quality Management District. All containers of solvent, paint, thinner, curing compound, or liquid asphalt shall be labeled to indicate that the contents fully comply with said requirements.

Unless otherwise provided in the Supplemental Conditions, material to be disposed of shall not be burned, either inside or outside the Premises.

The Contractor shall also 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, 40 C.F.R. Part 61, Subpart M, and California Code of Regulations Section 1529, Title 8.

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.

5-1.15 **USE OF PESTICIDES.** The Contractor shall comply with all local, state and federal rules and regulations of the Department of Food and Agriculture, the Department of Health, the Department of Industrial Relations and all other agencies which govern the use of pesticides required in the performance of the Work.

Pesticides shall include but shall not be limited to herbicides, insecticides, fungicides, rodenticides, germicides, nematocides, bactericides, inhibitors, fumigants, defoliants, desiccants, soil sterilants, and repellents.

Any substance or mixture of substances intended for preventing, repelling, mitigating, or destroying weed, insects, diseases, rodents, or nematodes and any substance or mixture of substances intended for use as a plant regulator, defoliant or desiccant shall be considered as pesticide.

5-1.16 **SOUND AND LIGHT CONTROL REQUIREMENTS.** The Contractor shall comply with all local sound control, light control, and noise level rules, regulations and ordinances which apply to any Work performed pursuant to the Contract. Work shall not begin before 7 a.m. nor occur after 7 p.m., unless otherwise permitted by the City.

Each internal combustion engine, used for any purpose on the Work or related to the Work, shall be equipped with a muffler, in good working order, of a type recommended by the manufacturer. No internal combustion engine shall be operated on the project without said

muffler.

5-1.17 **WEIGHT LIMITATIONS.** Unless expressly permitted elsewhere in the Contract Documents, the Contractor shall not operate construction equipment or vehicles of any kind which, laden or unladen, exceed the maximum weight limits set forth in Division 15 of the Vehicle Code over completed or existing base, surfacing, pavement or structures.

5-1.18 **ENVIRONMENTAL CLEARANCES; MITIGATION MONITORING PROGRAMS; AND REGULATORY AGENCY PERMIT REQUIREMENTS.** The Department will obtain all environmental clearances and other authorizations necessary for this project as set forth in the Contract Documents. The Contractor shall comply with the provisions, including giving notices during construction when required, of said authorizations. In the event the obtaining of said authorizations delays completion of all or any portion of the Work, an extension of time determined pursuant to the provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions will be granted.

Contractor shall comply with: (1) all mitigation identified in the mitigation monitoring program (attached to and adopted as a component of the mitigated negative declaration or Environmental Impact Report) to mitigate impacts to protected natural resources; and (2) all related permit requirements issued by the regulatory agencies authorizing the project. Contractor shall defend, indemnify, and save and hold harmless the City, its officers, agents, employees, and volunteers from any fines, claims, suits, actions or regulatory sanctions of every name, kind and description brought forth, or on account of, damage to protected natural resources from or arising out of Contractor's negligence or willful misconduct in the performance of this Agreement.

5-1.19 **PERMITS AND LICENSES.** The Contractor acknowledges and agrees that, prior to the submission of its bid for the Work, it fully familiarized itself with the

requirements of all applicable federal, state, county and municipal laws, codes, rules, and regulations, as well as the conditions of any required licenses and permits.

The Contractor shall procure all permits and licenses, including any applicable building permits (except those procured or to be procured by the City which are listed elsewhere in the Contract Documents), in coordination with the Director, pay all charges and fees, and give all notices necessary and incident to the due and lawful prosecution of the Work. Contractor shall be responsible for applying, paying all fees, and coordination for obtaining all permits for completion of the Work. All permits and licenses shall be obtained in sufficient time to prevent delays to the Work. Contractor will apply to the City for reimbursement for such permits costs. Accordingly, Contractor should not include the anticipated costs for permits in its bid, as the necessary permit costs will be reimbursed by the City.

The California Environmental Quality Act (Public Resources Code, Section 21000 to 21177) may be applicable to permits, licenses and other authorizations which the Contractor must obtain from State or local agencies in connection with performing the Work. The Contractor shall comply with the provisions of that Act in obtaining such permits, licenses and other authorizations, and all permits, licenses and other authorizations shall be obtained in sufficient time to prevent delays to the Work.

The Contractor shall maintain the applicable Contractor's license as identified in the Notice to Contractors and City business license for the duration of the Work.

5-1.20 **WATER POLLUTION.** The Contractor shall comply with all water pollution control rules, regulations, ordinances and statutes which apply to any Work performed pursuant to the Contract, including any water pollution control rules, regulations, and statutes, specified by the most current State of California NPDES General Permit for Stormwater

Discharges Associated with Construction Activity.

The Contractor shall take all necessary precaution to protect streams, vernal pools, ponds, reservoirs, and lakes from pollution with fuels, oils, bitumen, calcium chloride, and other harmful materials as consistent with the law. Also, the Contractor shall conduct and schedule operations so as to avoid discharging pollutants, such as but not limited to: sediment and silt to the storm drain system. The storm drain system consists of all facilities that are designed to convey stormwater to the Waters of the State as defined in the California Water Code. The storm drain system includes, but is not limited to, all streets, gutters, drain inlets, roadside ditches, streams, vernal pools, ponds, and lakes. Care shall be exercised to preserve roadside vegetation beyond the limits of construction.

5-1.21 **PROTECTION AND USE OF PROPERTY.** The Contractor shall be responsible for and provide and maintain all proper temporary walkways, covered walkways, barriers, roads, guards, railings, lights, warning signs, and take precaution at all times to avoid injury or damage to any person or any property, and upon completion of the Work, or at other times as directed, restore Premises and adjacent property to a proper condition. In the event of such injury or damage, Contractor shall report such injury and damage to City within forty-eight (48) hours of occurrence.

The Contractor shall protect adjoining property and nearby buildings, including City buildings, City roads, and public streets or roads, from dust, dirt, debris, or the nuisance arising out of the Contractor's operations or storage practices, and, if ordered by the Director, the Contractor shall provide and Install suitable safeguards, approved by the Director, to protect such objects from damage. If such objects are damaged by reason of the Contractor's operations, they shall be replaced or restored at the Contractor's expense.

If the Contractor damages any buildings, roads, utilities, or other property which belong to the City, or any Department or agency thereof, then the Director, at his or her option, may retain from the money due under the Contract an amount sufficient to insure repair of the damage.

The Director may make or cause to be made such temporary repairs as are necessary to restore to service any such damaged facility. The cost of such repairs shall be borne by the Contractor and may be deducted from any moneys due or to become due the Contractor under the Contract.

5-1.22 **RESPONSIBILITY FOR DAMAGE AND INDEMNIFICATION.**

The City of Roseville, its officers, agents, employees, and volunteers, including but not limited to the Director and his or her designee, 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 other 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, its workers, or anyone employed by the Contractor or the Contractor's 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 and hold harmless the City, and its respective officers, agents, Subcontractors, employees, and volunteers, and the successors and assigns of

any of them, (hereinafter referred to as "Indemnitees") from and against all claims, demands, liability, suits, actions, costs or expenses for any and all loss or damage, including but not limited to, personal injury, property damage, or economic loss, arising out of or resulting from allegations of (1) Contractor's use of the City's property or any activities or Work performed hereunder by the Contractor; (2) the Contractor's performance of the Work under the Agreement; or (3) the Contractor's breach of any provision of the Agreement. The duty of the Contractor to indemnify and save harmless includes the duties to defend as set forth in Civil Code Section 2778. The only exception to these provisions is that the Contractor's obligations under this section will not apply to the extent that the claims, demands, liability, suits, actions, costs or expenses are caused by Indemnitees' active negligence, willful misconduct, criminal acts, or for defects in design furnished by the Indemnitees, misconduct, criminal acts, or for defects in design furnished by the Indemnitees.

The Contractor waives any and all rights to any type of express or implied indemnity against the City, its officers, agents, employees, or volunteers.

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.

Any person, firm or corporation that Contractor authorizes to Work on the City's property including Subcontractors, shall be deemed to be an agent of the Contractor for purposes herein, shall be subject to all the applicable terms herein, and shall be within the scope of the Contractor's indemnity obligation described herein.

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 Department 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) 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 7-1.07, "Progress Payments," of these General Conditions.

C. If the City has 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 matter for which such retention was made, the Department shall be liable for interest on the amount retained at the legal rate of interest for the period of such retention.

5-1.23 **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 (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.

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.

5-1.25 **THIRD PARTY BENEFICIARY.** No provisions in the Contract Documents shall in any way inure to the benefit any third party (including the public at large or any member thereof) so as to constitute such person a third party beneficiary of the Contract, or of any term or condition or other provision of the Contract or otherwise give rise to any cause of action in any person not a party to the Agreement, except as expressly provided elsewhere in the Contract Documents.

5-1.26 **COORDINATION AND ACCESS.** The Contractor acknowledges that the City may award, or has already awarded, other construction contracts for additional work or may perform additional work with its own forces and that such work may affect the Work under this Agreement. Additionally, the Contractor acknowledges that the State and other public and private agencies may be granted a right-of-entry by the City for the purpose of constructing

facilities within and adjacent to the Work Site. It is the obligation of the Contractor to coordinate its Work with the work of others working within or adjacent to the City's property.

During performance of its Work, the Contractor shall not have exclusive access to or use of the work areas. The City may also require that certain facilities and areas be used concurrently by the Contractor and by other contractors working in the area. When two (2) or more contractors are employed on related or adjacent City work, each shall conduct its operations in such a manner as not to cause any unnecessary delay or hindrance to the other. Each contractor shall be responsible to the other for all damage to any work, to persons or property caused to the other by its operations, and for loss caused to the other due to any unnecessary delays or failure to finish the work within the time specified for completion.

If any party of the Contractor's Work depends on the work of any other contractor and/or the City for proper execution and/or results, the Contractor shall promptly notify the City of any discrepancies and/or defects in said other work that would render its work unsuitable for proper execution and/or results prior to proceeding with the Contractor's own Work. If it becomes necessary, the City will resolve coordination and access problems.

The Contractor and its representative in charge of the Work shall familiarize themselves with the City's property and Work Site, and adjacent surroundings in the vicinity of said Work, and any private or public operations on adjoining properties.

5-I.27

OCCUPANCY BY THE DEPARTMENT PRIOR TO

ACCEPTANCE. The City may at any time notify the Contractor in writing that it intends to take Beneficial Occupancy of any portion of the Work even though the Work may not be substantially complete. Unless the reason for the City's taking Beneficial Occupancy is that the Contractor has not completed the Work (or portions thereof) in accordance with the Contract

Time, the City's Beneficial Occupancy shall relieve the Contractor from its responsibility for maintenance, loss or damage to that portion of the Work for which the City has taken Beneficial Occupancy other than that resulting from the Contractor's act or omission, negligence, willful misconduct or breach of warranty.

Should the Work (or portion thereof) not be completed in accordance with the Construction Schedule within the Contract Time (as adjusted under the terms of the Contract Documents), the City shall have the right, but not the obligation, to take Beneficial Occupancy of the Work. In such event, the Contractor shall not be entitled to any additional compensation on account of said occupancy by the City, nor shall the Contractor be relieved of any of its responsibilities under the Contract Documents, including, without limitation, Contractor's obligation to complete the Work in accordance with the Construction Schedule.

Beneficial Occupancy shall not be deemed an Acceptance by the City either of the Work or of any portion thereof, nor will it relieve the Contractor of full responsibility for correcting defective Work or materials found at any time before the formal written Acceptance of the entire Contract by the Director or during the full warranty period after such Acceptance, as provided in Section 7-1.12, "Warranty," of these General Conditions.

The City's Beneficial Occupancy shall not relieve the Contractor of its responsibility to maintain all insurance and bonds required under the Contract Documents until the entire project is accepted by the City.

5-1.28 **RIGHT TO OPERATE UNSATISFACTORY FACILITIES AND EQUIPMENT.** If, after Installation, the operation or use of the facilities or equipment to be furnished under this Contract proves to be unsatisfactory to the Director, the City shall have the right to operate and use such facilities or equipment until they can, without damage to the City,

be taken out of service for correction or replacement. Such period of use of the defective facilities or equipment, pending correction or replacement, shall in no way decrease the warranty period required for the acceptable corrected or replaced facilities or equipment.

5-1.29 **CONTRACTOR'S RESPONSIBILITY FOR THE WORK.** Except as otherwise provided herein, the Contractor shall have the charge and care of the Work and shall bear the risk of injury or damage to any part of the Work by the action of the elements or from any other cause whether arising from the execution or from the nonexecution of the Work until the Acceptance of the Contract by the Director. The Contractor shall rebuild, repair, restore, and make good all injuries or damages to any portion of the Work occasioned by any cause before its completion and Acceptance, and shall bear the expense thereof. In case of suspension of Work from any cause whatever, the Contractor shall be responsible for the Work and it shall also be responsible for all materials, and shall properly store them if necessary, and shall provide suitable drainage and erect temporary structures where necessary.

The Contractor will be relieved of responsibility for any injury or damage to the Work caused by the following:

- A. An earthquake in excess of a magnitude of 3.5 on the Richter Scale or a tidal wave, when the effect of such has been proclaimed a disaster or state of emergency by the Governor of the State of California or by the President of the United States, or was of such magnitude at the site of the Work as to have been sufficient to have caused a proclamation of disaster or state of emergency, had it occurred in a populated area.
- B. Occupancy and use by the Department or the public prior to the completion of the entire project.
- C. Acts of the Federal Government or the public enemy.

5-1.30 **RESPONSIBILITY FOR UTILITIES.** The Contractor shall be

responsible at its own cost for any and all Work, expense or special precautions caused or required by the existence or proximity of utilities encountered in performing the Work, including without limitation, repair of any or all damage and all hand or exploratory excavation required. The Contractor is cautioned that such utilities may include communication cables or electrical cables which may be high voltage, and when working or excavating in the vicinity of such cables, or the ducts enclosing such cables, the Contractor shall undertake at its own cost any special precautions required. Suitable warning signs, barricades, and safety devices shall be erected as necessary or required.

However, if during the course of the Work the Contractor encounters utility Installations which are not shown or indicated in the Contract Documents or which are found in a location substantially different from that shown, and such utilities are not reasonably apparent from visual examination, then the Contractor shall promptly notify the Director in writing. Where necessary for the Work of the Contract, the Director shall issue a written order to the Contractor to make such adjustments, rearrangement, repair, removal, alteration, or special handling of such utility, including repair of the damaged utility. The Contractor shall perform the Work described in such written order, and compensation therefor will be made in accordance with Section 3 of these General Conditions relating to changes in the Work. Except for the items of cost specified in said Section 3, the Contractor shall receive no compensation for any other cost, damage, delay, interference, or hindrance to him or her due to the presence of such utility. If the Contractor fails to give the notice specified above and thereafter acts without instructions for the Director, then the Contractor shall be liable for any or subsequent to discovery thereof, and the Contractor shall repair and make good such damage at its own cost.

The precise location of underground facilities can only be determined by careful probing or hand digging in compliance with Article 6 of the Cal/OSHA Construction Safety Orders which states in part:

“Prior to opening an excavation, effort shall be made to determine whether underground installations, i.e., sewer, water, fuel, electric lines, etc., will be encountered, and if so, where such underground installations are located. When the excavation approaches the approximate location of such an installation, the exact location shall be determined by careful probing or hand digging, and, when it is uncovered, adequate protection shall be provided for the existing installation.”

The location of known existing utilities and pipelines are shown on the Contract Drawings in their approximate locations. Some of the locations include multiple conduits. The Contractor shall exercise care in avoiding damage to those facilities which are to remain in service subsequent to the construction of the particular new facility involved and the Contractor will be held responsible for any repairs if damaged. The Contractor shall also exercise care in maintaining those pipes and facilities required for continuing operation of the existing facilities until such time as they can be abandoned. There is no guarantee that all utilities or obstructions are shown on the Contract Drawings or that the locations indicated are accurate.

The Contractor shall exercise extreme caution in working in the area adjacent to the existing pipelines and utility services. It is essential that all the existing facilities be maintained in service. Construction of the connections between the existing facilities and the new facilities shall be at times and during periods acceptable to the City. The Contractor shall advise the Director in writing of its proposed Construction Schedule for these connections at least forty-eight (48) hours in advance.

The Contractor shall uncover all piping and conduits, to a point one foot (1') below the pipe, where crossings, interferences, or connections are shown on the Contract Drawings, prior to trenching or excavating for any pipe or structures, to determine actual elevations. New pipelines shall be laid to such grade as to clear all existing facilities which are to remain in service. If the Contractor does not expose all required utilities, it shall not be entitled to additional compensation for Work necessary to avoid interferences nor for repair to damaged utilities. Excavations around underground electrical ducts and conduits shall be performed using extreme caution to prevent injury or damage to workers and to the electrical ducts or conduits.

5-1.31 **PROPERTY RIGHTS IN MATERIALS.** Nothing in the Contract shall be construed as vesting in the Contractor any right of property in the materials used after they have been attached or affixed to the Work or soil or after partial payment has been made as provided in Section 7-1.07, "Progress Payments," of these General Conditions for material delivered on the ground or stored subject to or under the control of the City and unused. All such material shall become the property of the City upon being so attached or affixed or upon payment for materials delivered on the ground or stored subject to or under the control of the City and unused, as provided in said Section 7-1.07.

5-1.32 **COURT ORDERED DELAY.** If, pursuant to court order, the Department temporarily suspends performance of all or any portion of the Work, an extension of time determined pursuant to the provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions will be granted.

5-1.33 **NO PERSONAL LIABILITY.** Neither the Director, nor any other officer or authorized employee of the City, shall be personally responsible for any liability arising under or by virtue of the Contract.

5-1.34 **RIGHTS IN LAND AND IMPROVEMENTS.** The Contractor shall make no arrangements with any person or entity to permit occupancy or use of any land, structure or building within the limits of the Work, for any purpose whatsoever, either with or without compensation, in conflict with any agreement between the City and any third party owner, former owner, or tenant of such land, structure or buildings. The Contractor shall not occupy City-owned property outside the limit of the Work shown on the Contract Drawings unless it obtains prior approval.

5-1.35 **ANTITRUST CLAIMS.** The Contractor's attention is directed to the following provision of Public Contract Code Section 7103.5(b), which is applicable to the Contractor and its Subcontractors:

“ In entering into a public works contract or a subcontract to supply goods, services, or materials pursuant to a public works contract, the contractor or subcontractor offers and agrees to assign to the awarding body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2 [commencing with Section 16700] of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, services, or materials pursuant to the public works contract or the subcontract. This assignment shall be made and become effective at the time the awarding body tenders final payment to the contractor, without further acknowledgement by the parties.”

5-1.36 **RIGHTS TO DRAWINGS, TECHNICAL DATA PATENTS.** Shop

Drawings and Working Drawings submitted to the City by the Contractor, Subcontractor or any lower tier Subcontractor pursuant to the Agreement, are the property of the City and the City may use, and disclose in any manner and for any purpose, Shop Drawings and Working Drawings delivered under the Contract.

Technical Data including manuals or instructional materials, computer or microprocessor software which are delivered or submitted to the City by the Contractor, Subcontractor, or any lower tier Subcontract pursuant to the Contract are the property of the City, and the City may use or disclose same in any manner and for any purpose.

The Contractor shall assume all costs arising from the use of patented materials, equipment, devices, or processes used on or incorporated in the Work, and shall defend, indemnify and save and hold harmless the City, and its duly authorized representatives, from all suits at law, or in equity, and actions of every nature for, or on account of the use of any patented materials, equipment, devices or processes. In case some materials, equipment, devices or processes are held to constitute an infringement and their use enjoined, the Contractor, at its expense, shall:

1. Secure for the City the right to continue using said materials, equipment, devices or processes by suspension of the injunction or by procuring a license or licenses; or
2. Replace such materials, equipment, devices, processes; or
3. Modify them so that they become non-infringing or remove the enjoined materials, equipment, devices or processes and refund the sums paid therefor without prejudice to any other rights of the City.

5-1.37 **PAYMENT OF TAXES.** Contractor shall pay all taxes and duties applicable to and assessable against any Work, equipment, materials, services, processes, and

operations incidental to or involved in the Agreement, including but not limited to, retail sales and use, transportation, export, import, business, and special taxes. The Contractor is responsible for ascertaining and acquainting itself with such taxes and making all necessary arrangements to pay them. The Contractor will maintain records that are auditable records, and these records shall be subject to the City's review to verify that Contractor's tax payments are current at all times.

The Contract Price paid for the Work shall include full compensation for all taxes which the Contractor is required to pay, whether imposed by Federal, State or local government, including, without being limited to, Federal excise tax. No tax exemption certificate nor any document designed to exempt the Contractor from payment of any tax will be furnished to the Contractor by the Department, as to any tax on labor, services, materials, transportation, or any other items furnished pursuant to the Contract.

The Contractor shall withhold and pay any and all sales and use taxes, withholding taxes, whether Federal, State, or local, Social Security taxes, State Unemployment Insurance charges and all other taxes which are now or hereafter may be required to be paid or withheld under any laws.

5-1.38 **GRATUITIES AND CONFLICT OF INTEREST.** The Contractor shall not offer or provide gratuities in the form of gifts, entertainment, loans, meals, rewards, and/or services to representatives of the City, including but not limited to, officers, employees, agents, Engineering Service Consultants, Consulting Engineers and Architects, Inspectors and/or Testing Agencies retained by the City. If it is found that the Contractor has violated this provision, the Contract may be subject to termination for default as defined elsewhere in these General Conditions.

During the term of the Contract and until the final payment has been made to the Contractor, the Contractor shall not employ or compensate in any manner whatsoever, the City's officers, employees and authorized representatives, agents, and any Engineering Service Consultants, Consulting Engineers and Architects, Inspectors, and/or Testing Agencies retained by the City. Any exception to the employment or compensation to any of the above named parties must be made in writing by the City. If the Contractor offers or provides employment or compensation to those named above during the term of the Contract, the Contract may be subject to termination for default.

5-1.39 **COOPERATION.** Should construction be under way by City forces or other forces or by other Contractors within or adjacent to the limits of the Work or should Work of any other nature be under way by such forces within or adjacent to said limits, the Contractor shall cooperate with all such forces to the end that any delay, interference or hindrance to their Work will be avoided. The right is reserved to perform other or additional Work at or near the site at any time, by the use of such forces.

5-1.40 **DIGGING TRENCHES OR OTHER EXCAVATIONS.** In the event any work involves digging trenches or other excavations that extend deeper than four feet (4') below the surface, City and Contractor shall comply with the following:

A. The Contractor shall promptly, and before the following conditions are disturbed, notify City in writing of any:

1. Material that the Contractor believes may be material that is hazardous waste, as defined in Section 25117 of the Health and Safety Code, that is required to be removed to a Class I, Class II, or Class III disposal site in accordance with provisions of existing law.

2. Subsurface or latent physical conditions at the site differing from those made available to Contractor for inspection as provided in the project proposal.

3. Unknown physical conditions at the site of any unusual nature, different materially from those ordinarily encountered and generally recognized as inherent in Work of the character provided for in the Contract.

B. The City shall promptly investigate the conditions, and if it finds that the conditions do materially so differ, or do involve hazardous waste, and cause a decrease or increase in the Contractor's cost of, or the time required for, performance of any part of the Work shall issue a Change Order under the procedures described in the Contract.

C. In the event that a dispute arises between the City and the Contractor whether the conditions materially differ, or involve hazardous waste, or cause a decrease or increase in the Contractor's cost of, or time required for, performance of any part of the Work, the Contractor shall not be excused from any scheduled completion date provided for by the Contract, but shall proceed with all work to be performed under the Contract. The Contractor shall retain any and all rights provided either by contract or by law which pertain to the resolution of disputes and protests between the contracting parties. However, no claim of the Contractor under this clause shall be allowed unless the Contractor has given the notice required by this Section. No claim by the Contractor for an equitable adjustment hereunder shall be allowed if asserted after final payment under this Contract.

5-1.41 **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, the Contractor and its subcontractors shall have a continuing legal obligation to maintain current

registration with the Department of Industrial Relations. The Contractor is hereby notified that this project is subject to compliance monitoring and enforcement by the Department of Industrial Relations.

5-1.42 **CITY OF ROSEVILLE ENCROACHMENT PERMITS AND**

RIGHTS-OF-WAY. 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 and City Engineer.

To the extent indicated in the Contract Drawings, the City will provide the rights-of-way over private lands or the site to enable the Contractor to perform its work. The Contractor shall be solely responsible for securing any additional rights-of-way desired by the Contractor. The City will not be a party to nor assume any liability for any separate agreements reached between the Contractor and any third parties with respect to these additional rights-of-way. The Contractor shall procure evidence that agreements are in place with said third parties before the Contractor uses those areas covered by the agreements. Any damage to such private lands caused by the Contractor's operations shall be the sole responsibility of the Contractor.

5-1.43 **CALIFORNIA AIR RESOURCES BOARD REGULATIONS.** The

Contractor shall comply with any applicable regulations of the California Air Resources Board ("CARB") set forth below.

A. **In-Use Off-Road Diesel-Fueled Fleets.** If the Contractor will use vehicles subject to Cal. Code Regs., tit. 13, §§ 2449 et seq. for the project, it shall submit a valid

Certificate of Reported Compliance to the City as provided in § 2449(n).

B. Advanced Clean Fleets. Pursuant to Cal. Code Regs., tit. 13, § 2013(i)(1), the Contractor shall submit to the City either a signed statement stating that it is not subject to the High Priority and Federal Fleets regulation of title 13, CCR section 2015 through 2015.6, or a document evidencing that it is listed on the CARB Advanced Clean Fleets webpage as a compliant fleet.

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 6
PROSECUTION AND PROGRESS

6-1.01 **SUBLETTING AND SUBCONTRACTING.** The Contractor shall be responsible for all Work performed under the Contract. The Contractor shall give its personal attention to the fulfillment of the Contract and shall keep the Work under its control. Nothing in the Contract Documents shall create any contractual relationship between the City and any Subcontractor. The Contractor is fully responsible to the City for the acts and omissions of its Subcontractors of any tier. When any Subcontractor fails to prosecute a portion of the Work in a manner satisfactory to the Director, that Subcontractor shall not again be employed on the Work. Although the sections of the Contract may be arranged according to various trades, or general grouping of the Work, the Contractor is not obligated to sublet the Work in such manner. The Director will not arbitrate disputes among Subcontractors or between Contractor and one or more Subcontractors concerning responsibility for performing any part of the Work.

The on-site production of materials produced by other than the Contractor's own forces shall be considered as subcontracted. The erection, establishment or reopening of on-site plants for production of materials and the operation thereof in the production of materials for use on the Work shall conform to the requirements relating to labor set forth in the Contract Documents.

The Contractor shall also be responsible for coordinating the Work performed by Subcontractors and Suppliers.

The Contractor shall not substitute any person as Subcontractor in place of a Subcontractor listed on its bid proposal without the written approval of the Director. Substitutions must be in accordance with the provisions of the "Subletting and Subcontracting

Fair Practices Act” beginning with Public Contract Code Section 4100. Violations of this Act by the Contractor may subject it to penalties which may include cancellation of Contract, Assessment of ten percent (10%) of the Subcontractor's bid, and disciplinary action by the Contractors State License Board.

The Contractor shall pay any Subcontractors approved by the City for work that has been satisfactorily performed no later than seven (7) Days from the date of Contractor's receipt of progress payments by the City. Within seven (7) Days after receipt from the City of funds attributable to work performed by a Subcontractor, Contractor shall release any retainage payments withheld to the Subcontractor. In the event Contractor does not make progress payments or release retention to Subcontractors in accordance with the time period specified herein, Contractor may be subject to prompt payment penalties per statute.

6-1.02 **ASSIGNMENT.** The performance of this Contract may not be assigned, except upon the written consent of the City Council of the City of Roseville. Consent will not be given to any proposed assignment which would relieve the original Contractor or its surety of their responsibilities under the Contract nor will the City consent to any assignment of a part of the Work under the Contract.

The Contractor may assign moneys due or to become due to it under the Contract and such assignment will be recognized by the City, if given proper notice thereof, to the extent permitted by law, but any assignment of moneys shall be subject to all proper set-offs in favor of the City and to all deductions provided for in the Contract and particularly all money withheld, whether assigned or not, shall be subject to being used by the City for the completion of the Work in the event that the Contractor should be in default therein.

6-1.03 **BEGINNING OF WORK.** After the execution of the Contract by both

parties, the City will issue the Notice to Proceed upon its determination that it is appropriate for the Contract Time to commence.

The Contractor shall begin Work within fifteen (15) Days after receiving the Notice to Proceed from the Director, subject to the requirements stated elsewhere in the Contract Documents regarding, among other things, the submittal of Baseline Schedule, and shall diligently prosecute the same to completion within the time limit provided in the Supplemental Conditions. Contractor shall also achieve any and all Contract milestones as described elsewhere in the Contract Documents.

The Contractor shall notify the Director, in writing, of its intent to begin Work at least seventy-two (72) hours before Work is begun. The notice shall be delivered to the Director and shall specify the date the Contractor intends to start. If the project has more than one (1) location of Work, a separate notice shall be given for each location.

The Contractor is not authorized to perform any Work until it has received a Notice to Proceed from the City. Should the Contractor begin Work in advance of receiving notice that the Contract has been approved as above provided, any Work performed by it in advance of the said date of approval shall be considered as having been done by the Contractor at its own risk and as a volunteer unless said Contract is so approved thereafter.

6-1.04 **PROGRESS SCHEDULE.**

A. **Preliminary Progress Schedule.** The Contractor shall submit to the Director, within twenty (20) Days after date of the Notice to Proceed, a Preliminary Progress Schedule covering the Contractor's activities over the first three (3) months of operation in detail and the remainder of the project in summary. The Preliminary Progress Schedule shall schedule the project within the Contract Time for completion of the Work, and shall be subject to

favorable review by the Director.

B. CPM Schedule. The Contractor shall submit an acceptable Critical Path Method (CPM) Schedule to the Director within thirty (30) Days after the receipt of the Notice to Proceed. Subsequent revisions to said schedule shall be submitted as set forth hereinafter. The requirement for the CPM schedule is included to allow for adequate planning and execution of the Work, to determine the critical nature of delays, and to assist the Director in appraising the reasonableness of the proposed schedule and evaluating progress of the Work. The CPM schedule submitted under this Section shall utilize a CPM format, either the precedence or arrow diagramming method. The definitions of CPM terms and functions shall be as provided in the Associated General Contractors of America book *CPM in Construction, A Manual for General Contractors*, or a favorably reviewed alternative publication or reference. No progress payment will be made prior to submission and acceptance of the CPM Schedule.

1. The CPM schedule system shall consist of diagrams and accompanying mathematical analyses. The diagrams shall show elements of the project in detail and an entire project summary. Diagrams shall show the order and interdependence of activities and sequence in which the Work is to be accomplished as planned by the Contractor. The basic concept of a network analysis diagram shall be followed to show how the start of a given activity is dependent on the completion of preceding activities and its completion restricts the start of following activities. Detailed network activities shall include, in addition to construction activities, the submittal and favorable review of samples of material and Shop Drawings, the procurement of critical materials and equipment, fabrication of special material and equipment, and their Installation and testing. All activities of the City and the Director that affect progress and required Contract dates for completion of all or parts of the Work shall be shown. The

selection and number of activities shall be subject to favorable review by the Director. Summary networks shall be time scaled. Durations shall be in Days and shall not exceed fifteen (15) Days, except for submittal and delivery items. Where the duration of continuous Work exceeds fifteen (15) Days, Work items in the Construction Schedule shall be subdivided by location, approximate stationing or other sub-element of the Work.

The graphic network diagram shall include for each activity, the description, activity number, the estimated duration in Days, and all activity relationship lines. The network diagram shall be drawn for the early start of activities. All significant Submittals shall be scheduled along with manual Submittals and training on all large or critical pieces of equipment. If the precedence technique is utilized, the schedule project shall include a calendar in Work Days, a network report sorted by early start and a logic table report sorted by preceding Work item. If the arrow technique is utilized, the schedule report shall include a calendar in Work Days, a network report sorted by early start, a network report sorted by I-J numbers, and a network sorted by slack time and I-J numbers.

2. The critical path shall be shown on all reports and on the graphic network diagram. The activities which constitute the critical path shall be identified.

3. The mathematical analysis of the network diagram shall include a tabulation of each activity. The following information shall be furnished as a minimum for each activity:

- (a) preceding and following event numbers
- (b) activity description and number
- (c) estimated duration of activities
- (d) earliest start date (by calendar date)

- (e) earliest finish date (by calendar date)
- (f) actual start date (by calendar date)
- (g) actual finish date (by calendar date)
- (h) latest start date (by calendar date)
- (i) latest finish date (by calendar date)
- (j) slack or float
- (k) percentage of activity completed

4. The program shall be capable of accepting revised completion dates as modified by approved time adjustments and recomputations of all tabulation dates and float accordingly.

5. Submission and review of the system shall be as follows:

(a) The complete network analysis system, consisting of the detailed network mathematical analysis and network diagrams, shall be submitted within thirty (30) Days after receipt of the Notice to Proceed.

(b) The Contractor shall participate in a review and evaluation of the proposed network diagrams and analysis by the Director. Any revisions necessary as a result of this review shall be resubmitted for review by the Director within ten (10) Days. When completed, the favorably reviewed schedule shall then be the schedule to be used by the Contractor for planning, organizing and directing the Work and for reporting progress. If the Contractor thereafter desires to make significant changes in its method of operating and scheduling, the Contractor shall notify the Director in writing stating the reasons for the change.

(c) The Contractor shall submit at monthly intervals a report of the actual construction progress. Each monthly report shall cover a period of approximately thirty

(30) Days ending around the 20th of each month. The monthly reports shall be submitted within ten (10) Days of the end of the reporting period.

(1) If the project is proceeding on schedule, the monthly update report may consist of a marked-up copy of the graphical network diagram. This submittal shall clearly indicate the status of any minor shifts in sequence or schedule and the estimated completion date or percent complete of all activities currently in progress. The Contract completion date shall also be indicated. The Contractor shall submit a narrative report relating to status of construction, the schedule, and factors which may affect the remainder of the schedule. The report shall show the activities or portions of activities completed during the reporting period. The report shall state the percentage of the Work actually completed and scheduled as of the report date and the progress along the critical path in terms of Days ahead or behind the allowable dates.

(2) If, in the opinion of the Director, the project is behind schedule, the monthly report shall include a revised network diagram and/or mathematical analysis showing the Contractor's proposed revised schedule. An analysis of the effect that the delay has on progress along other paths shall also be included in the report. The Contractor shall also submit a narrative report with each updated analysis which shall include but not be limited to a description of current and anticipated problem areas, delaying factors and their impact, and an explanation of corrective actions taken or proposed.

(3) Periodic report shall be submitted in sufficient copies to cover Contractor needs plus five (5) copies and an available electronic copy to be retained by the Director.

6. To the extent that the favorably reviewed initial Construction Schedule, or revisions thereto, indicate anything not jointly agreed upon, it shall be deemed to be not favorably reviewed by the Director. Any omission of Work from the detailed schedule, otherwise required for Contract compliance, will not excuse the Contractor from completing such Work within any applicable completion date. The CPM schedule shall be generated by computer methods.

C. Schedule Review. Once each month, on a date mutually agreed upon, but no later than seven (7) business days after the monthly schedule progress report date, a Work Site meeting will be held to review the Construction Schedule and job progress. The Contractor shall also attend weekly meetings scheduled by the Director to review the progress of the Work in the preceding week and in the subsequent week, coordinate the Work with public agencies or other Contractors as required, and allow the Director to plan his or her activities for testing, inspection, etc.

D. Schedule Revisions. The conditions under which the Director will require revisions of the Construction Schedule include the following:

1. When delay in completion of any Work item or sequence of Work items results in an estimated extension of project completion by either twenty (20) business days or by ten percent (10%) of the remaining duration of time to complete the Contract, whichever is less.
2. When delays in Submittals or deliveries make replanning or rescheduling of the Work necessary.
3. When the schedule does not represent actual prosecution and progress of the Work.

4. When any change to the sequence of activities, the completion date for major portions of the Work, or when changes occur which affect the critical path.

5. When Contract Amendments or a Change Order necessitates schedule revision, the Contractor shall submit a schedule analysis of all Change Order Work with its proposal.

E. Cash Flow Projection. A cash flow projection shall be submitted with the Construction Schedule. This cash flow projection shall be revised and resubmitted when revisions of the Construction Schedule will result in changes to the projected cash flow.

F. Schedules showing project completion dates earlier than specified in the Supplemental Conditions will be rejected unless justification can be provided for early completion.

6-1.05 **SCHEDULE OF VALUES.** Prior to preparation of the first estimate for a progress payment, the Contractor shall submit for favorable review by the Director a detailed Schedule of Values or cost breakdown of the Work under each bid item awarded. The breakdown will then become the basis for partial payment determination. Elements of Work shall be grouped by structure, pipeline, system, etc. Within each grouping, Work should be itemized by readily measurable quantities of Work complete in place. For example, concrete should be in units of cubic yards including form Work and reinforcing steel. Move-on costs, bond and insurance costs, and Overhead costs shall not be considered an item of cost for this purpose but shall be prorated over items of Work. In the event the Schedule of Values is not favorably reviewed by the Director, another Schedule of Values shall be submitted that is mutually acceptable to the Contractor and the Director.

6-1.06 **CITY'S RIGHT TO STOP WORK.** The Director shall have the

authority to order the Contractor, in writing, to suspend the Work wholly or in part, for such period as the Director may deem necessary due to the failure on the part of the Contractor to correct Work that is not in accordance with the requirements of the Contract Documents or if Contractor persistently fails to carry out Work in accordance with the Contract Documents.

The Contractor shall immediately comply with the written order of the Director to suspend the Work wholly or in part. The suspended Work shall be resumed when conditions are favorable and methods are corrected, as ordered or approved in writing by the Director.

Any stoppage of work under this section shall be at the Contractor's sole expense, and the Contractor shall have no claim against the City based on the Contractor's failure to perform the Work in accordance with the Contract Documents.

In addition to the City's right to stop Work, the City may order the Contractor to submit to the City at no additional cost to the City, additional information concerning Contractor's planned Work if the Contractor fails to promptly correct Work that is not in accordance with the requirements of the Contract Documents or persistently fails to carry out Work in accordance with the Contract Documents. The additional information ordered by the City may include, but is not limited to, preparation of Submittals or Working Drawings not otherwise required to be submitted under the Contract Documents.

In the event the City discovers that the Contractor has created an unsafe condition the City may arrange for other work forces to remedy the condition. Such remedial work shall be at the sole discretion of the City. If this action is required, the City may unilaterally terminate Work under the Contract, and will pay only for the quantities of Work actually performed, less the cost of the City's remedial Work. In the event that Work is not halted, the Contractor must take immediate steps to correct the situation. There will be no extra payment for Work required

to correct unsafe conditions.

The right of the City to suspend the Work shall not give rise to a duty on the part of the City to exercise this right for the benefit of the Contractor or any other person or entity. This right shall be in addition to and not in restriction or derogation of the City's other rights under the Contract Documents.

In the event of a suspension of Work under any of the conditions set forth in this Section 6-1.06, such suspension of Work shall not relieve the Contractor of its legal responsibilities as set forth in these General Conditions.

6-1.07 **TIME OF COMPLETION.** The Contractor shall complete the entire Work, including Installation, repairs, startup, troubleshooting, painting, and touchup, training, submittal or record drawings, and manuals, cleanup, demobilization, and all other Work within the number of Days set forth in the Supplemental Conditions. The time for completion includes an allowance for working time lost due to normal inclement weather.

Extensions of time may be allowed for unusual inclement weather under the provisions hereinafter described. Unusual inclement weather is weather which adversely affects "controlling" operations or the critical path of construction and which meets one of the following criteria:

A. For the particular calendar month in question, the number of individual Days with rainfall exceeding 0.10 inches exceeds the average number of such Days for that month over the immediately preceding five (5) years of record by at least three (3) Days.

B. For the particular calendar month in question, the total cumulative rainfall for that month exceeds the average cumulative rainfall for that month over the immediately preceding five (5) years of record by at least two inches (2").

Rainfall shall be measured at a publicly operated, maintained, and reported station in reasonable proximity to the construction site. A claim for delay shall indicate the period of rainfall which is claimed as “unusual,” the specific dates during which the unusual rainfall and subsequent wet soil conditions prevented Work, and the specific critical path tasks adversely affected by such unusual weather. A claim for delay due to unusual inclement weather shall be filed within ten (10) Days of the apparent end of the unusual inclement rainfall period, whether or not the monthly totals are available at that time. The burden of proof that weather meets the criteria for unusual weather shall be solely the responsibility of the Contractor.

It is the responsibility of the Contractor to order materials required for the Work properly and promptly on a Notice to Proceed. If evidence presented demonstrates that, in spite of the Contractor's efforts, government-established priorities controls delay material deliveries, suitable extension of time will be made.

If performance of extra Work ordered by the City or failure of the City to provide the necessary site for Installation affects construction tasks which are “controlling” or which are on the “critical path” of the Construction Schedule, suitable extensions of time will be made.

The Contractor shall not be entitled to a time extension for delays in activities on non-critical paths of the favorably reviewed schedule unless the duration of the excusable delay exceeds the total float of the activities being delayed. If the duration of an excusable delay does exceed the total float of the activities affected by the delay, the Contractor shall be entitled to an extension equal to the difference.

C. Determination that a day is a non-working day by reason of inclement weather or conditions resulting immediately therefrom, shall be made by the Director.

6-1.08 **LIQUIDATED DAMAGES.** It is agreed by the parties to the Contract

that in case all the Work called for under the Contract in all parts and requirements is not completed within the number of Days as set forth in the Supplemental Conditions, damage will be sustained by the City and that it is and will be impracticable and extremely difficult to ascertain and determine the actual damage which the City will sustain in the event of and by reason of such delay; and it is therefore agreed that the Contractor will pay to the City, the monetary amount indicated in the Supplemental Conditions in dollars (U.S.) per day for each and every calendar day of delay in completing the Work in excess of the number of Days prescribed and the number of additional calendar days, if any, authorized by Contract Change Order; and the Contractor agrees to pay said Liquidated Damages herein provided for, and further agrees that the City may deduct the amount thereof from any moneys due or that may become due the Contractor under the Contract.

It is further agreed that in case the Work is not finished and completed in all parts and requirements within the number of Days specified, the City shall have the right to increase the number of Days or not, as it may deem best to serve the interest of the City, and if it decides to increase the said number of Days, it shall further have the right to charge to the Contractor, its heirs, assigns or sureties and to deduct from the final payment for the Work all of any part, as it may deem proper, of the actual cost of engineering, inspection, superintendence, and other Overhead expenses which are directly chargeable to the Contract, and which accrue during the period of such extension, except that cost of preparation of final statement shall not be included in such charges.

6-1.09

DELAYS AND EXTENSIONS TO THE WORK. The Contractor must

complete all Work within the time specified in the Agreement. The Contractor will be granted an extension of time and will not be assessed with liquidated damages or the cost of engineering

and inspection for any delay in substantially completing the Work (or parts thereof) beyond the time set forth in the Agreement, provided that such delay was caused by unforeseeable causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include acts of public enemy, fire, floods, abnormal weather (as described below), earthquakes, epidemics, quarantine restrictions, strikes, labor disputes and freight embargoes, fire, changes made pursuant to the provisions of "Changes in the Work" under Section 3 of these General Conditions or acts or neglect of the City not contemplated by the Contract Documents. In all cases, any extension of time is conditioned on the following:

1. That the cause is not due to the fault or negligence of the Contractor, and the Contractor has taken reasonable precautions to prevent and minimize the effects thereof; and
2. That the Contractor notifies the Director in writing within three (3) Days from the beginning of such delay specifying the nature of the delay and the measures that have been or will be taken to prevent or minimize the delay. Failure to submit written notice within this time period shall constitute an absolute waiver of any claim for a time extension.

No extension of time will be granted for a delay caused by a shortage of materials, unless the Contractor furnishes to the City documentary proof that it has diligently made every effort to obtain such materials from all known sources within reasonable reach of the work and further proof, as acceptable to the Director, that the inability to obtain such materials when originally planned did in fact cause a delay in Final Completion of the entire Work which could not be compensated for by revising the sequence of the Contractor's operations. Only the physical shortage of material will be considered as a cause for extension of time, and no consideration

will be given to any claim that material could not be obtained at a reasonable, practical or economical cost or price, unless it is shown to the satisfaction of the City that such material could have been obtained only at exorbitant prices entirely out of line with current rates, taking into account the quantities involved and the usual practices in obtaining such quantities.

No extension of time will be granted for a delay caused by Contractor's staff turnovers, understaffing or insufficient quantity of qualified staff able to perform the necessary work.

The term "shortage of materials," as used in this section, shall apply only to materials, articles, parts or equipment which are standard items and shall not apply to materials, parts, articles or equipment which are processed, made, constructed, fabricated or manufactured to meet the specific requirements of the Contract Documents.

No extensions of time will be granted for delays that have no measureable impact on the completion of the Work (or parts thereof) under the Contract Documents. When extensions of time are granted, they will be limited to the period equivalent to the actual number of Days lost on the critical path or controlling operations of the Construction Schedule, taking into account the extent to which that delay could be decreased by reasonable mitigation measures by the Contractor. All requests for extensions of time must be supported with a critical path analysis showing the critical path and impacts to it. Contractor's failure to submit this analysis will be sufficient cause for denial of any request for a time extension.

Within a reasonable period of time after the Contractor submits the notice and information required by this section, the City will determine whether an extension of time is justified and, if so, the number of days for the extension.

Abnormal weather may be a valid basis for a time extension under the Agreement.

"Abnormal Weather" occurs when the number of days of rain above 0.5 inches in a 24 hour

period exceeds the average for such rainfall in a particular month as determined by the National Weather Service. The Contractor will only be entitled to, at most, a time extension for the number of days of rain exceeding the average for that month in the locale where the Work is to be performed. If delays are caused by the Contractor or those for whom the Contractor is responsible, the Contractor will only be entitled to, at most, a time extension for the number of rain days exceeding the average for the month when the Work should have been performed.

In addition, before a time extension may be granted for abnormal weather, the Contractor must establish that the rain either significantly impacted at least sixty percent (60%) of the planned work of the controlling operations for a particular day or prohibited at least five (5) hours of work on the controlling operations planned for that day. Contractor shall employ reasonably methods to mitigate the impact of abnormal weather (i.e., dewatering, protection of site, etc.) The occurrence of rain during non-work hours or having minimal impact to work on the controlling operation shall not constitute a day of abnormal weather.

In the event that the project experiences favorable weather for a particular month (e.g., the number of actual rain days in a month less than that indicated above for allowable rain days per months), the additional float resulting from such favorable weather shall accrue to the project.

Any Contractor claim for damages or additional compensation based on delay shall be limited to only those circumstances where the Contractor has fulfilled each of the following three (3) requirements:

1. Contractor has established its entitlement to a time extension pursuant to the provisions described above regarding delay and extensions to the Work.
2. The delay was caused solely by the City's issuance of changes made pursuant to the

provisions of “Changes in the Work” under Section 3 of these General Conditions or by acts or neglect of the City.

3. The delay was unreasonable under the circumstances and not within the contemplation of the parties.

It is expressly understood and agreed that delays caused by the City will be non-compensable when there are concurrent delays caused by the Contractor. Also, the Contractor shall have no entitlement to additional compensation for any delay where there have been concurrent delays caused by non-compensable delays, including, but not limited to, fire, floods, earthquakes, epidemics, quarantine restrictions, strikes, labor disputes, and freight embargoes.

Contractor’s damages and/or additional compensation for delays will consist solely of the extended costs of maintaining the Contractor’s Work Site presence. The Contractor will not be entitled to any extended home office overhead.

Compensation for idle time of equipment will be determined in the same manner as determinations are made for equipment used in the performance of extra work paid for on a Force Account basis with the following exceptions:

1. The time for which compensation will be paid will be the actual normal working hours during which such delay conditions exists, but in no case will exceed eight (8) hours in any one day.
2. The days for which compensation will be paid will be each calendar day of the work week (defined elsewhere in the Contract Documents) and Legal Holidays, during the existence of such delay, except that when rental of the equipment is paid for under the provisions in Section 3-1.06C, “Force Account Payment – Equipment,” of these General Conditions, no payment will be made for delays in accordance with the

provisions of this section.

Actual loss shall be understood to include no items of expense other than idle time of personnel, cost of extra moving of equipment, and cost of longer hauls. Compensation for idle time of equipment will be determined as provided in this section and compensation for idle time of personnel will be determined pursuant to Section 3-1.06A, "Force Account Payment – Labor," of these General Conditions. No markup will be added in either case for Overhead and profit. The cost of extra moving of equipment and the cost of longer hauls will be paid for as extra work as provided pursuant to "Changes to the Work" elsewhere in the Contract Documents.

6-1.10 **TERMINATION.**

6-1.10A **TERMINATION OF AGREEMENT – CONVENIENCE OF CITY.** The Department reserves the right to terminate the Contract at any time and for any reason if the Director determines that to do so would be in the best interest of the City. Any termination which is not based on the circumstances set forth in Section 6.1-10B below shall be effected by delivery to the Contractor of a Notice of Termination specifying the extent to which performance of Work under the Contract is terminated, and the date upon which such termination becomes effective.

Upon the Contractor's receipt of a written Notice of Termination for convenience, the Contractor shall cease Work as to those portions of the project so terminated and shall undertake the steps outlined in Section 6-1.10B below.

I. Acceptance of the Contract as hereinafter specified shall not relieve the Contractor of responsibility for damage to materials except as follows:

- a. The Contractor's responsibility for damage to materials for which partial payment has been made as provided in Section 7-1.07, "Progress

Payments,” of these General Conditions and for materials furnished by the City for use in the Work and unused shall terminate when the Director certifies that such materials have been stored in the manner and at the locations he or she has directed.

- b. The Contractor's responsibility for damage to materials purchased by the City subsequent to the issuance of the notice that the Contract is to be terminated shall terminate when title and delivery of such materials has been taken by the City.
- c. When the Director determines that the Contractor has completed the Work under the Contract directed to be completed prior to termination and such other Work as may have been ordered to secure the project for termination, the Contractor will recommend that the City formally accept the Work, and immediately upon and after such Acceptance by the City, the Contractor will not be required to perform any further Work thereon and shall be relieved of its contractual responsibilities for injury to persons or damage to property which occurs after the formal Acceptance of the project by the City.

2. The total compensation to be paid to the Contractor shall be determined by the Director on the basis of the following:

- a. The reasonable cost to the Contractor, without profit, for all Work performed under the Contract, including mobilization, demobilization and Work done to secure the project for termination. Reasonable cost will include a reasonable allowance for project Overhead and general

administrative Overhead not to exceed a total of seven percent (7%) of Direct Costs of such Work.

- b. A reasonable allowance for profit on the cost of the Work performed as determined under subsection (a), provided the Contractor establishes to the satisfaction of the Director that it is reasonably probable that it would have made a profit had the Contract be completed and provided further, that the profit allowed shall in no event exceed four percent (4%) of said cost.
- c. The reasonable cost to the Contractor of handling material returned to the vendor, delivered to the Department or otherwise disposed of as directed by the Director.
- d. A reasonable allowance for the Contractor's administrative costs in determining the amount payable due to termination of the Contract.

All records of the Contractor and the Contractor's Subcontractors, necessary to determine compensation in accordance with this Section, shall be open to inspection or audit by representatives of the Department at all times after issuance of the notice that the Contract is to be terminated and for a period of three (3) years, and such records shall be retained for that period.

After Acceptance of the Work by the Director, the Director may make payments on the basis of interim estimates pending issuance of the Final Statement, when in his or her opinion the amount thus paid, together with all amounts previously paid or allowed, will not result in total compensation in excess of that to which the Contractor will be entitled. All payments, including payment upon the Final Statement, shall be subject to deduction for prior payments and amounts, if any, to be kept or retained under the provisions of the Contract.

In the event that the City terminates this Contract under Section 6-1.10B below and it is determined for any reason that there was not sufficient cause to do so, the City's termination automatically will convert to a termination for convenience under this section and the terms and conditions outlined in this section automatically will be applied to effectuate the Contract termination. Thus, damages to which a Contractor may be entitled as a result of an improper default termination will be limited to the amounts provided for in this section.

The provisions of this section shall be included in all subcontracts.

6-1.10B **TERMINATION OF AGREEMENT - FOR CAUSE.** An

"Event of Default" as referred to in this section shall occur if the Contractor:

1. Fails to maintain progress of the Work in accordance with the requirements of the Contract Documents; or
2. Fails to prosecute the Work or any of its components in accordance with the Contract Documents; or
3. Persistently or repeatedly fails or refuses to supply sufficient properly skilled workers or proper material to permit the performance of the Work in accordance with the Contract Documents; or
4. Fails to make prompt payment to Subcontractors or Suppliers in accordance with the respective agreements between the Contractor and the Subcontractor and Contractor and Supplier; or
5. Fails to comply with applicable laws, ordinances or rules, regulations or orders of a public authority having jurisdiction over the Work; or
6. Abandons, assigns or sublets the Contract without approval of the City; or
7. Becomes bankrupt or is subject to appointment of a receiver on behalf of the

Contractor; or

8. Otherwise is guilty of a substantial breach of a provision of the Contract Documents.

Upon the City's reasonable belief that there has been an Event of Default by the Contractor, the City may elect to give the Contractor written notice thereof. The Contractor thereafter shall cure the default as soon as possible and in no event after ten (10) Days from the Contractor's receipt of the City's written notice.

If the Contractor does not timely cure its default, the City may, without waiver of any of its other rights and remedies, elect to terminate the Contract, or portion thereof.

Upon the City's election to terminate the Contract, or portion thereof, the City shall have the right to complete the Work, or portion involved, by whatever means and methods it deems expedient, including the hiring of others on such terms as the City deems advisable. The City shall have the right to take possession of the Contractor's materials, plant, tools, equipment and property of any kind provided by or on behalf of the Contractor for the purpose of the Work, or a portion of them, without being responsible to the Contractor for wear and tear. The Contractor shall have no rights in such property during its use by the City. The City shall not be required to obtain the lowest prices for completing the Work or a portion of it but shall make such expenditures as, in the City's sole judgment, best accomplish such completion.

The expense of completing such Work or portion thereof, together with a reasonable charge for engineering, managerial and administrative services, as certified by the City, shall be charged to the Contractor, and the expense so charged shall be deducted by the City out of such monies as may be due or may at any time thereafter become due to the Contractor. In case such expense is more than the sum which otherwise would have been payable to the Contractor under the Agreement, then the Contractor or its surety or sureties shall promptly pay the amount of

such excess so due. When the City terminates the Contract under this section, the Contractor shall not be entitled to receive any further payments until the Work is completed and there has been a final settlement of costs of completing the Work covered by such notice of default.

The City will issue to the Contractor a written notice specifying that the Contract, or portion thereof, is terminated. Upon receipt of said written notice and, except as otherwise directed in writing by the City, the Contractor shall:

1. Stop all Work under the Contract; or if partial termination, stop Work relating to the terminated portion of the Agreement;
2. Perform Work the City deems necessary to secure the Work Site for termination including measures to leave the Work Site in a safe condition;
3. Remove equipment from the site of Work, as specified by the City;
4. Take such action as is reasonably necessary to protect materials from damage;
5. Notify all Subcontractors and Suppliers that the Contract or portion thereof is being terminated and that their contracts or orders are not to be further performed unless otherwise authorized in writing by the City;
6. Provide the City with an inventory list of all materials previously produced, purchased or ordered from Suppliers for use in the Work and not yet used in the Work, including its storage location, and such other information as the City may request;
7. Dispose of materials not used in the Work as directed by the Director. It shall be the Contractor's responsibility to provide the City (a) with good title to all materials purchased by the City hereunder, including materials for which partial payment has been made by the City and (b) with bills of sale or other documents of title for such

materials;

8. Subject to the prior written approval of the City, settle all outstanding liabilities and all claims arising out of Subcontractors or orders for materials terminated hereunder.

To the extent directed by the City, the Contractor shall assign to the City all rights, title and interests of the Contractor under subcontracts or orders for materials terminated hereunder. The City shall be at liberty to negotiate with and engage any Subcontractors who had contracted with the Contractor for the Work;

9. Furnish the City with the documentation required to be furnished by the Contractor under the provisions of the Contract Documents, including, on projects as to which Federal funds are involved, all documentation required under the Federal requirements included in the Agreement; and

10. Take such other actions as the City may direct.

If only a portion of the Work has been terminated, the Contractor shall perform the remainder of the Work in conformity with the Contract Documents and in such a manner as not to interfere with the City or others in their performance and completion of the portion of the Work which was terminated.

The City may recover from the Contractor the amount of any loss or damage, including consequential damages, suffered or incurred as a result of the Contractor's default.

SECTION 7

ACCEPTANCE AND PAYMENT

7-1.01 **ACCEPTANCE.** When the Contractor believes that the entire Work is fully and finally completed, including the satisfactory completion of inspections, tests, and documentation specified in the Contract Documents and completion of all punch list and clean-up items, the Contractor shall submit to the City a written request for final Acceptance within fifteen (15) Days thereafter, specifying that the Work is fully and finally completed and the date on which it was completed. Within thirty (30) Days after receipt of the request for final Acceptance, the City will inspect the Work and will either:

1. Reject the request for final Acceptance, specifying the defective and/or uncompleted portions of the Work; or
2. Notify the Contractor that the Work will be accepted by Resolution of the City Council of the City of Roseville, and a Notice of Completion will be caused to be recorded by the City Clerk; or
3. Notify the Contractor that the Work has been accepted by the City but no Notice of Completion will be recorded.

If the City rejects the request for final Acceptance, the Contractor shall promptly remedy the defective and/or uncompleted portions of the Work. Thereafter, the Contractor shall again submit a written request for final Acceptance of the Work, specifying a new date based on the date the defective and/or uncompleted portions of the Work were corrected. Thereafter, the foregoing procedure shall apply successively until the City has verified that the Work is fully and finally completed and accepted the Work by Resolution of the City Council or by written

notification from the Director. Immediately upon such Acceptance, the Contractor shall be relieved of the duty of maintaining the Work as a whole.

All warranties commence upon final Acceptance of the Work. The City's final Acceptance of the Work shall not be construed as an acceptance by the City of any latent defects discovered with regard to the Contractor's work. Furthermore, Contractor's obligations under Section 5-1.22 "Responsibility for Damage and Indemnification" shall still remain applicable after the City's grant of final Acceptance of the Work.

Prior to final Acceptance, the Contractor shall submit to the City the Record Documents and Operation and Maintenance Manuals as specified in the Contract Documents.

7-1.02 **SCOPE OF PAYMENT.** The Contractor shall accept the compensation provided in the Contract as full payment for furnishing all labor, materials, tools, equipment, and incidentals necessary to the completed Work and for performing all Work contemplated and embraced under the Contract; also for loss or damage arising from the nature of the Work, or from the action of the elements, or from any unforeseen difficulties which may be encountered during the prosecution of the Work until the Acceptance by the Director and for all risks of every description connected with the prosecution of the Work, also for all expenses incurred in consequence of the suspension or discontinuance of the Work as provided in the Contract; and for completing the Work according to the Contract. Neither the payment of any estimate nor of any retained percentage shall relieve the Contractor of any obligation to make good any defective Work or material.

No compensation will be made in any case for loss of anticipated profits.

7-1.03 **NOTICE OF POTENTIAL CLAIM.** The Contractor shall not be entitled to the payment of 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 the Contractor has given the City due written Notice of Potential Claim as hereinafter specified, provided, however, that compliance with this Section 7-1.03 shall not be a prerequisite as to matters within the scope of the notice provisions in Section 6-1.07, "Time of Completion," or the notice provisions in Section 6-1.08, "Liquidated Damages," of these General Conditions, nor to any claim which is based on differences in measurement or errors of computation as to correct quantities.

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 seven (7) 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 complete information about its claim for additional compensation and/or extension of time for performance within fifteen (15) 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 General Conditions, including but not limited to Section 7-1.04.

It is the intention of this Section 7-1.03 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 it 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.

7-1.04 **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) 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) 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) 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 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 sixty (60) Days after the City 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 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 resolved in accordance with Section 7-1.05 below.

7-1.05 **DISPUTE RESOLUTION PROCEDURE.** All Claims not resolved

pursuant to Section 7-1.04, shall be resolved pursuant to Public Contract Code Section 10240, et seq.

7-1.06 **STOP PAYMENT NOTICES.** The City, by and through the Department or other appropriate office or officers, may at its option and at any time retain out of any amounts due the Contractor, sums sufficient to cover claims, filed pursuant to Civil Code Section 9350, et seq., including an amount to provide for the reasonable cost of any litigation thereunder.

7-1.07 **PROGRESS PAYMENTS.** Within fifteen (15) Days after the effective date in the Notice to Proceed, but in any event prior to Contractor's first Application for Payment, the Contractor shall submit to the City a detailed Schedule of Values.

Upon its approval, the Schedule of Values will form a basis for determining the compensation payable to the Contractor based on its actual progress of Work with respect to each Lump Sum bid item. The City, prior to any progress payment being made, must approve the Schedule of Values.

At the Director's discretion the approved Schedule of Values may be used as the basis for calculating the adjustment in compensation for a lump sum bid item due to changes ordered by the Director. When an ordered change increases or decreases the quantities shown in an approved Schedule of Values, at the Director's discretion, the adjustment in compensation may be determined in the same manner specified for increases and decreases in the quantity of a bid item of work in accordance with Section 3-1.05(B), "Contract Price Adjustment," of these General Conditions.

The Contractor once in each month shall submit an Application for Payment, for approval by the Director. Contractor's Applications shall be based on the Schedule of Values submitted to the City. These applications shall be supported by: (1) documentation requested by the City to

substantiate the payment request; (2) statutory releases from Contractor and all Subcontractors and suppliers pursuant to Civil Code Sections 8132 and 8138; and (3) certified payroll records for the period for which payment is requested. Specifically, the Contractor will submit conditional waivers upon progress payment executed by all contractors and suppliers that will be receiving sums sought in the instant payment request and also submit unconditional waivers upon progress payment executed by all contractors and suppliers that have been paid to the date of the payment request. The Contractor shall certify that the Work for which payment is requested has been accomplished. When requested by the City, the Contractor shall submit receipts, invoices and other documentation that the City requires to be furnished for purpose of evaluating the application.

The City will pay the Contractor within thirty (30) Days after its receipt of an undisputed and properly submitted Application for Payment, after deducting all previous payments, retention, and other sums as described in the Contract Documents. Within seven (7) Days of its receipt of the Contractor's Application for Payment, the City will determine whether it complies with the provisions of the Contract Documents. As appropriate, the City will return the application to the Contractor accompanied by a document prepared by the City setting forth the reasons for the rejection. Thereafter, the Contractor shall correct and resubmit the Application for Payment. Progress payments may be withheld for Work that is not performed in accordance with the Contract Documents.

The City may deduct the following from each progress payment:

1. An amount equal to one hundred and twenty-five percent (125%) of the amount claimed under any stop payment notice or other lien filed against the Contractor, which includes an amount to provide for the reasonable cost of any litigation

thereunder.

2. Any Liquidated Damages or Assessments that have accrued as of the date of the Application for Payment.
3. Any sums expended by the City in performing any of the Contractor's obligations under the Agreement that the Contractor has failed to perform.
4. Any other sums that the City is entitled to recover from the Contractor under the terms of the Contract including damages to the City's property.
5. The failure of the City to deduct any of the above identified sums from a progress payment shall not constitute a waiver of the City's right to such sums.

No such estimate or payment shall be construed to be an acceptance of any defective Work or improper materials.

Under no circumstances will the City make payment to unlicensed Contractors. As a condition of payment, the Contractor is required to maintain the applicable Contractor's license as identified in the Notice to Contractors for the duration of the Work.

7-1.08 **PAYMENT FOR MATERIALS AND EQUIPMENT ON HAND.**

Partial payments may be made to the extent of seventy-five percent (75%) of the cost of materials and equipment plus delivery to be incorporated in the Work, provided that such materials and equipment meet the requirements of the Contract Documents and are delivered to acceptable sites on the plant site or at other sites in the vicinity that are acceptable to the City and only with the prior written approval by the City. Such delivered costs of stored or stockpiled materials and equipment may be included in the next progress payment after the following conditions are met:

- A. Equipment and materials will only be eligible if given conditional or final

Acceptance by the Director and are in apparent compliance with favorably reviewed Submittals.

B. Only equipment or materials which have received favorable review of Shop Drawings will qualify.

C. The material or equipment has been stored or stockpiled adequately protected against damage in a manner acceptable to the Director at an approved site.

D. The Contractor has furnished the Director with acceptable evidence of the quantity and the quality of such stored or stockpiled materials or equipment with identification of where they will be incorporated into the project with Specification reference.

E. The Contractor has furnished the Director with satisfactory evidence that the material or equipment and transportation costs have been paid.

F. The Contractor has furnished the City legal title (free of liens or encumbrances of any kind) and lien releases to the material or equipment so stored or stockpiled.

G. The Contractor has furnished the City evidence that the material or equipment so stored or stockpiled is insured against loss by damage to or disappearance of such materials at any time prior to use in the Work.

It is understood and agreed that the transfer of title and the City payment for such stored or stockpiled materials or equipment shall in no way relieve the Contractor of its responsibility for furnishing and placing such materials or equipment in accordance with the requirements of the Contract Documents.

In no case will the amount of progress payments for materials or equipment on hand exceed the Contract Price for such materials or equipment or the Contract Price for the Contract item in which the material is intended to be used.

No partial payment will be made for stored or stockpiled living or perishable plant

materials.

The Contractor shall bear all costs associated with the progress payment of stored or stockpiled materials or equipment in accordance with the provisions of this Section.

7-1.09 **RETENTION ON PROGRESS PAYMENTS.** From each progress payment estimate, five percent (5%) will be deducted and held in retention by the City. The remainder, less any deductions described in Section 7-1.07, "Progress Payments," of these General Conditions, will be paid to the Contractor as progress payments.

Pursuant to Public Contract Code Section 22300, the successful Bidder may submit Securities in lieu of retention payments by the City. Upon the Contractor's request, the City will make payment of funds withheld from progress payments, pursuant to the requirements of California Public Contract Code Section 22300, if the Contractor deposits in escrow with the City or with a bank acceptable to the City, securities eligible for investment under California Government Code Section 16430, bank or savings and loan certificates of deposit, interest bearing demand deposit accounts, standby letters of credit, or any other security mutually agreed to by the Contractor and the City upon the following conditions:

1. The Contractor shall bear the expenses of the City and the escrow agent in connection with the escrow deposit made.
2. Securities or certificates of deposit to be placed in escrow shall be of a value at least equivalent to the amounts of retention to be paid to the Contractor pursuant to this section.
3. Contractor shall enter into an escrow agreement satisfactory to the City, which agreement shall be substantially similar to the form provided in California Public Contract Code section 22300.

4. The Contractor shall obtain the written consent of the surety to such agreement.

7-1.10 **FINAL PAYMENT.** Final payment will be made only after Contractor has achieved Final Completion of the Work pursuant to the provisions of Section 7-1.01, “Acceptance,” of these General Conditions. Before final payment can be made, the Contractor shall have furnished the City with the following:

1. All Record Documents, catalogues, instruction sheets and information as required by the Contract Documents.
2. Conditional Waivers and Releases Upon Final Payment executed by Contractor and all Subcontractors and Suppliers, as provided by Civil Code Section 8136. Unconditional Waivers and Releases Upon Final Payment, as provided in Civil Code Section 8138, executed by Contractor and all Subcontractors and Suppliers, must be provided for all Subcontractors and Suppliers that have been paid in full.

Within thirty (30) Days of the date of the City’s Acceptance of the Work, the Contractor shall prepare and submit a Final Invoice, showing the proposed total amount due the Contractor, segregated by Bid item quantities, Change Order Work, and other basis for payments; deductions made or to be made for prior payment; and amounts previously retained. Prior invoices and payments shall be subject to correction in the proposed Invoice for Final Payment. Payments to the Contractor will be made only for actual quantities of the Contract items of work constructed in accordance with the Contract Documents.

The City will review the Contractor’s proposed Final Invoice and necessary changes or corrections will be forwarded to the Contractor. Within ten (10) Days thereafter, the Contractor

shall submit a revised proposed Final Invoice incorporating changes or corrections made by the City together with any new claims resulting therefrom. Upon approval by the City, the corrected proposed Final Invoice will become the approval Final Invoice.

If agreements are reached on all questions regarding the Final Invoice, the City will pay the entire sum found due on the approved application. However, the City will withhold sums sufficient to pay all unsettled claims for which stop payment notices have been filed pursuant to Section 9350, et seq. of the California Civil Code, together with the reasonable cost of any litigation thereunder.

Final payment will be made within thirty (30) Days after receipt of an approved Final Invoice and other required Submittals referenced above or within sixty (60) Days after Acceptance of the work by the City, whichever is later, provided, however, that if an approved Final Invoice has not been submitted within sixty (60) Days after Acceptance of the Work by the City, the City may elect to make payment of sums not in dispute without prejudice to the right of either the City or the Contractor in connection with such disputed sums. Notwithstanding the foregoing, if a Notice of Completion is recorded, final payment shall not be made prior to the expiration of the thirty-five (35) calendar day lien period. The start of this lien period is the date the Placer County Recorder's Office records the Notice of Completion.

The City may withhold from the Final Payment an amount not to exceed one hundred fifty percent (150%) of any amount in dispute between the City and the Contractor.

The making of Final Payment shall not operate to release the Contractor or its sureties from obligations arising under the Contract, the Contract bonds and warranties as herein provided. Specifically, the making of final payment shall not constitute a waiver and release of claims by the City arising from:

1. Unsettled or future liens;
2. Failure of the Work to comply with the requirements of the Contract Documents;
3. The terms of any warranties required by or contained in the Contract Documents;
4. The right to any insurance proceeds or the right to make any insurance or bond claims;
5. Any claims with respect to Contractor's obligations of indemnity with respect to claims asserted by third parties; or
6. Any latent deficiencies with the Work or Contractor's fraud.

7-1.11 **CLERICAL ERRORS.** Notwithstanding the provisions of Section 7-1.10, "Final Payment," of these General Conditions, for a period of three (3) years after Acceptance of the Work, all estimates and payments made pursuant to said Section 7-1.10, are subject to correction for clerical errors in the calculations involved in the determination of quantities and payments. The Contractor and the City agree to pay to the other any sum due under the provisions of this Section 7-1.11, provided, however, if the total sum to be paid is less than \$100, no such payment shall be made.

7-1.12 **WARRANTY.** Notwithstanding inspections and Acceptance by the City of Work furnished under the Contract Documents, the Contractor hereby unconditionally guarantees that all materials and equipment furnished will be of good quality and new, that the Work will be free from defects in workmanship and materials and that the Work will conform to the requirements of the Contract Documents. Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective.

This warranty by the Contractor is in addition to any warranties or guarantees required elsewhere in the Contract Documents. This warranty shall be in effect notwithstanding any disclaimers, or limiting or conditional terms contained in such separate warranties furnished by manufacturers or suppliers.

The Contractor hereby agrees to repair or replace any and all Work, together with any other adjacent Work which may be displaced in so doing, that may prove to be not in accordance with the requirements of the Contract or that may be defective in its workmanship or material during the greater of a period of one (1) year after Acceptance of the Work by the City or the period specified in the Special Conditions, without any expense whatsoever to the City, ordinary wear and tear and unusual abuse or neglect excepted.

The Contractor further agrees, that within ten (10) Days after being notified in writing by the Department of any Work not in accordance with the requirements of the Contract Documents or of any defects in the Work, the Contractor will commence and prosecute with due diligence all Work necessary to fulfill the terms of this warranty, and to complete such Work within a reasonable period of time. In the event Contractor fails to comply, it does hereby authorize the Department to proceed to have such Work done at the Contractor's expense and the Contractor will honor and pay the cost and charges therefore upon demand. The Department shall be entitled to all costs and expenses, including reasonable attorneys' fees, necessarily incurred upon the Contractor's refusal to honor and pay the above costs and charges.

All warranties set forth in the Contract Documents shall be deemed cumulative and not alternative or exclusive. Nothing contained in this section shall be construed to establish a period of limitation with respect to any other obligation, which Contractor has under the Contract Documents or under any separate warranty or guaranty required thereby. The establishment of a

specific warranty period relates only to the specific obligation of Contractor to correct defective Work, and it has no relationship to the time within which its obligation to comply with the Contract Documents or applicable provision of law may be sought to be enforced, nor to the time within which proceedings may be commenced to establish Contractor's liability with respect to its obligations other than specifically to correct the Work. Without limiting the foregoing, it is understood and agreed that Contractor shall remain responsible for latent defects with its work, regardless of the expiration of any warranty period set forth in the Contract Documents.

7-1.13 **WARRANTY OF TITLE.** No material, supplies, or equipment for the Work under this Contract shall be purchased subject to any chattel mortgage, security agreement, or under a conditional sale or other agreement by which an interest therein or any part thereof is retained by the seller or supplier. The Contractor warrants good title to all material, supplies, and equipment Installed or incorporated in the Work and agrees upon completion of all Work to deliver the Premises, together with all improvements and appurtenances constructed or placed thereon by it, to the City free from any claim, liens, security interest, or charges, and further agrees that neither the Contractor nor any person, firm, or corporation furnishing any materials or labor for any Work covered by this Contract shall have any right to a lien upon the Premises or any improvement or appurtenances thereon. Provided, that this shall not preclude the Contractor from Installing metering devices and other equipment of utility companies, the title of which is commonly retained by the utility company. In the event of the Installation of any such metering device or equipment, the Contractor shall advise the City as to the legal owner thereof. Nothing contained in this paragraph, however, shall defeat or impair the right of such persons furnishing materials or labor under any bond given by the Contractor for their protection or any rights under any law permitting such persons to look to funds due the Contractor in the hands of the City.

The provisions of this paragraph shall be inserted in all subcontracts and material Contracts, and notice of its provisions shall be given to all persons furnishing materials for the Work when no formal Contract is entered into for such materials.

[END OF GENERAL CONDITIONS]

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SUPPLEMENTAL CONDITIONS

Project: Woodbridge Park Tennis & Pickleball Court Renovation

Scope of Supplemental Conditions

1. The Work shall be performed in accordance with the General Conditions and Department Standards, except as the General Conditions may be modified by the following additional City Standards, incorporated herein by this reference, if so indicated.

	COMMUNITY DESIGN GUIDELINES 311 Vernon Street, Roseville, CA 95678
	SPECIFICATIONS FOR COMMERCIAL CONSTRUCTION (ELECTRIC) 2090 Hilltop Circle, Roseville, CA 95747
X	PARKS CONSTRUCTION STANDARDS 316 Vernon Street, Suite 400, Roseville, CA 95678
X	DESIGN AND CONSTRUCTION STANDARDS 311 Vernon Street, Roseville, CA 95678
	OTHER

Above documents are available at: www.roseville.ca.us.

2. Numbering in these Supplemental Conditions conforms to that in the General Conditions. The existence of a section in these Supplemental Conditions means that the corresponding section in the General Conditions is modified in some respect. Unless otherwise specified, the modified General Condition is deleted entirely and the provisions of these Supplemental Conditions are substituted.

SECTION 1. DEFINITIONS AND TERMS

1-1.24 **DEPARTMENT.** Section 1-1.24 of the General Conditions is amended to include the following:

The Department for Contract Administration is the PARKS, RECREATION & LIBRARIES Department of the City of Roseville.

1.1.56 **QUALIFIED BIDDERS.** A Class "A" General Engineering license is preferred. A Class "B" General Building or Class "C27" Landscaping license is allowed if, 1) a majority of work is performed by the general contractor; 2) the general contractor has successfully completed other park work equal to the size and scope of the current project within the last three years; and 3) qualified subcontractors for specialties are used.

1.1.57 **QUALIFIED SUBCONTRACTOR.** A licensed contractor in good standing whose trade is required in order to complete the project outline in the plans and specifications and with a minimum of three years experience for work of similar size and scope.

SECTION 2. CONTROL AND SCOPE OF THE WORK

2-1.08 **SUBMITTALS.** Section 2-1.08 of the General Conditions is amended to include the following:

The time allowed for review of each submittal is 10 Days after receipt of the submittal by the Director.

2.1.28 **PROJECT DOCUMENTS.** Potential bidders are advised to obtain all documents and specifications related to this project directly from the City of Roseville. The City of Roseville does not guarantee the accuracy of any forms, plans, or project manuals obtained through outside sources other than the City of Roseville. Furthermore, the City does not guarantee the distribution of any addendums or the accuracy of their content if obtained from a third party. Bidders expressly assume the risk that their bid will be rejected from the use of plans and manuals obtained from third parties other than the City of Roseville

SECTION 3. CHANGES IN THE WORK

There are no amendments to the General Conditions.

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 4. CONTROL OF MATERIALS

There are no amendments to the General Conditions.

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 5. LEGAL RELATIONS AND RESPONSIBILITY

5-1.14 **AIR POLLUTION CONTROL AND ASBESTOS.** Section 5-1.14 of the General Conditions is amended to include the following:

To the best of the City's knowledge, asbestos is not present in the vicinity of the Project. Additional information shall be made available to Contractor upon request.

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 6. PROSECUTION AND PROGRESS

6-1.04 **PROGRESS SCHEDULE.** Section 6-1.04F of the General Conditions is amended to include the following:

Progress schedules showing project completion dates more than 0 Days earlier than specified in Section 6-1.07 shall be rejected.

6-1.07 **TIME OF COMPLETION.** Section 6-1.07 of the General Conditions is amended to include the following:

The Contractor shall begin Work within 10 business days after receiving a Notice to Proceed and shall diligently prosecute the Work to completion. The Work shall be completed within 45 business days of the Notice to Proceed.

If landscaping plants require an establishment period, that period will be 30 calendar days. Start of the establishment should be as outlined in the Specifications.

6-1.08 **LIQUIDATED DAMAGES.** Section 6-1.08 of the General Conditions is amended to include the following:

The amount of Liquidated Damages is the sum of **\$1,000** per Day.

SECTION 7: ACCEPTANCE AND PAYMENT

7-1.07 **PROGRESS PAYMENTS.** Section 7-1.07 of the General Conditions is amended to include the following:

The Contractor shall email an electronic copy of Certified Payroll Reports to the Project Manager along with each Application for Payment.

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SPECIFICATIONS

Project: Woodbridge Park Tennis & Pickleball Court Renovation

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SPEC

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SECTION 00 31 46 PERMITS

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
- C. The intent of this Section is to furnish bidders with the known list of required permits for the Work under the Contract Documents. Bidders should note that the list is not necessarily complete and that additional requirements may exist or arise.

1.02 Permits

- A. The Contractor shall obtain copies of the following permits from the Project Manager. Copies of these shall be obtained prior to start of work and shall be kept on the jobsite.

A formal SWPPP was not required for this Project, however it is the Contractor's responsibility to ensure compliance with the Construction General Permit to not impact the storm system, including implementation and maintenance of BMP's as needed. The Contractor shall keep the construction area, neighboring streets, sidewalks, and landscape areas in a clean and orderly fashion at all times.

- 2. City of Roseville Department of Development Services, Building Permit for all structural items associated with this project, including, but not limited to, shade structures

- B. Contractor shall comply with the conditions of these permits and will be solely responsible for all costs associated with meeting permit conditions unless specifically specified otherwise in these Contract Documents.
- C. A copy of the permit is included in the Appendix of the Project Manual. A trench/excavation permit must be on file with the City. Submit a copy of the notification letter to CAL OSHA, which outlines the project, and contracted scope of work.

PART 2 - PRODUCTS

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PART 3 - EXECUTION

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END OF SECTION

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 01 10 00 SUMMARY OF WORK

PART 1 - GENERAL

1.01 General

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Special Conditions shall be in addition to the standards provided herein.

1.02 Project Description

- A. Project Name and address:
Woodbridge Park Tennis & Pickleball Court Renovation Project
415 Sierra Boulevard, Roseville, California, 95678
- B. Project description/scope of work:
The scope of this project includes but is not limited removal of existing courts and replacement with and new shaded seating area for the tennis & pickleball courts. Add alternates include the installation of protective windscreens around the perimeter of the existing tennis/pickleball fencing and for the removal and installation of new bark mulch along the frontage of Mariposa Street.
- C. The Contractor, prior to submission of his bid, shall visit the site and become familiar with the physical site conditions, the plans and specifications. All existing site conditions, apparent in a detailed, on-site inspection, shall be a part of the project. Submission of a bid shall represent the Contractor's acknowledgment of the existing site conditions and its effect on the implementation of the contract documents.

1.03 Engineering

- A. Field Engineering, as a part of this contract, shall include:
 - 1. Layout of the work and establishment of lines and grades.
 - 2. Said work to be performed by a California Registered Civil Engineer or a California licensed Land Surveyor.
 - 3. When discrepancies between the drawings and actual site conditions are discovered, notify the Inspector for instruction on how to proceed.
 - 4. All work shall:
 - a) Establish indicated layout in relation to the property survey and existing reference points.

- b) Establish and preserve permanent reference points during the course of construction.
- c) Set locations and elevations of all site elements as required for proper completion of the work.

1.04 Permits, Fees and Notices

- A. The Contractor and/or his assigned Subcontractors shall obtain any and all required permits (beyond those provided in the Appendix) from all governing authorities, including other City Departments, prior to start of construction.

1.05 Construction Plans

- A. Any discrepancies or omissions found in the Contract Documents shall be reported to the City's project manager immediately. The City's project manager will clarify discrepancies or omissions, in writing, within a reasonable time.
- B. In resolving inconsistencies among two or more sections of the Contract Documents, precedence shall be given in the following order:
 - 1. Notice to Contractors
 - 2. Special Provisions
 - 3. City of Roseville Parks Construction Standards
 - 4. City of Roseville Design and Construction Standards
 - 5. Drawings

Addenda shall take precedence over all sections referenced therein. Figure dimensions on Drawings shall take precedence over scale dimensions. Detailed Drawings shall take precedence over general Drawings.

1.06 Definitions

- A. The term "accepted" where used within, shall mean accepted in writing by the City of Roseville's Project Manager.
- B. The term "Inspector", where noted, shall mean the project representative, appointed by the City of Roseville, who will oversee the project on a day-to-day basis.
- C. The term "Project Manager", where noted, shall mean the project representative appointed by the Parks Department.
- D. The term "Consultant", where noted, shall mean the prime Consultant listed on the cover sheet of these Specifications.
- E. The term "accepted equal", where used herein, shall mean the equal in the opinion of the Project Manager, in consultation with the Consultant, when necessary, and as accepted in writing by the Project Manager.
- F. The term "Project Owner", where used herein, shall mean the landowner or developer.
- G. The term "provide", where used herein, shall mean furnish and install complete.

- H. The term “as selected”, where used herein, shall mean as selected by the Consultant and as accepted by the Project Manager.
- I. The term “substantially complete”, where used herein, shall mean the state of which the project can be used in the manner of which it is intended with the exception of minor items as determined by the Project Manager.
- J. See Section 1 of the General Conditions for additional definitions and terms.

1.07 Standards

- A. Numerous standards are referenced in these contract documents. The referenced standards shall be the current edition as of the date of these contract documents. Also, see Section 4 - 1.02 of the General Conditions.
- B. The codes adopted by the City, County, State and federal agencies shall govern minimum requirements for this project. Where codes conflict with these Specifications, the more stringent shall apply, and such conflicts shall be brought to the attention of the Project Manager. Caltrans Standards shall be applied where specifically referenced. In the absence of specific reference requirements in the contract documents, the applicable codes shall govern.
- C. In addition to the standards noted in individual sections of these Specifications, standards of the following organizations shall be noted by initials only.
 - 1. ANSI: American National Standards Institute.
 - 2. ASTM: American Society for Testing and Materials.

1.08 Submittals

- A. All submittals shall be submitted at one time within ten (10) working days from issuance of Notice to Proceed. The review time for submittals shall be as noted in Section 2 - 1.04 of the Special Conditions. Items returned for re- submittal shall be returned to the City within two weeks
- B. The Contractor shall include a cover sheet indicating the following (A sample is provided in Section 5: Forms):
 - 1. Drawing sheet or specification section reference (by section, paragraph and sub-paragraph numbers);
 - 2. Item description;
 - 3. Indication whether this item is “as specified” or “proposed substitution” and
 - 4. A space for itemized response summary, e.g. “reviewed” or “resubmit”.
- C. Contractor shall provide submittals electronically in PDF file format and physical product samples as required in specifications. It shall be the Contractor’s responsibility to ensure that the summary sheet is included in the submittal package. Incomplete submittal packages (i.e., the lack of a summary sheet or lack an appropriate product sample) will not be reviewed.
- D. Proposed substitution requests must include a comparison between the originally specified item and the proposed substitute. The burden of proof of

compliance for proposed substitutions with project requirements rests with the Contractor. Coordination of the installation of accepted substitutions, including incidental changes/modifications to accommodate proposed products shall be at no additional cost to the Owner.

- E. Where required in specified Section of these Specifications, submittals shall include proof of order of site furnishings, play equipment or other materials within two weeks (ten working days) of receipt of the returned, approved submittal. Submittals of orders shall be made at one time. Exceptions will be considered, with justification.

1.09 Tests

- A. In addition to Section 4 - 1.03 of the General Conditions, testing and inspections may be performed by a private testing laboratory. The testing laboratory, provided by the City, shall be under the direction of a California registered civil engineer. All work shall conform to requirements set forth by ASTM B329, and shall be acceptable to the City.
- B. Copies of the laboratory reports/results of each test or inspection shall be provided to the Project Manager, Inspector and Contractor.

1.10 Temporary Facilities

- A. Sanitary provisions shall be the responsibility of the Contractor. Existing restroom facilities shall be not utilized by the Contractor, his Sub-contractors, or employees thereof, unless specifically accepted by the Project Manager. Provide chemical toilets or water closets and urinals connected to the sewer in a location accepted by the Project Manager.
- B. Barricades shall be the responsibility of the Contractor and shall be erected as necessary to protect the property, the construction and the public from hazards due to construction.
- C. Signs, other than those identified in these Specifications, shall be prohibited. Notices, required by law, shall be posted and maintained.

1.11 Utilities

- A. All utility fees, including, but not limited to, connection fees, installation fees, meters, monthly service fees and cost of utilities used during the course of construction and establishment are considered a direct cost and are the responsibility of the Contractor until project acceptance by City Council.

1.12 Dust/Noise Control Requirements

- A. Dust and other air pollution nuisances on or adjacent to the site shall be abated, per Section 2 - 1.15 of the General Conditions. Dirt shall not be allowed to accumulate on streets or sidewalks nor be washed into sewer.

- B. Noise from construction operations shall be kept to a minimum. Allowable hours of operations shall be from 7 a.m. to 7 p.m. Monday through Friday. Work on weekends and holidays must be approved by the project manager. Work on weekends and holidays shall not begin before 8 a.m. and must be completed by 8 p.m.

1.13 Tree Replacement Schedule

- A. Trees damaged or removed without prior approval shall be replaced at an inch per inch basis on-site, except otherwise accepted. New stock shall follow the table provided:

Plant Size	Inch Value
3 Five Gallon Stock	One Inch
1 Fifteen Gallon Stock	One Inch
1 24" Box Stock	Two Inches
1 36" Box Stock	Three Inches

1.14 Inspection of Construction

- A. In addition to the routine inspections performed by the Parks Inspector, portions of work may be inspected by the other city departments. Notify the Parks Inspector and Project Manager a minimum of 48 hours prior to date of inspection.
- B. The Parks Inspector shall be the main line of communication between the site superintendent, the project manager and other City department inspectors. Changes in scope of work or standards shall be approved by the project manager.
- C. Refer to the parks inspection record. This shall be issued at the Pre-Construction meeting and shall be utilized by the Contractor throughout the course of construction. A completed "hard card" shall be submitted to the Project Manager along with required turn in items (See 1.19 this Section) upon final acceptance of the project. The Notice of Completion shall not be filed until all record documents have been received and accepted.

1.15 Adverse Impacts to Site Conditions Due to Construction

- A. Impacts that affect the site conditions to the detriment of the park or streetscape
- Impacts that affect the site conditions to the detriment of the park or streetscape construction or long term viability of the site shall be mitigated by the contractor prior to acceptance of the project. Such impacts shall include, but are not limited to:
1. Soil compaction in non-structural areas;
 2. Diesel or gas fuel leaks/spillage;
 3. Buried concrete or other construction debris;
 4. Hazardous material contamination;

5. Lime treatment in planting areas;
6. and more.

1.16 Pre-final (Punch List) Review

- A. Notify, in writing, to the Parks Construction Inspector, that the work is substantially complete. Substantially complete is defined as “the state of work where it may be used in a suitable and intended manner with exception of minor corrections”. Partial acceptances will not be granted. Items to be reviewed as a part of substantial completion include:
 1. All construction items
 2. Installation of all site furnishings, including lights and signs
 3. Seeding or sodding of all turf areas
 4. All planting, including weeding of planted areas
 5. The irrigation system is fully functioning as designed and as confirmed by the landscape irrigation audit.
- B. Within five working days of receipt of notification, the Parks Construction Inspector will confirm substantial completion. The Parks Construction Inspector will schedule the punch list walk (pre-final review) within five working days after the project has been determined as substantially complete. A formal punch list will be developed at the punch list walk. The Parks Construction Inspector will provide a copy of the formal punch list to the Contractor within five working days of punch list walk. Performance of the punch list walk does not automatically trigger the start of establishment.
 1. If at any point during this review that it becomes apparent that the Contractor has not properly prepared for the site review, the inspection shall immediately be terminated and re-scheduled at such a time as the site has been readied for a review. Any costs for the re-scheduling of the review shall be the responsibility of the Contractor. Lack of site preparation could delay start of the establishment period.
- C. Concurrent to the pre-final review, the City will make a formal request for all required turn-in items to be submitted to the City. All turn-in items shall be submitted to the City (single point of contact), at one time and only by appointment. Do not drop off the turn-in items at the front counter and without an appointment.
- D. Once all turn-in items have been confirmed to be complete and accurate, the establishment period may be considered to begin. The City shall have sole discretion in determining the appropriateness of the commencement of the establishment period and shall notify the developer/contractor in writing of the start and end dates. Portions of the project will not be accepted for establishment prior to the substantial completion of the entire project.

1.17 Establishment Period

- A. The duration of the establishment period shall be:
1. For seeded turf in parks: Ninety (90) calendar days, minimum, and until the Notice of Completion (NOC) for City-built parks has been approved by the City Council, or the deed transferring property ownership, has been recorded at the County for Developer-built parks.
 2. For sodded turf in parks: Forty-five (45) calendar days commencing between March 1st and October 31st and sixty (60) calendar days commencing between November 1st and February 28th, and until the Notice of Completion (NOC) for City-built parks has been approved by the City Council, or the deed transferring property ownership, has been recorded at the County for Developer-built parks.
 3. For streetscapes: Thirty (30) calendar days, minimum, and until final acceptance of all related street improvements subject to approval of a Notice of Completion by the City Council. The inclusion of large box trees (36" box and greater) may require an extended establishment period of ninety (90) calendar days, as noted on plans.
- B. Active maintenance is required throughout the entire establishment period. Active maintenance is defined as:
1. All areas within the project site shall be protected against damage including vandalism, erosion, trespass, rodents and other acts. Immediately repair all damaged areas.
 2. All walkways and paved areas shall be kept clean and all debris within planting and turf areas shall be immediately removed.
 3. Automatic irrigation controller shall be fully utilized and irrigation system monitored and adjusted as described in Section 32 84 00 4.03.
 4. All plant and turf maintenance as described in Section 32 90 00 3.11
- C. Prior to the start of the final thirty (30) days of establishment:
1. All punch list items shall be completed.
 2. All certifications and testing shall be completed.
 3. All plantings and turf shall be thriving and in a healthy condition.
 4. 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.

1.18 Final Review

- A. One (1) week prior to the end of the establishment period, a final on-site review shall be conducted to review project readiness for final turn-over. All punch list items must be satisfactorily addressed prior to the final review.

- B. The project shall be prepared and cleaned per Section 2 - 1.12 of the General Conditions; the turf shall be mowed; and the irrigation heads shall be adjusted appropriately one day prior to the scheduled final review.
- C. Acceptance of the project shall be considered "field accepted" and a recommendation will be forwarded to the City Council for "final acceptance" per Section 7 - 1.01 of the General Conditions.
- D. An unaccepted project shall extend the establishment period until such time as the unaccepted portions of the project have been reviewed and field accepted by the Inspector and Project Manager.
- E. Turn over for City maintenance shall occur only after:
 - 1. The specified duration of the establishment period has been successfully completed.
 - 2. If required, the deed transferring property ownership, has been recorded at the County.
 - 3. A Notice of Completion (NOC) for city-built parks and for streetscapes has been approved by the City Council.
- F. Contractor shall provide a written guarantee covering all improvements associated with this project. See 1.19 – Warranties and Guarantees.

1.19 Record Documents

- A. Record documents or as-built plans shall be maintained on-site and updated routinely as specified in Section 2 - 1.13 of the General Conditions. Record documents shall include **all items under the contracted scope of work.**
- B. Record documents shall be submitted:
 - 1. one USB storage device containing PDF scanned images (in color) of the verified/initialed as-built drawings.
 - 2. For City of Roseville CIP projects, SWPPP binder.

1.20 Warranties and Guarantees

- A. Warranties are required under various Sections of these Specifications. Prior to final acceptance, the Contractor shall assemble all warranties into a single, bound or stapled package. All warranties shall be clearly labeled and the number of years highlighted. Also, see Sections 7 - 1.10 and 7 - 1.11 of the General Conditions.
 - 1. Warranties for equipment shall be submitted in the manufacturer's standard form and shall be countersigned by the subcontractor or supplier and the Contractor.
 - 2. All other warranties shall be provided in the following format, written on subcontractor's or supplier's letterhead, signed by the subcontractor or supplier and countersigned by the Contractor:

WARRANTY FOR _____ YEARS

“We hereby warrant that the product which we have installed at project name has been done in accordance with the contract documents, and that the work, as installed will fulfill the warranty requirements included in the Specifications.

We agree to repair or replace any or all of our work, together with any other adjacent work which may be displaced by so doing, that may prove to be defective in its workmanship or material within the warranty period stated above commencing from the date of final acceptance of the above named project by the City of Roseville’s City Council, without additional expense to the City, ordinary wear and tear and unusual abuse or neglect excepted.

In the event of failure to comply with the above conditions within thirty (30) days of notification by the City, we collectively or separately do hereby authorize the City to proceed with the repairs or replacement of such defects at our expense. Payment of said costs and charges will be forwarded to the City upon demand.

Signed: _____
Subcontractor or Supplier Date

Countersigned: _____
Contractor Date

- B. Guarantees shall be a minimum of one (1) year for all plant material, including trees and shrubs. The guarantee shall state that plant materials (trees & shrubs) to be free of all defects or disease and all plants are in a healthy and thriving condition at the completion of the contract. Deciduous plant material shall be warranted beyond the time of contract completion until such time as growth becomes evident.

PART 2 - PRODUCTS

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PART 3 - EXECUTION

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END OF SECTION

SECTION 01 57 23

STORM WATER POLLUTION CONTROL

PART 1 - GENERAL

1.01 General

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Special Conditions shall be in addition to the standards provided herein.

1.02 References

- A. State Water Resources Control Board Order No. 2009-0009-DWQ National Pollutant Discharge Elimination System General Permit No. CAS0000002, for Storm Water Discharges Associated with Construction and Land Disturbance Activities.
- B. CASQA California Stormwater BMP Handbook – Construction, November 2009

1.03 Definitions

- A. NOI: Notice of Intent
- B. NOT: Notice of Termination
- C. QSP: Qualified SWPPP Practitioner
- D. QSD: Qualified SWPPP Developer
- E. SWPPP: Storm Water Pollution Prevention Plan
- F. SWRCB: State Water Resources Control Board
- G. NPDES: National Pollutant Discharge Elimination System General
- H. WDID: Waste Discharger Identification number
- I. BMP: Best Management Practices

PART 2 - PRODUCTS

Intentionally left blank.

PART 3 - EXECUTION

3.01 SWPPP

- A. Comply with State Water Resources Control Board Order No. 2009-0009-DWQ National Pollutant Discharge Elimination System General Permit No.

CAS0000002, for Storm Water Discharges Associated with Construction and Land Disturbance Activities.

- B. A SWPPP has not been developed for this project. Contractors must comply with General Conditions 5-1.20 Water Pollution.
- C. Implementation of the Erosion and Sediment Control Plan is the responsibility of the Contractor and a part of this project. Costs associated with implementation and maintenance of the BMPs per the Erosion and Sediment Control Plan shall be included in the lump sum base bid.
- D. Major changes to the Erosion and Sediment Control Plan shall be reviewed by the City's Inspector prior to implementation. Cost associated with the major changes will be paid for using the unit cost listed in the Additions or Deletions Sheet of the Proposal
- E. The City's Inspector will perform weekly inspections of the jobsite. Implementation of and minor changes to the Erosion and Sediment Control Plan as directed by the City's Inspector shall be incidental to the Work. Contractor shall start all inspection corrective actions within 72 hours of observation, and complete as soon as possible.
- F. All BMPs installed will be inspected by the City's Inspector for compliance with the Erosion and Sediment Control Plan and BMP Fact Sheets. BMPs that are not in compliance shall be brought into compliance by the Contractor at no cost to the City.
- G. Keep one copy of the Erosion and Sediment Control Plan and amendments at the project site.
- H. The Erosion and Sediment Control Plan shall be readily available throughout the course of construction and until the NOT has been accepted by SWRCB. The Erosion and Sediment Control Plan shall be made available upon request by a representative of the Regional Water Quality Control Board, State Water Resources Control Board, United States Environmental Protection Agency, or City' storm water staff.
- I. When requested by the City for pre-final (punch list) review, the Contractor shall submit the project site copy of the Erosion and Sediment Control Plan to the City's Project Manager.

3.02 Schedule

- A. Contractor shall develop a Water Pollution Control Schedule that describes the timing of grading or other work activities that could affect water pollution. The schedule shall be updated by the Contractor to reflect changes in the Contractor's operations that would affect the necessary implementation of water pollution control practices. The typical sequence of work shall be adjusted by the Contractor based on weather conditions and forecasted rain events. The schedule is considered an appropriate and applicable BMP.

3.03 Penalties and fines

- A. Contractor is responsible for all penalties and fines assessed to or levied on the project related to the implementation of the Erosion and Sediment Control Plan.
- B. In an effort to maintain compliance with the General Permit, the Contractor may be asked to make changes to the BMPs. If the Contractor is unable to perform these services in a timely manner the City reserves the right to address any areas of concern and deduct the cost from the contract.

3.04 BMP's

- A. Construction BMP's shall be installed per the Erosion / Sediment Control Plan, and in accordance with the CASQA California Stormwater BMP Handbook. Use of alternative BMP's will be reviewed and accepted at the discretion of the City's Inspector.

3.05 Cleaning

- A. Thoroughly clean all areas where work has occurred. Remove from the site excess material, debris and rubbish.
- B. Take all precautions to protect completed work. Immediately repair or replace all damaged areas due to tire ruts, erosion, compaction failure, etc. Keep all erosion control measures intact.

END OF SECTION

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 03 30 00 SITE CONCRETE

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
- C. The standards set forth in the City of Roseville Design and Construction Standards and the City of Roseville Parks Construction Standards, latest editions, shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of all concrete work, flatwork and poured-in-place as shown in the Plans and as specified herein.

1.03 References

- A. Caltrans Standard Specifications, latest edition.
- B. California Building Code (CBC) and California Administrative Code (Title 24), latest editions.

1.04 Quality Assurance

- A. For all flatwork, the Contractor shall pour a six-foot by six-foot (6' x 6') sample of each type of finish specified for review and acceptance by the Project Manager prior to pouring any concrete. The accepted samples shall remain on-site and intact until all concrete work has been completed. The quality of the concrete work shall be measured by the accepted samples.
- B. During the course of construction, a qualified testing laboratory shall obtain samples as determined by the Inspector and conforming to federal and state codes and standards. Such costs shall be paid for by the City. Re-tests and removal of below acceptable strength concrete shall be borne by the Contractor. The Contractor shall cooperate with the testing during the course of obtaining such samples.
- C. Variances in surface grades of more than 1/8", as measured by a straight edge ten feet (10") long, shall be corrected to the satisfaction of the Inspector. Remove all areas where standing water occurs, including any surface irregularities.

1.05 Handling and Storage

- A. Comply with ATSM C-94, "Specifications for Ready Mix Concrete" for the batch, mix and transport of concrete.
- B. Mix and deliver only the amount that will be poured immediately.

1.06 Record Drawings

- A. The Contractor shall keep an accurate record of the as-built conditions of the site concrete. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the "as-builts" to ensure compliance of the above.

PART 2 - PRODUCTS

2.01 Concrete

- A. Concrete for play area curbs, sidewalks, and accessible ramps shall conform to the provisions of Section 90-2 "Minor Concrete" of the Caltrans Standard Specifications. Cementitious material shall be "Type II Modified" and shall contain no less than 505 pounds of cementitious material per cubic yard. Aggregate shall be not greater than one-inch or smaller than 3/8-inch. Submit concrete analysis for review and acceptance prior to placement of concrete.

2.02 Fiberglass Reinforcement

- A. Fibers for concrete shall be Fibermesh 150, as manufactured by Sika USA; or accepted equal. Fibers shall contain 100 percent virgin polypropylene multifilament fibers, e3 patented technology, containing no reprocessed olefin materials. The fibers shall conform to ASTM C1116 Type III and manufactured specifically for the secondary reinforcement of concrete.

2.03 Expansion Joint Material

- A. Fiber expansion joint shall conform to ASTM-1751 and shall be a non-extruding resilient filler. Filler shall have preserve attributes and high quality bituminous materials.
- B. Apply Sikaflex elastomeric sealant, or accepted equal, over all expansion joints.

2.04 Concrete Forms

- A. All forms shall be new at the start of the project and shall be construction grade Douglas Fir. Minimum size lumber shall be 2 x 6.
- B. Radius bends shall be formed by spring steel forms or laminated boards, as required.
- C. Plywood shall be 5/8", Class I, exterior grade as outlined in APA "Guide to Plywood Grades". Omit mill oiling treatment.

PART 3 - EXECUTION

3.01 Poured-In-Place Concrete Forms

- A. Concrete for hardscape or flatwork shall be placed on subgrade compacted to 95% relative compaction. Prior to placement of concrete, a soils compaction test must be performed by an accepted soils testing professional on a representative number of locations along the flatwork area. The City or project owner shall provide the initial test. The results of these tests must be available and meet acceptable levels prior to pouring. Re-tests and re-work of any area, as directed by the soils professional, shall be the responsibility of the Contractor.
- B. Construct forms to conform to the shapes, dimensions and details shown on the Plans. All forms shall be true to lines, plumb, level and square.
- C. Forms shall not leak, spread, shift or settle when concrete is placed.
- D. All forms shall carry dead and live loads and shall not deflect more than 1/8" between supports after placement of concrete.
- E. All forms shall be thoroughly soaked a minimum of twelve (12) hours prior to pouring of concrete. Forms shall be treated per manufacturer's recommendations.
- F. Reuse of forms may be allowed at the discretion of the Inspector. Reused forms shall be cleaned and free of defects that would affect the final concrete finish.
- G. Concrete footings shall be formed only when excavations slump or cave in. Over-excavate the trench or footing diameter to accommodate the forms' installation and removal. Apply water to moisten soil. Do not allow water to create mud or ponding.

3.02 Fiberglass Reinforcement

- A. Install per manufacturer's instructions. Apply at the batch plant prior to delivery. Thoroughly mix fiber material to avoid "clumping".

3.03 Expansion Joints

- A. Expansion joints shall be placed where vertical elements meet horizontal paving unless otherwise noted on the Plans. This shall include vertical expansion joints on play area curb walls, buildings, shade structures, walls and/or planters. The corners of the paving shall be tooled at the expansion joints. Trim exposed fibers which protrude above or beyond the finish surface of paving or the finish surface of the wall.

3.04 Control Joints for Concrete Sidewalks

- A. Control joints shall be per detail PK-32 with deep, straight and finished with rounded edges. Control joints shall be placed (on-center) a distance equal to the width of the concrete walkway, unless otherwise shown on the Plans. For

example a ten-foot wide walkway shall have control joint placed ten feet on center. Control joints shall not dead-end into an adjacent panel, and shall not create acute angles that are prone to break off.

3.05 Placement of Concrete

- A. Do not pour concrete in weather below 40 degrees F. or when temperatures are predicted to fall below freezing within 24 hours, except with prior authorization.
- B. Concrete shall be transit mixed according to ASTM C-94. Limit the quantity of water to the required strength. Concrete shall be of a consistency that it flows slowly into the forms.
- C. Mixing of concrete shall be continuous commencing from the time water is added to the mix until such time that the concrete is poured. All concrete shall be placed within an hour of the time when water is first added.
- D. Concrete shall be deposited up to the finished height of the forms and up to the adjacent joint. No partial pours will be allowed. Excess material shall be dumped on-site and later removed by the Contractor.
- E. Thoroughly compact the concrete manually spading and tamping concrete into all corners of the forms and by utilizing a high-speed mechanical vibrator. Retain a standby vibrator on-site during the course of concrete work. When utilizing the vibrator, take precautions to avoid impact on the forms.
- F. After obtaining uniform compaction, screen tamper all flatwork surfaces, screed and bull float to ensure that large aggregates are pushed below the surface. When it is practical to work on the surface, wood float, steel trowel paving to a uniform surface.
- G. Concrete elements shall not exceed the following tolerances:
 - 1. Linear: 1/8"
 - 2. Slab deviation: 1/8" in 10"

3.06 Finishes

- A. Finishes shall be as shown on the Plans and shall be consistent in quality throughout the project. Medium broom finished concrete shall have clean, deep control joints spaced appropriately. No visible cracks or discoloration will be accepted. Finishes on vertical surfaces shall be consistent throughout. Vertical expansion joints are spaced as identified on the plans and are smooth with the finish surfaces. All edges for flatwork and vertical surfaces shall be eased at a consistent radius.
- B. Upon completion of float finishing, provide the final finish as follows:
 - Medium Broom Finish: shall be accomplished by pulling a stiff bristle broom across a floated surface. The

direction of the broom shall be perpendicular to the path of travel, unless otherwise shown on the Plans.

3.07 Removal of Forms

- A. Forms shall remain in place as follows:
 - 1. For mass concrete work: 5 days.
 - 2. For other flatwork and other concrete work: 3 days.
- B. Remove all bolts, nails, ties, wires, etc. a minimum of one inch (1") below the surface of the concrete. Remove imprints, irregularities or other such defects and patch as directed by the Inspector.

3.08 Curing and Protection

- A. Allow adequate time for the concrete to cure. In temperatures above 75 degrees F., ensure that the concrete surface remains wet for a period of seven (7) days minimum.
- B. Protect all concrete from damage during the curing period. This shall include damage from sun, rain, flowing water, frost, mechanical injury, tire tracks, footprints, oil stains, etc. Should such damage occur, Contractor shall take immediate action to repair damage to the satisfaction of the City.

3.09 Clean-Up

- A. During the course of this work, the area shall be kept clear and free of debris as realistically possible. Upon completion of concrete work, completely remove from the site all used forms, hardware, spillage, rejected work and other materials.
- B. Remove from site furnishing posts all concrete "slobber". Re-touch posts as necessary for a clean finish.

END OF SECTION

SECTION 09 91 50 OUTDOOR SPORTS COURT MARKINGS

PART 1 - GENERAL

1.01 General Requirements

- A. Textured acrylic surfacing for asphalt concrete tennis courts

1.02 Related Sections

A. Related Work

- 1. Asphalt Concrete Paving (Section 32 12 16)
- 2. Miscellaneous Site Amenities (Section 12 93 00)

B. References

- 1. National Asphalt Paving Association
- 2. United States Tennis Association (USTA)
- 3. America Sport Builders Association (ASBA)
- 4. United States Pickleball Association

1.03 Quality Assurance

- A. Surfacing shall conform to the guidelines of ASBA for planarity
- B. Asphalt barrier shall have a vapor barrier in accordance with ASTM E 1745
- C. All surface coating materials shall be supplied by the same manufacturer
- D. Contractor shall record the batch number of each product used on the site and maintain it through the warranty period
- E. The contractor shall provide the inspector an estimate of the volume of each product used on the site, upon request
- F. The manufacturer's representative shall be available to help resolve material questions

1.04 Submittals

- A. Manufacturer specifications for components, color chart, and installation of instructions. Colors to be selected by City.
- B. Authorized applicator certificate from the surface system manufacturer
- C. Reference list from the installer of at least 3 projects of similar scope and completed within the past 3 years, including 4 site photos and current references

- D. ITF classification certificate for the system to be installed
- E. Current Material Safety Data Sheets (MSDS)
- F. Product Substitution: If any other than the product specified, the contractor shall submit at least 7 days prior to the bid date a complete type written list of proposed substitutions with sufficient data, drawings, samples and literature to demonstrate to the owners satisfaction that the proposed substitution is of equal quality and utility to that original specified. Information must include a QUV test of at least 1000 hours illustrating the UV stability of the system. Test method must be similar to ASTM G53. The color system shall have an ITF pace rating in category #2. Under no circumstances will systems from multiple manufactures be considered.

1.05 Material Handling and Storage

- A. Store materials in accordance with manufacturers specifications and MSDS
- B. Deliver product to the site in original unopened containers with proper labels attached
- C. All surfacing materials shall be non-flammable

1.06 Installer Qualifications

- A. Installer shall be regularly engaged in construction and surfacing of acrylic tennis courts, play courts or similar surfaces
- B. Installer shall be an Authorized Applicator of the specified surface system
- C. Installer shall be a builder member of the ASBA

1.07 Manufacturer Qualifications

- A. System manufacturer shall provide documentation that the surface to be installed has been classified by the ITF as a medium pace surface
- B. System manufacturer shall be a US owned company
- C. System manufacturer shall be a member of the ASBA

PART 2- PRODUCTS

2.01 Product Information

1. Multi-part acrylic color and surfacing system, consisting of multiple products designed and manufactured to be used together to comprise a complete surfacing system. All products used must be manufactured by the same company. Systems/Manufacturers:

- A. Plexipave System as manufactured by California Sports Surfaces., Andover, MA. 01810. Contact Dan Brown, 602-639-3900.

- B. Laykold Colorcoat System, as manufactured by Advanced Polymer Technology Corporation, 109 Conica Lane, P.O. Box 160, Harmony PA 16037, 724.452.1330.
- C. Novacrylic 4-Coat Color System, as manufactured by Nova Sports U.S.A., Inc., 6 Industrial Road, building #2, Milford MA, 01757, 508-473-6540.
- D. SportMaster Color Plus System, as manufactured by SportMaster, P.O.Box 2277, Sandusky, OH 44870, 800.395.7325.
- E. Substitutions: Submit requests at least 7 days prior to the bid date with a complete type written list of proposed substitutions with sufficient data, drawings, samples and literature to demonstrate to the owner's satisfaction that the proposed substitution is of equal quality and utility to the specified product. Information must include a QUV test of at least 1000 hours illustrating the UV stability of the system. The system shall have an ITF pace rating in Category 2.

2.02 Materials

- A. Patching Mix - for use in patching cracks, holes, depressions and other surface imperfections.
- B. Crack Filler - for use in filling fine cracks.
- C. Adhesion Primer – a two component water based epoxy primer for uncoated asphalt concrete surfaces.
- D. Acrylic Filler Course – for use as a filler for new or existing asphalt concrete surfaces. The 100% acrylic filler shall be blended with approved silica sand
- E. Acrylic Color Playing Surface – for use as the finish color and texture.
- F. Line Paint – for use as the line marking on the court/play surface.
- G. Water – for use in dilution/mixing shall be clean and potable.

2.03 Material Specifications

- A. Court Patch Binder – 100% acrylic resin blended with Portland cement and silica sand.
 - 1. Percent solids by weight (minimum) 46%
 - 2. Weight 8.7-8.9 lbs./gallon
- B. Flexipave Crack Filler – 100% acrylic resin heavily filled with sand
 - 1. Percent solids by weight (minimum) 85%
 - 2. Weight 15 lbs./gallon
- C. California TiCoat – 2 componet expoy primer
 - 1. Percent solid by weight (minimum) 34.6 – 34.8%
 - 2. Weight 8.55 – 8.70 lbs./gallon
- D. Acrylic Resurfacer – 100% acrylic resin (no vinyl copolymerization constituent). Product shall not contain less 3.5% attapulgate
 - 1. Percent solids by weight (minimum) 26.7%

- 2. Weight 8.7 – 8.9 lbs./gallon
- E. Colored Acrylic Coating – 100% acrylic resin (no vinyl copolymerization constituent) with selected light fast pigments. Green shall not contain less than 8% chrom oxide
 - 1. Percent solids by weight (minimum) 36.5%
 - 2. Weight 10.0 – 10.2 lbs./gallon
- F. Colored Texture Base – 100% acrylic resin containing no vinyl copolymerization constituent. Contains not more than 63% rounded silica sand
 - 1. Percent solids by weight (minimum) 74%
 - 2. Weight 13.1 – 14.1 lbs./gallon
- G. Line Paint – 100% acrylic resin containing no alkyds or vinyl constituents. Texturing shall be rounded silica sand
 - 1. Percent solids by weight (minimum) 60.5%
 - 2. Weight 12.1 – 12.3 lbs./gallon

All surfacing materials shall be non-flammable and have a VOC content of not less than 100g./ltr. Measured by EPA method 24.

Local sands are not acceptable in the color playing surface. Sands must be incorporated at the manufacturing location to ensure quality and stability.

PART 3 - Execution

3.01 General Requirements

A. Weather Limitations

- 1. Do not install when rainfall is imminent or extremely high humidity prevents drying.
- 2. Do not apply unless surface and air temperature are 50°F and rising.
- 3. Do not apply if surface temperature is in excess of 140°F.

B. Manufacturer's Directions

- 1. Follow all manufacturers' directions for specific products and system used. The following is listed as a guide to the work. Minor differences between manufacturers' instructions may exist and shall be accommodated at no additional cost to the City.
- 2. New Asphalt- Asphalt base should be installed to the specifications as laid out in the American Sports Builders Association Asphalt Guidelines. CSS requires a minimum cure time of 14 days on new asphalt. Surface variation should not exceed 1/8 inch in ten feet when measured in any direction with a straightedge and a slope of 1 inch in 10 feet, all in one plane.

3.02 Preparation for Acrylic Color Playing System

A. Clean surfaces of loose dirt, oil, grease, leaves, and other debris in strict accordance with manufacturer's directions. Pressure washing will be necessary to adequately clean areas to be coated. Any areas previously showing algae growth shall be treated with Clorox or approved product to kill the organisms and then be properly rinsed.

B. Holes and cracks: Cracks and holes shall be cleaned and a suitable soil sterilant, as approved by the owner, shall be applied to kill all vegetation 14 days prior to use of Court Patch Binder according to manufacturer's specifications.

C. Depression: Depressions holding enough water to cover a five cent piece shall be filled with Court Patch Binder Patching Mix. 3 gallons of Court Patch Binder, 100 lbs. 60-80 silica sand, 1 gallon Dry Portland Cement (Type I). This step shall be accomplished prior to the squeegee application of Acrylic Resurfacer. The contractor shall flood all the courts and then allow draining. Define and mark all areas holding enough water to cover a nickel. After defined areas are dry; prime with tack coat mixture of 2 parts water/1 part Court Patch Binder. Allow tack coat to dry completely. Spread Court Patch Binder mix true to grade using a straight edge (never a squeegee) for strike off. Steel trowel or wood float the patch so that the texture matches the surrounding area. Never add water to mix. Light misting on surface and edges to feather in is allowed as needed to maintain work ability. Allow to dry thoroughly and cure.

NO WORK FROM THIS STAGE ON SHALL COMMENCE UNTIL AN INSPECTOR HAS ACCEPTED THE SURFACE.

D. Primer: primer shall be applied to all uncoated asphalt concrete surface prior to application of filler materials. Apply at an application rate of .025-.03 gallon per square yard.

1. Mix component A with Component B at a ratio of 1:1. Let stand for 20-30 minutes prior to use.

2. Apply with a short nap phenolic core roller.

3. Allow the primer to dry for approximately 1-3 hours until the surface is slightly tacky to the touch. In no case shall the surface be left overnight before receiving an application of Acrylic Resurfacer.

E. Filler Course. (Acrylic Resurfacer): On the properly applied primer coat the filler course shall be applied to the clean underlying surface in one application to obtain a total quantity of not less than .06 gallon per square yard based on the material prior to any dilution. Acrylic Resurfacer may be used to pre-coat depression and crack/hole repairs to achieve better planarity prior to filler course application.

1. Over a properly repaired surface of asphalt concrete on existing courts, apply one coat of Acrylic Resurfacer according to the following mix:

Acrylic resurfacer	55 gallons
Water	20 – 40 Gallon
Sand	600 – 800 pounds / 60-80 mesh
Liquid Yield	112 – 138 gallons

On new asphalt concrete, two coats of Acrylic Resurfacer may be used to properly fill all voids in the asphalt surface. Use clean, dry 50-60 mesh sand and clean, potable water to make mixes. The quantity of sand and water in the above mix may be adjusted within above limits to complement the roughness and temperature of the surface.

3.03 Application of Acrylic Color Playing Surface

A. All areas to be color coated shall be clean, free from sand, clay, grease, dust, salt or other foreign matters. The Contractor shall obtain the Engineer's approval, prior to applying any surface treatment.

B. Blend textured color base and acrylic coating with a mechanical mixer to achieve a uniform Fortified mixture. The mix shall be:

Color Base:	30 gallons
Colored Coating:	20 Gallons
Water:	20 gallons

C. Application shall be made by 50 durometer rubber faced squeegees. The fortified plexipave mixture should be poured on to the court surface and spread to a uniform thickness in regular pattern.

D. A total of 3 applications of fortified mixture shall be made to achieve a total application rate of not less than .15 gal./sy. No application should be made until the previous application is thoroughly dry.

3.04 Line Painting

A. Line shall be 2" wide unless otherwise noted on the drawings. Lines shall be carefully laid out in the accordance with ASBA, USTA, and USAPA guidelines. The area to be marked shall be taped to insure a crisp line. The paint shall have a texture similar to the surrounding play surface. Application shall be made by brush or roller at the rate of 150 – 200 sg/gal. (3/4) gal. per tennis court).

3.05 Protection

- A. Erect temporary barriers to protect coating during drying and curing.
- B. Lock gates to prevent use until acceptance by owners representative

3.06 Clean Up

- A. Remove all containers, surplus materials and debris. Dispose of materials in accordance with local, state and Federal regulations.
- B. Leave site in a clean and orderly condition.

END OF SECTION

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 12 93 00 SITE FURNISHINGS

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of all site furniture, including play equipment and play surfacing, as shown on the Plans and as specified herein.

1.03 References

- A. All play equipment shall meet or exceed the standards set forth by the Consumer Product Safety Commission (CPSC), comply with the Americans with Disabilities Act (ADA), meet all current ASTM standards and be consistent with State and local codes.
- B. The play area surfacing shall meet or exceed the fall absorption/impact rates set forth by the CPSC guidelines and ASTM standards. The surfacing shall be an accessible surface and manufactured specifically for play areas.
- C. Nothing in the Plans or Specifications is to be construed to permit work not conforming to regulating codes and standards. The Contractor shall furnish without extra charge any material and labor, when required, by the compliance with these rules and regulations, even though the work was not mentioned in these particular Specifications or shown on the Plans.
- D. The product manufacturer shall supply complete Specifications for the installation of all site furnishings, including play equipment and play surfacing.

1.04 Submittals

- A. Submittals for specified items are required. The Contractor shall submit a materials summary sheet indicating which items will be installed as specified and which items are proposed for substitutions. The Contractor shall submit proof of order within ten (10) working days of the Notice to Proceed, indicating all specified materials have been ordered, noting "as specified" or "substitution proposed". For the following items, also provide:

1. Benches with color samples

2. Tennis Nets and Posts
3. Pickleball Nets and Posts
4. Tennis and Pickleball Net Ground Anchor (If applicable)

- B. On the date of the Notice to Proceed, the Contractor shall immediately place the order to purchase all site furnishings, including the play equipment and play surfacing as specified on the Plans and as outlined herein. **Proof of all orders shall be submitted to the Project Manager within ten (10) working days of the Notice to Proceed.**
- C. The Contractor shall submit a Certificate of Compliance from a third party certified playground inspector which verifies that the entire playground, including individual components, and surfacing meets or exceeds regulated requirements as described in Section 1.03 above.

1.05 Record Drawings

- A. The Contractor shall keep an accurate record of the as-built conditions of the miscellaneous site amenities. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the “as-builts” to ensure compliance of the above.

PART 2 - PRODUCTS

2.01 Materials

- A. Benches shall be as shown on the Plans and as specified herein. The benches shall be as distributed by Miracle Play Group, (916) 317-0545, and as manufactured by MyT Coat or accepted equal. Color as selected by the City.
- B. Line Paint: see outdoor Sports Marking, Section 09 91 50.
- C. Tennis Net System: Posts shall be Model #RTP-300-BLK; Net shall be Model #TPL-5; Ground Anchor shall be model #A-2; Tennis Net Tie down strap shall be model #CS-1, all components shall be manufactured by Jaypro Sports and distributed by Miracle Playgroup, (916) 317-0545, or approved equal. Color as selected by the City.
- D. Pickleball Net System: Posts shall be Model #PPR10BK; Net shall be Model #PPR-10; Ground Anchor and footings shall be model #PPR-10. Contractor to confirm which additional components come with purchase of net and post. All components shall be manufactured by Jaypro Sports and distributed by Miracle Playgroup, (916) 317-0545, or approved equal. Color as selected by the City.
- E. Shade Structure: City to provide – Shade Structure to be 24' x 10' Hip T Cantilever as Manufactured by USA Shade. Color to be selected by the City. Install per manufactures recommendations.

PART 3 - EXECUTION

3.01 Installation

- A. Contractor to provide experienced workers or subcontractors to install all site furnishings, including the play equipment and play surfacing described in these Specifications. The workers or subcontractor must demonstrate that at least five (5) similar play structures and five (5) play surface applications similar to that specified for this project have been installed in the last three (3) years.
- B. All site furnishing, including play equipment shall be installed per manufacturer's instructions.
- C. Engineered wood fiber shall be blown in place to avoid damage to adjacent improvements unless specifically approved by City.
- D. All footings shall be Class A concrete with 3/4" maximum size aggregate, unless otherwise noted. Footings shall be in accordance with Caltrans Standard Specifications, Section 90. Install all footings below finish surface. In paved areas, install paved surface over footing for a clean finished surface as shown on the Plans.
- E. Carefully install all furnishings and equipment without disturbance to adjacent finishes. Contractor shall be responsible for the damage and subsequent repairs of damaged finished product.

3.02 Cleaning

- A. Thoroughly clean all areas where work has occurred. Remove from the site excess material, debris and rubbish.
- B. Take all precautions to protect completed work. Immediately repair or replace all damaged areas due to tire ruts, erosion, compaction failure, etc. Keep all erosion control measures intact.

PART 4 - WARRANTY

4.01 General

- A. Contractor shall warranty all site amenities included under this Section.
- B. Contractor shall also provide a written warranty covering all materials, equipment and workmanship furnished by him to be free of all defects after installation is accepted, including all defective parts that may have been found.
- C. Submit written warranty on company letterhead addressed to the City when providing As-built drawings.
- D. Contractor shall submit to the City, upon completion of work, a Certificate of Compliance by a third party certified playground inspector for the installation of the play structure and safety surfacing. Certification shall include testing for

- compliance of ASTM 1292 (Impact Attenuation of Surfacing Systems under and around Play Equipment). All tests, including re-tests, shall be the responsibility of the Contractor. Submit all test results to the City.
- E. Submit maintenance manual for poured-in-place resilient surfacing.
 - F. Contractor shall submit to the City, upon completion of work, a Certificate of Compliance from the manufacturer of the play structure for the installation of the play structure.
 - G. Contractor shall submit to the City, upon completion of work, critical fall criterion used to certify all play surfacing material.
 - H. Attach cut sheets of installed items to the warranty.

END OF SECTION

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 31 10 00 CLEARING AND GRUBBING

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.

1.02 Description

- A. Preserve and protect existing site amenities to remain, including, but not limited to, trees, shrubs, underground utilities and other improvements as shown on the Plans. Protection of work shall include affected improvements on adjoining properties.
- B. Scope of work includes: site preparation, removal of debris, staging of equipment and materials and securing the site for construction.

1.03 Related Work

- A. Section 31 20 00: Earthwork
- B. Section 01 57 23: Storm Water Pollution Control

1.04 Protection/Replacement

- A. Prior to demolition erect protective fencing a minimum of one foot (1') beyond the canopy of all trees to remain. The radius of the canopy shall be measured from the longest branch furthest from the trunk. Refer to the environmental document for additional requirements for protective fencing on other existing natural features. For work within or near protected trees, a tree permit may be required.
- B. If public use is to be maintained on unaffected portions of the project site, the Contractor shall be responsible for directing pedestrian and vehicular traffic safely around the construction zone. Utilization of temporary fencing, barricades, signage, etc. shall be the responsibility of the Contractor. Safe detours shall be available to the general public at all times during the course of construction.
- C. Protection of existing site improvements shown to remain, including, but not limited to, fencing, signs, benches, picnic tables, play structures, shade structures, drinking fountains, concrete paving, concrete wall and curbs,

- decomposed granite paving, asphalt concrete paving, recreational site improvements, etc. are to be protected and preserved.
- D. The Contractor shall be responsible for any damage to and maintenance of all existing street improvements, drainage facilities and irrigation systems and to re-establish these improvements to their original condition as soon as possible after completion of the work in the area, to the complete satisfaction of the Project Manager and Inspector. Realignment or modifications to the existing facilities as shown on the plans are accepted.
 - E. Survey monuments and markers either shown on the Plans or encountered during the course of construction shall be protected and preserved. The Contractor shall notify the Inspector upon discovery of an unmarked monument, at which time, arrangements for the relocation or adjustment of the monument will be determined. All costs associated with the relocation or adjustment of these monuments shall be the Contractor's responsibility.
 - F. Burning or burying removed material on-site is prohibited.
 - G. Where the removal of specific material creates an open hole, pit, trench or other depression, the Contractor shall immediately backfill and compact the areas consistent with requirements outlined in Section 31 20 00 of these Specifications.
 - H. All items identified in the Plans to remain or identified in the field to remain, removed in error by the Contractor, shall be repaired or replaced to match in equal or better construction, at no cost to the City. The quality of the repair or replacement shall be measured as that existing at contract award.

PART 2 - PRODUCTS

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PART 3 - EXECUTION

3.01 Pre-Construction Site Review

- A. Contractor shall review existing site conditions with the Inspector prior to start of construction and document any conditions which adversely affect the satisfactory execution of the work and final acceptance of the project.
- B. Commencement of work constitutes acceptance of existing conditions. The Contractor shall, at his expense, be responsible for correcting all unsatisfactory and defective work.

3.02 Clearing

- A. Completely remove trees, shrubs, stumps, vines, rubbish/debris, undergrowth, deadwood, structures, and other elements identified to be removed and/or which interfere with the construction as shown on the Plans and as specified.

- B. Obtain verification from the Project Manager for non-identified items scheduled to be removed prior to actual removal.

3.03 Grubbing

- A. Remove all stumps, roots, grasses and weeds in its entirety. Apply systemic weed killer. Confirm weed kill prior to removal.
- B. Once surface material is removed, the Contractor shall stockpile the top twelve inches (12") of topsoil for use during the final grading phase of work. This soil shall be free of rocks, debris, roots and other undesirable material.

3.04 Utilities

- A. Contact USA Alert (800) 642-2444 prior to commencement of any demolition or excavation work. Provide a minimum of 48 hours' notice. Verify all utilities entering into and their locations within the project site.
- B. Where utilities lie within the project site, but are not a part of the project, the Contractor shall cooperate with the agency or utility company having jurisdiction to maintain its use and the integrity of the structure.
- C. Where utilities enter into the project site and taps, connections to or extensions of the utility are identified in the Plans, the Contractor shall coordinate all work with the agency or utility company having jurisdiction to minimize or eliminate disruption of use by the adjacent properties.
- D. Verify that all utilities, shown to be removed on the Plans, are inactive and turned off prior to disconnection and/or re-routing, prior to demolition.

3.05 Debris Removal

- A. All materials removed as a part of this contract shall become the property of the Contractor and shall be legally disposed of off-site, unless otherwise noted on the Plans.
- B. Where a portion of a concrete slab, curb or wall and asphalt concrete paving or curb is to be removed, the concrete shall be cut with a concrete saw at a 90 degree angle so that the edge of the remaining concrete shall form a neat, straight line. Conform to the City of Roseville Design and Construction Standards, latest edition.

END OF SECTION

SECTION 31 20 00 EARTHWORK

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
- C. The standards set forth in the Caltrans Standard Specifications, latest edition, shall be in addition to the standards provided herein.
- D. The requirements set forth by CAL OSHA shall be in addition to the standards provided herein.

1.02 Description

- A. Provide all labor, operations and materials necessary for earthwork, including, but not limited to, staking and surveying; grading; excavating; installation of facilities necessary to perform excavation and subsequent removal of such facilities upon completion of work; subgrade preparation; backfilling; and other incidental items necessary for a complete project.
- B. This project is a balanced cut and fill project
- C. The intent of the grading plan is to provide positive drainage and to maintain slopes on walkways as required by the Americans with Disabilities Act and California Title 24 throughout the project site. The Project Manager shall be notified immediately of any discrepancies between the Plans and actual field conditions and/or conflicts between the design and code requirements.

1.03 Related Work

- A. Section 31 10 00: Clearing and Grubbing
- B. Section 01 57 23 Storm Water Pollution Control

1.04 Quality Assurance

- A. All work shall conform to local codes and regulations, including standards set forth in the Standard Specifications of the State of California, Business and Transportation Agency, Department of Transportation (Caltrans), Chapter 70 of the Uniform Building Code and ASTM.
- B. Relative compaction shall be the in-place dry density of soil denoted as a percentage of the maximum dry density of the same material. This shall be as

determined by ASTM 1557. The optimum moisture is measured by the water content which corresponds to the maximum dry density.

- C. Upon discovery of unforeseen subsurface site conditions, the Contractor shall notify the Inspector immediately.
- D. Upon discovery of hazardous materials, cease all activity and immediately contact the Fire Department.

1.05 Protection

- A. Provide and install all supports, shoring, bracing, underpinning, sheet piling and other methods for the sides of excavations necessary for ensuring safe working conditions for the workmen and to protect adjacent improvements to remain.
- B. Provide any and all protection measures necessary to ensure the protection of the workmen, the general public, including children and the project site. These protection requirements remain the Contractor's sole responsibility throughout the duration of the project, including non-working hours.
- C. Do not obstruct vehicular, bicycle or pedestrian thoroughfares, unless previously accepted by the City. Provide safe and adequate detours around the construction as required by City and State regulations.
- D. Trenches shall be covered at all times when work directly associated with the trenches is not occurring, including non-work hours.
- E. During the course of construction, the Contractor shall ensure that surface drainage does not create a nuisance onto adjacent properties.

1.06 Erosion Control Measures

- A. Construction sites shall have required erosion and sediment control measures in place as required by the Erosion and Sediment Control Plan. If construction is in progress, the Contractor shall ensure that the construction site is prepared prior to the onset of any storm. At a minimum, erosion control measures shall include:
 - 1. Broadcast seed
 - 2. Drainage area protection
 - 3. Dust/mud control
 - 4. Drain inlet filters
 - 5. Silt fence and straw wattles
 - 6. Slope protection
 - 7. Straw bales
 - 8. Silt controlling devices

PART 2 - PRODUCTS

2.01 Base Rock

- A. Class 2 aggregate base per Caltrans Standard Specifications, latest edition.

2.02 Drain Rock

- A. Drain rock shall be Class 2 permeable, washed, unbroken stone or gravel. Material gradation shall conform to the following:

Sieve Size	Percent Passing
1 inch	100
No. 4	20-50
No. 50	0-10
No. 200	0-5

2.03 Pea Gravel

- A. Pea gravel shall be natural stone, free of clay, shale or organic matter, and shall conform to the following:

Sieve Size	Percent Passing
3/8 inch	100
No. 4	47
No. 8	2
No. 16	1

2.04 Fill

- A. Structural Fill shall conform to Caltrans Standard Specifications or the accepted site-specific geotechnical report generated for the project.
- B. Fill for non-structural areas shall conform to the following standards:
1. Plasticity: ASTM D4318-84
 2. Expansion Index: No greater than twenty (20)
 3. Testing: UBC 29-9 and ASTM D422-72
 4. Particle Size: No greater than one inch (1")

2.05 Topsoil

- A. The top eight to ten inches (8" – 10") of native soil containing more than three percent (3%) organic material. Topsoil shall be free of rocks no larger than one inch (1") in diameter, free from subsoil, roots, heavy or stiff clay, coarse sand, destructive seeds, noxious chemicals, brush, debris, litter and other undesirable materials.
- B. For any import soil to be used in turf/planting areas, submit a soils analysis with soil amendment recommendations (for plant growth) for review and acceptance prior to placement on-site. Soils test information shall be as outlined in Section 32 90 00: Planting – 1.06.

2.06 Soil Sterilant

- A. Sterilizer shall be standard, quick-acting, short-lived and non-selective weed and grass killer, commonly used under roadway/transportation projects. Application of the sterilant shall pose no short or long term health threats to the installer or the general public. Submit analysis for approval prior to applying.

2.07 Sand

- A. Granular, fine, free of organic matter, mica, loam or clay material.

PART 3 - EXECUTION

3.01 Construction Staking

- A. The layout of all work shall be performed by a California State licensed land surveyor provided by the Contractor.
- B. Notify the Inspector immediately of any discrepancies between actual field conditions and the Plans. Minor field adjustments may be necessary in order to fulfill the intent of the Plans.
- C. Non-notification of discrepancies between actual field conditions and the Plans by the Contractor, in writing, shall indicate his acceptance of such field conditions. Adjustments/modifications to the construction to accommodate the inconsistencies (without notification) shall be at no additional cost to the City.

3.02 Excavation

- A. All excavations shall be as noted on the Plans. Excavations shall include accommodation of base material.
- B. Do not over-excavate. Excavations shall provide appropriate space to install shoring, bracing, formwork, etc., as needed to ensure the safe and proper construction of the work.
- C. Take every precaution to prevent water from entering, softening, and undercutting excavated areas, including, pits, footings, trenches, etc.
- D. Notify the Inspector immediately upon discovery of unsatisfactory soils materials or unforeseen site conditions. Excavation shall include the complete removal of the unsatisfactory material and its legal disposal thereof.

3.03 Site Grading

- A. A grading permit is required to be obtained by the Contractor prior to commencing any earthwork.
- B. Grading shall include adjacent transition areas, new elevations/contours as shown on the Plans. All subgrade areas shall be graded parallel to the finish grades and contours and shall be uniform in slope. Transition areas shall provide a smooth connection between new and existing grades and shall not create additional drainage or ponding onto adjoining properties.

- C. Surface grades shall provide for positive drainage away from structures and footings, and shall be uniformly smooth throughout.
- D. Rough grading shall:
 - 1. Be graded to a tolerance of 0.10 feet, plus or minus for planted and turf areas.
 - 2. Be graded with a tolerance less than .04' from specified grade and cross section for subgrade in which pavement, curbs and other structural elements are to be placed immediately above.
 - 3. Provide a subgrade surface free of exposed rocks, stones and boulders.
 - 4. Provide a subgrade surface free of depressions, pits, etc., with proper backfill and compaction. See paragraph 3.04 below.

3.04 Placement of Fill Material

- A. Prior to placement of fill material, the Contractor shall:
 - 1. Obtain approval of the subgrade surface from the Inspector.
 - 2. Scarify, dry and compact soft and/or wet areas.
 - 3. Remove and replace unsuitable subgrade material to the satisfaction of the Inspector.
 - 4. Take all necessary corrective action.
- B. Do not use topsoil as fill or backfill material, unless otherwise accepted in writing.
- C. Fill shall be placed in the following manner:
 - 1. Accepted engineered fill material for structural slabs and areas to be paved shall be placed in six-inch (6") loose thickness, uniform layers over the entire area.
 - 2. Fill material in planted areas shall be placed in twenty-four inch (24") maximum loose thickness throughout the areas to receive fill.
- D. Aerate or water each lift to obtain the required compaction rate indicated on the Plans. Thoroughly mix material to ensure proper moisture content for compaction. Repeat the operations until grades, as shown on the Plans, are obtained. Jetting of trenches shall be reviewed and accepted by the Inspector prior to performance of work.
- E. Do not place fill when the subgrade is frozen, muddy or wet. Allow conditions to thaw and dry out before resuming operations.
- F. Use hand tampers or vibrating compactors around foundations walls, retaining walls and other structural elements. Do not use large equipment in these areas

and do not begin compaction operations until the bearing surfaces have reached its design strength.

- G. Fill around existing trees to remain shall not exceed twelve inches (12").
 - 1. Minor fill (6" or less) shall utilize topsoil and shall be placed by hand. Do not cover crown of trunk. Feather grades to the extent possible.
 - 2. Fills between 6" and 12" shall utilize 3/4" pea gravel on grade, placed up to three inches (3") below finish grade. Apply topsoil, by hand, to meet finish grade elevations. Feather grades to the extent possible.
- H. Construct mounds from on-site material. The core of the mound (1' below finish elevations) shall be compacted to 90%. The top twelve inches (12") shall be compacted to 85%. Place topsoil in the top twelve inches (12").
- I. Place topsoil in all turf and planting areas a minimum of twelve (12) inches deep. See Section 31 10 00, 3.03-B: Clearing and Grubbing.

3.05 Trenching, Backfilling and Compacting

- A. For trenches greater than five feet (5') in depth, submit an OSHA permit related to the work.
- B. All trenches shall be straight, true and cut vertical at 90 degrees to the surface plane.
- C. For trenches through existing paved surfaces, use a concrete saw or other tool to achieve straight, clean lines. Replace paved surface to the same or better condition as existing prior to cut.
- D. Do not over-excavate. Maintain bearing surfaces true, level and undisturbed to the extent possible.
- E. Trenches shall be kept dry and frost-free. Do not allow standing water to collect.
- F. Do not allow trenches to remain exposed at any time when work directly related is not occurring. Cover all trenches during non-work hours.
- G. Bedding for all trenches to receive pipes shall be as follows:
 - 1. Bedding material shall be consistent with the City of Roseville Design and Construction Standards, latest edition.
 - 2. Pipe shall lie completely on bedding. Pipe fittings or joints shall not bear weight.
 - 3. Bedding shall be uniform throughout the length of pipe.
- H. Initial backfill for storm drains, sewer lines and electrical conduit shall conform the applicable City standard set forth by the Department having jurisdiction.
- I. Backfill beyond the initial operations shall be native soil, placed in twelve-inch (12") lifts. Compaction for trenched areas shall be 95% for parking lot, driveway

and roadway areas; 90% for hardscape (i.e. walkways, picnic pads basketball and tennis courts); and 85% in areas to be planted. Place topsoil over trenches in planted areas. Upon completion, all trenches shall be filled flush with adjacent finish grades.

- J. Compaction tests shall be required for trenched areas, hardscape areas and areas where fill over two feet in depth will be placed. The Inspector shall determine the number of tests and the locations. Re-tests shall be the Contractor's responsibility.
- K. Potholing shall be required in areas where existing utilities are indicated. Hand digging may be required.

3.06 Soil Sterilant

- A. Soil sterilant shall be applied to areas where paving is to be installed. The worker applying the sterilant shall take every precaution to avoid overspray of sterilant onto areas to be planted. The sterilant shall be placed no further than six inches (6") beyond the edge of pavement.
- B. Soil sterilant shall not be applied in inclement weather and windy days.

3.07 Drainage Areas

- A. All bare areas, regardless of slope, within 50 feet of natural drainages shall be covered with straw and pressed in place.
- B. No grading or trenching, except as required for erosion or sediment control, shall occur within 35 feet from the centerline of perennial and intermittent drainage swales between October 5 and April 1 unless approved by the Engineering Division, as well as any other governmental agency which may have additional jurisdiction and/or requirements.

3.08 Dust/Mud Control

- A. Adjacent Streets: Adjacent street frontages shall be swept at least once a day to remove silt and other dirt which is evident from construction activities.
- B. Construction Vehicles: The Contractor is responsible for cleaning construction vehicles leaving the site on a daily basis to prevent dust, silt, mud and dirt from being released or tracked offsite. Adjacent streets shall be swept clean daily.
- C. Grading Spoils: Dry stockpiles of soil shall be watered to prevent the generation of airborne dust. Trucks transporting dry soil shall be covered with tarpaulins.
- D. Water: Water shall be sprayed on all exposed earth surfaces during clearing, grading, earth moving and other site preparation activities. The exposed earth shall be watered throughout the day to minimize dust. The Contractor shall obtain a hydrant permit from the Environmental Utilities Department.
- E. Wind Allowances: Grading activities shall be restricted or halted when winds exceed 15 miles per hour as deemed necessary by the Public Works Inspector.

END OF SECTION

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 32 12 16 ASPHALT CONCRETE PAVING

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
- C. The standards set forth in the City of Roseville Design and Construction Standards and the City of Roseville Parks Construction Standards, latest editions, shall be in addition to the standards provided herein.
- D. The standards set forth in the State of California Title 24, Americans with Disabilities Act, latest edition, shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of asphalt concrete paving, including international disabled signs as shown in the City Standard, as shown on the Plans and as specified herein.

1.03 Related work

- A. Section 09 91 50: Outdoor Sports Court Markings

1.04 References

- A. Caltrans Standard Specifications for asphaltic concrete, latest edition.

1.05 Tolerances

- A. All surface areas shall drain. Ponding, puddling or birdbaths are not acceptable.
- B. Surface grades shall conform to the following:

Description	shall not exceed, ... from indicated line, grade or thickness
Base Course	0.1 foot +/-
Finish Surface	0.05 foot +/-
Thickness of finished pavement	0.01 foot less

- C. Flatness: maximum variance of 1/8" as measured with a ten (10) foot straight edge.

1.06 Testing

- A. Testing shall occur during the installation of pavement. The number and frequency of tests shall be as determined by the Inspector.

PART 2 - PRODUCTS

2.01 Aggregate Base

- A. Conform to Caltrans Standard Specification, Section 26 paragraph 1.02B, Class 2.

2.02 Asphalt Concrete

- A. Conform to Caltrans Standard Specification, Section 39 and the City of Roseville Design and Construction Standards, latest edition.

2.03 Soil Sterilant

- A. Sterilizer shall be standard, quick-acting, short-lived and non-selective weed and grass killer, commonly used under roadway/transportation projects. Application of the sterilant shall pose no short- or long-term health threats to the installer or the general public. Submit analysis for approval prior to applying.

2.04 Striping

- A. Refer to sports surfacing section 09 91 50

2.05 Header

- A. Per City of Roseville Parks Construction Standards, latest edition.

PART 3 - EXECUTION

3.01 Preparation

- A. Upon completion of grading operations, compact the subgrade at the required elevation to a relative compaction density of 95%, unless otherwise noted on the Plans. A load or performance test shall be conducted in the presence of the Inspector prior to the placement of AC.
- B. Apply soil sterilant per manufacturer's directions. Limit the work zone of the sterilant application to the area to receive paving plus three feet (3') on each side.
- C. Completely install redwood header as shown in the City of Roseville Parks Construction Standards, latest edition, if shown on the Plans.
- D. No material shall be placed in muddy conditions, nor shall any material be placed during or immediately after inclement weather, i.e. rain storms, temperatures below 35 degrees F, etc.

- E. In areas where soil conditions are less than optimal, geotechnical tests shall be performed to verify compaction rates. The Inspector shall determine the number of tests necessary in order to verify conditions. Initial tests will be provided by the City. Re-tests shall be the Contractor's responsibility.

3.02 Installation

- A. Spread aggregate base material in six-inch (6") lifts.
- B. Compact base surface to a relative compaction of 95% and in accordance to the Caltrans Standard Specifications, Section 26.
- C. Spread asphalt concrete material in accordance to the Caltrans Standard Specifications, Section 39.
- D. Upon completion, apply water to the finished surface and allow water to run-off. All areas of ponding, puddling or birdbaths shall be filled with asphalt and fine aggregate. Conform fill surface with adjacent surface to the point edges are not visible.
- E. Take every precaution to protect adjacent amenities or structures from material spillage or damage. In case of spillage or damage, the Contractor shall immediately repair or replace the damaged area to the satisfaction of the City.
- F. Clean and oil all manhole covers, grates and other surface structures within the pavement area.
- G. Clean all surface structures that lie within the asphalt concrete area.

3.03 Striping

- A. Conform to the City of Roseville Design and Construction Standards, latest edition.
- B. Ensure that all pavement to receive striping is completely cured. Clean all pavement surfaces.
- C. All pavement lines widths to be per manufactures recommendations.
- D. Apply all pavement markings on clean, dry surfaces, during weather conditions where temperatures are higher than 35 degrees F, no rain is occurring or predicted within the next twenty-four (24) hours, and the humidity is less than 80.
- E. Remove all excess adhesives and tracking onto unmarked areas.

3.04 Protection and Cleaning

- A. Do not allow equipment or vehicles to park on new asphalt surfaces upon completion of coating. At his discretion, the Contractor may allow the parking of equipment and vehicles on the asphalt concrete **AFTER** the asphalt concrete material has been laid, passing applicable compaction tests and **PRIOR TO** applications of coating and striping.

END OF SECTION

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 32 31 13 CHAIN LINK FENCING

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Special Conditions shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of the chain link fence system, including gates as shown on the Plans and as specified herein.

1.03 References

- A. Caltrans Standard Specifications, latest edition.

PART 2 - PRODUCTS

2.01 General

- A. Wire used in the fabric shall be galvanized and shall have a tensile strength of 80,000 lbs. per square inch based on cross sectional areas of the wire. One sample shall be tested without removing bends caused by weaving of the wire with the mesh. A second test shall be conducted on a wire strand carefully straightened. The tensile strength is finally determined as the average reading between the two tests. Wire to match fabric selection.
- B. Fabric shall be 1-3/4" 9-gauge nominal wire mesh, hot-dipped galvanized after weaving as shown on the plans. Conform to ASTM A392, with tensile strength as described in 2.01A above. Fabric shall be knuckled top and bottom with single width to full height of fence.
- C. Ties/Fasteners shall be 9-gauge aluminum or black powder coated wire.
- D. Fittings, clips, bolts, bands, bars, post tops/covers and other hardware necessary for a complete fence system shall be galvanized.
- E. Where fencing is shown on the Plans to be black vinyl or powder coated, all appurtenances, including fabric, posts, rails, clips, bands, fittings, etc., necessary for a complete fence system shall be black vinyl or powder coated. Vinyl or powder coating shall be the industry standard for this type of finish.

2.02 Posts and Rails

- A. Posts and rails shall be hot-dipped galvanized per ASTM A53 or black powder coated, to match fabric and as shown on the Plans. All posts shall be installed with moisture-proofed caps on the top.
- B. Size and lengths of posts shall be as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.

2.03 Gates

- A. Fabric and finish to match fence.
- B. Hinges and latches shall be industrial strength, heavy duty and shall fit snugly around post. Latches shall be lockable.
- C. Size and lengths of posts shall be as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.

PART 3 - EXECUTION

3.01 Post Installation

- A. Posts are to be spaced evenly as shown on the City Standard and set plumb and true to lines with the top line uniform as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.
- B. All posts shall be set in concrete as shown in the City of Roseville Design and Construction Standards PK-40, latest edition.
- C. Where nicks on vinyl or powder coated finished occurs due to installation, the Contractor shall re-finish and patch damaged areas immediately.

3.02 Fabric

- A. Attach fabric using fabric bands or clips spaced approximately 14" apart. Connections to top rails and tension wires shall utilize wire ties placed 24" on center.
- B. For corner and vertical end connections, install stretcher bars banded to posts and gate frames at 24" apart (maximum).
- C. All fabric to be stretched tight, free from sags and bulges.

3.03 Rails

- A. For splices along the top rail, provide couplings every 20'. The coupling shall produce a continuous brace from end to end of each stretch of fence. Install a heavy spring at every fifth coupling to allow for expansion or contraction.
- B. Utilize the appropriate fittings to ensure that all rails are rigidly clamped to end and corner posts.
- C. Clamp mid and bottom rails at each post.

3.04 Gates

- A. Gates shall be installed consistent with the City Standard detail. Verify grade conditions along the fence bottom to ensure proper use of the gate(s).
- B. Gate openings shall be face-to-face dimensions and shall swing according to the Plans.

3.05 Cleaning

- A. Thoroughly clean all areas where work has occurred. Remove from the site excess material, debris and rubbish.
- B. Take all precautions to protect completed work. Immediately repair or replace all damaged areas due to tire ruts, erosion, compaction failure, etc. Keep all erosion control measures intact.

END OF SECTION

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

SECTION 33 00 00 UTILITIES

PART 1 - GENERAL

1.01 General Requirements

- A. The requirements set forth in the General Conditions shall be in addition to the standards provided herein.
- B. The requirements set forth in the Supplemental Conditions shall be in addition to the standards provided herein.
- C. The standards set forth in the City of Roseville Design and Construction Standards, latest edition, for storm drainage throughout the project and for sanitary sewer installations within the public rights-of-ways, easements, or as shown on the improvement plans shall be in addition to the standards provided herein.
- D. The standards set forth in the latest edition of the California Building Code (CBC) for sanitary sewer installation within the project site, outside of the public right-of-way or easement shall be in addition to the standards provided herein.

1.02 Description

- A. Furnish all labor, materials and equipment for the complete installation of the storm drain system and sanitary sewer pipe, and necessary appurtenances as shown on the Plans and as specified herein.
- B. Submit a materials listing for review and approval prior to commencement of specified work.

1.03 Related Work

- A. Section 31 10 00: Clearing and Grubbing
- B. Section 31 20 00: Earthwork

1.04 Safety Requirements

- A. Furnish, install and maintain required sheeting, shoring, bracing, and other methods to ensure complete and safe work environment for all workers. Upon completion of work, remove all bracing, shoring, etc. in its entirety, unless otherwise directed by the Inspector.
- B. Prior to excavation or trenching, the Contractor shall contact USA Alert (800) 227-2600 to locate all known utilities a minimum of 48 hours prior to start of work. During the course of construction, the Contractor shall take every

precaution to maintain and protect utilities noted to remain. Said utilities shall remain operational at all times, unless otherwise noted on the plans.

- D. The existing utilities are shown on the Plans based on the information available at the time of contract document development. The City shall not assume responsibility for any inaccuracies or incompleteness of the Plans based on such information. The Contractor shall immediately notify, upon damage of any pipeline or facility, the Owner and/or its agents and take every action necessary to repair or replace damaged facilities to the satisfaction of the Inspector, and at no additional cost to the City.
- E. Trenches, excavations and repair of pavement shall be consistent with Section 31 20 00: Earthwork.

1.05 Coordination

- A. The piping system as shown on the Plans is diagrammatic. The Contractor shall make reasonable adjustments to the layout to avoid conflicts, based on actual field conditions. Said changes shall not interfere with the design intent of the system.

1.06 Tolerance

- A. The allowable tolerance for the installation of pipe is 0.05 feet within grades or spot elevations indicated on the Plans.

1.07 Product Storage

- A. Take every precaution to protect the materials and pipes from damage during the delivery, storage and installation of the pipe system. Store in a cool, contained area, protected from direct sunlight and per manufacturer's recommendations. Pipe shall be supported on firm level ground at the site.

1.08 Record Drawings

- A. The Contractor shall keep an accurate record of the as-built conditions of the storm drain and sanitary sewer system. These records shall be updated daily and kept at the construction site. At any time, the Inspector may examine the conditions of the "as-builts" to ensure compliance of the above.

PART 2 - PRODUCTS

2.01 General

- A. All products shall conform to City of Roseville Design and Construction Standards, latest edition, except as noted below.

2.02 Drain Pipe

- A. Solid drainpipe shall be PVC SDR 35 and shall conform to ASTM D1784, or accepted equal. Gasketed connections shall conform to ASTM F477.
- B. Perforated drainpipe shall be smooth walled PVC, open per Caltrans Section 68-1.02K, or accepted equal.

2.03 Drain Rock

- A. Drain rock shall be Class 2 washed, $\frac{3}{4}$ " diameter.

2.04 Filter Fabric

- A. Filter fabric shall be Mirafi 140N, or accepted equal.

2.05 Drains

- A. Drain Inlets shall be pre-cast and a minimum size of twenty-four inches (24") square or round by Jensen Precast, or accepted equal.
 - 1. Grate shall be heavy duty, cast iron, walk-on, and bolt down.
 - 2. Box extensions shall be Jensen Precast, or accepted equal.
 - 3. The base shall be six inches (6") thick.
 - 4. Walls shall be six inches (6") thick.
 - 5. A "No Dumping" Metal Storm Drain Marker shall be affixed to the concrete color of each drain inlet (See Detail DR-20)
 - 6. Contractor may install cast-in-place drain inlets in lieu of pre-cast drain inlets. Submit shop drawings and concrete mix design for review and approval.
- B. Channel Drains for baseball/softball backstop areas shall be Polycast 600 series pre-sloped trench drains with galvanized steel slotted grates or accepted equal.
- C. Sanitary sewer clean outs shall be as specified in the City of Roseville, Design and Construction Standards, latest edition.

2.06 Manholes

- A. Manholes shall have tongue and groove joints, be forty-eight inches (48") minimum in diameter, meeting ASTM C-478.
- B. Covers shall be cast iron.
- C. All components shall conform to the City of Roseville Design and Construction Standards, latest edition.

2.07 Tracer Wire

- A. Insulated solid copper wire, minimum #12 gauge. Color shall be green.

2.08 Sanitary Sewer Pipe

- A. Vitrified clay pipe (VCP) shall be as specified in Section 91 Sanitary Sewer in the City of Roseville, Design and Construction Standards, latest edition.

- B. PVC SDR 35 may be used for drinking fountain drain applications only, with prior approval, and shall conform to ASTM D3034.

2.09 Potable Water Warning Tape

- A. On sites with both Recycled water and potable water lines. Blue plastic tape, 3 inches wide, with the words "CAUTION: POTABLE WATERLINE" imprinted in minimum 1-inch high, black letters. Imprinting shall be continuous and permanent.

PART 3 - EXECUTION

3.01 General

- A. All pipes shall slope uniformly from given elevations shown on the Plans.
- B. All pipes shall be accurately laid true to line and grade, utilizing accepted construction methods.
- C. Damaged or cracked pipe and fittings shall not be installed and shall be removed from site.
- D. Install all pipe in locations shown on the Plans, except where existing conditions necessitate minor changes.
- E. All pipe and fittings shall be kept clean and closed throughout the course of construction.
- F. Connections to existing sanitary sewer stubs shall be "TV-ed" and air tested prior to the start of construction per the City of Roseville Design and Construction Standards, latest edition.

3.02 Installation

- A. Installation of the specified pipe lines shall conform to the City of Roseville Design and Construction Standards, latest edition.
- B. Notify the Inspector a minimum of 48 hours prior to covering of work to ensure timely inspections.
- C. Cutting of AC or concrete paving shall be clean, vertical and straight, using a saw, or other tool specific to this application. Replace paving to existing or better condition prior to work.
- D. Trench and backfill shall be per City of Roseville Design and Construction Standards, latest edition.
- E. Catch basins and drain inlets shall be installed with a concrete collar with "No Dumping" message and fish symbol depressed into the concrete or bolted in place, consistent with Drawing DR-20 the City of Roseville Design and Construction Standards, latest edition.

- F. Drain inlets installed in mulched planter areas shall have a 12-inch wide collar of 2- to 6-inch river cobble placed over filter fabric.
- G. Channel drains shall be set per manufacturer's instructions. Place slotted grates along the entire length of the backstop, including wing fencing, wherever concrete is placed adjacent to the backstop system. Provide a below grade piped connection at all gate openings into the infield area. Do not install grated drain sections at these entry/exit points.
- H. Manholes shall be per City of Roseville Design and Construction Standards, latest edition. Install grate flush with finish grade.
- I. Sanitary Sewer Clean-outs shall be installed with 3M ball markers and shall be located within planted or turf areas, whenever possible. Place clean-outs at 100' intervals throughout the project. Clean-outs shall not be located within play areas. Install per City of Roseville Design and Construction Standards, latest edition.
- J. Upon completion, thoroughly flush storm drain system in the presence of the Parks Inspector.

3.03 Tracer Wire

- A. Install tracer wire on top of the potable water lines
- B. Tracer wire shall be continuous with no splices.

3.04 Potable Water Warning Tape

- A. To be used on all potable water piping installed within the same project limits as on-site recycled water piping.
- B. Install plastic warning tape in pipe backfill, six inches above pipe, for the entire length of the pipe.

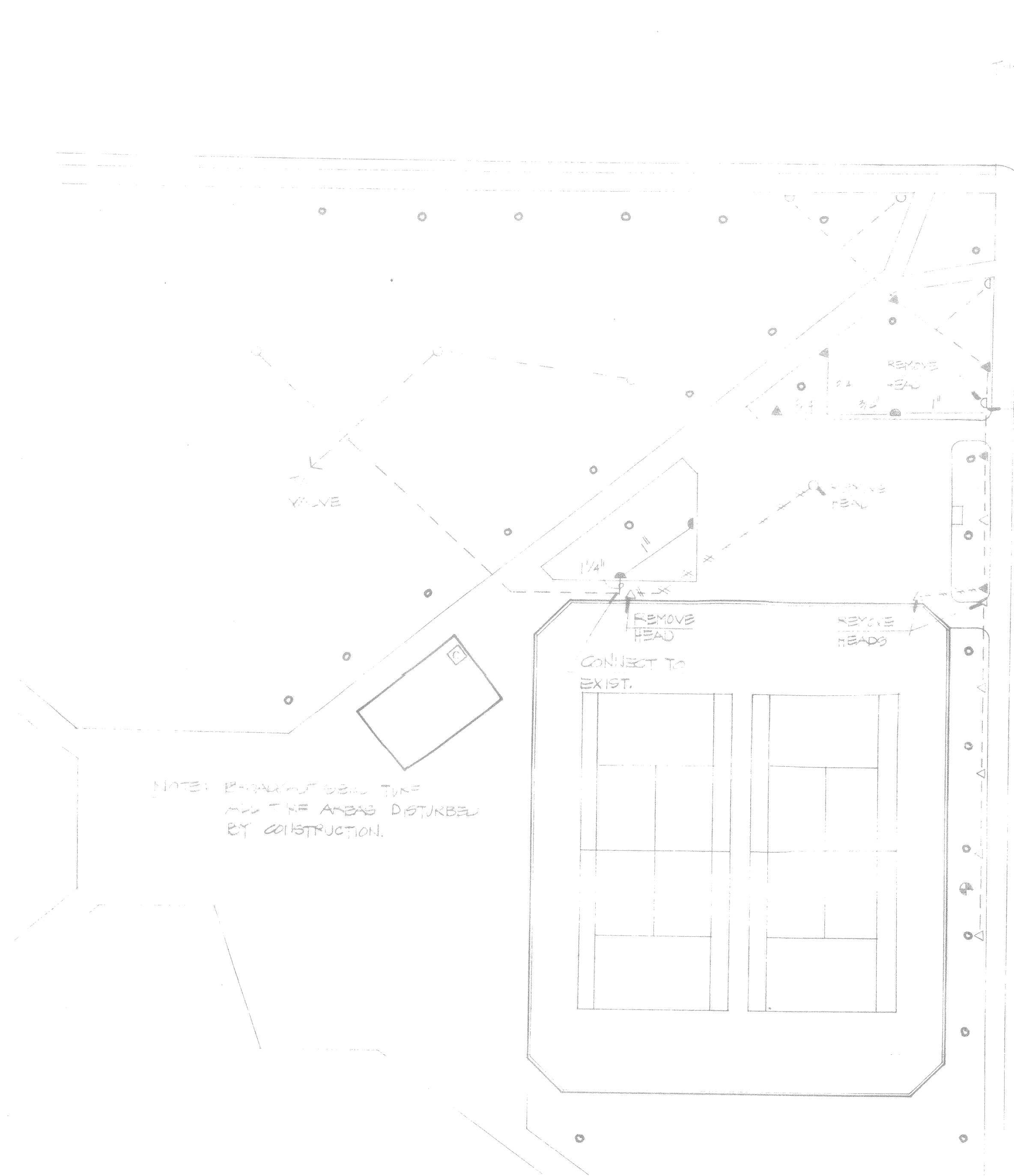
3.05 Cleaning

- A. Keep site clean at all times. Remove from the site all debris and rubbish and legally dispose.

END OF SECTION

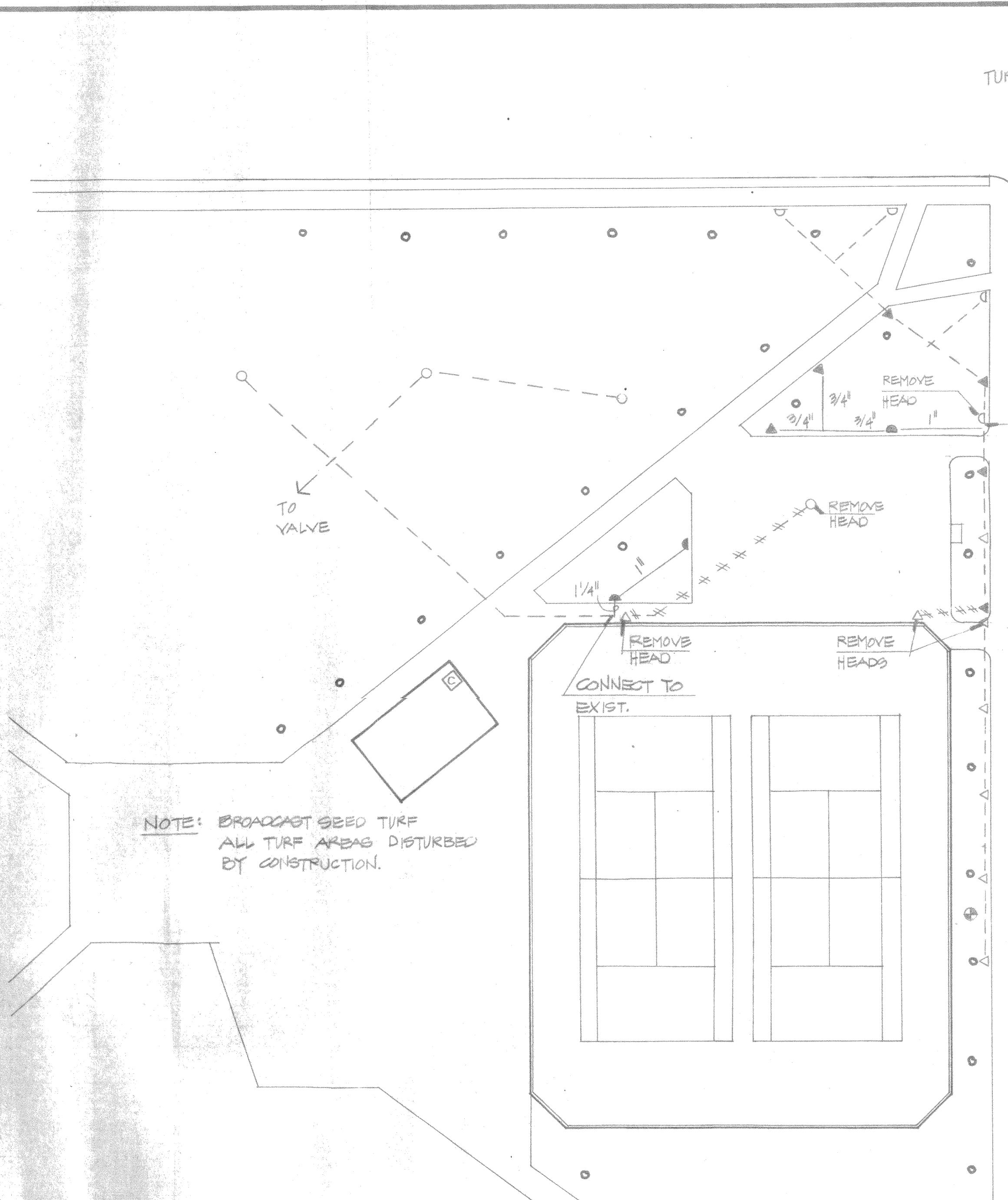
APPENDENCY A
WOODBIDGE PARK PLANS 1988

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING



IRRIGATION LEGEND

EXISTING	NEW
1" CIRCLE	1" CIRCLE
1/2" CIRCLE	1/2" CIRCLE
1/4" CIRCLE	1/4" CIRCLE
1/8" CIRCLE	1/8" CIRCLE
1/16" CIRCLE	1/16" CIRCLE
1/32" CIRCLE	1/32" CIRCLE
1/64" CIRCLE	1/64" CIRCLE
1/128" CIRCLE	1/128" CIRCLE
1/256" CIRCLE	1/256" CIRCLE
1/512" CIRCLE	1/512" CIRCLE
1/1024" CIRCLE	1/1024" CIRCLE
1/2048" CIRCLE	1/2048" CIRCLE
1/4096" CIRCLE	1/4096" CIRCLE
1/8192" CIRCLE	1/8192" CIRCLE
1/16384" CIRCLE	1/16384" CIRCLE
1/32768" CIRCLE	1/32768" CIRCLE
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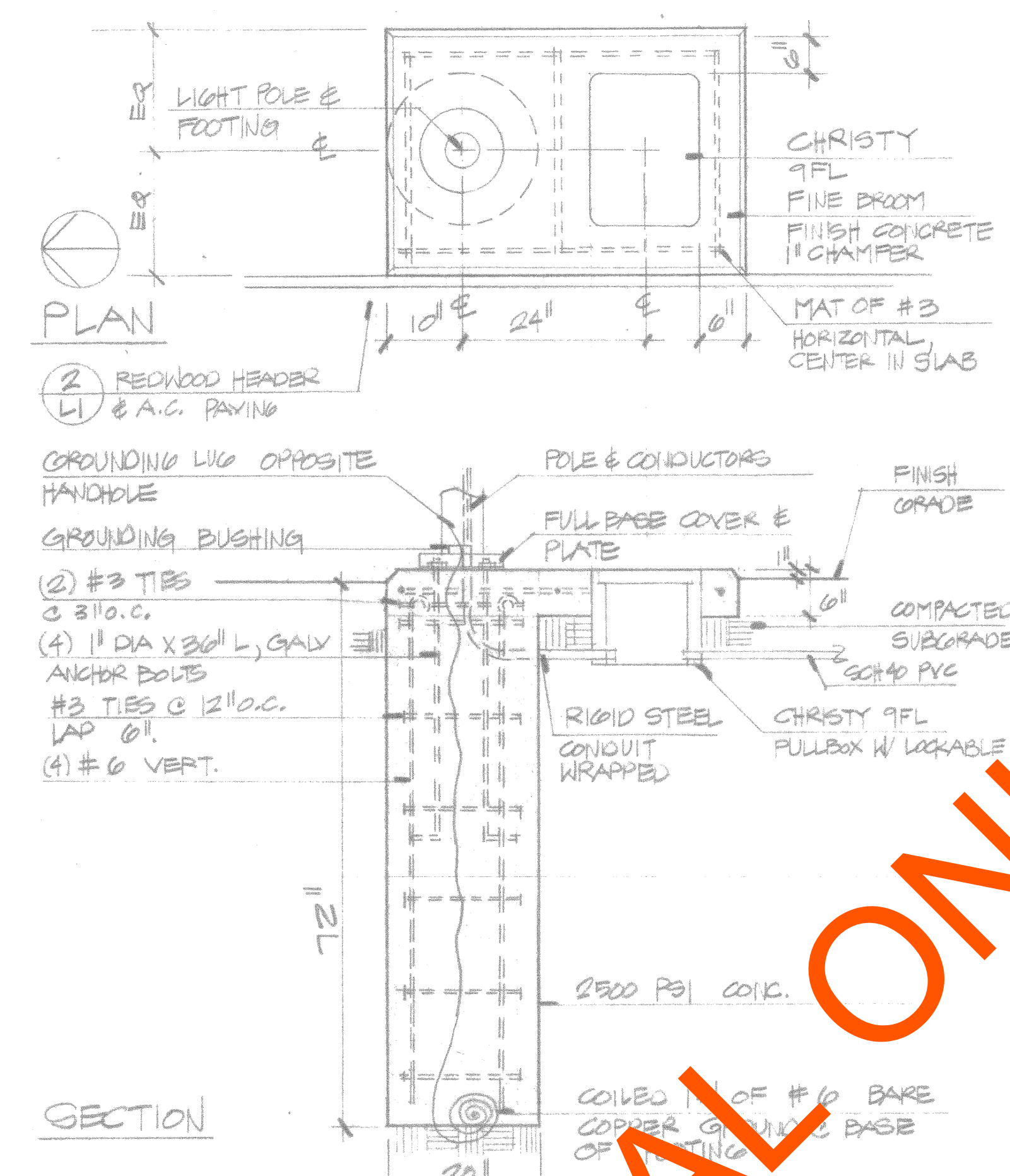
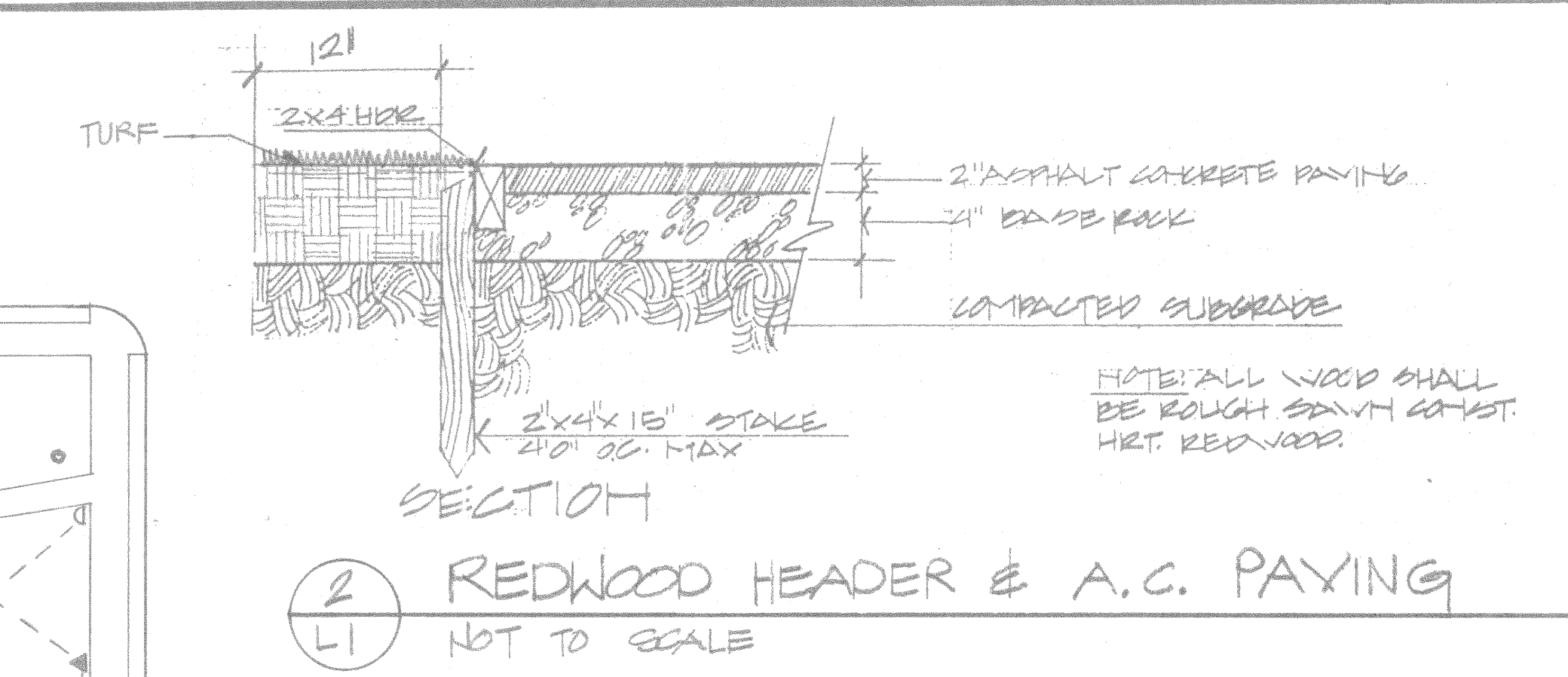


IRRIGATION LEGEND

EXISTING	NEW	
○	●	FULL CIRCLE POP-UP TURF ROTOR
△	▲	PART CIRCLE POP-UP TURF ROTOR
△	▲	PART CIRCLE POP-UP TURF SPRAY HEAD
□	■	CONTROLLER
○	●	REMOTE CONTROL VALVE
—	—	LATERAL LINE
---	---	ABANDON LATERAL LINE

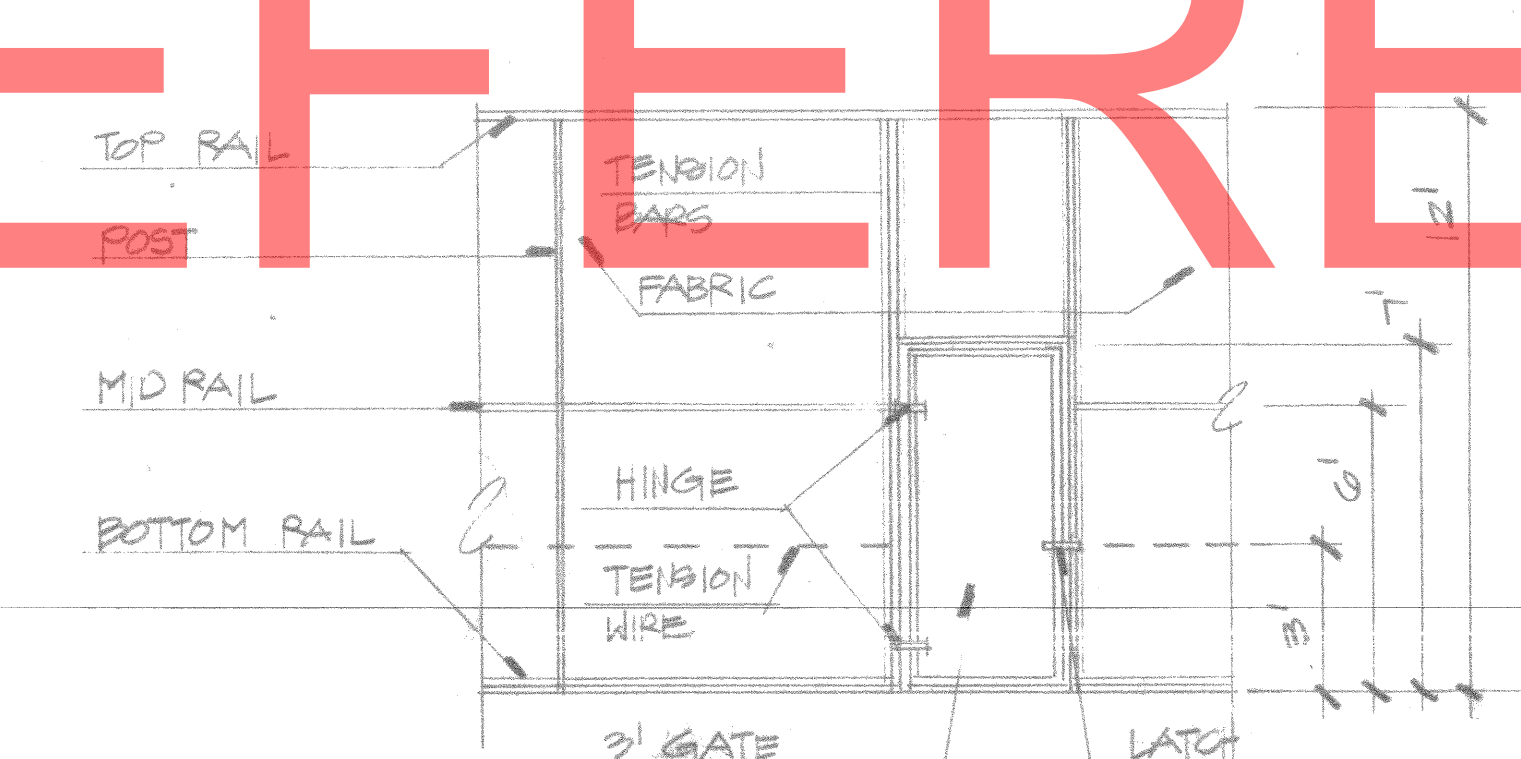
6 IRRIGATION & PLANTING PLAN
LI 1" = 20'-0"

- IRRIGATION NOTES
1. MATCH EXISTING EQUIPMENT AND ASSEMBLY IN-KIND.
 2. COORDINATE EXACT LAYOUT AND INSTALLATION WITH PARK SUPERINTENDENT.

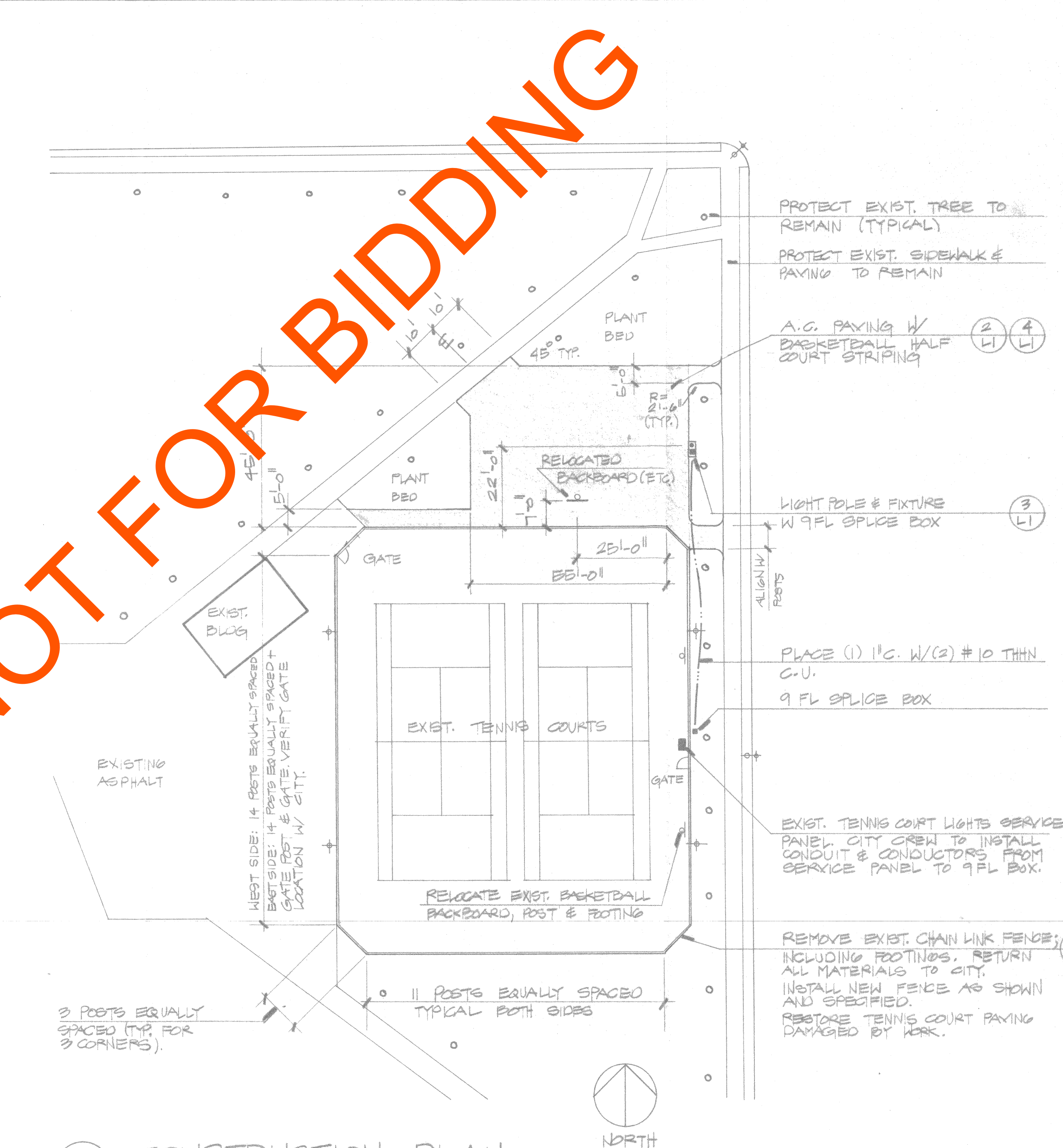


3 LIGHTPOLE BASE & FOOTING
LI 3/4" = 1'-0"

4 BASKETBALL HALF-COURT STRIPING
LI NOT TO SCALE



5 TENNIS COURT FENCE ELEVATION
LI 1/4" = 1'-0" SEE PLAN FOR POST LOCATIONS



1 CONSTRUCTION PLAN
LI 1" = 20'-0"

ELECTRICAL NOTES

1. FIXTURE: GENERAL ELECTRIC, HLUVLU POWERFLOOD FLOOD LIGHT, 400 WATT, METAL HALIDE, 240 VOLT, AUTOREG BALLAST, WITH PHOTO EYE RECEPTACLE & KNUCKLE SLIPFITTER FOR 1.9-3.0 IN. O.D. TENON AND LEXAN POLYCARBONATE RESIN VANDAL SHIELD.
2. POLE: GENERAL ELECTRIC, ROUND, TAPERED, STEEL, NOMINAL MOUNTING HEIGHT OF 30 FEET, 2 3/8" O.D. TOP TENON, HOT DIPPED GALVANIZED FINISH.

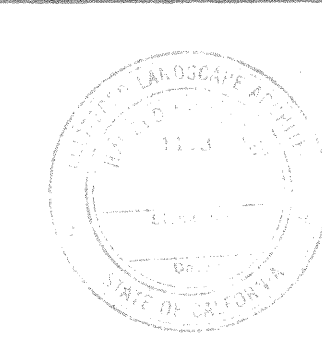
CONSTRUCTION NOTES

1. FIELD VERIFY EXISTING GRADES AND DRAINAGE. CONFORM TO EXISTING GRADES AND DRAINAGE.
2. SLOPE PAVED SURFACES 1% MINIMUM.
3. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCIES.

FOR COUNCIL REFERENCE ONLY

Project Team

Approved



Royston
Hanamoto
Alley &
Abe

Landscape Architects:
Land Planning
Urban Design
Park Planning
Environmental Planning
225 Miller Avenue
Mill Valley
California 94941
415 383-7900

Sheet Title
PLANS & DETAILS
Project
WOODBRIDGE PARK
ROSEVILLE, CALIFORNIA

Approved:

Date
Job Number
Revised

APPENDENCY B
WOODBIDGE PARK PLANS 1989

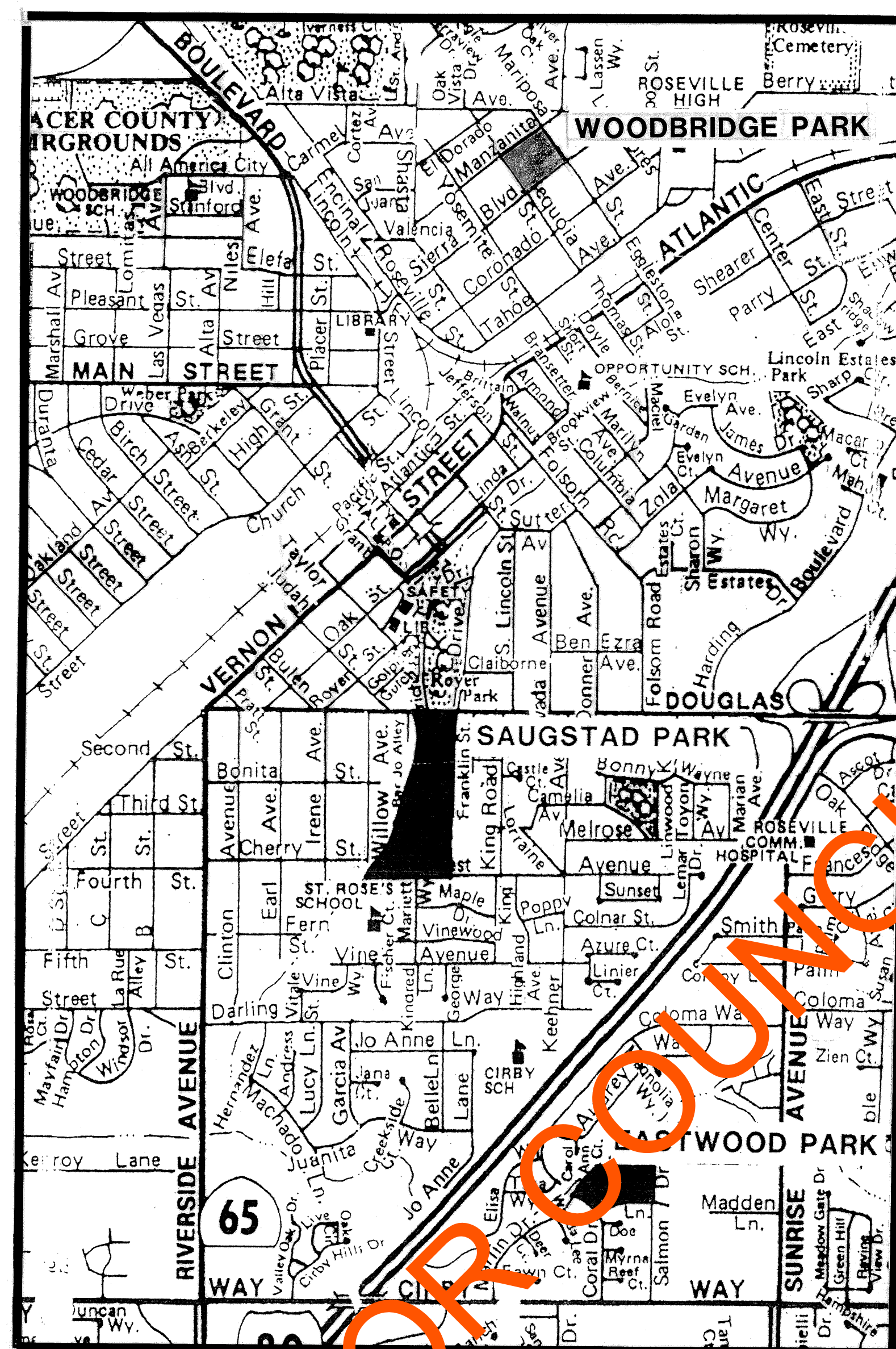
FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

PROPOSED IMPROVEMENTS FOR:

WOODBIDGE PARK

CITY OF ROSEVILLE, CALIFORNIA

SEPTEMBER, 1989



LIST OF DRAWINGS

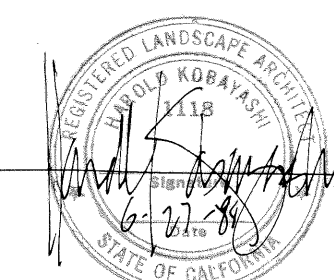
L1 PLANS & DETAILS

PARKS & RECREATION DEPARTMENT

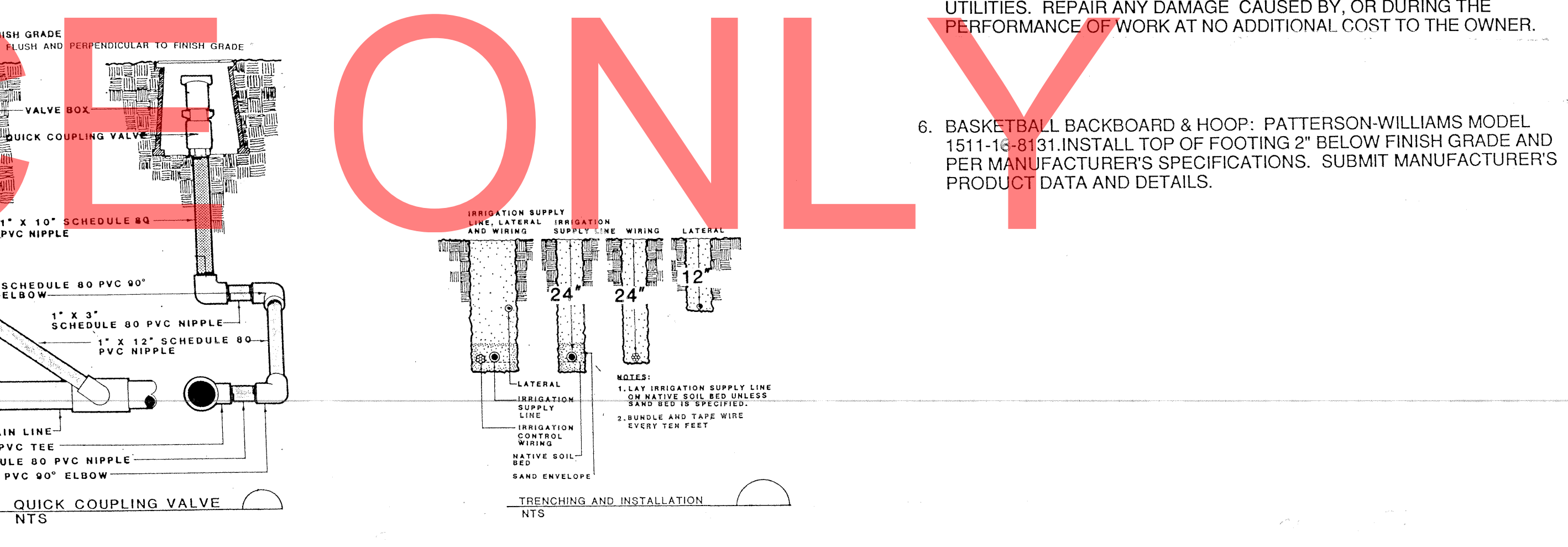
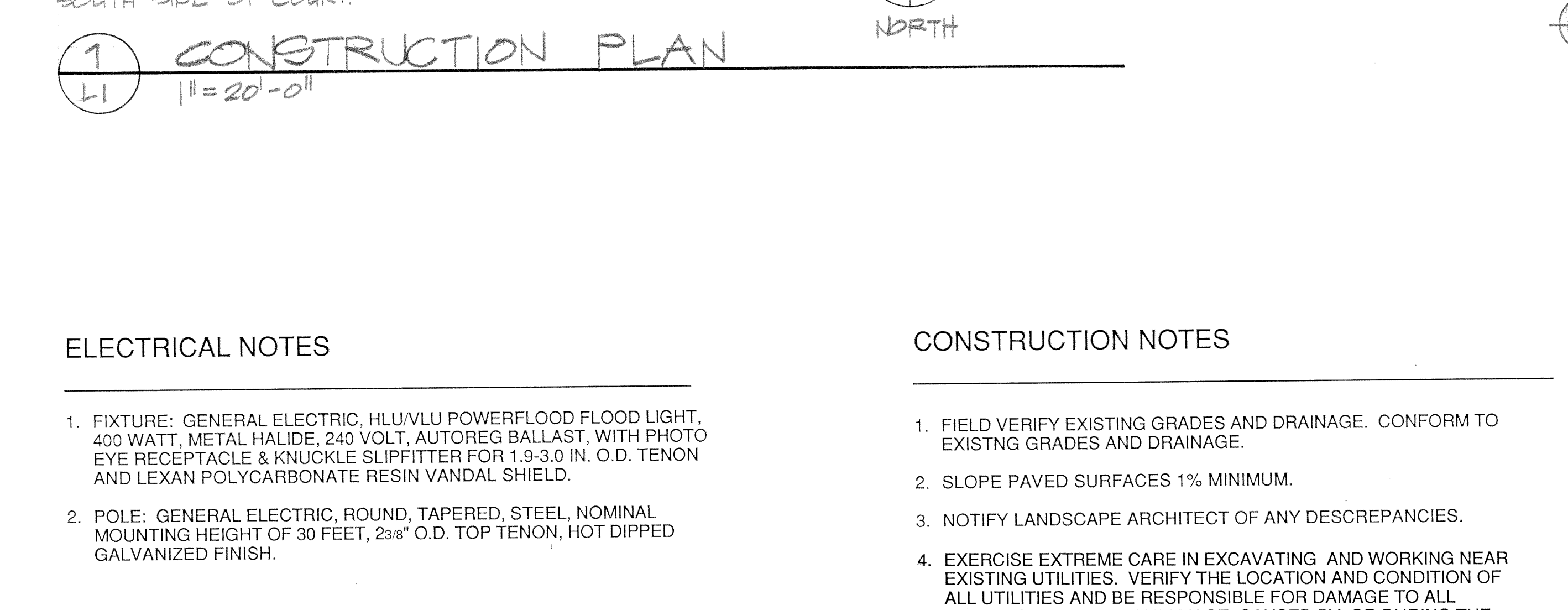
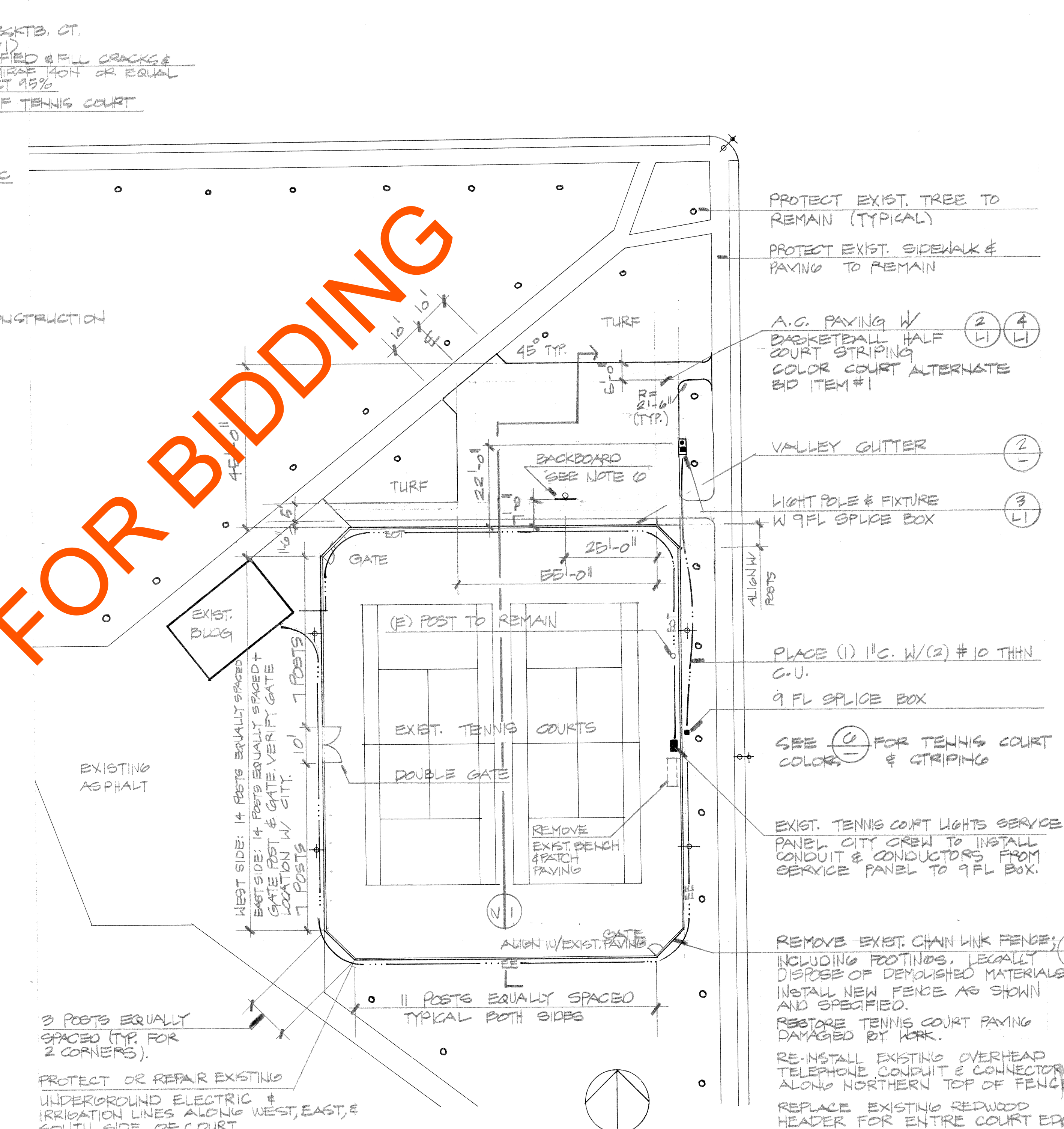
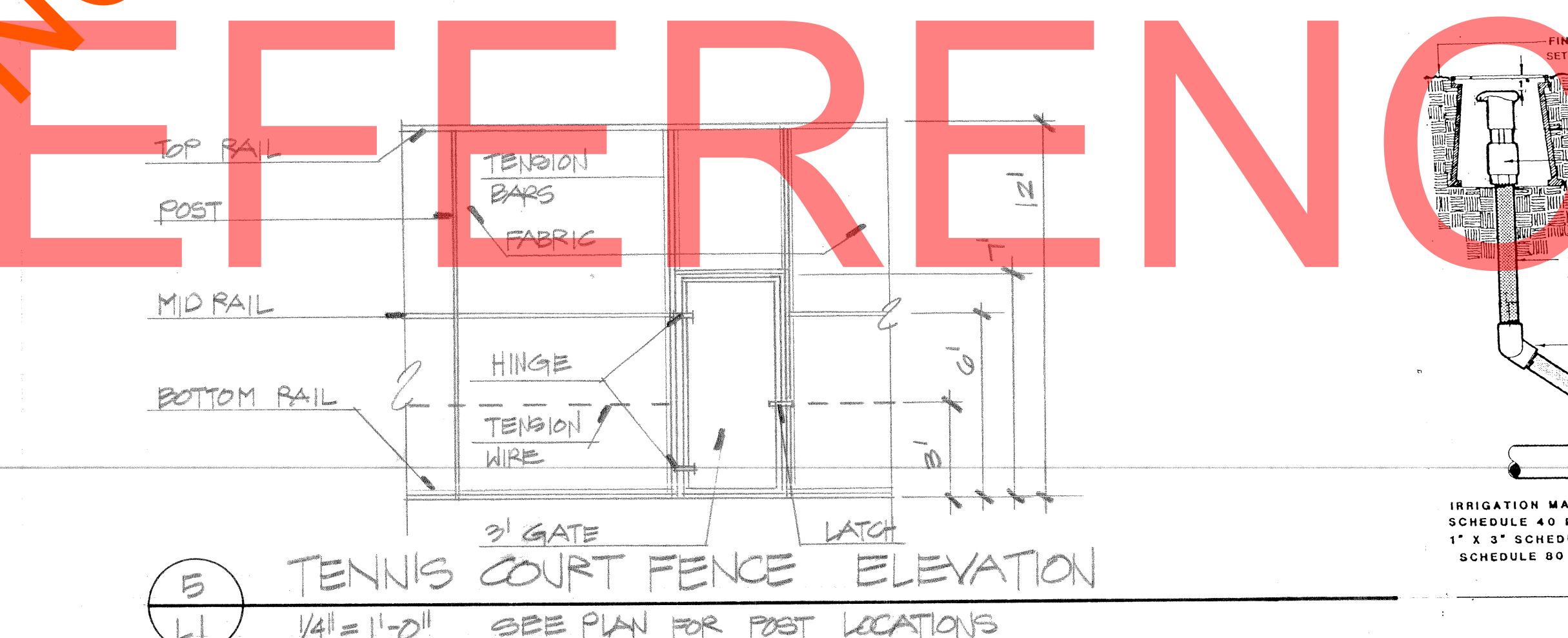
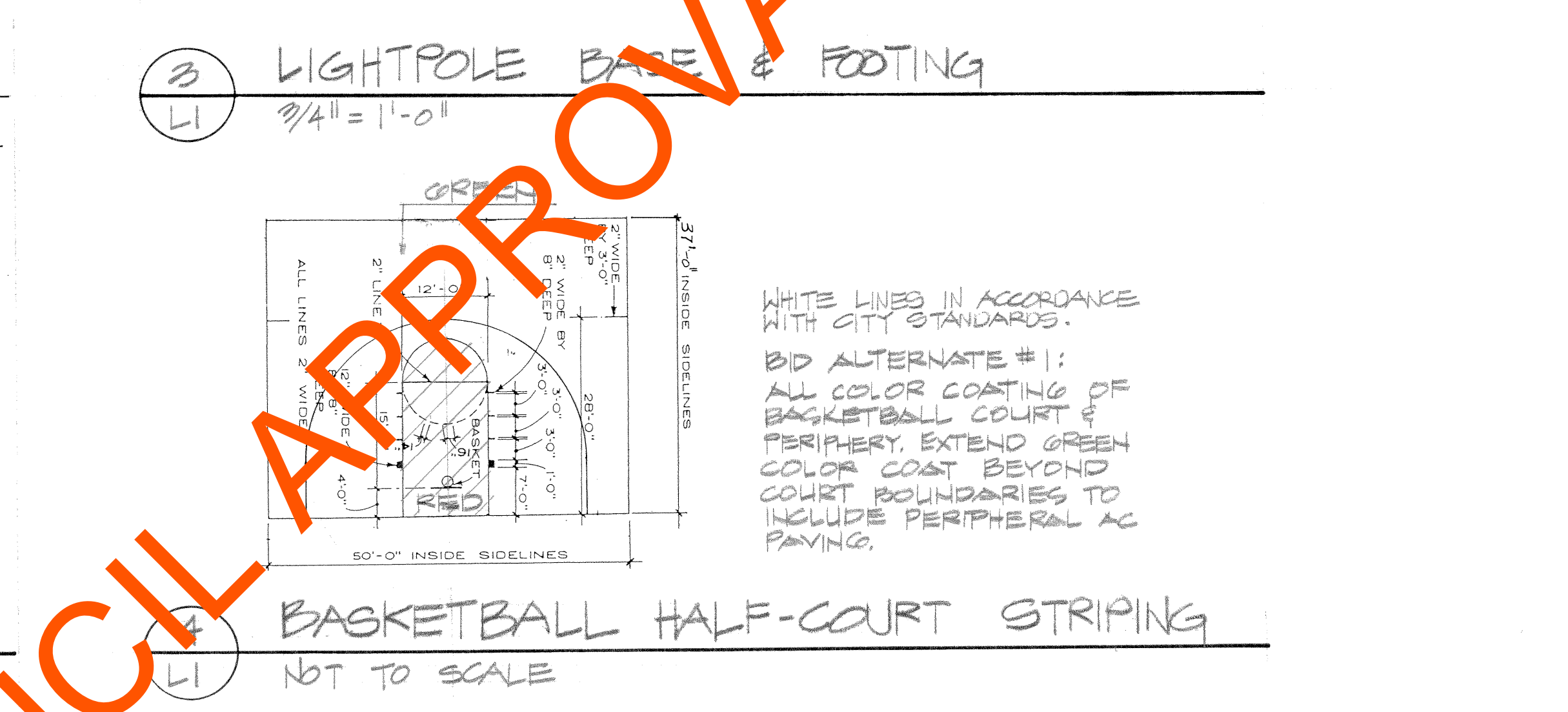
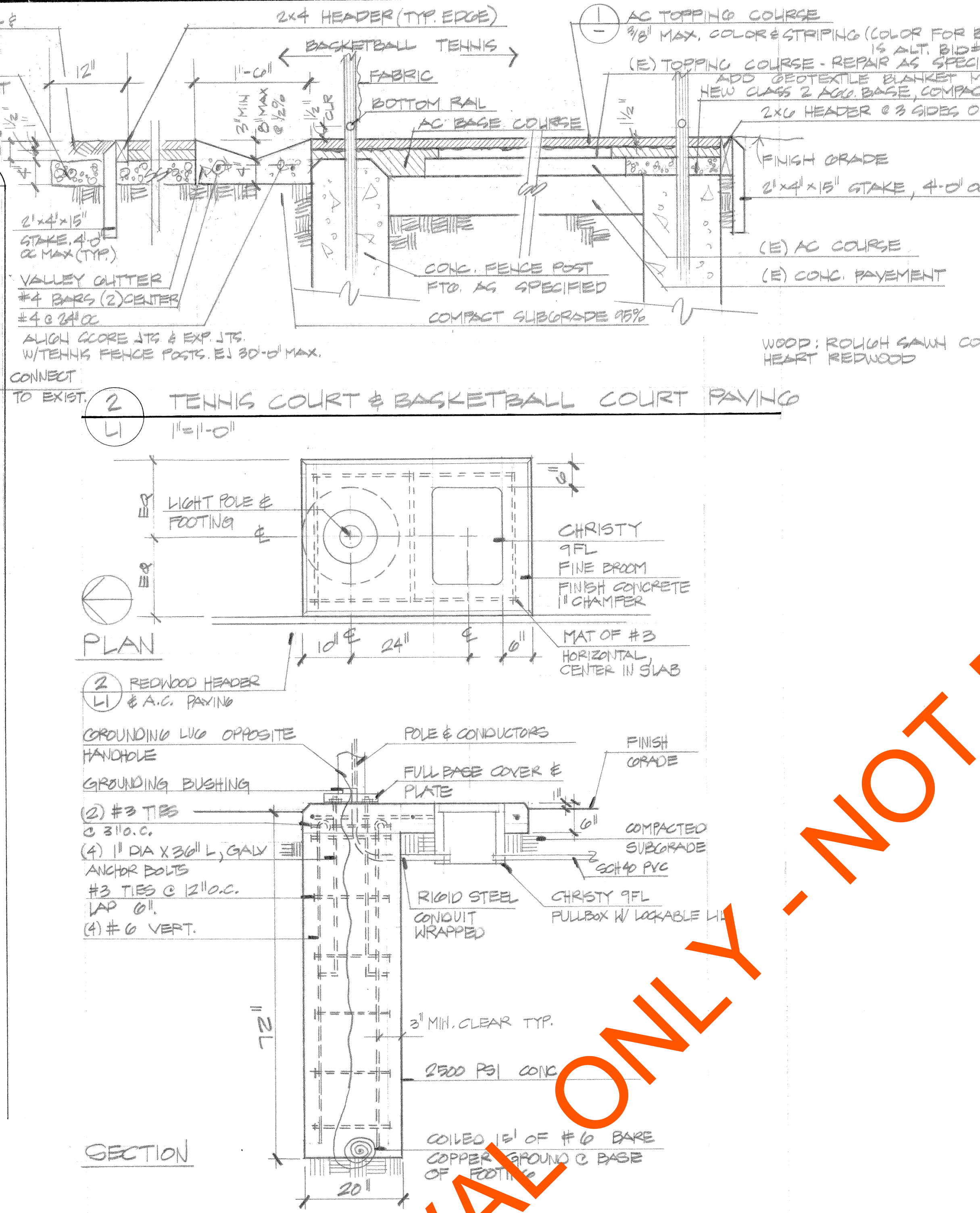
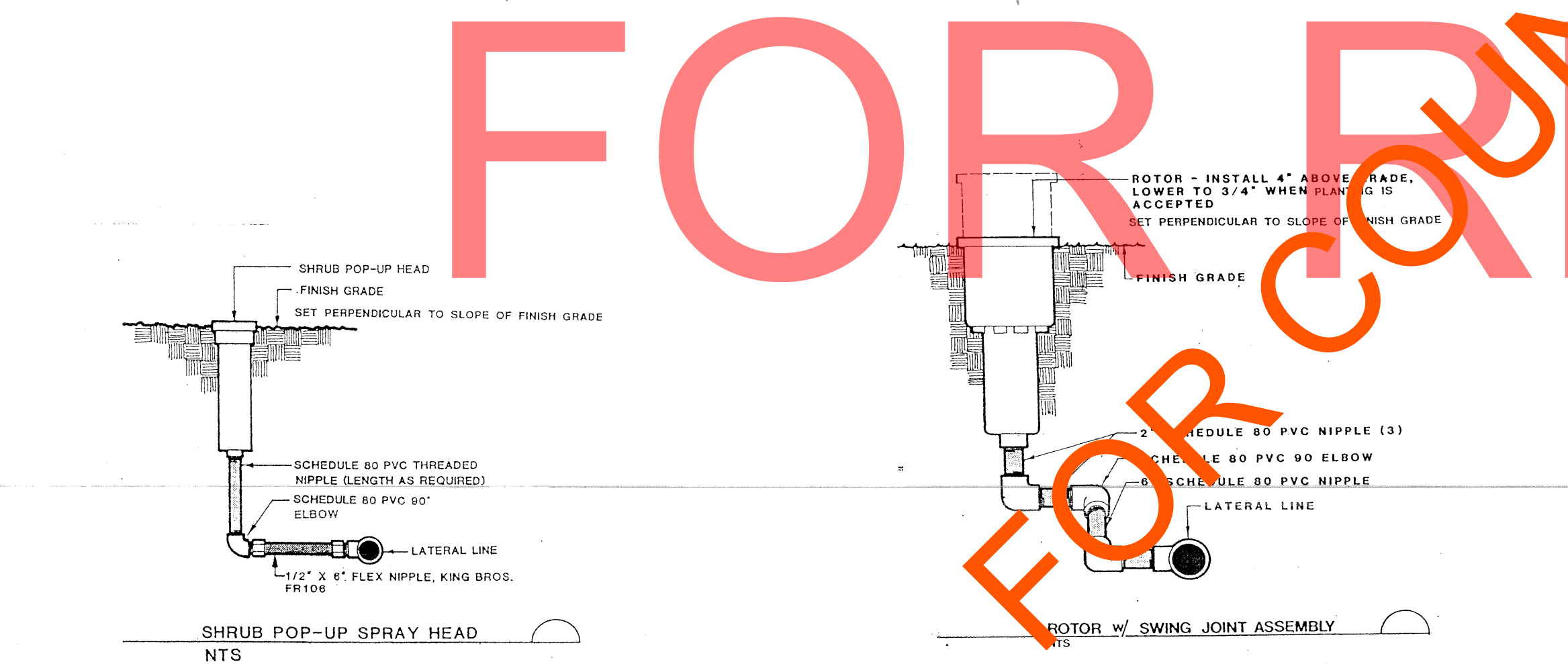
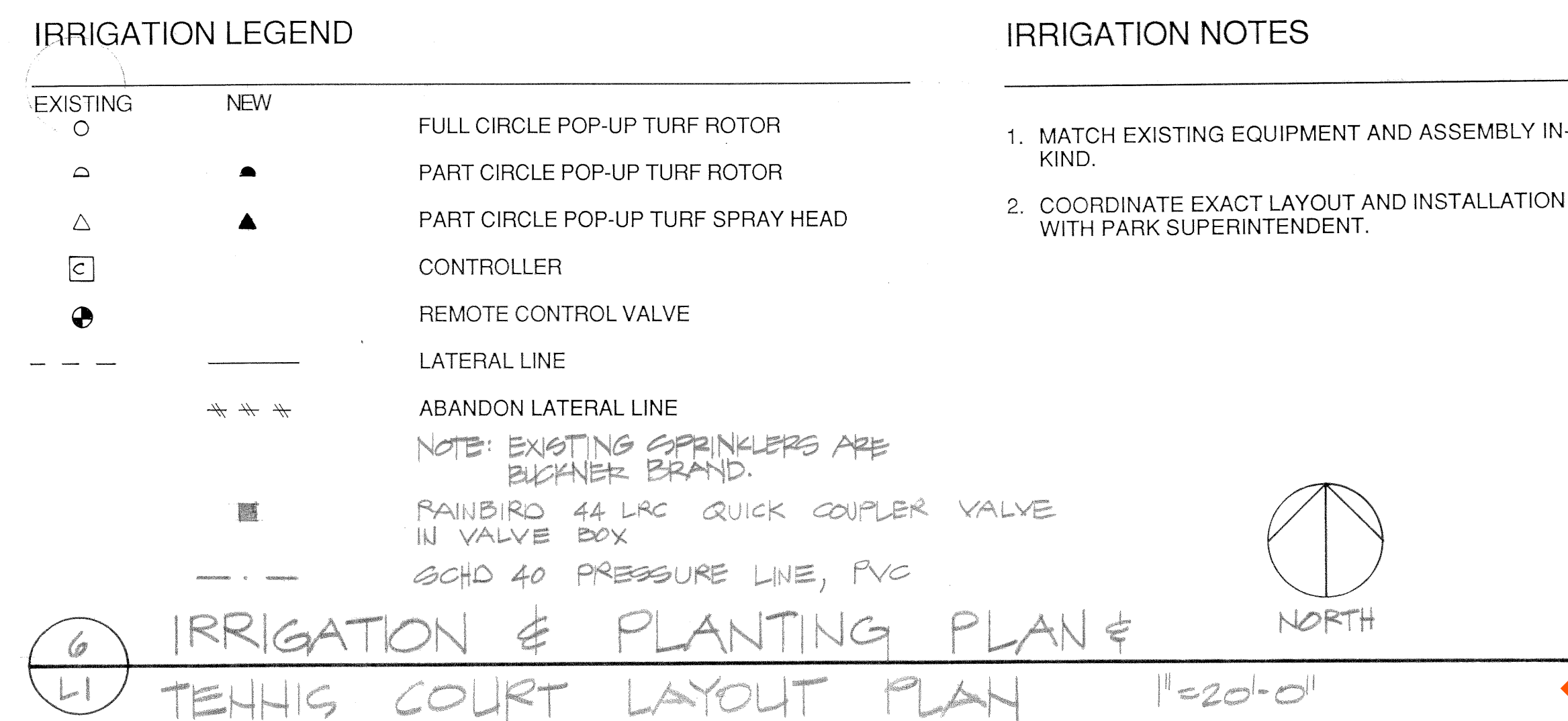
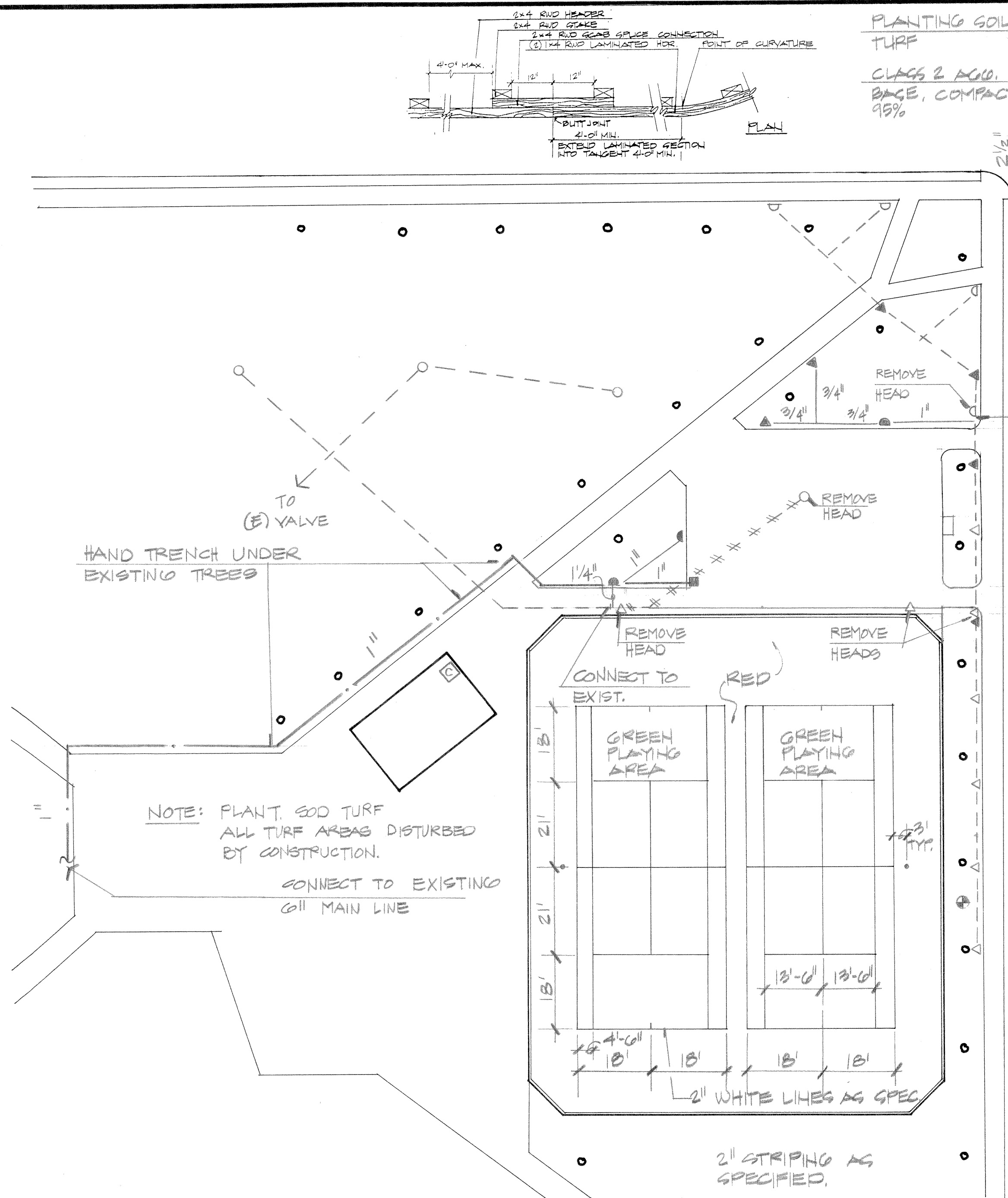
316 VERNON STREET
ROSEVILLE, CALIFORNIA 95678
(916) 781-0249
EDMUND O. MAHANY, DIRECTOR

LANDSCAPE ARCHITECTS & PLANNERS

ROYSTON HANAMOTO ALLEY & ABNEY
225 MILLER AVENUE P.O. BOX 937
MILL VALLEY, CALIFORNIA 94942
(415) 383-7900



CITY OF ROSEVILLE DEPARTMENT OF PARKS AND RECREATION	
APPROVED BY:	
<i>Ed Mahany</i>	10-30-89
PARK AND RECREATION DIRECTOR	DATE
REVIEWED BY:	
OFFICE OF THE CITY ENGINEER	DATE



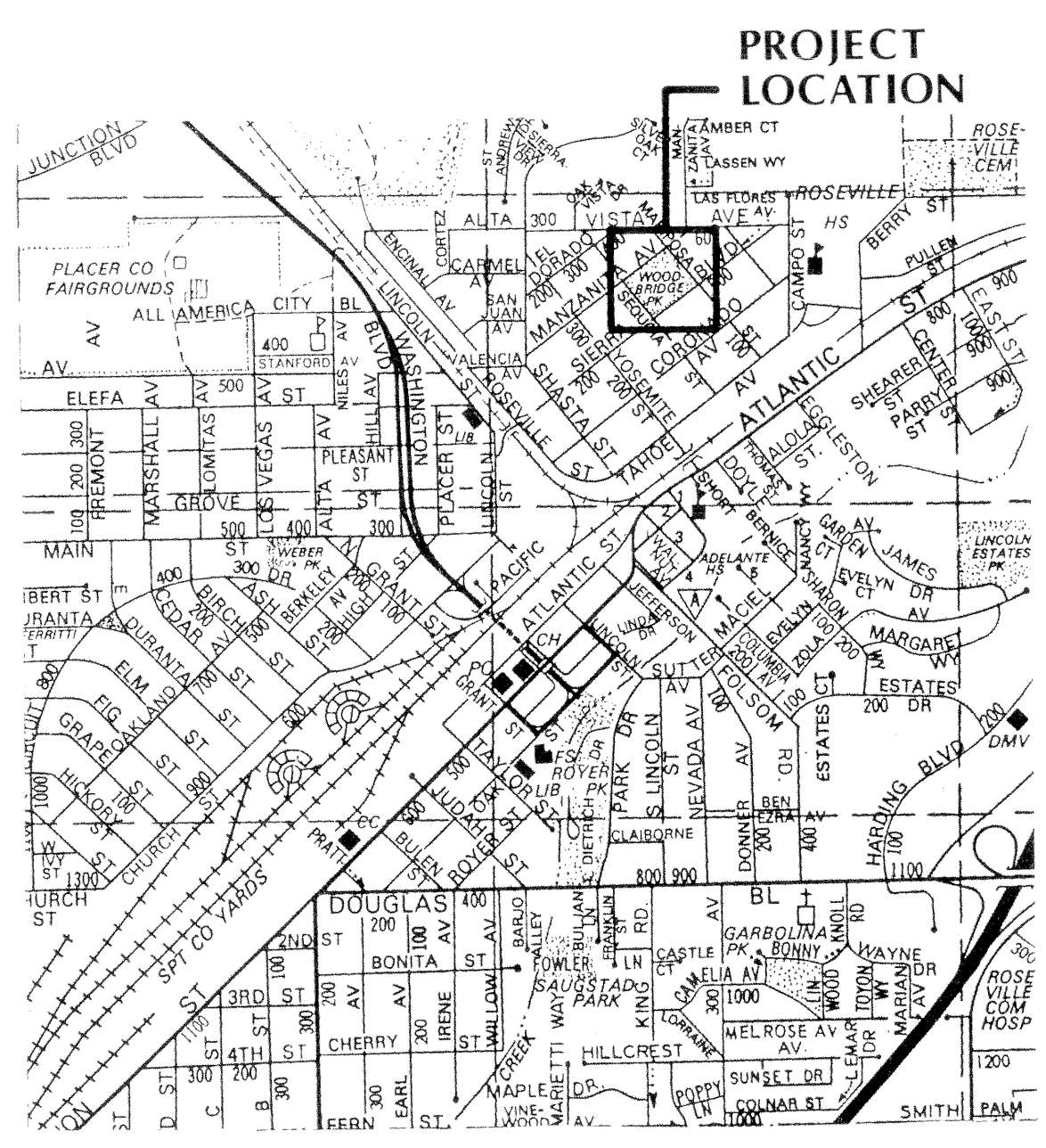
APPENDENCY C
WOODBIDGE PARK MICELLANEOUS IRRIGATION PLANS

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

1/18/2011
J. H. H. H.

Woodbridge Park

VICINITY MAP



LANDSCAPE ARCHITECTS & PLANNERS
The Hablitzel Landscape Architectural Group, Inc.
1990 Third Street Suite 500 Sacramento, California 95814
CRLA 1669 916/447-7400 FAX 916/447-8270

SHEET INDEX	
COVER SHEET	1
IRRIGATION PLAN	2
IRRIGATION DETAILS	3

REVIEWED BY: CITY OF ROSEVILLE ENGINEERING DEPARTMENT
OFFICE OF THE CITY ENGINEER _____ DATE _____

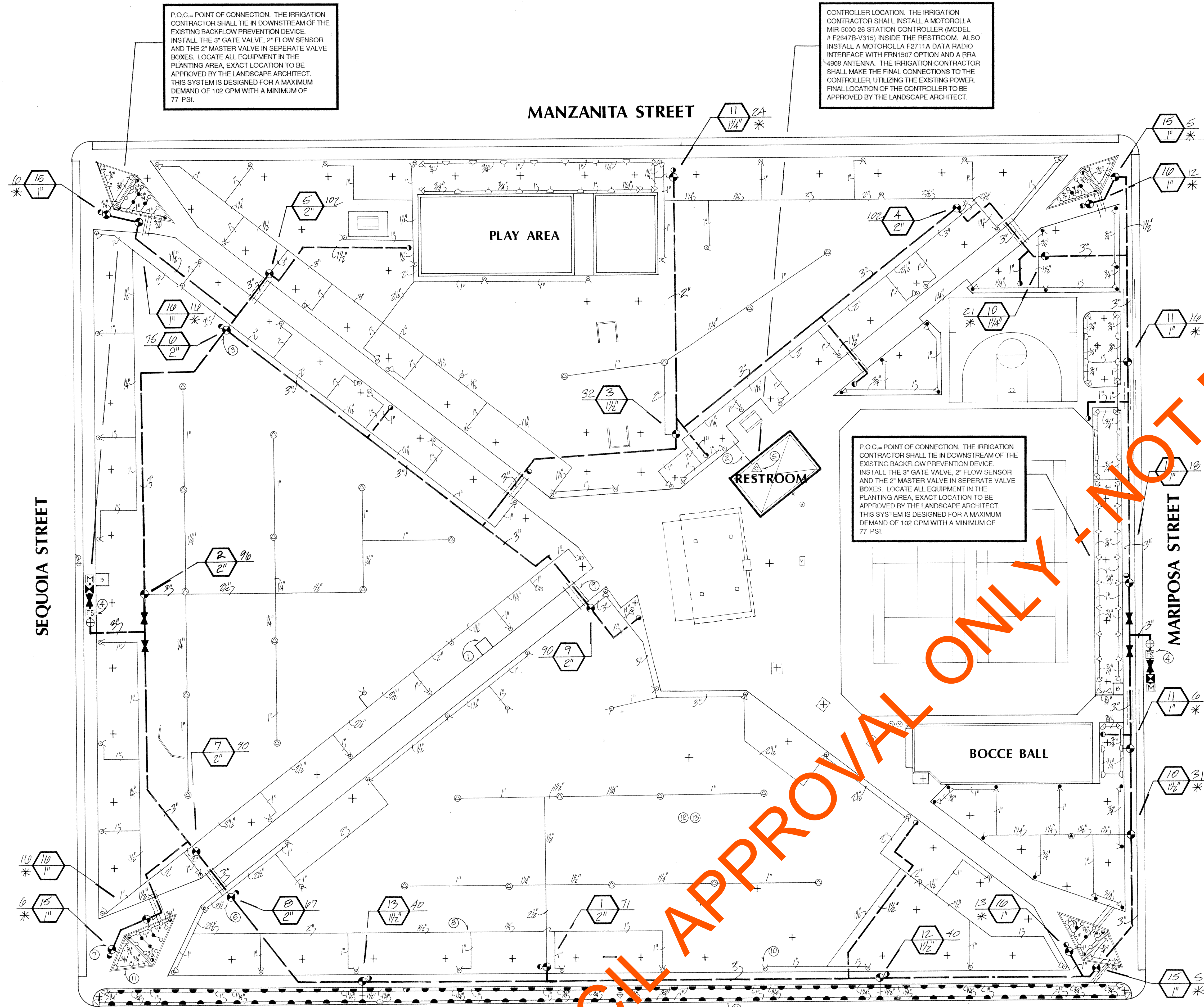
APPROVED BY: CITY OF ROSEVILLE PARKS & RECREATION DEPT.
PARKS & RECREATION DIRECTOR _____ DATE _____

CITY OF ROSEVILLE
DEPARTMENT OF
PARKS & RECREATION
401 VERNON STREET
ROSEVILLE, CALIFORNIA 95678

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THE HLA GROUP/Sacramento

ONLY - NOT FOR BIDDING

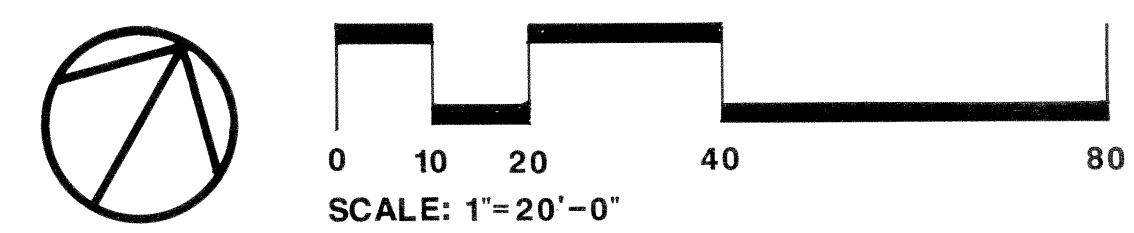


IRRIGATION LEGEND

SYMBOL	MANUFACTURER	MODEL / DESCRIPTION	GPM	PSI	RAD	DETAIL
▽	RAIN BIRD	1812-SAM-18Q-FLT SHRUB POP-UP	33	20	8	A
▽	RAIN BIRD	1812-SAM-12Q SHRUB POP-UP	53	20	10	A
▽	RAIN BIRD	1812-SAM-12H SHRUB POP-UP	1.05	20	10	A
▽	RAIN BIRD	1812-SAM-VAN SHRUB-POP-UP	1.50	20	12	A
▽	RAIN BIRD	1806-SAM-10H-LA TURF POP-UP	.65	20	8	B
▽	RAIN BIRD	1806-SAM-12Q TURF POP-UP	.53	20	10	B
▽	RAIN BIRD	1806-SAM-12H TURF POP-UP	1.05	20	10	B
▽	RAIN BIRD	1806-SAM-15Q TURF POP-UP	.75	20	12	B
▽	RAIN BIRD	1806-SAM-15H TURF POP-UP	1.50	20	12	B
▽	RAIN BIRD	1806-SAM-VAN TURF POP-UP	1.50	20	12	B
○	RAIN BIRD	1804-SAM-SQ-B POP-UP BUBBLER	.50	20	5	C
○	RAIN BIRD	1804-SAM-SH-B POP-UP BUBBLER	1.0	20	5	C
○	RAIN BIRD	1804-SAM-SF-B POP-UP BUBBLER	1.50	20	5	C
⊗	HUNTER	1-25-ADS-01 TURF ROTOR	4.3	50	41	D
⊗	HUNTER	1-25-ADS-04 TURF ROTOR	7.8	50	49	D
⊗	HUNTER	1-26-36S-04 TURF ROTOR	7.8	50	49	D
⊗	HUNTER	1-20-ADS-01 TURF ROTOR	.70	50	29	D
⊗	HUNTER	1-20-ADS-03 TURF ROTOR	1.2	50	31	D
⊗	HUNTER	1-20-36S-06 TURF ROTOR	2.7	50	40	D
⊕	GRISWOLD	2030 SERIES MASTER VALVE. SEE PLAN FOR SIZE.				I
⊕	RAIN BIRD	EFB-CP-PHS SERIES PRESSURE REGULATING REMOTE CONTROL VALVE. SEE PLAN FOR SIZE.				F
○	RAIN BIRD	#44DLRC QUICK COUPLING VALVE W/LOCKING YELLOW VINYL COVER.				H
⊗	EXISTING	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION DEVICE.				-
⊗	NIBCO	T-113 LINE SIZE GATE VALVE.				E
⊗	MOTOROLLA	MIR-5000 SERIES WALL MOUNT CONTROLLER. SEE PLAN FOR SIZE.				K
⊗	DATA INDUSTRIAL	220-P FLOW SENSOR WITH A 600 SERIES PULSE OUTLET TRANSMITTER.				-
---	APPROVED	LATERAL LINE, CL. 200 PVC PIPE, SIZE AS NOTED.				L
---	APPROVED	MAINLINE 1 1/2" & SMALLER SCH. 40 PVC PIPE, 2" & LARGER CL. 315 PVC PIPE.				M
---	APPROVED	CONDUIT, SCH. 40 PVC PIPE, 2" MIN. DIA.				N
---	EXISTING	2" WATER METER.				O
---	APPROVED	SLEEVE, SCH. 40 PVC PIPE 4" DIA. MIN. INSTALL 24" BELOW FINISHED GRADE, EXTEND 12" PAST EDGE OF PAVING.				P
---	GPM	STATION NUMBER				
---	VALVES PER STATION	VALVE SIZE				
⊗	INDICATES CONSTRUCTION NOTE	NUMBER ON THE DRAWING.				

- IRRIGATION NOTES**
- THE SYSTEM IS DESIGNED FOR THE MINIMUM OPERATING PRESSURE AND MAXIMUM DEMAND OF GALLONS PER MINUTE AS SHOWN AT EACH POINT OF CONNECTION. THE IRRIGATION CONTRACTOR SHALL VERIFY THE AVAILABLE WATER PRESSURE ON THE SITE PRIOR TO CONSTRUCTION. REPORT TO THE LANDSCAPE ARCHITECT ANY DIFFERENCE BETWEEN THE WATER PRESSURE SHOWN ON THE DRAWINGS AND THE ACTUAL PRESSURE READING AT THE POINT OF CONNECTION. IN THE EVENT PRESSURE DIFFERENCES ARE NOT REPORTED PRIOR TO THE START OF CONSTRUCTION, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
 - IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO FAMILIARIZE HIMSELF WITH ALL GRADE DIFFERENCES, LOCATION OF WALLS, RETAINING WALLS, STRUCTURES, AND UTILITIES. THE IRRIGATION CONTRACTOR SHALL REPAIR OR REPLACE ALL ITEMS DAMAGED BY HIS WORK. HE SHALL COORDINATE HIS WORK WITH OTHER CONTRACTORS FOR THE LOCATION AND INSTALLATION OF PIPE SLEEVES AND LATERALS THROUGH WALLS, UNDER ROADWAYS AND PAVING, ETC. PRIOR TO CONSTRUCTION, CONTACT ALL APPLICABLE AGENCIES AND U.S.A. AT 1-800-642-2444 TO FIELD LOCATE ALL EXISTING UTILITIES.
 - DO NOT WALLFULLY INSTALL THE SPRINKLER SYSTEM AS SHOWN ON THE DRAWINGS WHEN IT IS OBVIOUS IN THE FIELD THAT UNKNOWN OBSTRUCTIONS, GRADE DIFFERENCES OR DIFFERENCES IN THE AREA DIMENSIONS EXIST THAT MIGHT NOT HAVE BEEN CONSIDERED BY THE ENGINEERING. SUCH OBSTRUCTIONS OR DIFFERENCES SHOULD BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT. IN THE EVENT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY REVISIONS NECESSARY.
 - THIS DESIGN IS DIAGRAMMATIC. ALL IRRIGATION EQUIPMENT, PIPING, VALVES, ETC., SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS WHEREVER POSSIBLE.
 - THE IRRIGATION CONTRACTOR SHALL FLUSH AND ADJUST ALL SPRINKLER HEADS AND VALVES FOR OPTIMUM COVERAGE. INSTALL ALL SPRINKLER HEADS WITH NOZZLES OF THE APPROPRIATE SIZE AND ADJUST THE SPRINKLER HEADS TO BE COVERED. ADJUST ALL NOZZLES TO ELIMINATE SPRAYING ONTO WALKS, STREETS, BUILDINGS, ETC. ADJUST ALL WATER FLOW CONTROL AND PRESSURE REGULATING MODULES FOR OPTIMUM PERFORMANCE. IN THE EVENT THAT NO CONTACT IS MADE WITH THE LANDSCAPE ARCHITECT, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY REVISIONS.
 - ALL IRRIGATION EQUIPMENT NOT OTHERWISE DETAILED OR SPECIFIED SHALL BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
 - ALL MAIN LINE PIPING AND CONTROL WIRES UNDER EXISTING PAVING SHALL BE INSTALLED IN SEPARATE SLEEVES. SEE CONSTRUCTION NOTE # 9.
 - ALL CROSSINGS UNDER EXISTING PAVING SHALL BE SCHEDULE 40 PVC PIPE. SEE CONSTRUCTION NOTE # 9.
 - ADV (ANTI-DRAIN VALVES) UNITS SHALL BE INSTALLED AS REQUIRED TO PREVENT LOW HEAD DRAINAGE FROM THE SPRINKLER.

- CONSTRUCTION NOTES**
- REMOVE EXISTING WATER METER AND CAP THE EXISTING TAP. TURN THE WATER METER OVER TO THE ROSEVILLE PARKS AND RECREATION DEPARTMENT. ALSO REMOVE AND DISCARD THE EXISTING CONCRETE VAULT FROM THE SITE.
 - THE IRRIGATION CONTRACTOR SHALL NEATLY PENETRATE THE EXISTING BUILDING WITH A 3" SCH. 40 GREY PVC CONDUIT TO THE CONTROLLER LOCATION. REPAIR ALL DAMAGE TO THE EXISTING BUILDING. SEE SPECIFICATIONS FOR MORE INFORMATION.
 - ALL REMOTE CONTROL VALVES SHALL HAVE AN ISOLATION VALVE (NIBCO T-585-70 BALL VALVE, LINE SIZE) LOCATED UPSTREAM OF THE R.C.V. IN THE SAME VALVE BOX.
 - RUN TWO 14 GAUGE WIRES FROM THE FLOW SENSOR BACK TO THE CONTROLLER.
 - INSTALL THE DATA INDUSTRIAL PULSE OUTLET TRANSMITTER AT THE CONTROLLER, PER THE MANUFACTURER'S RECOMMENDATIONS AND SPECIFICATIONS.
 - SET THE PRESSURE REGULATING MODULE FOR THE R.C.V. AT 54 PSI FOR ALL ROTOR SYSTEMS.
 - SET THE PRESSURE REGULATING MODULE FOR THE R.C.V. AT 24 PSI FOR ALL BUBBLER AND SPRAY SYSTEMS.
 - ALL TRENCHING OPERATIONS SHALL BE KEPT A MINIMUM OF 10' FROM ALL TREES.
 - SAW CUT EXISTING ASPHALT SURFACES TO ACCOMMODATE IRRIGATION SLEEVED CROSSINGS. GROUP SLEEVES TO MINIMIZE CROSSINGS. REPAIR DAMAGE TO EXISTING ASPHALT AS PER SPECIFICATIONS.
 - ALL ROTOR SPRINKLERS SHALL BE KEPT A MINIMUM OF 10' FROM ALL TREES.
 - THE CITY OF ROSEVILLE PARKS DEPARTMENT SHALL REMOVE ALL EXISTING SPRINKLERS AND VALVES. COORDINATE WITH THE PARKS DEPARTMENT SEVEN DAYS PRIOR TO COMMENCING THE WORK OF THIS CONTRACT.
 - DAMAGE TO ANY EXISTING LANDSCAPING, IRRIGATION OR UTILITIES, NOT SCHEDULED FOR DEMOLITION, CAUSED BY THE CONTRACTOR'S OPERATIONS, SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
 - CONTRACTOR SHALL BACKFILL, GRADE AND RAKE TURF AREAS DISTURBED BY TRENCHING FOR THE NEW IRRIGATION SYSTEM. REFER TO SPECIFICATIONS FOR MORE INFORMATION.



END OF SECTION

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

DRAWINGS

Project: Project: Woodbridge Park Tennis & Pickleball Court Renovation

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING

DRAW

GENERAL NOTES:

1.

LANDSCAPE IMPROVEMENTS TO BE CONSTRUCTED IN COMPLIANCE WITH THE CITY OF ROSEVILLE, CA STANDARD SPECIFICATIONS LATEST EDITION. IMPROVEMENTS ARE ALSO TO BE IN COMPLIANCE WITH CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD SPECIFICATIONS LATEST EDITION, WHERE APPLICABLE. ALL WORK SHALL BE SUBJECT TO INSPECTION BY CITY OF ROSEVILLE, CA.
2.

DESIGN: THE DRAWINGS HEREIN REPRESENT A GENERAL DESIGN TO BE IMPLEMENTED ON THE SITE DEPICTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE CITY TO CLARIFY PLAN DETAILS RELATED TO SITE OR CONSTRUCTION DETAILS RELATED TO THE SITE OR CONSTRUCTION DETAILS NECESSARY FOR PROJECT COMPLETION.
3.

COORDINATION: CONTRACTORS SHALL COORDINATE INSTALLATION AND SCHEDULING WITH THAT OF CITY'S REPRESENTATIVE AND OTHER CONTRACTORS EFFICIENTLY AND IN A TIMELY MANNER, ENSURING THE PROJECT COMPLETION IS UNIMPEDED AND INSTALLED CORRECTLY. THE CITY REPRESENTATIVE TO BE CONTACTED DIRECTLY AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO BEGINNING WORK.
4.

BIDDING INFORMATION: SEE PROJECT SPECIFICATIONS, SPECIAL PROVISIONS, GENERAL REQUIREMENTS, AND TECHNICAL SPECIFICATIONS FOR CONTRACTOR RESPONSIBILITIES RELATED TO BIDDING INFORMATION AND SITE VISITS PRIOR TO BID SUBMITTAL.
5.

SITE CONDITIONS: SEE PROJECT SPECIFICATIONS FOR CONTRACTOR RESPONSIBILITIES RELATED TO SITE CONDITIONS. CONTRACTOR TO EXAMINE EXISTING CONDITIONS OF SITE. IN THE EVENT THAT ON-SITE CONDITIONS DIFFER FROM CONDITIONS DEPICTED ON PLANS AND WILL IMPACT THE INSTALLATION PROCESS, THE CONTRACTOR WILL SUBMIT THESE FINDINGS TO THE CITY IN WRITING PRIOR TO BEGINNING WORK. COMMENCEMENT OF WORK IMPLIES ACCEPTANCE OF THE EXISTING SITE CONDITIONS.SHOWN HEREIN ARE SUPERIMPOSED OVER DATA PROVIDED TO THE LANDSCAPE ARCHITECT BY OTHER SOURCES. THE CITY OF MODESTO SHALL NOT BE LIABLE FOR THE CHANGES, INACCURACIES, OMISSIONS, OR OTHER ERRORS RELATED TO THIS DATA. THE BASE INFORMATION IS PROVIDED AS AN AID ONLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING ALL DOCUMENTS AND ACCOMMODATING ANY DISCREPANCIES.
6.

BASE INFORMATION PROVIDED BY:

CITY OF ROSEVILLE
316 VERNON STREET
ROSEVILLE, CA 95678
PHONE: (916) 772-7529
7.

UTILITIES SHOWN HAVE BEEN PLOTTED FROM RECORD INFORMATION. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL COORDINATE WITH UNDERGROUND SERVICE ALERT (U.S.A.) TO DETERMINE, IN THE FIELD, THE LOCATION OF ALL UNDERGROUND UTILITIES DURING CONSTRUCTION, CONTRACTOR SHALL PROTECT AND USE EXTREME CAUTION WHEN EXPOSING AND/OR WORKING NEAR EXISTING UTILITIES.
8.

UTILITY COMPANIES ARE MEMBERS OF THE UNDERGROUND SERVICE ALERT (U.S.A.) ON-CALL PROGRAM. THE CONTRACTOR AND ANY SUBCONTRACTORS SHALL CONTACT U.S.A. AT LEAST TWO WORKING DAYS (48 HOURS) PRIOR TO BEGINNING WORK. ONLY EXCAVATIONS WILL REVEAL ACTUAL TYPES, LOCATIONS, SIZES AND DEPTHS OF UNDERGROUND UTILITIES. THE CITY OF MODESTO ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF9. UNDERGROUND UTILITIES OR OF BURIED EXISTING OBJECTS AND UTILITIES NOT SHOWN ON THESE PLANS.
9.

THE CONTRACTOR SHALL KEEP A CURRENT SET OF DRAWINGS ON SITE AT ALL TIMES WITH DEVIATIONS FROM ORIGINAL PLANS AND SPECIFICATIONS NOTED. UPON PROJECT COMPLETION THE CONTRACTOR WILL PROVIDE THE CITY WITH A DIGITAL FORMAT AND HARD COPY COMPLETE SET OF RECORD DRAWINGS.
10.

CONTRACTOR SHALL LOCATE AND PRESERVE ALL SURFACE AND SUB-SURFACE FACILITIES WHICH MAY BE IN THE WORKING AREA.

LAYOUT NOTES:

1.

MANUFACTURER NAMED ITEMS ARE FOR STANDARD OF REFERENCE AND DO NOT NECESSARILY LIMIT SUPPLY TO NAMED MANUFACTURERS.
2.

CONTRACTOR SHALL EXAMINE RELATED WORK AND SURFACES BEFORE STARTING WORK OF THIS SECTION AND SHOULD REPORT TO THE CITY IN WRITING ANY CONDITIONS WHICH WILL PREVENT THE PROPER PROVISION OF THIS WORK. BEGINNING THE WORK OF THIS SECTION WITHOUT REPORTING UNSUITABLE CONDITIONS CONSTITUTES ACCEPTANCE OF CONDITIONS. ANY REQUIRED REMOVAL, REPAIR OR REPLACEMENT OF THIS WORK CAUSED BY UNSUITABLE CONDITIONS SHALL BE DONE AT NO ADDITIONAL COST TO THE CITY.
3.

ALL EARTHWORK, GRADING AND SOIL DELIVERY/REMOVAL IS TO BE PROVIDED BY THE CONTRACTOR, IF APPLICABLE.
4.

ALL CONCRETE FINISHES SHALL BE VERIFIED WITH CITY REPRESENTATIVE PRIOR TO INSTALLATION PER PROJECT SPECIFICATIONS.

SOIL QUANTITY:

1.

THIS PROJECT HAS BEEN DESIGNED TO BALANCE CUT AND FILL.

CITY OF ROSEVILLE GENERAL NOTES:

THIS PROJECT SHALL CONFORM TO THE APPROVED PLANS AND THE PARKS CONSTRUCTION STANDARDS, LATEST EDITION.

CONTRACTOR TO PROVIDE ALL MATERIALS NEEDED TO INSTALL SCOPE OF WORK

SCOPE OF WORK:

SCOPE OF WORK TO INCLUDE, BUT NOT LIMITED TO, THE FOLLOWING: REMOVE AND REPLACE EXISTING AC COURT PAVEMENT AND TENNIS & PICKLEBALL EQUIPMENT, REMOVE AND REPLACE ENTRANCE GATES AT SELECT LOCATIONS, PROVIDE AND INSTALL SHADE STRUCTURE, PROVIDE AND INSTALL NEW BENCHES AT SELECT LOCATIONS, INSTALL UNDER WALK DRAIN AT SELECT LOCATIONS

- REFER TO SCOPE OF WORK PLANS FOR FURTHER BREAK DOWN OF SCOPE OF WORK

CITY OF
ROSEVILLE

WOODBIDGE TENNIS &
PICKLEBALL COURT
RENOVATION PROJECT

415 SIERRA BLVD.
ROSEVILLE, CALIFORNIA, 95678

NOTICE TO PLAN CHECKER:

PROJECT NAME: WOODBRIDGE TENNIS / PICKLEBALL COURT IMPROVEMENTS PROJECT

PROJECT AREA: 13,600 SQUARE FEET

SHEET INDEX:

- 1

COVER SHEET
- 2

SCOPE OF WORK PLAN
- 3

EXISTING CONDITIONS PLAN
- 4

DEMO PLAN
- 5

LAYOUT PLAN
- 6

UNDER WALK DRAIN DETAILS
- 7

ADDITIONAL DETAILS

ABBREVIATIONS:

AC	ASPHALT	GV	GAS VALVE
B	BACK OF CURB	HV VLT	HIGH VOLTAGE VAULT
BOL	BOLLARD	LIP	LIP OF GUTTER
BOW	BACK OF WALK	MS	CONCRETE MOW STRIP
CATV	CABLE TV BOX	NG	NATURAL GROUND
CB	CATCH BASIN	PAV	PAVEMENT
CLF	CHAIN LINK FENCE	PB	PACIFIC BELL
COL	COLUMN	SLB	STREET LIGHT BOX
C	CONCRETE	SSCO	SANITARY SEWER CLEAN OUT
DI	DRAINAGE INLET	SSMH	SANITARY SEWER MAN HOLE
EB	ELECTRICAL JUNCTION BOX	SW	SIDEWALK
EP	EDGE OF ASPHALT PAVEMENT	TC	TOP OF CURB
FDC	FIRE DEPARTMENT CONNECTION	TCDO	TOP OF CURB DRIVE OVER
FL	FLOWLINE	T 22"	TREE W/ 22" DIAMETER TRUNK
FNC	FENCE-HEIGHT & TYPE NOTED	WF	WOOD FENCE-HEIGHT NOTED
FOW	FACE OF WALK	WM	WATER METER
GRD RAIL	GUARD RAIL	WV	WATER VALVE
GM	GAS METER	WVLT	WATER VAULT
		NIC	NOT IN CONTRACT

BUILDING CODE COMPLIANCE:

ALL WORK SHALL CONFORM TO THE FOLLOWING MODEL CODES AND ALL APPLY TO THE MOST UP TO DATE CITY OF ROSEVILLE DESIGN STANDARDS:

2022 CALIFORNIA BUILDING CODE (CBC), WITH CITY OF ROSEVILLE AMENDMENTS
2022 CALIFORNIA GREEN BUILDING STANDARDS CODE
2022 CALIFORNIA MECHANICAL CODE (CMC),
2022 CALIFORNIA PLUMBING CODE (CPC),
2022 CALIFORNIA ELECTRICAL CODE (CEC), WITH CITY OF ROSEVILLE AMENDMENTS
2022 CALIFORNIA ENERGY STANDARDS (CES),
2022 CALIFORNIA FIRE CODE, WITH CITY OF ROSEVILLE AMENDMENTS (RFC).

VICINITY MAP:

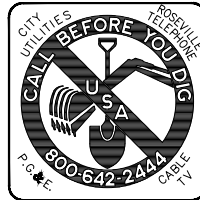


LOCATION MAP:



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DATE: JANUARY 2025

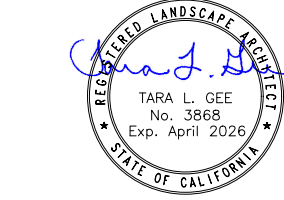
CONSULTANT:



CITY OF
ROSEVILLE
CALIFORNIA

DESIGN:
DRAWING:
VERIFICATION:
PRESENTATION:

APPROVED :



R E V I S I O N E S	
N°	DATE

WOODBIDGE TENNIS / PICKLEBALL COURT
IMPROVEMENTS

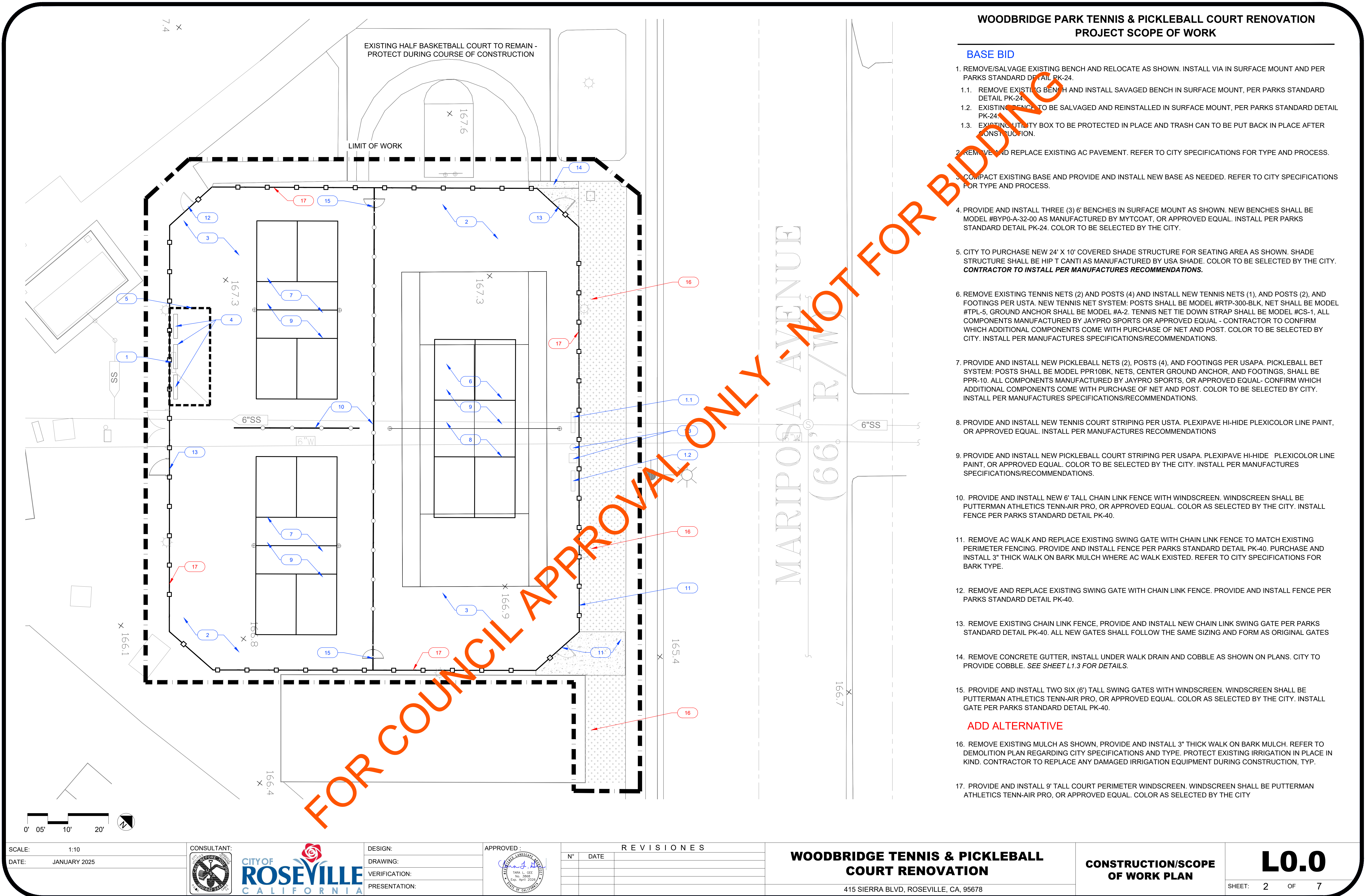
415 SIERRA BLVD, ROSEVILLE, CA, 95678

COVER PAGE

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SHEET: 1 OF 7

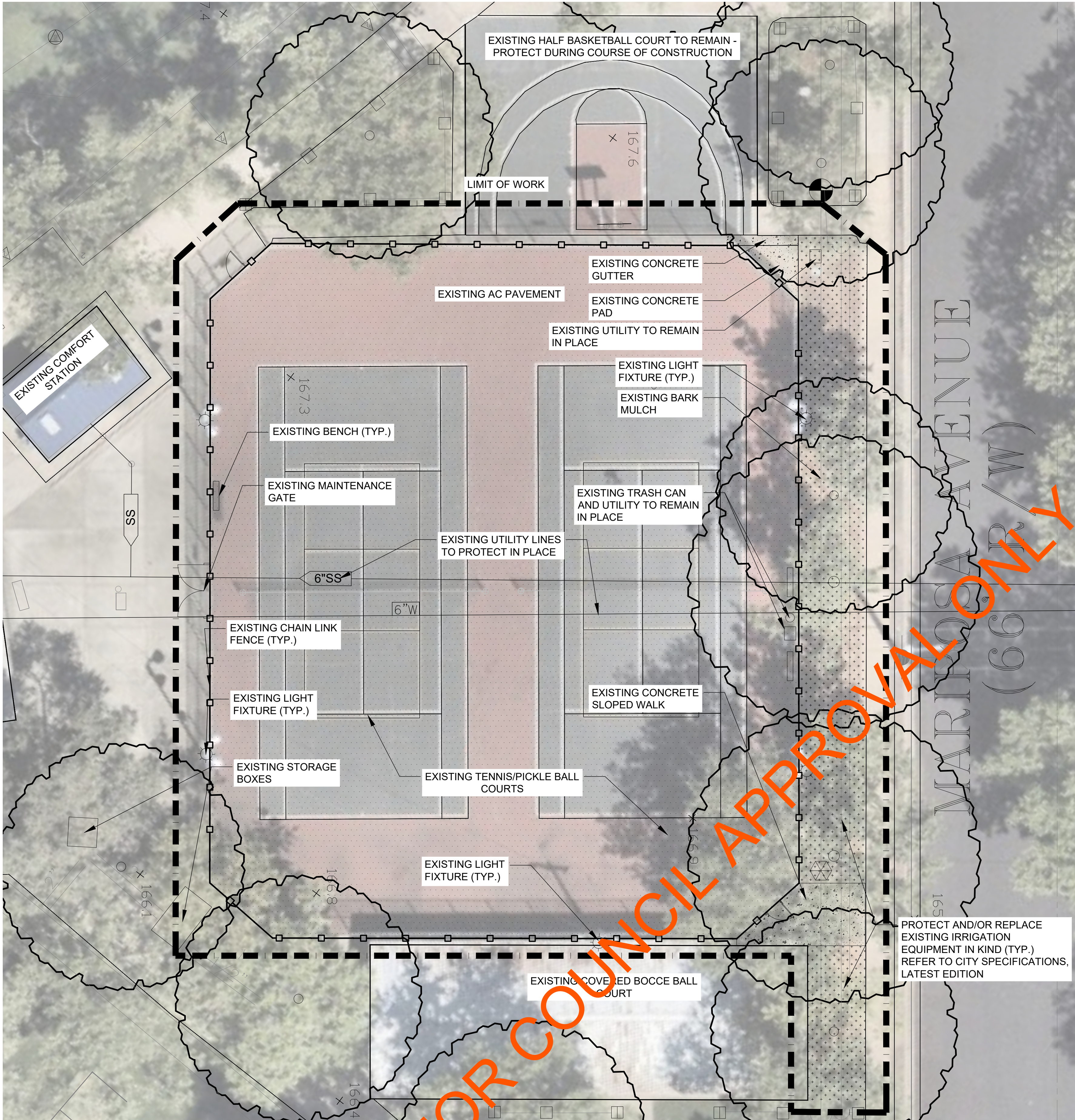
JOSHUA RAUL CERVANTES



WOODBIDGE PARK TENNIS & PICKLEBALL COURT RENOVATION
PROJECT SCOPE OF WORK

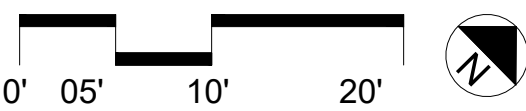
BASE BID

1. REMOVE/SALVAGE EXISTING BENCH AND RELOCATE AS SHOWN. INSTALL VIA IN SURFACE MOUNT AND PER PARKS STANDARD DETAIL PK-24.
 - 1.1. REMOVE EXISTING BENCH AND INSTALL SAVAGED BENCH IN SURFACE MOUNT, PER PARKS STANDARD DETAIL PK-24.
 - 1.2. EXISTING BENCH TO BE SALVAGED AND REINSTALLED IN SURFACE MOUNT, PER PARKS STANDARD DETAIL PK-24.
 - 1.3. EXISTING UTILITY BOX TO BE PROTECTED IN PLACE AND TRASH CAN TO BE PUT BACK IN PLACE AFTER CONSTRUCTION.
2. REMOVE AND REPLACE EXISTING AC PAVEMENT. REFER TO CITY SPECIFICATIONS FOR TYPE AND PROCESS.
 3. COMPACT EXISTING BASE AND PROVIDE AND INSTALL NEW BASE AS NEEDED. REFER TO CITY SPECIFICATIONS FOR TYPE AND PROCESS.
 4. PROVIDE AND INSTALL THREE (3) 6' BENCHES IN SURFACE MOUNT AS SHOWN. NEW BENCHES SHALL BE MODEL #BYPO-A-32-00 AS MANUFACTURED BY MYTCOAT, OR APPROVED EQUAL. INSTALL PER PARKS STANDARD DETAIL PK-24. COLOR TO BE SELECTED BY THE CITY.
 5. CITY TO PURCHASE NEW 24' X 10' COVERED SHADE STRUCTURE FOR SEATING AREA AS SHOWN. SHADE STRUCTURE SHALL BE HIP T CANTI AS MANUFACTURED BY USA SHADE. COLOR TO BE SELECTED BY THE CITY. **CONTRACTOR TO INSTALL PER MANUFACTURES RECOMMENDATIONS.**
 6. REMOVE EXISTING TENNIS NETS (2) AND POSTS (4) AND INSTALL NEW TENNIS NETS (1), AND POSTS (2), AND FOOTINGS PER USTA. NEW TENNIS NET SYSTEM: POSTS SHALL BE MODEL #RTP-300-BLK, NET SHALL BE MODEL #TPL-5, GROUND ANCHOR SHALL BE MODEL #A-2. TENNIS NET TIE DOWN STRAP SHALL BE MODEL #CS-1. ALL COMPONENTS MANUFACTURED BY JAYPRO SPORTS OR APPROVED EQUAL - CONTRACTOR TO CONFIRM WHICH ADDITIONAL COMPONENTS COME WITH PURCHASE OF NET AND POST. COLOR TO BE SELECTED BY CITY. INSTALL PER MANUFACTURES SPECIFICATIONS/RECOMMENDATIONS.
 7. PROVIDE AND INSTALL NEW PICKLEBALL NETS (2), POSTS (4), AND FOOTINGS PER USAPA. PICKLEBALL BET SYSTEM: POSTS SHALL BE MODEL PPR10BK, NETS, CENTER GROUND ANCHOR, AND FOOTINGS, SHALL BE PPR-10. ALL COMPONENTS MANUFACTURED BY JAYPRO SPORTS, OR APPROVED EQUAL- CONFIRM WHICH ADDITIONAL COMPONENTS COME WITH PURCHASE OF NET AND POST. COLOR TO BE SELECTED BY CITY. INSTALL PER MANUFACTURES SPECIFICATIONS/RECOMMENDATIONS.
 8. PROVIDE AND INSTALL NEW TENNIS COURT STRIPING PER USTA. PLEXIPAVE HI-HIDE PLEXICOLOR LINE PAINT, OR APPROVED EQUAL. INSTALL PER MANUFACTURES RECOMMENDATIONS
 9. PROVIDE AND INSTALL NEW PICKLEBALL COURT STRIPING PER USAPA. PLEXIPAVE HI-HIDE PLEXICOLOR LINE PAINT, OR APPROVED EQUAL. COLOR TO BE SELECTED BY THE CITY. INSTALL PER MANUFACTURES SPECIFICATIONS/RECOMMENDATIONS.
 10. PROVIDE AND INSTALL NEW 6' TALL CHAIN LINK FENCE WITH WINDSCREEN. WINDSCREEN SHALL BE PUTTERMAN ATHLETICS TENN-AIR PRO, OR APPROVED EQUAL. COLOR AS SELECTED BY THE CITY. INSTALL FENCE PER PARKS STANDARD DETAIL PK-40.
 11. REMOVE AC WALK AND REPLACE EXISTING SWING GATE WITH CHAIN LINK FENCE TO MATCH EXISTING PERIMETER FENCING. PROVIDE AND INSTALL FENCE PER PARKS STANDARD DETAIL PK-40. PURCHASE AND INSTALL 3" THICK WALK ON BARK MULCH WHERE AC WALK EXISTED. REFER TO CITY SPECIFICATIONS FOR BARK TYPE.
 12. REMOVE AND REPLACE EXISTING SWING GATE WITH CHAIN LINK FENCE. PROVIDE AND INSTALL FENCE PER PARKS STANDARD DETAIL PK-40.
 13. REMOVE EXISTING CHAIN LINK FENCE, PROVIDE AND INSTALL NEW CHAIN LINK SWING GATE PER PARKS STANDARD DETAIL PK-40. ALL NEW GATES SHALL FOLLOW THE SAME SIZING AND FORM AS ORIGINAL GATES
 14. REMOVE CONCRETE GUTTER, INSTALL UNDER WALK DRAIN AND COBBLE AS SHOWN ON PLANS. CITY TO PROVIDE COBBLE. *SEE SHEET L1.3 FOR DETAILS.*
 15. PROVIDE AND INSTALL TWO SIX (6') TALL SWING GATES WITH WINDSCREEN. WINDSCREEN SHALL BE PUTTERMAN ATHLETICS TENN-AIR PRO, OR APPROVED EQUAL. COLOR AS SELECTED BY THE CITY. INSTALL GATE PER PARKS STANDARD DETAIL PK-40.
- ADD ALTERNATIVE**
16. REMOVE EXISTING MULCH AS SHOWN, PROVIDE AND INSTALL 3" THICK WALK ON BARK MULCH. REFER TO DEMOLITION PLAN REGARDING CITY SPECIFICATIONS AND TYPE. PROTECT EXISTING IRRIGATION IN PLACE IN KIND. CONTRACTOR TO REPLACE ANY DAMAGED IRRIGATION EQUIPMENT DURING CONSTRUCTION, TYP.
 17. PROVIDE AND INSTALL 9' TALL COURT PERIMETER WINDSCREEN. WINDSCREEN SHALL BE PUTTERMAN ATHLETICS TENN-AIR PRO, OR APPROVED EQUAL. COLOR AS SELECTED BY THE CITY



EXISTING CONDITONS SCHEDULE

SYMBOL	QTY	NAME / ITEM	REMARKS
	APPROX. 11,860 SQ. FT.	EXISTING AC PAVEMENT	EXISTING AC COURT PAVEMENT WITH CRACKS
	APPROX. 260 SQ. FT.	EXISTING CONCRETE	EXISTING CONCRETE WITHIN THE SCOPE OF WORK
	APPROX. 1,500 SQ. FT.	EXISTING BARK MULCH	EXISTING MULCH WITHIN THE SCOPE OF WORK
	5	EXISTING LIGHT FIXTURES TO REMAIN	LIGHT FIXTURES TO BE PROTECTED IN PLACE
	3	EXISTING CHAIN LINK SWING GATES	REFER TO DEMO PLAN FOR CHAIN LINK SWING GATE REMOVAL LOCATIONS
	2	EXISTING TREES TO REMAIN	TREES TO BE PROTECTED IN PLACE
	-	EXISTING UTILITY LINE	PROTECT IN PLACE
	-	EXISTING WATER LINE	PROTECT IN PLACE



SCALE: 1:10
DATE: JANUARY 2025

CONSULTANT:



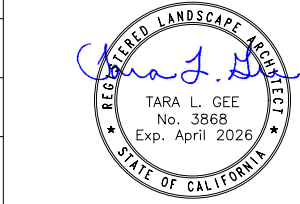
DESIGN:

DRAWING:

VERIFICATION:

PRESENTATION:

APPROVED:



REVISIONS

Nº	DATE	

WOODBIDGE TENNIS & PICKLEBALL COURT RENOVATION

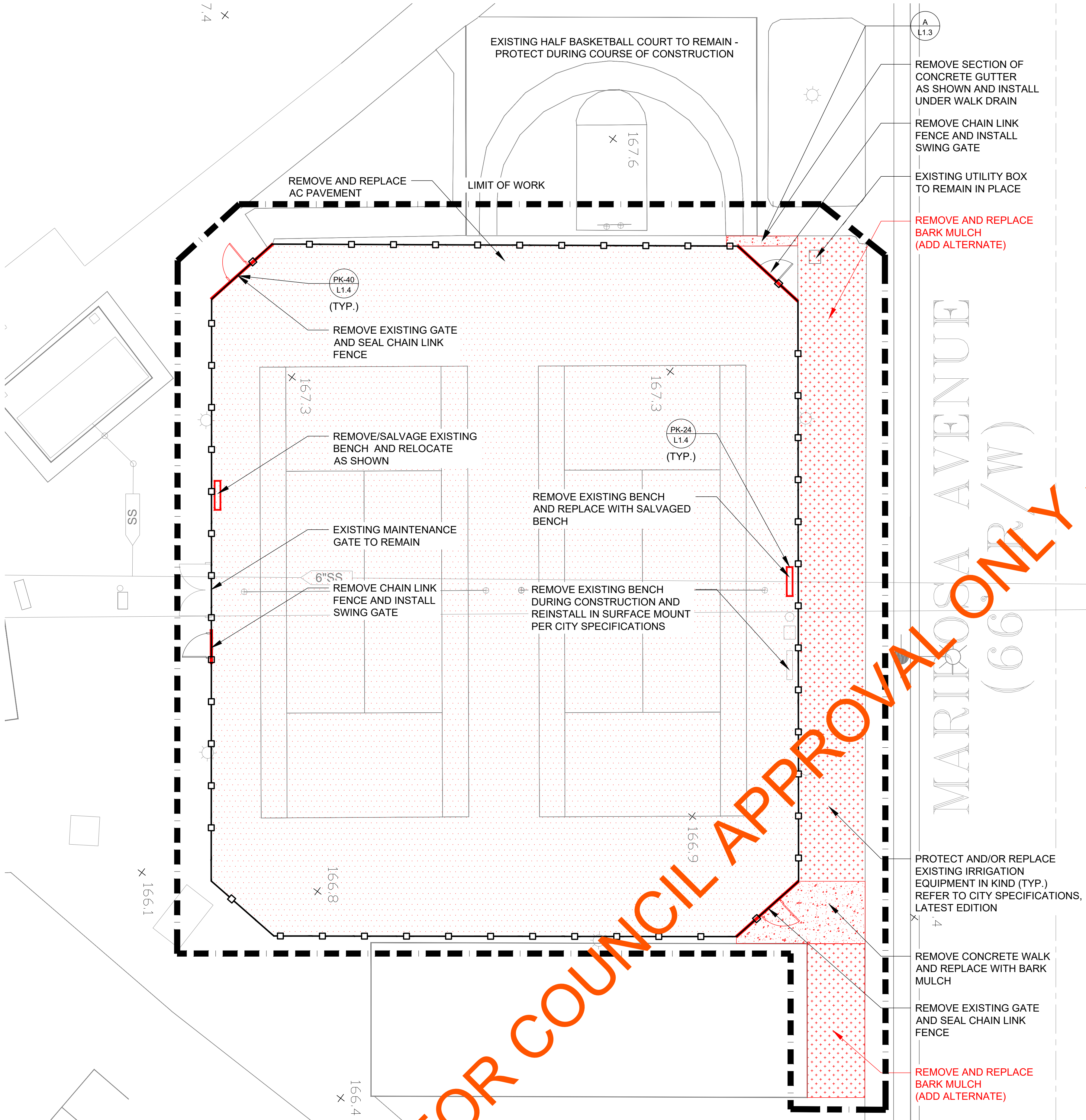
415 SIERRA BLVD, ROSEVILLE, CA, 95678

EXISTING CONDITIONS PLAN

L1.0

SHEET: 3 OF 7

JOSHUA RAUL CERVANTES



DEMO SCHEDULE

DEMO SYMBOL	QTY	NAME / ITEM	REMARKS
	APPROX. 11,860 SQ. FT.	REMOVE AND REPLACE EXISTING AC PAVEMENT.	PROVIDE AND INSTALL MULTI-PART ACRYLIC COLOR AND SURFACING SYSTEM, PLEXIPAVE SYSTEM AS MANUFACTURED BY CALIFORNIA SPORTS SURFACES, OR EQUAL, OVER 2-1/2" AC PAVING. AC PAVING TO BE PLACED IN 2 LIFTS
	APPROX. 208 SQ. FT.	REMOVE CONCRETE	REMOVE EXISTING CONCRETE AND REPLACE WITH ELEMENTS PER SCOPE OF WORK PLAN
	APPROX. 1,500 SQ. FT.	REMOVE AND REPLACE EXISTING WALK ON MULCH	REFER TO BARK MULCH NOTES FOR SPECIFICATIONS
	APPROX. 50 LF.	REMOVE EXISTING SECTIONS OF CHAIN LINK FENCE	REPLACE WITH ACCESS GATE AS SHOWN IN SCOPE OF WORK PLAN
	2	REMOVE EXISTING SWING GATE	REPLACE WITH CHAIN LINK FENCE AS SHOWN IN SCOPE OF WORK PLAN
		REMOVE/REPLACE BENCH	REMOVE EXISTING BENCH AS SHOWN AND REPLACE WITH SALVAGED BENCH AS SHOWN ON SCOPE OF WORK PLAN

BARK MULCH NOTES*

APPLY THREE (3") INCHES OF BARK MULCH IN AREAS AS SHOWN - KEEP MULCH A MINIMUM OF FOUR (4") INCHES AWAY FROM EXISTING TREE TRUNKS. TAPER MULCH PROFILE AWAY FROM TREE TRUNK TO AVOID SUBSEQUENT COLLECTION.

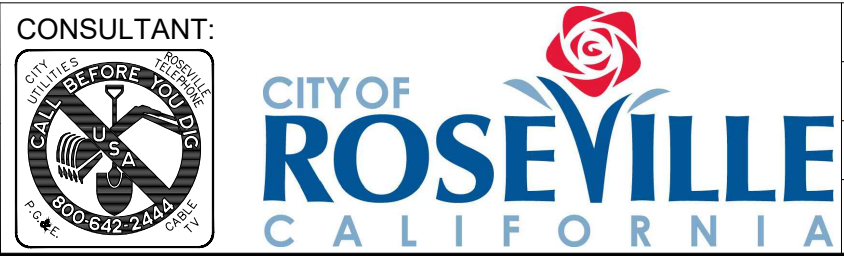
CONTRACTOR MUST RECEIVE AN APPROVED SUBMITTAL PRIOR TO INSTALLATION

BARK MULCH TO BE:

A.A. REGULAR "WALK-ON" FIR BARK AS MANUFACTURED BY REDI-GRO CORPORATION, SACRAMENTO, CA (916) 381-6063, MALLARD CREEK, INC. ROCKLIN, CA (916) 645-1681, MY BARK COMPANY, INC., LINDEN, CA (209) 649-4250 OR ACCEPTED EQUAL.

B.B. DECORATIVE BARK, SHREDDED LUMBER OR SAW DUST, AND CONSTRUCTION DEBRIS ARE NOT PERMITTED. THE MULCH MUST BE FREE OF NEEDLES.

SCALE: 1:10
DATE: JANUARY 2025



DESIGN:
DRAWING:
VERIFICATION:
PRESENTATION:



REVISIONS	
N°	DATE

WOODBIDGE TENNIS & PICKLEBALL COURT RENOVATION

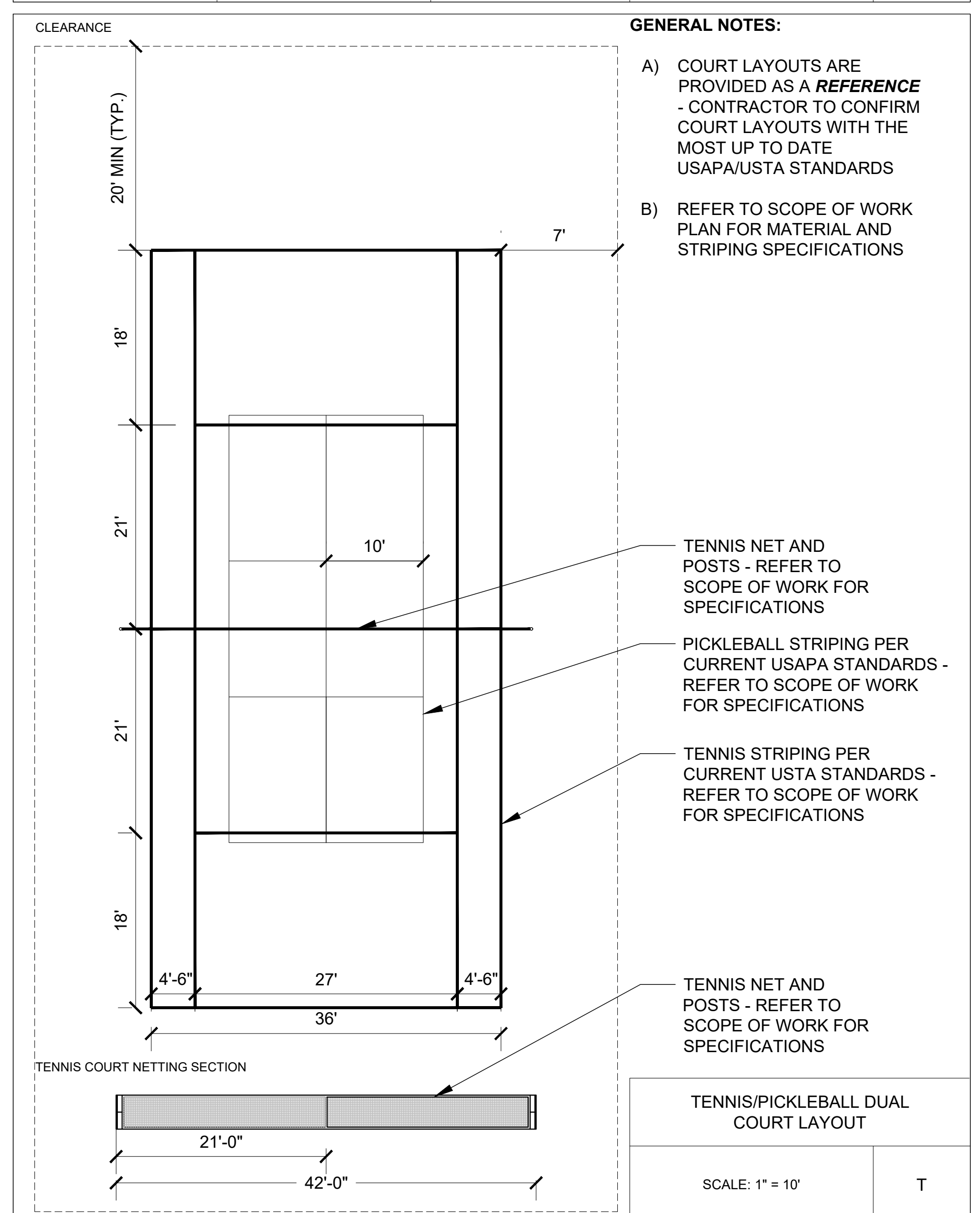
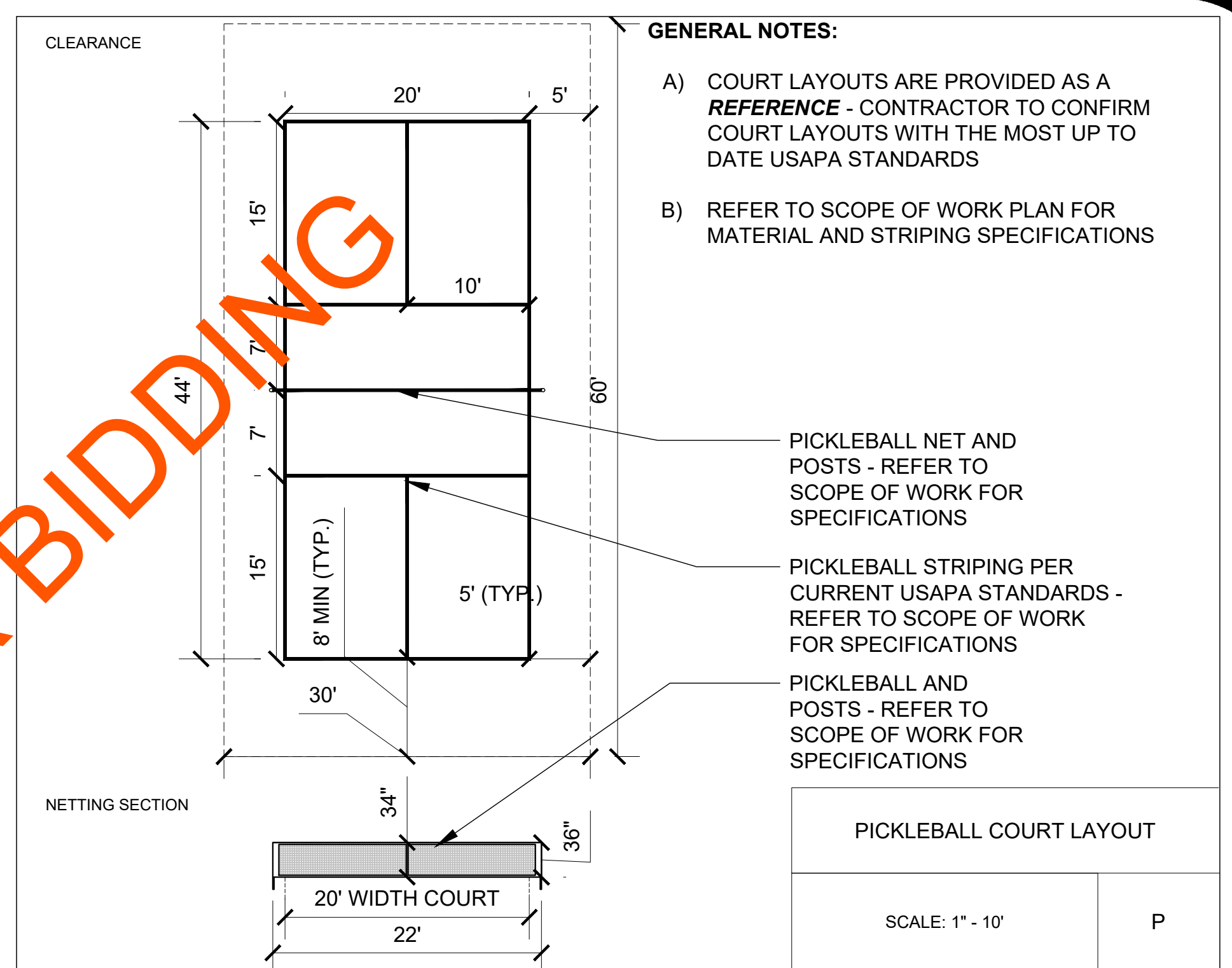
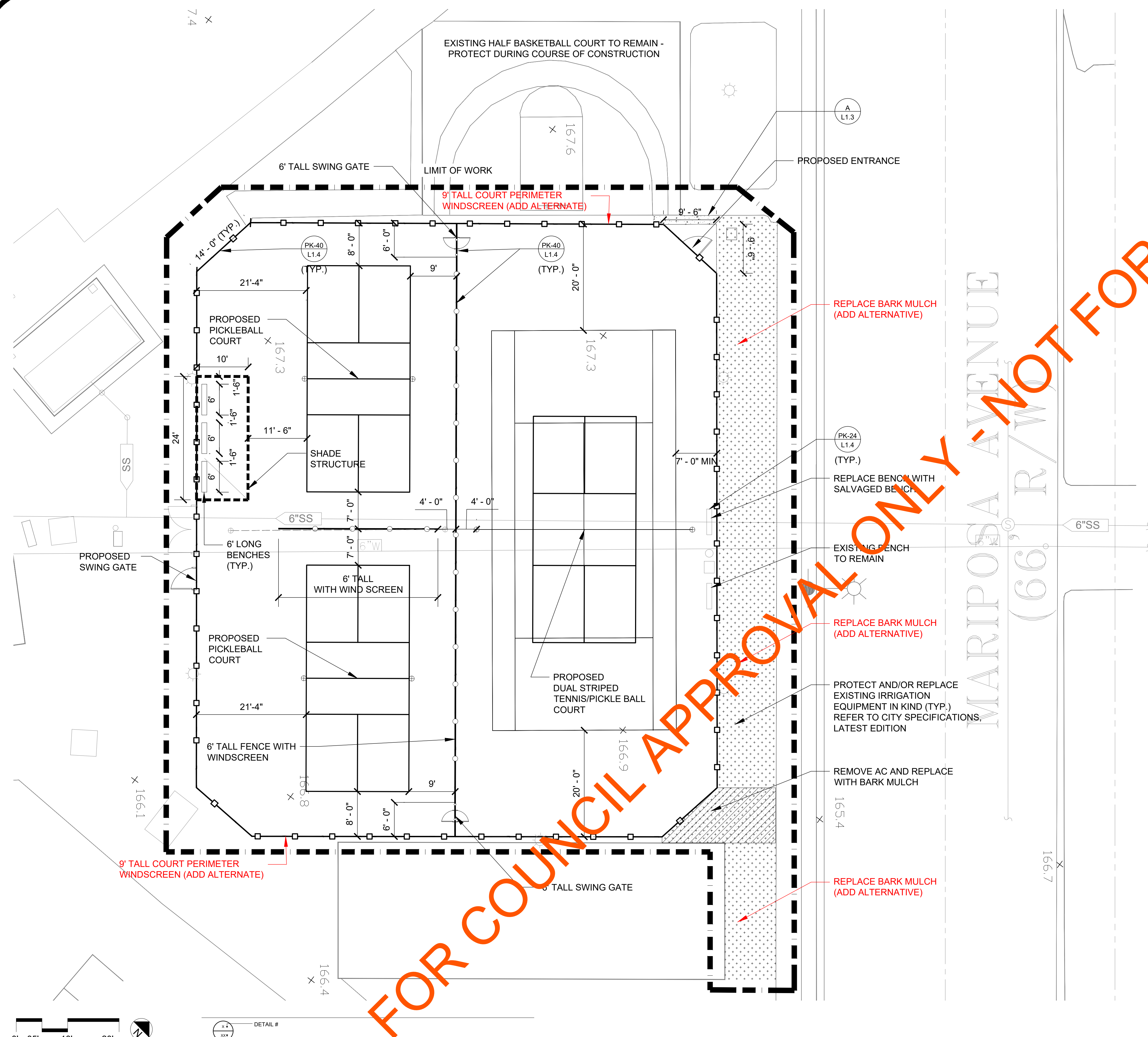
415 SIERRA BLVD, ROSEVILLE, CA, 95678

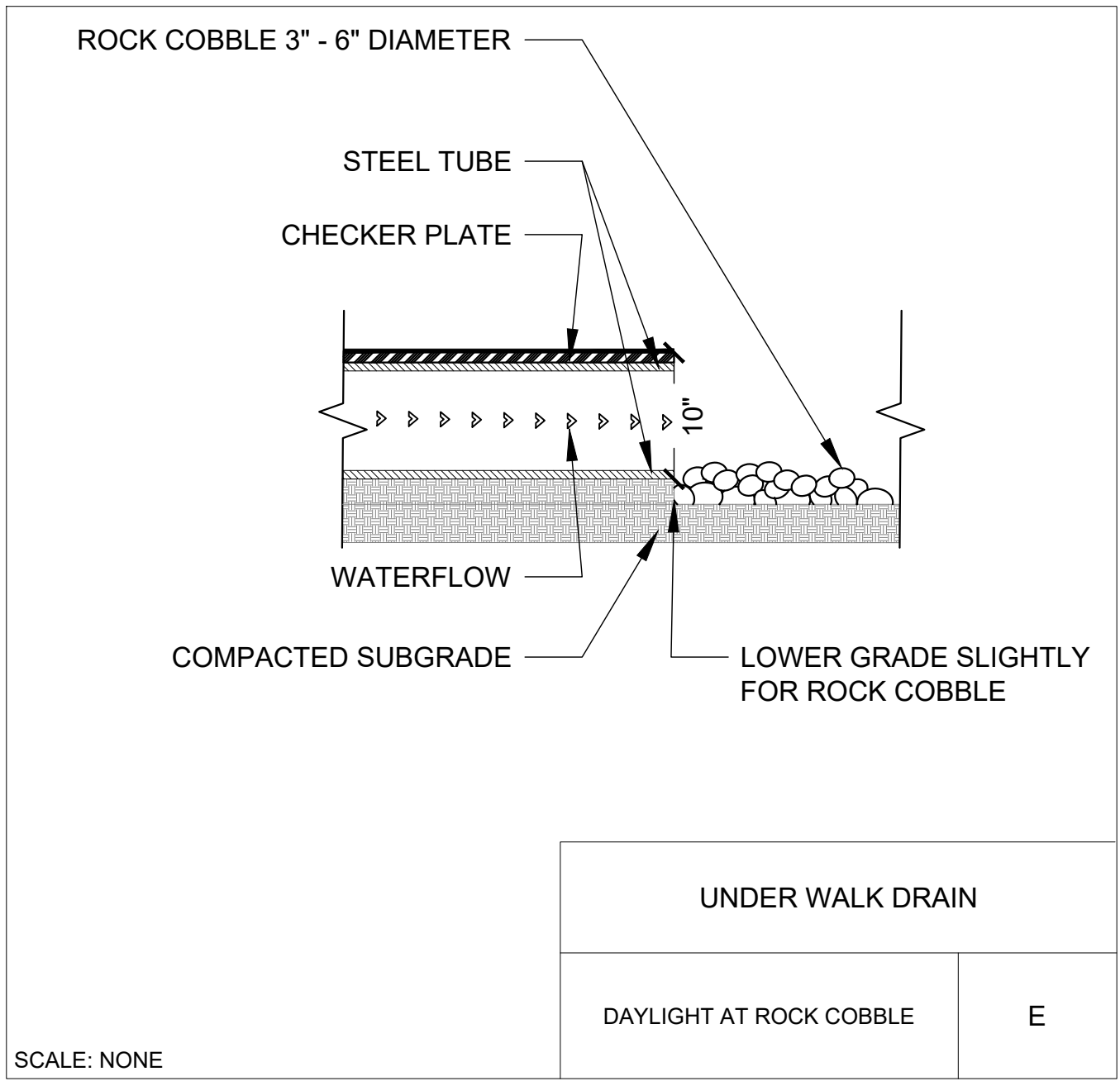
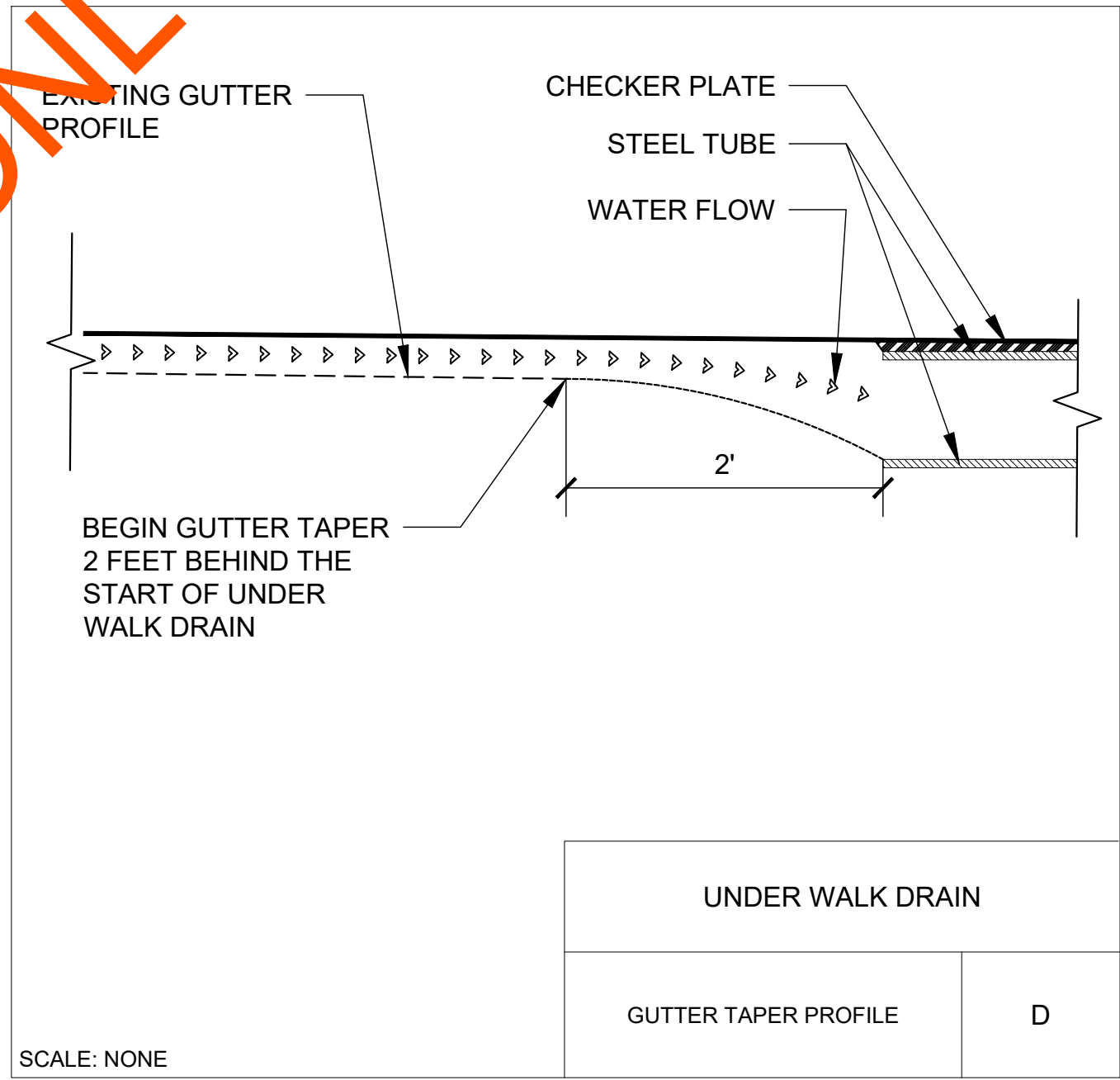
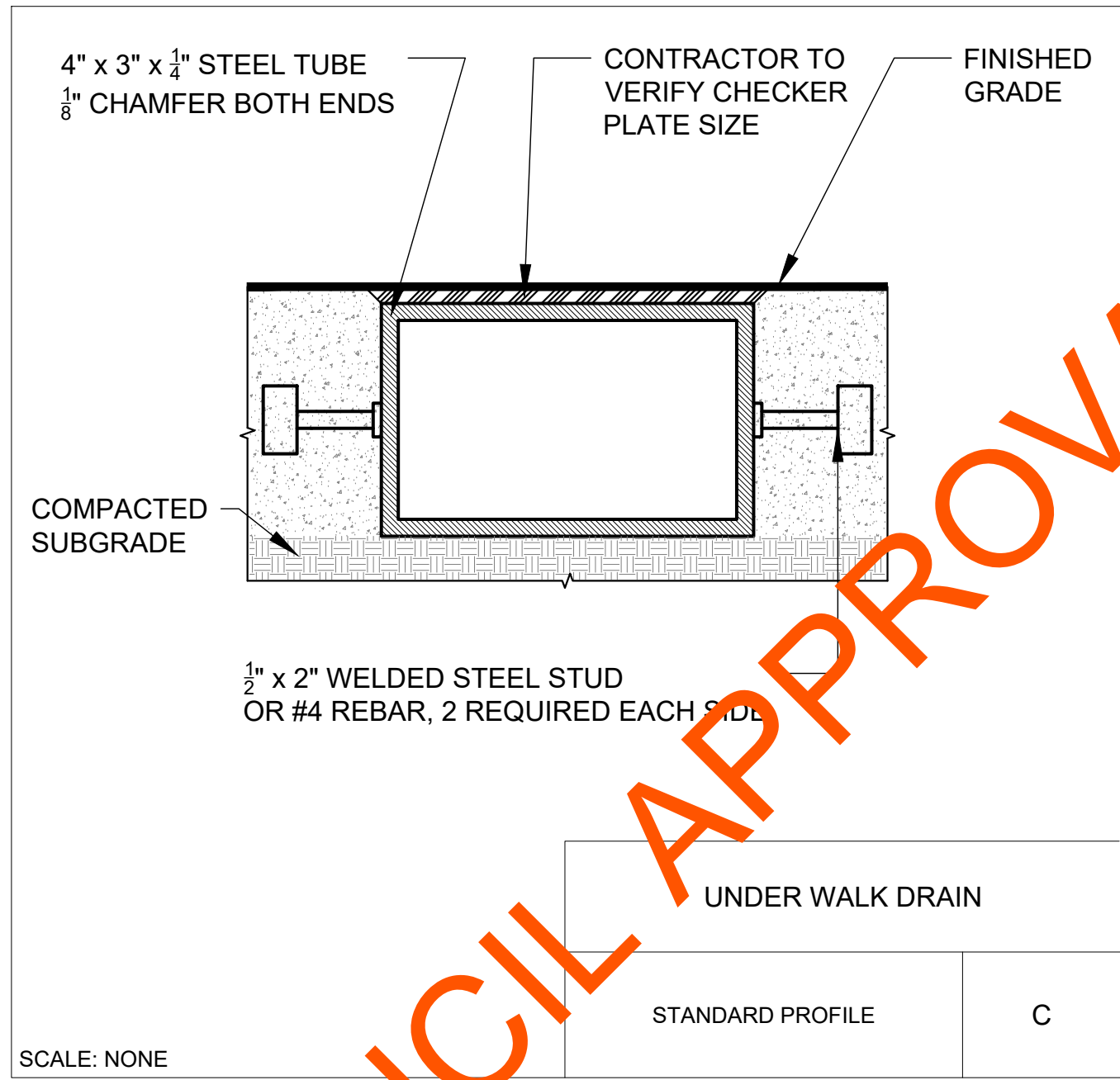
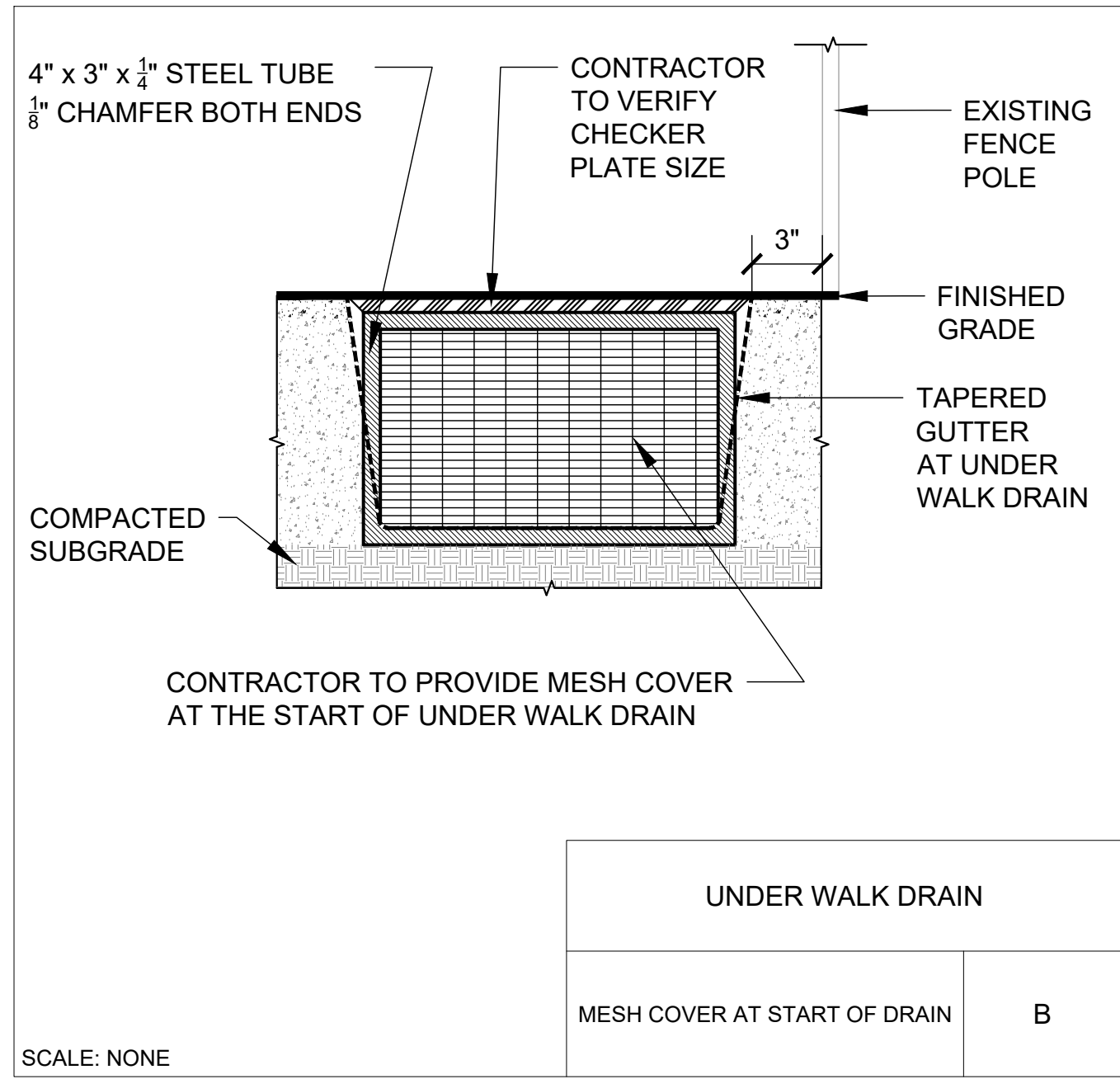
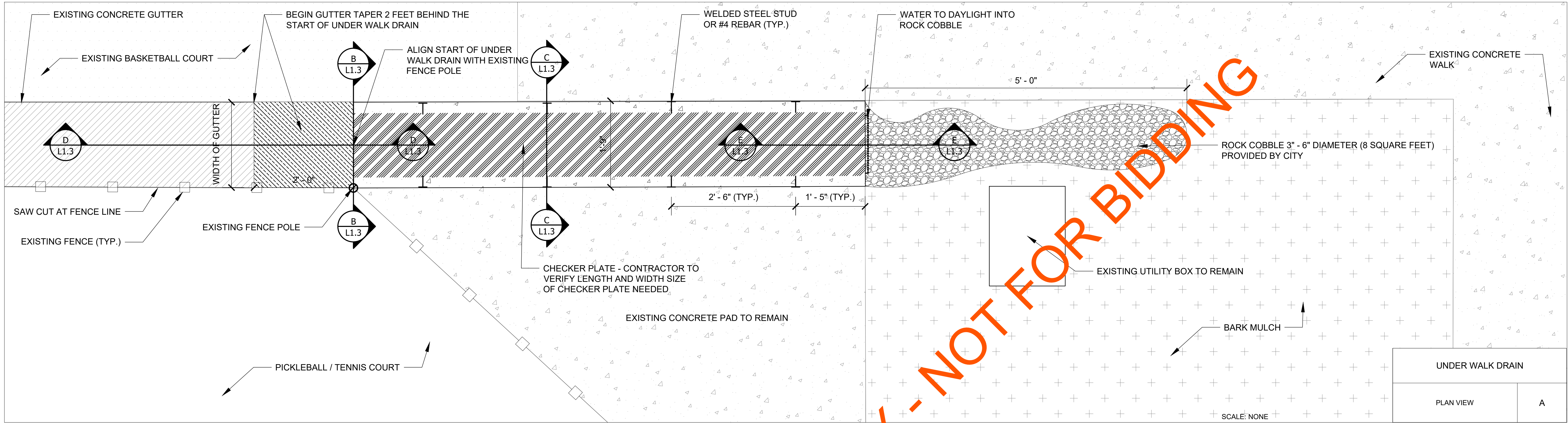
DEMO PLAN

L1.1

SHEET: 4 OF 7

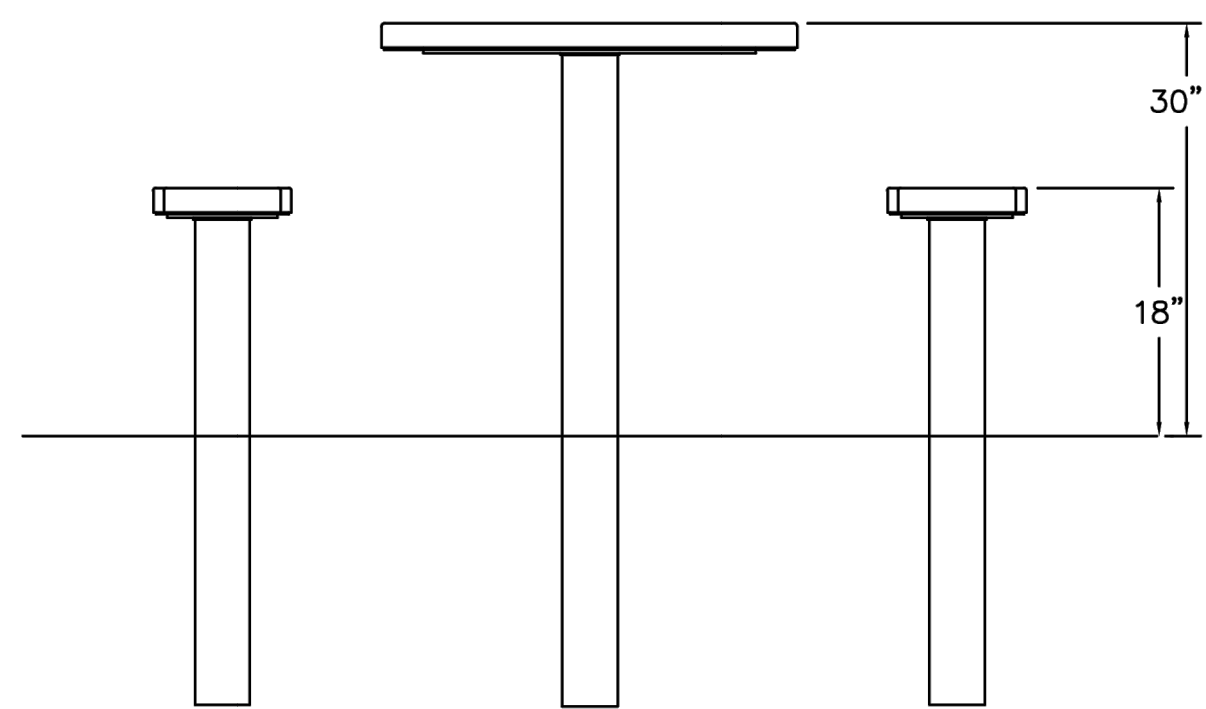
JOSHUA RAUL CERVANTES



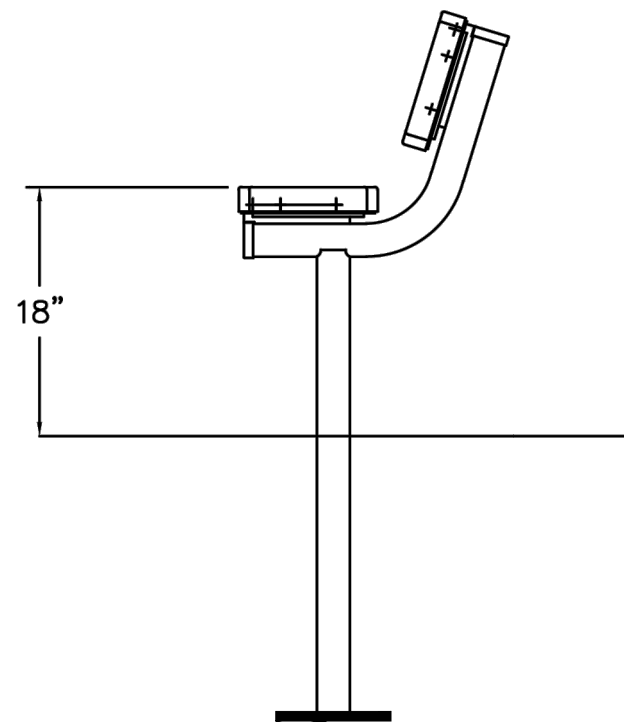


GENERAL NOTES:

- CONTRACTOR TO VERIFY LENGTH / WIDTH OF UNDER WALK DRAIN AND CHECKER PLATE NEEDED TO FIT IN PLACE OF EXISTING GUTTER. ORDER CUSTOM SIZING AS NEEDED UPON CITY APPROVAL.
- REMOVER EXISTING GUTTER TWO (2) FEET BEHIND EXISTING GATE POLE AND TAPER NEW CONCRETE GUTTER TO BOTTOM OF UNDER WALK DRAIN AS SHOWN.
- ALL HARDWARE SHALL BE GALVANIZED PER CALTRANS SPECIFICATIONS
- UNDER WALK DRAIN MATERIALS SHALL FOLLOW MOST UP TO DATE CITY OF ROSEVILLE PARKS SPECIFICATIONS AND APPROVED BY THE CITY OF ROSEVILLE PARKS, RECREATION, AND LIBRARIES DEPARTMENT PRIOR TO INSTALL
- CONTRACTOR TO PROVIDE ALL UNDER WALK DRAIN MATERIALS



TABLE



BENCH

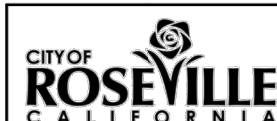
INSTALL IN SURFACE MOUNT
PER MANUFACTURES
RECOMMENDATIONS

NOTES

1. INSTALL FOOTINGS PER MANUFACTURERS RECOMMENDATIONS.
2. INSTALL PLUMB AND LEVEL.
3. INSTALLATION HEIGHTS:
TABLE (TOP)- 28" MIN. - 34" MAX. PREFER 30" AT MID-POINT.
-MAINTAIN 27" MIN. CLEAR SPACE TO BOTTOM OF TABLE
BENCH (TOP)- 17" MIN. - 19" MAX. PREFER 18" AT MID-POINT.

Jill Geller

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR

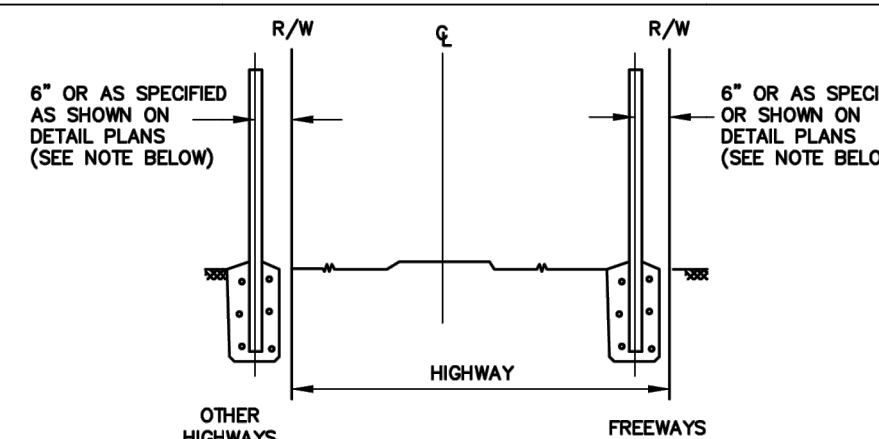
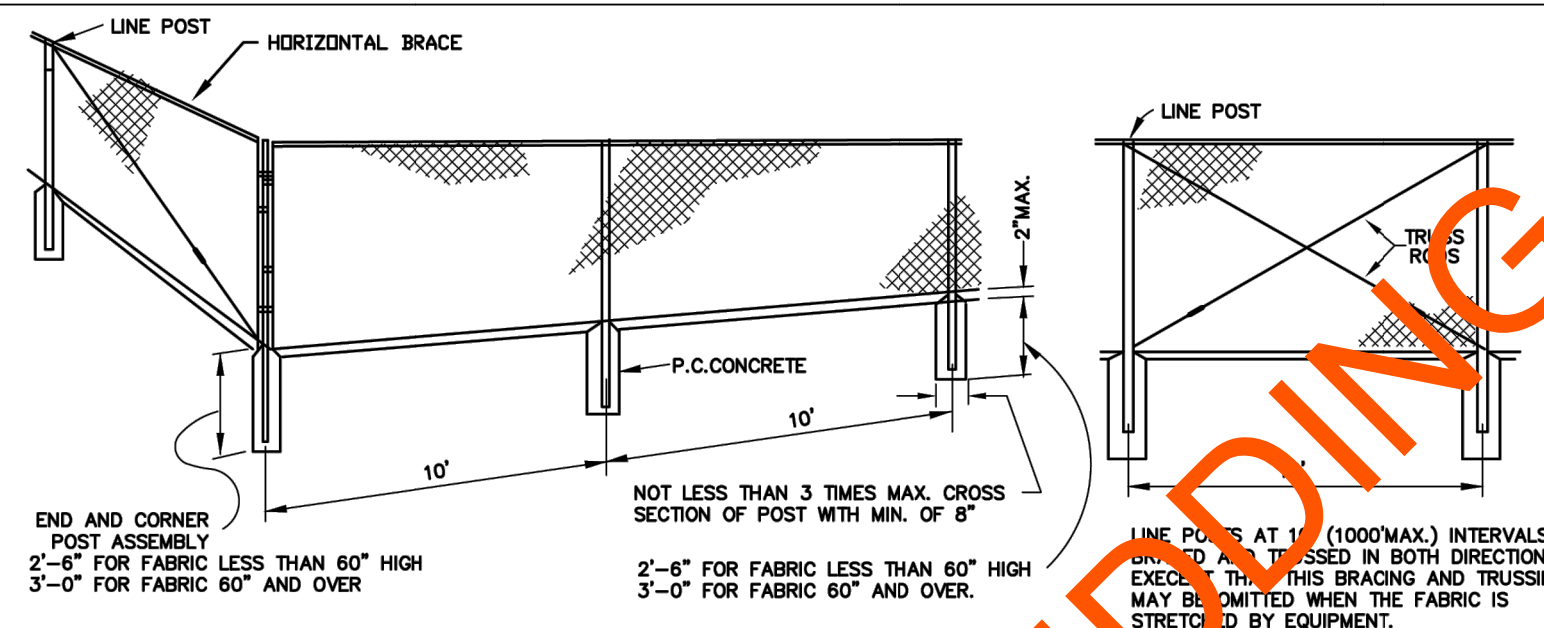


PARKS, RECREATION, & LIBRARIES
DEPARTMENT

PICNIC TABLE AND BENCH
INSTALLATION HEIGHTS

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

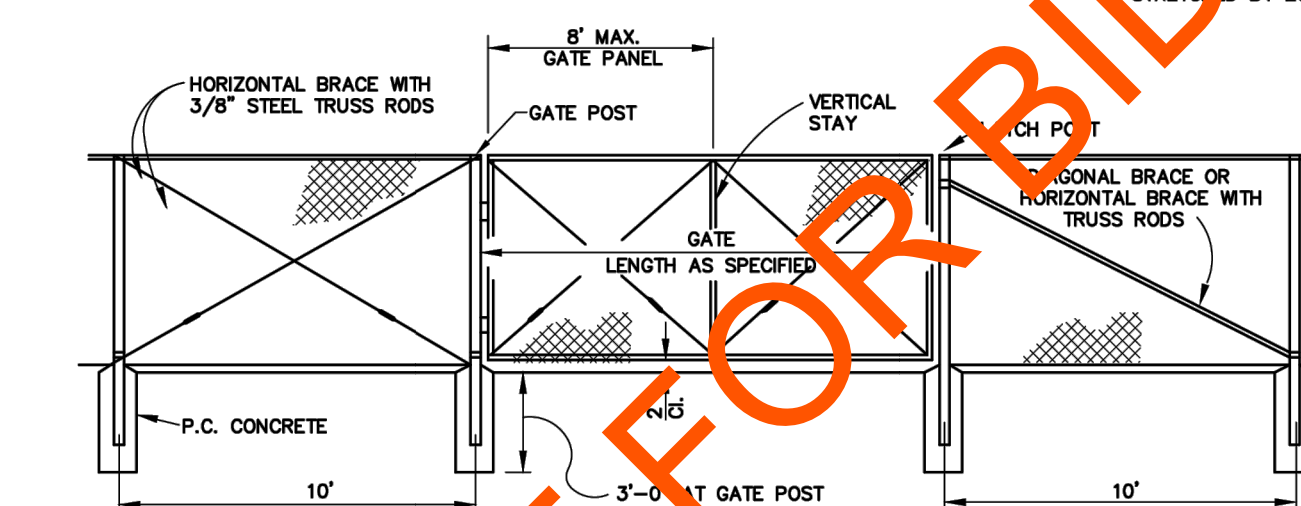
PK-24



NOTES

1. OFFSET TO BE 2'-0" AT MONUMENT LOCATIONS,
MEASURED AT RIGHT ANGLES TO R/W LINES.
TAPER TO ACHIEVE OFFSET TO BE AT LEAST 20' LONG.

FENCE LOCATION



TYPE CL-4=48" FABRIC (11 GAUGE)
TYPE CL-6=72" FABRIC (9 GAUGE)

TYPICAL MEMBER DIMENSIONS

FENCE HEIGHT	LINE POSTS				END, LATCH & CORNER POSTS				BRACES			
	ROUND (I.D.)	H	ROLL	FORMED	ROUND (I.D.)	H	ROLL	FORMED	ROUND (I.D.)	H	ROLL	FORMED
6" AND LESS	1-1/2"	1-7/8"	1-5/8"	3/4" X 1-3/4"	2"	3-1/2" X 3-1/2"	2"	3-1/4"	1-1/4"	1-1/2" X 1-5/16"	1-5/8"	1-1/4"
OVER 6"	2"	2-1/4" X 2"	2"	1-3/4"	2-1/2"	3-1/2" X 3-1/2"	2"	3-1/4"	1-1/4"	1-1/2" X 1-5/16"	1-5/8"	1-1/4"

NOTES

1. THE ABOVE TABLE SHOWS EXAMPLES OF POST AND BRACE SECTIONS WHICH MAY COMPLY WITH THE SPECIFICATIONS.
2. SECTIONS SHOWN IN THE TABLES MUST ALSO COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS.
3. OPTIONS WHICH COMPLY WITH THE STRENGTH REQUIREMENTS AND OTHER PROVISIONS OF THE SPECIFICATIONS MAY BE USED ON APPROVAL OF THE ENGINEER.
4. OPTIONS CROSSED SHALL BE UNIFORM ON ANY ONE PROJECT.
5. DIMENSIONS SHOWN ARE NOMINAL.

GATE POST							
FENCE HEIGHT	GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FOOT	FENCE HEIGHT	GATE WIDTHS	NOMINAL I.D.	WEIGHT PER FOOT
6"-0" AND LESS	UP THRU 6'	2-1/2"	4.85	6"	UP THRU 6'	3"	7.58
	OVER 6' THRU 12'	4"	10.79		OVER 6' THRU 12'	5"	14.62
	OVER 12' THRU 18'	5"	14.62		OVER 12' THRU 18'	6"	18.97
OVER 18' TO 24' MAX.	6"		18.97	OVER 18' TO 24' MAX.	8"		28.55

NOTES

1. ABOVE POST DIMENSIONS AND WEIGHTS ARE MINIMUMS. LARGER SIZES MAY BE USED ON APPROVAL OF ENGINEER.

Jill Geller

JILL GELLER, CPRE
PARKS, RECREATION & LIBRARIES DIRECTOR



PARKS, RECREATION, & LIBRARIES
DEPARTMENT

CHAIN LINK FENCE

SCALE: NONE
REVISED: JULY 2023
REVIEWED BY: T. GEE
APPROVED BY: J. GELLER

PK-40

SCALE: NONE
DATE: JANUARY 2025

CONSULTANT:



DESIGN:
DRAWING:
VERIFICATION:
PRESENTATION:

APPROVED:



REVISIONS

N°	DATE	

WOODBIDGE TENNIS & PICKLEBALL
COURT RENOVATION

415 SIERRA BLVD, ROSEVILLE, CA, 95678

ADDITIONAL DETAILS

L1.4

SHEET: 7 OF 7

JOSHUA RAUL CERVANTES

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.

FOR COUNCIL APPROVAL ONLY - NOT FOR BIDDING



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: Woodbridge Park Tennis and Pickleball Courts

Project Location(s): Woodbridge Park, 415 Sierra Boulevard, Roseville, CA 95678
(APN 011-170-004-000)

Project Description: The project would approve an authorization to bid for improvements at Woodbridge Park. The improvements would include: asphalt court removal and new installation, as well as installation of two new pickleball courts with striping and equipment, one new tennis court with striping and equipment, two new court entrances via chainlink swing gate, new surface mount benches, and a new covered shading seating area. All work will occur within the existing park, and there are no environmentally sensitive resources located onsite. The improvements would not result in expansion of use.

Public Agency Approving Project: Roseville City Council

Agency/Individual Carrying Out Project: City of Roseville Parks, Recreation and Libraries Department

Reason why this Project is Exempt: This project qualifies for a Class 1 Exemption as described in Section 15301 of the California Environmental Quality Act (CEQA) guidelines which states:

"Class 1 consists of the....minor alteration of existing public or private structures, facilities... involving negligible or no expansion of existing or former use..."

The project would improve the existing tennis court and add a new tennis court and two new pickleball courts at Woodbridge Park. This would not result in expansion of use beyond existing levels. Furthermore, no environmentally sensitive resources are located within the project sites; therefore, the Class 1 Exemption is applicable to the proposed project.

Lead Agency Contact Person: Josh Cervantes, Parks, Recreation and Libraries Department, 316 Vernon Street, Roseville, CA 95678. (916) 746-1233

Signature: _____

A handwritten signature in cursive script, appearing to read "Jessica Lynch", written over a horizontal line.

Jessica Lynch, Environmental Coordinator
City of Roseville

Date: 1/29/2025



COUNCIL COMMUNICATION

CC #: 3786
File #: 0203-02

Title: Fleet Equipment Purchase – Purchase Order
Contact: Lea Schroeder 916-774-5503 lschroeder@roseville.ca.us

Meeting Date: 3/19/2025
Item #: 7.5.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council approve a sole source purchase order to Volvo Construction Equipment & Services for one (1) Avant 860GT compact loader with attachments as a Fleet addition approved in the FY2024-25 Fleet Replacement Fund budget.

BACKGROUND

Volvo Construction Equipment & Services is the sole source government distributor of Avant Tecno equipment and attachments. Copyright, trademarks, and service marks protect the Avant Tecno products.

The Parks, Recreation, and Libraries Department's Open Space division is purchasing one (1) Avant 860GT compact loader with attachments as a new Fleet addition. The compact loader and attachments will be used for tree removals, oak mitigation, bike trail mowing, vegetation management, cleaning unsheltered camps, and loading debris. In addition, the machine will be used during storm emergency events. The attachments will be used to perform creek maintenance, auguring holes for tree planting sites, grinding stumps of removed trees, loading materials and supplies into bins, and spreading and loading wood chips for water conservation.

FISCAL IMPACT

The total cost for one (1) Avant 860GT compact loader with attachments, including options and sales tax, is \$185,367. Funding is included in the FY2024-25 Fleet Replacement Fund budget. This will not impact 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 purchase of equipment 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 E – Deliver exceptional city services.

Goal F – Invest in well-planned infrastructure and growth.

Respectfully Submitted,

Lea Schroeder, Management Analyst

Jason Shykowski, Public Works Director



Dominick Casey, City Manager

ATTACHMENTS:

Description



COUNCIL COMMUNICATION

CC #: 3799
File #: 0203-09

Title: RPEAK Evaporative Cooling - Sole Source Contract Purchase Agreement
Contact: Oscar Plasencia 916-746-1648 oplasencia@roseville.ca.us

Meeting Date: 3/19/2025
Item #: 7.6.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution to approve a sole source Contract Purchase Agreement with GE Vernova Operations, LLC for the control system design and on-site technical advisory services needed for the installation of evaporative cooling systems on each of the TM2500's at the RPEAK site and to approve change order authority for staff to approve unforeseen change orders up to 10% of the cost.

BACKGROUND

In 2021, Roseville executed agreements with the California Department of Water Resources (CDWR) to site two generating units adjacent to the Roseville Energy Park (REP) as part of the State of California's overall efforts to improve electric system reliability. The site was named the RPEAK power plant. In 2023, Roseville and CDWR reached agreement to place Roseville on a path to take ownership of these generating units through various options. Pursuant to one option in the agreement, Roseville was required to procure and install evaporative cooling systems for the two GE TM2500 combustion turbines (that make up the RPEAK power plant). The units at the RPEAK site currently utilize air at ambient temperature for their combustion process. While this may be adequate during cold winter days, during the summer when the air is hot and dry these turbines are not able to reach maximum designed output. By installing evaporative cooling systems, the units will be able to generate near designed power output year-round.

Roseville executed a contract with GE Vernova Operations, LLC (GE) for the evaporative coolers for this project which was approved by City Council on June 19, 2024. At the time, the materials contract was prioritized over the services contract due to long lead times, with the intent to follow-up later (now) for the services contract. Staff received quotation #1681359 R2 for control system design and technical advisory services needed for the installation of evaporative cooling systems on each of the TM2500's at the RPEAK site. GE is the original equipment manufacturer of the evaporative cooling system and is required to design the necessary control system and be on site during the installation of the evaporative coolers to provide technical advisory services.

FISCAL IMPACT

The total cost of this contract purchase agreement is \$286,524.40. An additional 10% contingency is requested for unforeseen change orders of \$28,652.44, for a total requested budget authority of \$315,176.84. Funding is included in the Electric Department's FY2024-25 budget in the Electric Fund.

ENVIRONMENTAL REVIEW

The proposed project involves the minor alteration of an existing facility. This activity is categorically exempt from CEQA as a Class 1 Exemption (State CEQA Guidelines Section 15301). The Exemption has been prepared and no further CEQA action is required.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

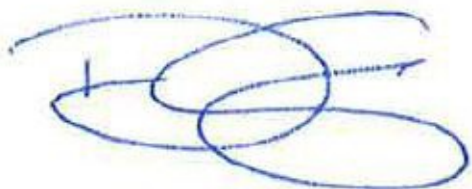
Goal E - Deliver exceptional city services

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Oscar Plasencia, Senior Power Plant Engineer

Daniel Beans, Electric Utility Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 25-069

Signed CPA

CEQA - Notice of Exemption

RESOLUTION NO. 25-069

APPROVING A CONTRACT PURCHASE AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND GE VERNOVA OPERATIONS, LLC, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, a contract purchase agreement (3004419) for technical installation advisory services and RX3I Software modifications for the evaporative cooler upgrade at the Roseville Energy Park, by and between the City of Roseville and GE Vernova Operations, LLC, 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.

BE IT FURTHER RESOLVED by the Council of the City of Roseville 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 original contract price.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2025, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



Contract Purchase Agreement 3004419

Supplier Details:

Company GE Vernova Operations LLC
Contact Jim Canon
Address 16415 Jacintoport Blvd

Houston, TX 77015

Submit your response to:

Company City of Roseville
Contact Tiffany Valdez
Address Purchasing Division
311 Vernon St
Roseville, CA 95678
Phone (916) 746-1109
Fax (916) 746-1115
E-mail TValdez@roseville.ca.us

This Contract Purchase Agreement is sent for your review and acceptance. Notify the Buyer via email of any needed changes to the company name, address, and contact information. The Buyer will update the agreement prior to you signing the document.

Return signed copies of the agreement to the Buyer noted on the agreement. Alterations or modifications to the agreement are not allowed. Upon receipt of all necessary documents, the City will sign the agreement and return a fully executed copy to you. Receipt of the signed copy will be your notice to proceed with the work in accordance with the terms and conditions of the agreement. Work must not begin until the contract has been fully executed.

The following guidelines must be followed for the signature block on the agreement:

Sole proprietorship - **By owner**

Partnership - **Any general partner**

Corporation - **Two options:**

(1) A signature from the President and the corporate seal; **OR**

(2) One signature from the Chairman of the Board, President, or any Vice President **AND** one signature from the Secretary, any Assistant Secretary, Chief Financial Officer, or any Treasurer or Assistant Treasurer of the corporation

LLC - A signature by a person having authority to contractually obligate the corporation to the terms of the contract.

*General Manager, Office Manager and/or Sales Manager are **not** corporate officer titles. The agreement will be rejected if not signed in accordance with these guidelines.

Insurance requirements:

The City's insurance requirements are referenced on Attachment A of the agreement. By signing the agreement, you are confirming that your company has the minimum insurance limits required.



Contract Purchase Agreement 3004419

Agreement	3004419
Agreement Date	18-FEB-2025
Change Order	
Change Order Date	26-FEB-2025
Revision	
Agreement Amount	286,524.40 USD

Invoice To **City of Roseville**
Accounts Payable
311 Vernon St
ROSEVILLE CA 95678

Phone: (916) 774-5488
Fax: (916) 784-3796
Email: accountspayable@roseville.ca.us

Supplier **GE Vernova Operations LLC**
16415 Jacintoport Blvd

Houston, TX 77015

Phone: (832) 295-7707
Fax: ()
Email: james.canon@gevernova.com

Description of Labor, equipment and/or materials SHALL PROVIDE PROFESSIONAL TECHNICAL INSTALLATION ADVISORY SERVICES AND RX3I SOFTWARE MODIFICATIONS FOR THE EVAPORATIVE COOLER UPGRADE AT THE ROSEVILLE ENERGY PARK IN ACCORDANCE WITH THE ATTACHED GE PROPOSAL #1681359 R2 DATED 1/24/25 AND PURSUANT TO THE ATTACHED "GE Products and/or Services Terms and Conditions PSTC/Emma (Standard) (March 2024)."

VENDOR ACKNOWLEDGES THE FOLLOWING APPLICABLE CONDITIONS:

- IN ACCORDANCE WITH GE'S PSTC EMMA TERMS, SECTION 12.1, THIS IS A PUBLIC WORKS PROJECT AND ACCORDINGLY HAS ASSOCIATED PREVAILING WAGE REQUIREMENTS.
- IN ACCORDANCE WITH GE'S PSTC EMMA TERMS, SECTION 12.1, THE CITY OF ROSEVILLE REQUIRES VENDOR TO MAKE LEVINE ACT DISCLOSURES (PURSUANT TO CA GOVT. CODE, SECTION 84308), IF APPLICABLE.
- AS A PUBLIC AGENCY SUBJECT TO THE CALIFORNIA PUBLIC RECORDS ACT, THE CITY OF ROSEVILLE IS REQUIRED TO MAKE ALL CONTRACTS PUBLIC INFORMATION, EXCEPT FOR CONTRACT INFORMATION THAT IS A TRADE SECRET AND IS THEREFORE EXEMPTED FROM SUCH DISCLOSURE UNDER THE ACT.

START DATE: EXECUTED AGREEMENT

END DATE: FINAL PAYMENT

FOR QUESTIONS CONTACT MICHAEL ZASSO AT 916-746-1665.

Customer #	Supplier #	Payment Terms	Freight Terms	FOB	Shipping Method
	16101	Net 30	Freight on Board at the destination	Destination	Best Method
Start Date	End Date	Confirm To			
Tiffany Valdez Phone 1-916-746-1109					

Attention: Total Cost not to exceed the agreement amount without prior approval of the Purchasing office.

**ATTACHMENT A
HUMAN RESOURCES/RISK MANAGEMENT DIVISION
INSURANCE REQUIREMENTS
AGREEMENT OVER FORMAL BID LIMIT OR INVOLVING HIGH RISK ACTIVITIES**

General - Required Coverage/Documentation

- General Liability: \$1 Million per occurrence /\$2 Million aggregate
- Automobile Liability: \$1 Million combined single limit
- Workers' Compensation: Statutory *Must provide a Waiver of subrogation
- Additional Insured Endorsement (AIE) - General Liability policy: CG 20 38 04 13 or an equivalent, blanket endorsement or section of the policy. Endorsement shall cover the City of Roseville, its officers, agents, employees and volunteers as additional insured.
- Policies must be primary and non-contributory
- A 30 day notice of cancellation must be provided
- List certificate holder as: The City of Roseville - Insurance Compliance, PO Box 100085-R1, Duluth, GA 30096

Additional Liability/Insurance Requirements if required by Agreement (and marked below):

Construction:_____

General Liability:
\$2 Million/occurrence
\$4 Million aggregate

Design Professional:_____

General Liability:
\$2 Million/occurrence
\$4 Million aggregate
Professional Liability:
\$2 Million/occurrence

Professional Consultant:_____

Professional Liability:
\$1 Million/occurrence

IT Services:_____

Professional Liability:
\$1 Million/occurrence
No auto required
Cyber Liability:
\$1 Million/occurrence

Hazardous Materials:_____

Pollution Liability:
\$1 Million/occurrence

Special Events/Caterers-Vendors:_____

No auto required
No workers' comp required

Professional Counseling/ Psychological:_____

Professional Liability:
\$1 Million/occurrence
No auto required

Pyrotechnics:_____

General Liability:
\$5 Million/occurrence
\$10 Million aggregate
Auto - \$2 Million/occurrence

Chemical/Environmental: _____

General Liability:

\$3 Million/occurrence

\$6 Million aggregate

Pollution – \$2 Million/Occurrence

Auto - \$2 Million/Occurrence

Insurance Submission Process

The City of Roseville Human Resources/Risk Management Department uses a service called EBIX to manage our insurance certificate tracking.

How It Works

- The vendor's contact information is entered into EBIX. EBIX will contact the vendor to request proof of insurance.
- The Vendor can forward the request to their Insurance Agent(s) if necessary.
- Vendor/Insurance Agent submits insurance to EBIX by email to roseville@ebix.com or by fax to (770) 325-5727. After faxing or emailing the certificate, please DO NOT send the certificate by mail to EBIX. Please do not mail, email or fax any certificates to the City of Roseville.
- Once submitted, EBIX reviews the insurance documentation. If there are deficiencies, EBIX will send a follow up letter or email requesting additional information.

Questions Regarding Insurance Submission: Contact EBIX at (951) 652-4239

Questions Regarding Insurance Requirements Contact Risk Management at (916) 774-5202

Supplier

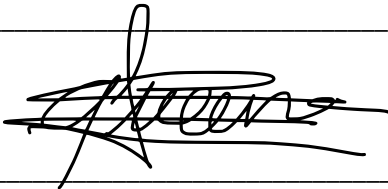
Signature: _____

Print Name: _____

Title: _____

Date: _____

Supplier



Signature: _____

Print Name: Olivier Queue

Title: Commercial Leader

Date: 03/04/2025

City of Roseville, A Municipal Corporation

Signature: _____

Print Name: **Dominick Casey**

Title: **City Manager**

Date: _____

Products and/or Services Terms and Conditions

NOTICE: Sale of any Products and/or Services is expressly conditioned on Buyer's assent to these Terms and Conditions. Any acceptance of Seller's offer is expressly limited to acceptance of these Terms and Conditions and Seller expressly objects to any additional or different terms proposed by Buyer. No facility entry form shall modify these Terms and Conditions even if signed by Seller's representative. Any order to perform work and Seller's performance of work shall constitute Buyer's assent to these Terms and Conditions. Unless otherwise specified in the quotation, Seller's quotation expires 30 days from its date and may be modified or withdrawn by Seller before receipt of Buyer's conforming acceptance.

1. Definitions

"Buyer" means the entity to which Seller is providing Products and/or Services under the Contract.

"Contract" means either the contract agreement signed by both parties, or the purchase order signed by Buyer and accepted by Seller in writing, for the sale of Products and/or Services, together with these Terms and Conditions, Seller's final quotation, the agreed scope(s) of work, and Seller's order acknowledgement. In the event of any conflict, the Terms and Conditions shall take precedence over other documents included in the Contract.

"Contract Price" means the agreed price stated in the Contract for the sale of Products and/or Services, including adjustments (if any) in accordance with the Contract.

"Derivative Works" means: (a) any work based upon one or more pre-existing works, such as a revision, enhancement, modification, translation, abridgement, condensation, expansion, extension or any other form in which such pre-existing works may be published, recast, transformed, or adapted, and that if prepared without the authorization of the owner of the copyright or other intellectual property right to such pre-existing works, would constitute an infringement of such copyright or other intellectual property right, and/or (b) any compilation that incorporates such pre-existing works.

"Hazardous Materials" means any toxic or hazardous substance, hazardous material, dangerous or hazardous waste, dangerous good, radioactive material, petroleum or petroleum-derived products or by-products, or any other chemical, substance, material or emission, that is regulated, listed or controlled pursuant to any national, state, provincial, or local law, statute, ordinance, directive, regulation or other legal requirement of the United States ("U.S.") or the country of the Site.

"Insolvent/Bankrupt" means that a party is insolvent, makes an assignment for the benefit of its creditors, has an administrator, receiver, liquidator or trustee appointed for it or any of its assets, or files or has filed against it a proceeding under any bankruptcy, insolvency dissolution or liquidation laws.

"Products" means the equipment, parts, materials, supplies, software, and other goods Seller has agreed to supply to Buyer under the Contract.

"Seller" means the entity providing Products or performing Services under the Contract.

"Services" means the services Seller has agreed to perform for Buyer under the Contract.

"Site" means the premises where Products are used or Services are performed, not including Seller's premises from which it performs Services.

"Terms and Conditions" means these "Products and/or Services Terms and Conditions", including any relevant addenda pursuant to Article 18, together with any modifications or additional provisions specifically stated in Seller's final quotation or specifically agreed upon by Seller in writing.

"USD" means United States Dollars.

2. Payment

2.1 Buyer shall pay Seller for the Products and/or Services by paying all invoiced amounts by direct bank transfer in the currency specified by Seller in the Contract, without deduction, withholding or set-off for any payment or claim, within thirty (30) days from the invoice date. If the Contract Price is less than two hundred fifty thousand USD (\$250,000), Seller shall issue invoices upon shipment of Products and as Services are performed. If the Contract Price is two hundred fifty thousand USD (\$250,000) or more, progress payments shall be invoiced starting with twenty-five percent

(25%) of the Contract Price for Products and/or Services upon the earlier of Contract signature or issuance of Seller's order acknowledgement and continuing such that the Contract Price for remaining Services is invoiced as they are performed and ninety percent (90%) of the Contract Price for Products is received before the earliest scheduled Product shipment ("Progress Payments"). For each calendar month, or fraction thereof, that payment is late, Buyer shall pay a late payment charge computed at the rate of one and one-half percent (1.5%) per month on the overdue balance, or the maximum rate permitted by law if it is less. If the price is set by the Contract in a currency other than USD, references to USD in this Section 2.1 shall mean the equivalent amount in the applicable currency. If the cost of materials and or labor to Seller performing its obligations under the Contract from the date of the proposed Contract Price until the date of delivery can be shown to have increased (when comparing applicable internationally recognized indices), then the Contract Price shall be adjusted to reflect such level of inflationary increase. The increase in the Contract Price will be calculated according to the direct impact of the indices and will be invoiced separately at the time of delivery.

2.2 As and if requested by Seller, Buyer shall at its expense establish and keep in force payment security in the form of an irrevocable, unconditional, sight letter of credit or bank guarantee allowing for pro-rata payments as Products are shipped and Services are performed, plus payment of cancellation and termination charges, and all other amounts due from Buyer under the Contract ("Payment Security"). The Payment Security shall be (a) in a form, and issued or confirmed by a bank acceptable to Seller, (b) payable at the counters of such acceptable bank or negotiating bank, (c) opened at least sixty (60) days prior to both the earliest scheduled shipment of Products and commencement of Services, and (d) remain in effect until the latest of ninety (90) days after the last scheduled Product shipment, completion of all Services and Seller's receipt of the final payment required under the Contract. Buyer shall, at its expense, increase the amount(s), extend the validity period(s) and make other appropriate modifications to any Payment Security within ten (10) days of Seller's notification that such adjustment is necessary in connection with Buyer's obligations under the Contract.

2.3 Seller is not required to commence or continue its performance unless and until any required Payment Security is received, operative and in effect and all applicable Progress Payments have been received. For each day of delay in receiving any Progress Payments or acceptable Payment Security, Seller shall be entitled to an equitable extension of time to durations or periods of time (if any) expressly agreed to by the Parties in the written schedule for performance and/or completion of the Services or any parts thereof. If at any time Seller reasonably determines that Buyer's financial condition or payment history does not justify continuation of Seller's performance, Seller shall be entitled to require full or partial payment in advance or otherwise restructure payments, request additional forms of Payment Security, suspend its performance or terminate the Contract.

3. Taxes and Duties

Seller shall be responsible for all corporate taxes measured by net income due to performance of or payment for work under this Contract ("Seller Taxes"). Buyer shall be responsible for all taxes, duties, fees, or other charges of any nature (including, but not limited to, consumption, gross receipts, import, property, sales, stamp, turnover, use, or value-added taxes, and all items of withholding, deficiency, penalty, addition to tax, interest, or assessment related thereto, imposed by any governmental authority on Buyer or Seller or its subcontractors) in relation to the Contract or the performance of or payment for work under the Contract other than Seller Taxes ("Buyer Taxes"). The Contract Price does not include the amount of any Buyer Taxes. If Buyer deducts or withholds Buyer Taxes, Buyer shall pay additional amounts so that Seller receives the full Contract Price without reduction for Buyer Taxes. Buyer shall provide to Seller, within one

month of payment, official receipts from the applicable governmental authority for deducted or withheld taxes.

4. Deliveries; Title Transfer; Risk of Loss; Storage

4.1 For shipments that do not involve export, including shipments from one European Union ("EU") country to another EU country, Seller shall deliver Products to Buyer FCA Seller's facility or warehouse (Incoterms 2020). For export shipments, Seller shall deliver Products to Buyer FCA Port of Export (Incoterms 2020). Buyer shall pay all delivery costs and charges or pay Seller's standard shipping charges plus up to twenty-five (25%) percent. Partial deliveries are permitted. Seller may deliver Products in advance of the delivery schedule. If Products delivered do not correspond in quantity, type or price to those itemized in the shipping invoice or documentation, Buyer shall so notify Seller within ten (10) days after receipt.

4.2 For shipments within the same country, title to Products shall pass to Buyer upon delivery in accordance with Section 4.1. For shipments from the U.S. to another country, title shall pass to Buyer immediately after each item departs from the territorial land, seas and overlying airspace of the U.S., except where the delivery terms are FCA, FAS, and FOB (Incoterms 2020), then title shall pass to Buyer immediately when each item is handed over to Buyer's appointed carrier at Seller's premises or other named delivery place in the U.S. The 1982 United Nations Convention of the law of the Sea shall apply to determine the U.S. territorial seas. Title to goods shipped from China, India or Mexico for delivery to a different country shall pass after such goods have crossed the territorial land, seas, exclusive economic zone or overlying airspace of such respective source countries, as applicable.

For shipments from the United Kingdom (UK) or European Union ("EU"), title to Products shall pass to Buyer the earlier of (i) the port of export immediately upon clearance of Products for export or (ii) immediately after each item departs from the territorial land, seas and overlying airspace of the sending country. For all other export shipments from a Seller facility or warehouse outside the U.S., title shall pass to Buyer upon delivery in accordance with Section 4.1. When Buyer arranges the export or intercommunity shipment, Buyer will provide Seller evidence of exportation or intercommunity shipment acceptable to the relevant tax and custom authorities. Where Seller is responsible for importing, or directly or indirectly reimburses Buyer for import costs, Buyer agrees to have import arranged through the agency of one of Seller's approved global customs brokers, whereby Seller will provide required support for instructions. If Buyer arranges for any import of Parts, Buyer may not use any third party vendor for providing customs clearance services until Seller has approved such party prior to shipment of the Parts. Notwithstanding the foregoing, Seller grants only a non-exclusive license, and does not pass title, for any software provided by Seller under this Contract, and title to any leased equipment remains with Seller.

4.3 Risk of loss shall pass to Buyer upon delivery pursuant to Section 4.1, except that for export shipments from the U.S., risk of loss shall transfer to Buyer upon title passage.

4.4 If any Products to be delivered under this Contract or if any Buyer equipment repaired at Seller's facilities cannot be shipped to or received by Buyer when ready due to any cause attributable to Buyer or its other contractors, Seller may ship the Products and equipment to a storage facility, including storage at the place of manufacture or repair, or to an agreed freight forwarder. If Seller places Products or equipment into storage, the following apply: (i) title and risk of loss immediately pass to Buyer, if they have not already passed, and delivery shall be deemed to have occurred; (ii) any amounts otherwise payable to Seller upon delivery or shipment shall be due; (iii) all expenses and charges incurred by Seller related to the storage shall be payable by Buyer upon submission of Seller's invoices; and (iv) when conditions permit and upon payment of all amounts due, Seller shall make Products and repaired equipment available to Buyer for delivery.

4.5 If repair Services are to be performed on Buyer's equipment at Seller's facility, Buyer shall be responsible for, and shall retain risk of loss of, such equipment at all times, except that Seller shall be responsible for damage to the equipment while at Seller's facility to the extent such damage is caused by Seller's negligence.

4.6 Except as otherwise expressly agreed to by the Parties in writing, acceptance of Products shall be deemed to occur upon delivery; acceptance of Services shall be deemed to occur upon performance of the Services. Acceptance shall not be delayed by delays in provision of documentation or other non-conformances which do not prevent operation of Buyer's equipment, nor by requirements which the Contract contemplates may be carried out after acceptance.

5. Warranty

5.1 Seller warrants that Products shall be delivered free from defects in material, workmanship and title and that Services shall be performed in a competent, diligent manner in accordance with any mutually agreed specifications incorporated into the Contract.

5.2 The warranty for Products shall expire one (1) year from first use or eighteen (18) months from delivery, whichever occurs first, except that software is warranted for ninety (90) days from delivery; and the warranty for Services shall expire one (1) year after performance of the Service, except that software-related Services are warranted for ninety (90) days from the performance of the Services (as applicable, the "Warranty Period").

5.3 If Products and/or Services do not meet the above warranties, Buyer shall promptly notify Seller in writing prior to expiration of the applicable Warranty Period. Seller shall (i) at its option, repair or replace defective Products and (ii) re-perform defective Services. If despite Seller's reasonable efforts, a non-conforming Product cannot be repaired or replaced, or non-conforming Services cannot be re-performed, Seller shall refund or credit monies paid by Buyer for such non-conforming Products and/or Services. Warranty repair, replacement or re-performance by Seller shall not extend or renew the applicable Warranty Period. Seller's warranty obligations exclude the repair or replacement of any damaged parts or Products other than the initially failing part which caused the damage. Buyer shall obtain Seller's agreement on the specifications of any tests it plans to conduct to determine whether a non-conformance exists.

5.4 Buyer shall bear the costs of access for Seller's remedial warranty efforts (including removal and replacement of systems, structures or other parts of Buyer's facility), de-installation, decontamination, re-installation and transportation of defective Products to Seller and back to Buyer.

5.5 The warranties and remedies are conditioned upon (a) proper storage, installation, use, operation, and maintenance of Products, (b) Buyer keeping accurate and complete records of operation and maintenance during the warranty period and providing Seller access to those records, and (c) modification or repair of Products and/or Services only as authorized by Seller in writing. Failure to meet any such conditions renders the warranty null and void. Seller is not responsible for normal wear and tear.

5.6 This Article 5 provides the exclusive remedies for all claims based upon the failure of or defect in Products or Services, whether the claim is based in contract, negligence, statute, or any tortious/extra-contractual liability theory, strict liability or otherwise. The foregoing warranties in this Article 5 are exclusive and are in lieu of all other warranties, conditions and guarantees whether written, oral, implied or statutory. NO IMPLIED OR STATUTORY WARRANTY, OR WARRANTY OR CONDITION OF MERCHANTABILITY, QUALITY OR FITNESS FOR A PARTICULAR PURPOSE APPLIES. FOR ALL CANADIAN CONTRACTS, THE SALE OF GOODS ACT, AS ENACTED BY EACH PROVINCE OF CANADA, SHALL NOT APPLY.

6. Confidentiality

6.1 Seller and Buyer (as to information disclosed, the "Disclosing Party") may each provide the other party (as to information received, the "Receiving Party") with Confidential Information in connection with this Contract. "Confidential Information" means information that is designated in writing as "confidential" or "proprietary" by Disclosing Party at the time of written disclosure. In addition, prices for Products and/or Services shall be considered Seller's Confidential Information.

6.2 Receiving Party agrees: (i) to use the Confidential Information only in connection with the Contract and use of Products and/or Services, (ii) to take reasonable measures to prevent disclosure of the Confidential Information to third parties, and (iii) not to disclose the Confidential Information to a competitor of Disclosing Party. Notwithstanding these restrictions, (a) Seller may disclose Confidential Information to its affiliates and subcontractors in connection with performance of the Contract, (b) a Receiving Party may disclose Confidential Information to its auditors, (c) Buyer may disclose Confidential Information to lenders as necessary for Buyer to secure or retain financing needed to perform its obligations under the Contract, and (d) a Receiving Party may disclose

Confidential Information to any other third party with the prior written permission of Disclosing Party, and in each case, only so long as the Receiving Party obtains a non-disclosure commitment from any such subcontractors, auditors, lenders or other permitted third party that prohibits disclosure of the Confidential Information and provided further that the Receiving Party remains responsible for any unauthorized use or disclosure of the Confidential Information. Receiving Party shall upon request return to Disclosing Party or destroy all copies of Confidential Information except to the extent that a specific provision of the Contract entitles Receiving Party to retain an item of Confidential Information. Seller may also retain one archive copy of Buyer's Confidential Information.

6.3 The obligations under this Article 6 shall not apply to any portion of the Confidential Information that: (i) is or becomes generally available to the public other than as a result of disclosure by Receiving Party, its representatives or its affiliates; (ii) is or becomes available to Receiving Party on a non-confidential basis from a source other than Disclosing Party when the source is not, to the best of Receiving Party's knowledge, subject to a confidentiality obligation to Disclosing Party; (iii) is independently developed by Receiving Party, its representatives or affiliates, without reference to the Confidential Information; (iv) is required to be disclosed by law or valid legal process provided that the Receiving Party intending to make disclosure in response to such requirements or process shall promptly notify the Disclosing Party in advance of such disclosure and reasonably cooperate in attempts to maintain the confidentiality of the Confidential Information.

6.4 Each Disclosing Party warrants that it has the right to disclose the information that it discloses. Neither Buyer nor Seller shall make any public announcement about the Contract without prior written approval of the other party. As to any individual item of Confidential Information, the restrictions under this Article 6 shall expire five (5) years after the date of disclosure. Trade secrets that are contained in or comprise Confidential Information are to be protected for the life of the trade secret. Article 6 does not supersede any separate confidentiality or nondisclosure agreement signed by the parties.

7. Intellectual Property

7.1 Seller shall defend and indemnify Buyer against any claim by a non-affiliated third party (a "Claim") alleging that Products and/or Services furnished under this Contract infringe a patent in effect in the U.S., an EU member state or the country of the Site (provided there is a corresponding patent issued by the U.S. or an EU member state), or any copyright or trademark registered in the country of the Site, provided that Buyer (a) promptly notifies Seller in writing of the Claim, (b) makes no admission of liability and does not take any position adverse to Seller, (c) gives Seller sole authority to control defense and settlement of the Claim, and (d) provides Seller with full disclosure and reasonable assistance as required to defend the Claim.

7.2 Section 7.1 shall not apply and Seller shall have no obligation or liability with respect to any Claim based upon (a) Products and/or Services that have been modified, or revised, (b) the combination of any Products and/or Services with other products and/or services when such combination is a basis of the alleged infringement, (c) failure of Buyer to implement any update provided by Seller that would have prevented the Claim, (d) unauthorized use of Products and/or Services, or (e) Products and/or Services made or performed to Buyer's specifications.

7.3 Should any Product and/or Service, or any portion thereof, become the subject of a Claim, Seller may at its option (a) procure for Buyer the right to continue using the Product and/or Service, or applicable portion thereof, (b) modify or replace it in whole or in part to make it non-infringing, or (c) failing (a) or (b), take back infringing Products and/or discontinue infringing Services and refund the price received by Seller attributable to the infringing Products and/or Services.

7.4 Article 7 states Seller's exclusive liability for intellectual property infringement by Products and/or Services.

7.5 Each party shall retain ownership of all Confidential Information and intellectual property it had prior to the Contract. All rights in and to software not expressly granted to Buyer are reserved by Seller. All new intellectual property conceived or created by Seller in the performance of this Contract, whether alone or with any contribution from Buyer, shall be

owned exclusively by Seller. Buyer agrees to deliver assignment documentation as necessary to achieve that result.

7.6 Buyer will not itself, and will not allow any party (including Buyer Affiliates) to: (i) reverse engineer Products or Services (including any Seller monitoring or data analysis by Seller), (ii) prepare Derivative Works from, alter, modify, disassemble, reverse engineer, reverse assemble, de-compile, or otherwise attempt to reconstruct, discover or derive the object or source code of any software licensed to Buyer by Seller under this Contract (including any third party software); (iii) permit or otherwise grant any third-party access to Products, Services or software for such purpose, even if such third party is performing any corrections, bug fixes and updates.

7.7 Products furnished by Seller under this Contract shall not be installed, used, or made available for use in any equipment other than the equipment specified in the Contract at Buyer's Site. Buyer warrants that such equipment, and the Site, is under its ownership and control, and agrees to inform Seller forthwith should this cease to be the case at any time before expiry of the Warranty Period.

8. Indemnity

Each of Buyer and Seller (as an "Indemnifying Party") shall indemnify the other party (as an "Indemnified Party") from and against claims brought by a third party, on account of personal injury or damage to the third party's tangible property, to the extent caused by the negligence of the Indemnifying Party in connection with this Contract. In the event the injury or damage is caused by joint or concurrent negligence of Buyer and Seller, the loss or expense shall be borne by each party in proportion to its degree of negligence. For purposes of Seller's indemnity obligation, no part of the Products or Site is considered third party property.

9. Insurance

During the term of the Contract, Seller shall maintain for its protection the following insurance coverage: (i) Worker's Compensation, Employer's Liability and other statutory insurance required by law with respect to work related injuries or disease of employees of Seller in such form(s) and amount(s) as required by applicable laws; (ii) Automobile Liability insurance with a combined single limit of \$2,500,000.00; and (iii) Commercial General Liability or Public Liability insurance for bodily injury and property damage with a combined single limit of \$2,500,000.00. If required in the Contract, Seller shall provide a certificate of insurance reflecting such coverage.

10. Schedule and Excusable Events

10.1 Any durations or periods of time quoted on the schedule or otherwise agreed for delivery of Products shall be regarded as estimated only. In addition, delivery times are dependent upon prompt receipt by Seller of all information necessary to proceed with the work without interruption. If Seller agrees in writing to guaranteed delivery and/or completion times and specific sums as liquidated damages for late delivery or completion, any such liability for damages shall only commence when the period of delay (i) exceeds the guaranteed date or time by fourteen (14) calendar days and liquidated damages may be applied and be levied only from that fourteenth (14th) day onwards and (ii) directly inhibits Buyer's scheduled electric power and other process generation. Payment of liquidated damages shall be in full and final settlement of any and all liability of the Seller for delays under the Contract and shall be Buyer's sole and exclusive remedy for failing to achieve the delivery and/or completion guarantee. The Seller's maximum aggregate liability for liquidated damages for delay shall in no circumstances exceed five percent (5%) of the total amount of the Contract Price paid to the Seller.

10.2 Seller shall not be liable and shall not be considered in breach of any obligations to supply manpower, deliver Products or to execute, deliver or complete the Services or any parts thereof within specified durations or periods or by a specified time if it is delayed or prevented, directly or indirectly, by any cause beyond its reasonable control, or by armed conflict, acts or threats of terrorism, epidemics, pandemics (including COVID and any variants), quarantines, strikes or other labor disturbances, or acts or omissions of any governmental authority (including, but not limited to, changes in applicable laws or regulations) or of the Buyer or Buyer's contractors or suppliers, or for any period of suspension under Section 11.3 (whether existing, foreseen or unforeseen). If any such cause or excusable event occurs, Seller's impacted schedule shall be adjusted accordingly and dates or times stated in that schedule as may be needed to overcome the effect of the event. Seller shall also be entitled

to an equitable adjustment of the price to compensate for all increases in Seller's cost of the execution of the Services or delivery of Products due to such cause or excusable event, subject to Seller's obligations to work in good faith with Buyer to mitigate the impact of such event(s). If acts or omissions of the Buyer or its contractors or suppliers cause the delay, Seller shall also be entitled to an equitable price adjustment.

11. Termination and Suspension

11.1 Buyer may terminate the Contract (or the portion affected) for cause if Seller (i) becomes Insolvent/Bankrupt, or (ii) commits a material breach of the Contract which does not otherwise have a specified contractual remedy, provided that: (a) Buyer shall first provide Seller with detailed written notice of the breach and of Buyer's intention to terminate the Contract, and (b) Seller shall have failed, within 30 days after receipt of the notice, to commence and diligently pursue cure of the breach.

11.2 If Buyer terminates the Contract pursuant to Section 11.1, (i) Seller shall reimburse Buyer the difference between that portion of the Contract Price allocable to the terminated scope and the actual amounts reasonably incurred by Buyer to complete that scope, and (ii) Buyer shall pay to Seller (a) the portion of the Contract Price allocable to Products and/or Services completed, (b) lease fees incurred, and (c) amounts for Services performed before the effective date of termination. The amount due for Services shall be determined in accordance with the milestone schedule (for completed milestones) and rates set forth in the Contract (for work toward milestones not yet achieved and where there is no milestone schedule), as applicable or, where there are no milestones and/or rates in the Contract, at Seller's then-current standard time and material rates.

11.3 Seller may suspend or terminate the Contract (or any affected portion thereof) immediately for cause if Buyer (i) becomes Insolvent/Bankrupt, or (ii) materially breaches the Contract, including, but not limited to, failure or delay in Buyer providing Payment Security, making any payment when due, or fulfilling any payment conditions.

11.4 If the Contract (or any portion thereof) is terminated for any reason other than Seller's default under Section 11.1, Buyer shall pay Seller for all Products completed, lease fees incurred and Services performed before the effective date of termination, plus expenses reasonably incurred by Seller in connection with the termination. The amount due for Services shall be determined in accordance with the milestone schedule (for completed milestones) and rates set forth in the Contract (for work toward milestones not yet achieved and where there is no milestone schedule), as applicable or, where there are no milestones and/or rates in the Contract, at Seller's then-current standard time and material rates. All work in progress shall be paid for at Seller's standard time and material rates. In addition, Buyer shall pay Seller a cancellation charge equal to eighty (80%) of the Contract Price applicable to uncompleted made-to-order Products and/or Services and fifteen (15%) of the Contract Price applicable to all other uncompleted Products and/or Services.

11.5 Either Buyer or Seller may terminate the Contract (or the portion affected) upon twenty (20) days advance notice if there is an excusable event (as described in Article 10) lasting longer than one hundred and twenty (120) days or if it is not possible to avoid or mitigate such excusable event without unreasonable burden through an adjustment in schedule, price and other provisions of the Contract within such one hundred and twenty (120) days. In such case, Buyer shall pay to Seller amounts payable under Section 11.4, excluding the cancellation charge for uncompleted Products and/or Services.

11.6 Buyer shall pay all reasonable expenses incurred by Seller in connection with a suspension, including, but not limited to, expenses for repossession, fee collection, demobilization/remobilization, and costs of storage during suspension. The schedule for Seller's obligations shall be extended for a period of time reasonably necessary to overcome the effects of any suspension.

12. Compliance with Laws, Codes and Standards

12.1 Seller shall comply with laws applicable to the manufacture of Products and its performance of Services. Buyer shall comply with laws applicable to the application, operation, use and disposal of the Products and Services.

12.2 Seller's obligations are conditioned upon Buyer's compliance with all U.S., EU, United Kingdom (UK), Switzerland (CH) and other applicable trade control laws and regulations. Buyer shall not transship, re-export, divert or otherwise make or allow any disposition of goods, to any country other than trans-ship, re-export, divert or direct or otherwise make or allow any disposition of US, UK, EU, and CH origin Products or goods, Software, third-party software or other material or technical data, or the direct product thereof, supplied by Seller under this Agreement other than in and to the ultimate country of destination Buyer facility that Buyer declared and which is specified as the country of ultimate destination on Seller's invoice. A material violation of this Section 12.2 by Buyer, including the obligation not to re-export, is a material breach pursuant to Section 11.1.

12.3 Buyer hereby certifies that the equipment, materials, services, technical data, software or other information or assistance furnished by Seller under this Contract will not be used in the design, development, production, stockpiling or use of chemical, biological, or nuclear weapons. Changes in applicable trade control laws and regulations shall be subject to Section 10.2.

12.4 Notwithstanding any other provision, Buyer shall timely obtain, effectuate and maintain in force any required permit, license, exemption, filing, registration and other authorization, including, but not limited to, building and environmental permits, import licenses, environmental impact assessments, and foreign exchange authorizations, required for the lawful performance of Services at the Site or fulfillment of Buyer's obligations, except that Seller shall obtain any license or registration necessary for Seller to generally conduct business and visas or work permits, if any, necessary for Seller's personnel. Buyer shall provide reasonable assistance to Seller in obtaining such visas and work permits.

13. Environmental, Health and Safety Matters

13.1 Buyer shall maintain safe working conditions at the Site, including, without limitation, implementing appropriate procedures regarding Hazardous Materials, confined space entry, and energization and de-energization of power systems (electrical, mechanical and hydraulic) using safe and effective lock-out/tag-out ("LOTO") procedures including physical LOTO or a mutually agreed upon alternative method.

13.2 Buyer shall timely advise Seller in writing of all applicable Site-specific health, safety, security and environmental requirements and procedures. Without limiting Buyer's responsibilities under Article 13, Seller has the right but not the obligation to, from time to time, review and inspect applicable health, safety, security and environmental documentation, procedures and conditions at the Site.

13.3 If, in Seller's reasonable opinion, the health, safety, or security of personnel or the Site is, or is apt to be, imperiled by security risks, terrorist acts or threats, the presence of or threat of exposure to Hazardous Materials, or unsafe working conditions, Seller may, in addition to other rights or remedies available to it, evacuate some or all of its personnel from Site, suspend performance of all or any part of the Contract, and/or remotely perform or supervise work. Any such occurrence shall be considered an excusable event. Buyer shall reasonably assist in any such evacuation.

13.4 Operation of Buyer's equipment is the responsibility of Buyer. Buyer shall not require or permit Seller's personnel to operate Buyer's equipment at Site.

13.5 Buyer will make its Site medical facilities and resources available to Seller personnel who need medical attention.

13.6 Seller has no responsibility or liability for the pre-existing condition of Buyer's equipment or the Site. Prior to Seller starting any work at Site, Buyer will provide documentation that identifies the presence and condition of any Hazardous Materials existing in or about Buyer's equipment or the Site that Seller may encounter while performing under this Contract. Buyer shall disclose to Seller industrial hygiene and environmental monitoring data regarding conditions that may affect Seller's work or personnel at the Site. Buyer shall keep Seller informed of changes in any such conditions.

13.7 Seller shall notify Buyer if Seller becomes aware of: (i) conditions at the Site differing materially from those disclosed by Buyer, or (ii) previously unknown physical conditions at Site differing materially from those ordinarily encountered and generally recognized as inherent in work of the character provided for in the Contract. If any such conditions cause an increase in Seller's cost of, or the time required for, performance of any part of the work under the Contract, an equitable adjustment in price and schedule shall be made.

13.8 If Seller encounters Hazardous Materials in Buyer's equipment or at the Site that require special handling or disposal, Seller is not obligated to continue work

affected by the hazardous conditions. In such an event, Buyer shall eliminate the hazardous conditions in accordance with applicable laws and regulations so that Seller's work under the Contract may safely proceed, and Seller shall be entitled to an equitable adjustment of the price and schedule to compensate for any increase in Seller's cost of, or time required for, performance of any part of the work. Buyer shall properly store, transport and dispose of all Hazardous Materials introduced, produced or generated in the course of Seller's work at the Site.

13.9 Buyer shall indemnify Seller for any and all claims, damages, losses, and expenses arising out of or relating to any Hazardous Materials which are or were (i) present in or about Buyer's equipment or the Site prior to the commencement of Seller's work, (ii) improperly handled or disposed of by Buyer or Buyer's employees, agents, contractors or subcontractors, or (iii) brought, generated, produced or released on Site by parties other than Seller.

14. Changes

14.1 Each party may propose changes in the schedule or scope of Products and/or Services. Parties shall mutually agree on potential changes into the schedule or scope of a planned outage start date at least one hundred eighty (180) days before such start date to enable Seller's ability to fulfill the request. Seller is not obligated to proceed with any change until both parties agree upon such change in writing. The written change documentation will describe the changes in scope and schedule, and the resulting changes in price and other provisions, as agreed.

14.2 The scope, Contract Price, schedule, and other provisions will be equitably adjusted to reflect additional costs or obligations incurred by Seller resulting from a change, after Seller's proposal date, in Buyer's Site-specific requirements or procedures, or in industry specifications, codes, standards, applicable laws or regulations. Unless otherwise agreed by the parties, pricing for additional work arising from such changes shall be at Seller's time and material rates.

14.3 It shall be acceptable and not considered a change if Seller delivers a Product that bears a different, superseding or new part or version number compared to the part or version number listed in the Contract.

15. Limitations of Liability

15.1 To the maximum extent permitted by applicable law, the total liability of Seller for all claims arising from or related to the formation, performance or breach of this Contract, or provision of any Products and/or Services, shall not exceed the (i) Contract Price, or (ii) if Buyer places multiple order(s) under the Contract, the price of each particular order for all claims arising from or related to that order and ten thousand USD (US \$10,000) for all claims not part of any particular order.

15.2 Seller shall not be liable for loss of profit or revenues, loss of use of equipment or systems, interruption of business, cost of replacement power, cost of capital, downtime costs, increased operating costs, any special, consequential, incidental, indirect, or punitive damages, or claims of Buyer's customers for any of the foregoing types of damages, or for any cost, loss or liability Buyer may suffer under any agreement by which it sells or transmits electricity to its customer(s) or third parties.

15.3 All Seller liability shall end upon expiration of the applicable warranty period, provided that Buyer may continue to enforce a claim for which it has given notice prior to that date by commencing an action or arbitration, as applicable under this Contract, before expiration of any statute of limitations or other legal time limitation but in no event later than one year after expiration of such warranty period.

15.4 Seller shall not be liable for advice or assistance that is not required for the work scope under this Contract.

15.5 Buyer will not supply Products and/or Services to any third party, or use Products and/or Services other than at the Site owned by Buyer. In case of non-compliance, Buyer shall (i) indemnify and defend Seller from and against any and all claims by, and liability to, any third party to whom Products and/or Services are supplied, and (ii) require that the third party agree, for the benefit of and enforceable by Seller, to be bound by the provisions of Article 7 and all the limitations included in this Article 15.

15.6 For purposes of this Article 15, the term "Seller" means Seller, its affiliates, subcontractors and suppliers of any tier, and their respective employees. The limitations in this Article 15 shall apply regardless of

whether a claim is based in contract, negligence, statute, indemnity, tortious/extra-contractual liability theory, strict liability or otherwise.

16. Governing Law and Dispute Resolution

16.1 This Contract shall be governed by and construed in accordance with the laws of (i) the State of New York if Buyer's place of business is in the U.S. or (ii) England and Wales, if the Buyer's place of business is outside the U.S., in either case without giving effect to any choice of law rules that would cause the application of laws of any other jurisdiction (the "Governing Law"). If the Contract includes the sale of Products and Buyer is outside Seller's country, the United Nations Convention on Contracts for the International Sale of Goods drawn up in Vienna on 11 April 1980 (Vienna Convention on the Sale of Goods) should be excluded.

16.2 All disputes and, to the maximum extent permitted by applicable law, all non-contractual obligations arising in any way whatsoever out of or in connection with this Contract arising in connection with this Contract, including any question regarding its existence or validity, shall be resolved in accordance with this Article 16. If a dispute is not resolved by negotiations, either party may, by giving written notice, refer the dispute to a meeting of appropriate higher management, to be held within twenty (20) business days after the giving of notice. If the dispute is not resolved within thirty (30) business days after the giving of notice, or such later date as may be mutually agreed, either party may commence arbitration or court proceedings, depending upon the location of the Buyer, in accordance with one of the following:

(a) if the Buyer's pertinent place of business is in the U.S., legal action shall be commenced in federal court with jurisdiction applicable to, or state court located in, either New York, New York (and Buyer hereby consents to be subject to such New York federal and state jurisdiction); or

(b) if the Buyer's pertinent place of business is outside the U.S., the dispute shall be submitted to and finally resolved under the Rules of Arbitration of the International Chamber of Commerce by one or more arbitrators appointed in accordance with the said Rules (the "Rules"). The seat of arbitration shall be in London, England. The arbitration shall be conducted in English. The decision of the arbitrators shall be final and binding upon the parties.

16.3 Notwithstanding the foregoing, each party shall have the right at any time, at its option and where legally available, to commence an action or proceeding in a court of competent jurisdiction, subject to the terms of this Contract, to seek a restraining order, injunction, or similar order (but not monetary damages), or to seek interim or conservatory measures.

17. Inspection and Factory Tests

Seller will apply its normal quality control procedures in manufacturing Products. Seller shall attempt to accommodate requests by Buyer to witness Seller's factory tests of Products, subject to appropriate access restrictions, if such witnessing can be arranged without delaying the work.

18. Software, Leased Equipment, Remote Diagnostic Services

If Seller provides any software to Buyer, the Software License Addendum shall apply. If Seller leases any of Seller's equipment or provides related Services to Buyer, including placing Seller's equipment at Buyer's site to provide remote Services, the terms of the lease shall be governed by a separate Lease Agreement mutually agreed to between the parties. If Seller provides remote diagnostic services to Buyer, the Remote Diagnostic Services Addendum shall apply. If there is any conflict between these Products and/or Services Terms and Conditions" and the terms of any addendum incorporated pursuant to this Article 18, the terms of the addendum shall take precedence with respect to the applicable scope.

19. General Clauses

19.1 Products and Services sold by Seller are not intended, in whole or in part, for application (and will not be used) in connection with or nearby any nuclear facility or activity, and Buyer warrants that it shall not use or permit others to use Products and/or Services for any such purposes, without the advance written consent of Seller. IF, IN BREACH OF THE FOREGOING, ANY SUCH USE OCCURS, SELLER, ITS AFFILIATES, SUPPLIERS, AND SUBCONTRACTORS, SHALL HAVE NO LIABILITY FOR ANY NUCLEAR OR OTHER DAMAGE, INJURY OR CONTAMINATION, AND BUYER SHALL INDEMNIFY SELLER, ITS AFFILIATES, SUPPLIERS, AND SUBCONTRACTORS OF EVERY TYPE AND TIER AGAINST ANY SUCH LIABILITY, WHETHER ARISING AS A RESULT OF BREACH OF CONTRACT, WARRANTY,

INDEMNITY, TORT/EXTRACONTRACTUAL LIABILITY (INCLUDING NEGLIGENCE), STRICT LIABILITY OR OTHERWISE.

19.2 Seller may assign or novate its rights and obligations under the Contract, in whole or in part, to any of its affiliates or may assign any of its accounts receivable under this Contract to any party without Buyer's consent. Buyer agrees to execute any documents that may be necessary to complete Seller's assignment or novation. Seller may subcontract portions of the work, so long as Seller remains responsible for it. The delegation or assignment by Buyer of any or all of its rights or obligations under the Contract without Seller's prior written consent (which consent shall not be unreasonably withheld) shall be void.

19.3 Buyer shall notify Seller immediately upon any change in ownership of more than fifty percent (50%) of Buyer's voting rights or of any controlling interest in Buyer. If Buyer fails to do so or Seller objects to the change, Seller may (a) terminate the Contract, (b) require Buyer to provide adequate assurance of performance (including but not limited to payment), and/or (c) put in place special controls regarding Seller's Confidential Information.

19.4 If any Contract provision is found to be void or unenforceable, the remainder of the Contract shall not be affected. The parties will endeavor to replace any such void or unenforceable provision with a new provision that achieves substantially the same practical and economic effect and is valid and enforceable.

19.5 The following Articles shall survive termination or cancellation of the Contract: 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 15, 16, 18, 19 and 20.

19.6 The Contract represents the entire agreement between the parties. No oral or written representation or warranty not contained in this Contract shall be binding on either party. Buyer's and Seller's rights, remedies and obligations arising from or related to Products and/or Services sold under this Contract are limited to the rights, remedies and obligations stated in this Contract. No modification, amendment, rescission or waiver shall be binding on either party unless agreed in writing.

19.7 Except as provided in Article 15 (Limitations of Liability), this Contract is only for the benefit of the parties and not for any third parties.

19.8 This Contract may be signed in multiple counterparts that together shall constitute one agreement.

20. U.S. Government Contracts

20.1 This Article 20 applies only if the Contract is for the direct or indirect sale to any agency of the U.S. government and/or is funded in whole or in part by any agency of the U.S. government.

20.2 Buyer agrees that all Products and/or Services provided by Seller meet the definition of "commercial-off-the-shelf" ("COTS") or "commercial item" as those terms are defined in Federal Acquisition Regulation ("FAR") 2.101. To the extent the Buy American Act, Trade Agreements Act, or other domestic preference requirements are applicable to this Contract, the country of origin of Products is unknown unless otherwise specifically stated by Seller in this Contract. Buyer agrees any Services offered by Seller are exempt from the Service Contract Act of 1965 (FAR 52.222-41). Buyer represents and agrees that this Contract is not funded in whole or in part by the U.S. Inflation Reduction Act funds unless otherwise specifically stated in the Contract. The version of any applicable FAR clause listed in this Article 20 shall be the one in effect on the effective date of this Contract.

20.3 If Buyer is an agency of the U.S. Government, then as permitted by FAR 12.302, Buyer agrees that all paragraphs of FAR 52.212-4 (except those listed in 12.302(b)) are replaced with these Terms and Conditions. Buyer further agrees the subparagraphs of FAR 52.212-5 apply only to the extent applicable for sale of COTS and/or commercial items and as appropriate for the Contract Price.

20.4 If Buyer is procuring the Products and/or Services as a contractor, or subcontractor at any tier, on behalf of any agency of the U.S. Government, then Buyer agrees that FAR 52.212-5(e) or 52.244-6 (whichever is applicable) applies only to the extent applicable for sale of COTS and/or commercial items and as appropriate for the Contract Price.

GE Vernova

2xTM2500 Evaporative Cooler Installation GE Proposal #1681359 R2

From: GE Vernova Operations, LLC

**To: Roseville Electric Utility
Roseville Energy Park, Roseville, CA**

January 24, 2025



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Export License Exception TSU Applies



Jim Canon

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January 24, 2025

Oscar Plasencia, P.E.
Power Plant Engineer
Roseville Electric Utility
5120 Phillip Road
Roseville, CA 95747

Subject: Evaporative Cooler Upgrade for 2xTM2500
Installation Advisory Service and RX3i Software Modifications

Dear Oscar,

GE Vernova Operations, LLC is pleased to provide this revised proposal to the Roseville Electric Utility to supply RX3i software modifications and Technical Advisory Services for the installation of the Evaporative Cooler upgrades for the two TM2500's at your Roseville Energy Park site in Roseville, California.

This proposal now includes TA advisory services for the duration of the installation. Further, we have included the software modifications their installation that are required to integrate the evaporative cooler logic into the existing RX3i control system. This proposal revision corrects a math-error in the R1 proposal and clarifies order or precedence in the Terms & Conditions. The balance of the proposal remains unchanged from the R1 version.

Per our discussions, the proposal no hardware, software, or engineering for the upgrade beyond the RX3i modifications are included in this proposal, as that scope has been previously purchased by the utility.

We trust that you will find our proposal meets your requirements and look forward to working with you further on this project. If you have any questions regarding this offering in the interim, please do not hesitate to contact us.

Kind Regards,

A handwritten signature in black ink, appearing to read 'Jim Canon', with a stylized flourish at the end.

Jim Canon
GE Power – Aero Services Sales Manager



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PRICING & COMMERCIAL SUMMARY

Pricing Summary

This proposal includes software modifications to the RX3i controls system to integrate the evaporative coolers and all Technical Advisory Services. TA Services are quoted on a Time & Material basis as further described in this proposal under "Field Service Basis & Terms" in the Commercial Terms section of this proposal. Hardware, Software, and Engineering for the Evaporative Cooler modules have been purchased under GE Proposal #1662172 R1 / Roseville P.O. #9018507.

Item	Quote	Description	2025 Price
1	Firm	RX3i Software Modifications All required hardware, software, licenses, etc.	\$125,132.00
2	T&M Est.	Technical Advisory Services – T&M Estimate Technical Direction, commissioning & start-up - Includes one (1) vendor representative for twenty-six (26)-10hr days on-site, allowance for four (4) off Sundays, T&L, and Report - Includes one (1) GE representative for six (6) days on-site to perform RX3i software modifications, including T&L	\$161,392.40
Price (Total in U.S. Dollars)			\$286,524.40

Commercial Summary

Price Basis	Prices based on 2025 Delivery		
Transport Costs	Invoiced Separately		
Incoterms	FCA Sellers Facility		
Title Transfer	When available at factory		
Lead Time	8 Weeks* after PO Acceptance		
Terms & Conditions	GE Products and/or Services Terms and Conditions, PSTC (Emma) October 2022		
Payment Schedule	40% of Item 1	Due upon P.O. Acceptance	
	60% of Item 1	Due upon completion of TA Services**	
	100% of Item 2	Due upon completion of TA Services**	

All invoices are due Net 30 days from date of invoice.

* NOTE: Seller agrees to advance release the RX3i software modifications portion of the project upon receipt of a Letter of Intent from the Buyer to ensure an April 2025 execution.

**NOTE: Completion of TA Services is defined as material completion of the installation of GE Scope of supplied equipment under this purchase order. It does not imply the absence of any punch list or warranty items.



DESCRIPTION OF OFFERING

Applicable Units

- Buyer name: Roseville Electric Utility
- Site Location: Roseville Energy Park
- Engine Model: TM2500
- Engine S/N: 679341, 679344
- Packager: Aero
- Control system: GE RX3i
- Fuel system: Natural Gas
- NOx abatement: Water

Technical Advisory Work Scope – Evaporative Coolers

Seller's representative will perform general advisory services and a review and check of the Buyer-completed installation. The technical advisor will work in an advisory capacity only and shall not perform any installation or Project management activities (If identified as part of the technical advisory service)

The Seller has assumed that the following work is to be performed by the customer with the Seller advising as appropriate:

- Complete unit installation (filter houses, evap system, media installed, all piping and electrical run).
- Installation of the evap water supply/drain lines (with U traps in the discharge).
- Evaporative cooler media installation. Seller will review and check for cleanliness.
- Power supply to the cooler skids and instrumentation, including addressing all issues with power / wiring.

Seller has also assumed:

- Seller will provide Water quality is satisfactory and approved by Buyer. Conductivity meters will be used with factory calibration.
- Water quality is satisfactory and approved by Buyer. Conductivity meters will be used with factory calibration.
- Seller will provide installation drawings and the IOM that details the installation for the Buyer's use.
- Seller does not include TA services for the following scopes. It is assumed that the Buyer's contractor will be capable of installing these items:
 - Quick disconnect interconnect cables from the new Evap Cooler skid junction box to Control House trailer and Turbine Control Panel (TCP).
 - MCC bucket kit for the new motor
 - Miscellaneous relays to be installed in the TCP.



The scope includes one (1) representative for 26-10-hour days on-site, with allowance for 4 off Sundays, T&L, and Report.

RX3i Software Modifications

Seller will supply and install additional engineering & miscellaneous hardware required to integrate the evaporative cooler logic into the RX3i controls system. The Buyer is to provide the as-running TM2500 software. Note that this scope does not include modifications to the BOP remote HMI.



COMMERCIAL TERMS

Terms & Conditions

This proposal is offered in accordance with GE's standard Products and/or Services Terms and Conditions, PSTC (Emma) October 2022. Please see Attachment 1. In the event of any conflict between this GE proposal #1681359 R2 and the GE Terms & Conditions, the terms and conditions of the proposal shall take precedence.

Field Service Basis and Terms

Technical Advisory Services will be performed on a Time & Material basis. The evaporative cooler installation is estimated at twenty-six (26) 10-hour days on-site, plus travel time, T&L and an allowance for four Sundays off. The RX3i software modifications are estimated at three (3) days on-site per unit, plus travel time and T&L charges. The scope of work may be subcontracted to a GE Authorized 3rd Party. Third-party services will be invoiced at Vendor Invoice Plus 20%. GE Field Core TA Services will be invoiced using standard Seller's Field Service Rates at the time of work, less a labor discount of 20%. Airfare and rental cars will be invoiced at Vendor Invoice Plus 10%. Seller's standard rates for 2024 are included in Addendum 2. This proposal assumes One (1) ten (10) hour shift a day includes eight (8) hours of Straight Time and two (2) hours of Overtime Monday through Friday, Ten (10) hours of Overtime on Saturday and Ten (10) hours of double time on Sunday.

Technical Assumptions and Exclusions

The following technical assumptions and/or exclusions apply to the quoted price:

- All local, regional, or special permits (environmental, construction, installation) or certifications for local or regional codes are excluded from the Scope of this proposal.
- Seller assumes the Buyer will supply consumables (fuel, site power, water, and compressed air) and hand tools as needed to support the installation and commissioning, which may include multiple startups for troubleshooting.
- Seller assumes the Buyer will supply rental tools including forklifts and craning if necessary.
- No modification to any third-party equipment is included in the Seller's scope in this proposal, including modifications to the Buyer's existing DCS for Modbus communication and interface with the package control system.

Compliance

Compliance and certifications are within current Seller's design practices and standards. The price presented here does not include compliance with any state or local codes unless expressly defined by Buyer prior to sale.

**Changes**

- The Price shall be adjusted as necessary to take account of (a) Change Orders, or (b) other adjustments specifically provided for in this Proposal.
- Changes to specifications, drawings, services or hardware will be evaluated by Seller for a Change in Scope to the Proposal. Seller will quote the changes and a Buyer Change Order must be received before work is to proceed.
- Storage Costs, additional travel, delays at work, unit restart delays and overtime work out of scope of the project will be considered additional work and will be charged according to Seller's published rates at time of execution and in lieu of any pre-existing agreement.

Delivery, Title Transfer & Risk of Loss**Delivery of Parts**

- Seller shall deliver new parts or equipment to Buyer FCA Seller's facility, Seller's place of manufacture or warehouse (Incoterms 2020)
- Transportation Costs will be invoiced separately.
- Partial deliveries by the Seller will be permitted.
- Seller may deliver all or any of the parts or equipment in advance of the delivery schedule.

Title Transfer and Risk of Loss

- Title to Parts shipped from within the country of where the Part will be installed shall pass to Buyer when made available for shipment from the manufacturer's factory or the storage facility utilized by the Seller.
- Title to services shall pass to Buyer as performed.
- Risk of Loss shall pass to Buyer upon the later of passage of title or delivery as defined above (Incoterms 2020)

PURCHASE ORDER INSTRUCTIONS

If this proposal meets your requirements, please issue the purchase order to the following address, and reference the Proposal Number **1681359 R2** in the body of the purchase order.

GE Vernova Operations, LLC
16415 Jacintoport Blvd
Houston, TX 77015
Attn: Jim Canon

Email: james.canon@ge.com

ADDENDUM 1 SCOPE OF RESPONSIBILITY

BUYER		B							
GE - CMU ENGINEERING / FIELD SERVICE		GE							
Scope Description	Design	Material Supply	Drawings	Labor supporting Installation / Removal			Supervision during Installation / Removal	Controls	Testing and Commissioning / Start Up
				Electrical & Electrical Interconnects	Mechanical Piping & Interconnects	Any Civil / Structural work			
Material									
EVAP Cooler Modules & related hardware	GE	GE	GE	B	B	B	GE	GE	GE
Pump Skid	GE	GE	GE	B	B	B	GE	GE	GE
Expansion joint	GE	GE	GE	B	B	B	GE	GE	GE
Misc Electrical hardware	GE	GE	GE	B	B	B	GE	GE	GE
Interconnect Piping and wiring to skid	GE	B	GE	B	B	N/A	GE	GE	GE
Controls									
EVAP Cooler Software Integration	GE	N/A	N/A	N/A	N/A	N/A	N/A	GE	GE
HMI screen implementation	GE	N/A	N/A	N/A	N/A	N/A	N/A	GE	GE
Field Service									
TD services for mechanical installation	GE	GE	GE	N/A	N/A	N/A	GE	N/A	GE
Controls integration on-site	GE	GE	GE	N/A	N/A	N/A	GE	GE	GE
Commissioning & Start up	GE	N/A	N/A	N/A	N/A	N/A	GE	GE	GE
Site Prep & Mechanical Erection									
Foundation preparation	GE	B	GE	B	B	B	GE	N/A	GE
Install Evap modules onto the filter house	GE	GE	GE	B	B	B	GE	GE	GE
Install Pump skid and interconnect piping	GE	GE	GE	B	B	B	GE	GE	GE
Pump Motor MCC	GE	GE	GE	B	N/A	N/A	GE	GE	GE
GE*** -- Seller to provide general support of assigned scope task, but will not assume complete responsibility or liability of completion of task									



ADDENDUM 2 SELLER’S STANDARD FIELD SERVICE RATE SHEET (2024)

STANDARD RATE SHEET

GLOBAL FIELD SERVICES FOR AERODERIVATIVE GAS TURBINES

GE Vernova’s global services network is designed to anticipate and respond to our customer’s needs throughout the life cycle of GE Vernova’s LM* engines and packages. GE Vernova’s worldwide services team supplies the highest quality parts, tools and technical support which is closely tied to our service engineering teams. This may result in higher availability and lower costs for you, our customer. Please contact your service manager for any of your service needs, 24 hours a day, 7 days a week.

Offerings

GE Vernova’s global services network is dedicated to responding to your needs in an expedient manner. Our field service offerings help decrease your downtime and provide a lower cost operation by providing full technical coverage for your engine and package. Our services include but are not limited to: Periodic inspections of the engine and package, hot section inspections, generator test and inspection, trim balances, vibration surveys, performance testing, controls calibration, and all level 1 & 2 maintenance.

In response to our customers’ request for flexibility in commercial offerings, GE Vernova’s global services network now provides the option for (FFP) Firm Fixed Pricing on many work scopes.

Technical Assistance

Rate Classification	Labor Rate Per Hour			Incremental Charges		
	Straight Time	Over Time	Double Time	High Security Areas	Emergency Call-Out	Offshore / Man Camps
Field Representative	\$316	\$474	\$631	25%	20%	20%
Specialty Field Rep	\$452	\$678	\$904	25%	20%	20%
Site Manager	\$464	\$696	\$929	25%	20%	20%
Mobilization Fee	\$471					

All charges are USD/HR

*Trademark of GE Vernova Company

EFFECTIVE SEPTEMBER 1, 20231/7



STANDARD RATE SHEET

GLOBAL FIELD SERVICES FOR AERODERIVATIVE GAS TURBINES

GE Vernova's global services network provides multiple levels of technical support for your aeroderivative gas turbines as follows:

Field services representative

Perform the maintenance action as well as provide technical advice based on good engineering, manufacturing, installation, and operation practices applicable to the equipment. Such services also include testing, adjustment, and installation and start-up. Field engineering services does not include supervision of purchaser's agents or other contractors.

Specialty field representative

May be any of the following:

- Gas turbine DLE mapper: Specialist skilled in methods required for adjusting the dry low NOx system to help optimize gas turbine emissions and life expectancy of combustion system components.
- Laser alignment: Specialists utilizing GE Vernova's proprietary digital laser alignment equipment, technology, and fleet data, to help optimize internal component alignment and potentially provide significant reductions in outage duration over conventional alignment methods.
- Controls programming
- Boro-blend: Specialists trained at blending damage to the HPC/LPC blades through the borescope ports.
- Excitation: Specialists skilled in the start-up and troubleshooting of excitation systems interfacing circuits, breakers, and Power systems.
- Vibration: Specialists experienced in vibration data acquisition, vibration machinery diagnostics, rotor balance analysis, and recommendations on installation of balance weights.
- Diagnostics: Specialists skilled in performance diagnostic tests data analysis, such as plant evaluations, equipment, performance services and general consulting for plant performance issues.

Site manager

Manages all aspects of GE Vernova's field services work and coordinates all GE Vernova's activities on site.

Notes:

Applicable rates

The normal work week is five consecutive eight-hour days (typical to specific countries, contact your regional customer service manager. Time in excess of the normal workday/ work week will be billed at the overtime rate. Over Time (OT) applies to billable hours on Saturdays and normal workday hours greater than 8 hours and less than 12 hours. Double Time (DT) applies to billable hours on Sundays, holidays, and normal workday hours greater than 12 hours.

Minimum charge

A minimum charge of 4 hours straight time plus per diem and travel expense is charged for any service job. Offshore vessels or rigs and work in isolated areas with man-camps will be charged a minimum 12 hours per day.

Mobilization fee

Mobilization fee consists of basic job preparation including but not limited to normal risk assessments or method statements; environmental, health and safety preparation; tooling and resource coordination and restocking. This fee is invoiced on a per dispatch basis in the amount of \$471.

Waiting time/standby time

If the field service technician is requested to wait at the site location, waiting time will be charged at minimum 8 hours per day at the applicable rate (i.e., standard rates including applicable multipliers) as set forth in the rate sheet. If the customer does not request the technician to wait, no charges will be due, the technician will not be available to work and, the technician is considered un-assigned and free to be assigned to other projects. Waiting time on offshore floating vessels, stationary rigs, and at isolated sites with man-camp living facilities will be charged a minimum 12 hours per day.

To minimize travel expenses, non-working days scheduled in advance, such as weekends or holidays selected as non- working days, will not incur minimum hourly charges but the per diem will still apply.

EFFECTIVE SEPTEMBER 1, 2023

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STANDARD RATE SHEET

GLOBAL FIELD SERVICES FOR AERODERIVATIVE GAS TURBINES

Working hours

Individual maximum working hours are 12 hours per day not to exceed 84 hours per fiscal week. Exceptions to the maximum 12-hour workday must be agreed to PRIOR to work commencing with the regional customer service manager up to a maximum of 14 hours per day per individual (followed by an appropriate 10-hour rest cycle) but not to exceed 84 hours per week. Unless otherwise contracted, working hours do not include the following: lunch or daily travel less than 30 minutes per leg between lodging and work location. Contact your local regional field service office for further clarification. In situations where local regulations or customer policies exist regarding on-duty limitations, the more conservative procedure shall take precedence.

Travel time

Travel time will be charged at the straight time rate as set forth in the rate sheet, on a round trip basis, from the GE Vernova's representative's point of dispatch.

Transportation expenses

All transportation (i.e., mileage, airfare, train, taxi, ferry, rental car, etc.) expenses for each dispatch are invoiced at cost plus 15%. Mileage will be invoiced at \$1.47 USD/mile when technicians travel to customer site via automobile.

Holidays

Holidays are country specific and double time rates are applicable. A holiday schedule for each country can be provided upon request.

High security area

A region deemed to have a substantial level of security risk inherent with the location will be assessed a minimum 25% security fee on all labor hours.

Living expenses

Per diem will be billed for any portion of a day worked including travel days. This daily charge is for normal daily expenses such as lodging, meals, laundry, normal communication expenses, fuel for rental car, and reasonable road tolls for all days. Any other daily expenses will be invoiced at cost plus 15%.

- Regular per diem, \$253 USD per day per employee
- High cost per diem of \$330 USD per day per employee applies to New York, Connecticut, Delaware & South Carolina

Rest and recreation

Due to local labor laws, Environmental Health and Safety (EHS) regulations or GE Vernova's policy, field service personnel will need to rotate out of work sites on Rest and Recreation (R&R) after being onsite for a certain duration of time. In such circumstances, costs related to R&R travel will be charged to the customer at the current prevailing rates plus applicable multipliers. If personnel do not travel away from the work site but also do not work on these days, hourly charges will not apply but the per diem rate will be applicable.

Emergency call-out

Dispatch with less than 48 hours' notice will be assessed a 20% emergency call-out fee on labor hours only.

Offshore & man camps

Any labor for work sites located on offshore floating vessels, stationary rigs or in isolated areas with man-camp living facilities, will be assessed a 20% fee for all hours on site.

Purchased materials & contracted services

Will be billed at cost plus 30%. Purchased materials includes non-Catalog items procured for the project/work location typically from local supply. Contracted Services includes non-GE Aero/non-FieldCore services and includes 3rd party suppliers and other GE owned or affiliated entities (e.g., Bentley Nevada, APM, cranes, testing services, craft labor services, etc.)

EFFECTIVE SEPTEMBER 1, 2023

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STANDARD RATE SHEET

GLOBAL FIELD SERVICES FOR AERODERIVATIVE GAS TURBINES

Tooling Rental fees - Transactional & CSA

GE Vernova rents level 1 and level 2 special tools at competitive rates. These tools are available through your respective Service Manager. Tooling pricing is based on work scope as listed in tooling rental table (Transactional & CSA). Listed price provides special tooling to complete contracted scope of work for the normal maintenance duration. Tooling required on site beyond the normal duration (1 week) of the contracted scope of work will be assessed a daily fee. GE Vernova's technical representative must accompany all rentals of GE Vernova tooling assets. Tooling is not rented separately for direct customer use.

Tooling Rental fees - Installation & commissioning

GE Vernova rents level 1 and level 2 special tools at competitive rates. These tools are available through your respective project manager. Tooling pricing is based on work scope as listed in tooling rental table Installation & commissioning (I&C). Listed price provides special tooling to complete contracted scope of work. Tooling required on site will be assessed a weekly fee. GE Vernova's technical representative must accompany all rentals of GE Vernova tooling assets. Tooling is not rented separately for direct customer use.

Shipping fees

All customs, duties and handling fees incurred by GE Vernova in the process of importing or exporting tooling or goods on behalf of the customer, including excess baggage and customs duties for hand carried items, will be invoiced at cost plus 15% handling fee.

Terms and conditions

Customer service support is subject to standard terms and conditions.

- Products and/or Services Terms and Conditions (PTSC)

Effectively

These prices supersede all previously published prices for this same service. The prices of additional or newly established service will be available on a quotation basis and may be subject to revision until such time as they are incorporated into the next issue of this price sheet. The prices indicated are list unit prices and are subject to change without notice.



STANDARD RATE SHEET

GLOBAL FIELD SERVICES FOR AERODERIVATIVE GAS TURBINES

Tooling Rental fees - Transactional & CSA

Catalog Workscope	Oracle ERP Code	UOM	Rate
LM6000/LMS100 hot section workscope tooling	APS_FS_HS-LM60-LMS_Daily	Days	\$12,286
LM2500/5000 hot section workscope tooling	APS_FS_HS-LM25-50_Daily	Days	\$7,949
LM500/1500/1600 hot section workscope tooling	APS_FS_HS-LM5-15-16_Daily	Days	\$4,912
Engine or PT exchange workscope tooling	APS_FS_ENG-PTXCHNG_Daily	Days	\$3,412
Semi annual package inspection tooling	N/A	Days	\$2,793
Annual package inspection tooling	APS_FS_INSP-ANNUAL_Daily	Days	\$2,793
Special package tooling work packages - PTK, FTK, Adre, emission, etc.	APS_FS_TOOL-SPC_Daily	Days	\$1,298
Standard package tooling work packages - Shaker, O-scope, precision, Impact, etc.	APS_FS_TOOL-STND_Daily	Days	\$625
Minor package tooling work packages - Fanuc, Genius, etc.	APS_FS_TOOL-MINR_Daily	Days	\$269
Low pressure compressor workscope tooling	APS_FS_LPC_Daily	Days	\$2,976
Turbine mid frame workscope tooling	APS_FS_TMF_Daily	Days	\$2,976
High pressure compressor workscope tooling	APS_FS_HPC_Daily	Days	\$2,976
Borescope or boreblend tooling	APS_FS_BSI-BLEND_Daily	Days	\$1,298
Level 1 work package tooling	APS_FS_ENG-LVL1_Daily	Days	\$770
Includes engine exchange + LPC + SB220	APS_FS_SB220_Daily	Days	\$8,917
Oil system flush (turbine or generator)	APS_FS_Flush_Daily	Days	\$882
LMS100 Engine or PT exchange workscope	APS_FS_LMS100XCHNG_Daily	Days	\$3,062
LMS100 I&C Tool Conex	APS_FS_LMS_CONEX_Daily	Days	N/A
Other as quoted	APS_FS_TOOL_Other	Days	Quote

EFFECTIVE SEPTEMBER 1, 2023

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STANDARD RATE SHEET

GLOBAL FIELD SERVICES FOR AERODERIVATIVE GAS TURBINES

Tooling Rental fees - Transactional & CSA - Continued

Catalog Workscope	Oracle ERP Code	UOM	Normal scope rate
LM6000/LMS100 hot section workscope tooling	APS_FS_HS-LM60-LMS_WorkScope	Week	\$49,142
LM2500/5000 hot section workscope tooling	APS_FS_HS-LM25-50_WorkScope	Week	\$23,848
LM500/1500/1600 hot section workscope tooling	APS_FS_HS-LM5-15-16_WorkScope	Week	\$14,735
Engine or PT exchange workscope tooling	APS_FS_ENG-PTXCHNG_WorkScope	Week	\$10,236
Semi annual package inspection tooling	APS_FS_INSP-SEMI_WorkScope	Week	\$2,793
Annual package inspection tooling	APS_FS_INSP-ANNUAL_WorkScope	Week	\$5,585
Special package tooling work packages - PTK, FTK, Adre, emission, etc.	APS_FS_TOOL-SPC_WorkScope	Week	\$3,895
Standard package tooling work packages - Shaker, O-scope, precision, Impact, etc.	APS_FS_TOOL-STND_WorkScope	Week	\$1,249
Minor package tooling work packages - Fanuc, Genius, etc.	APS_FS_TOOL-MINR_WorkScope	Week	\$269
Low pressure compressor workscope tooling	APS_FS_LPC_WorkScope	Week	\$8,929
Turbine mid frame workscope tooling	APS_FS_TMF_WorkScope	Week	\$2,976
High pressure compressor workscope tooling	APS_FS_HPC_WorkScope	Week	\$2,976
Borescope or boreblend tooling	N/A	Week	N/A
Level 1 work package tooling	N/A	Week	N/A
Includes engine exchange + LPC + SB220	APS_FS_SB220_WorkScope	Week	\$26,751
Oil system flush (turbine or generator)	APS_FS_Flush_WorkScope	Week	\$6,173
LMS100 Engine or PT exchange workscope	APS_FS_LMS100XCHNG_WorkScope	Week	\$9,187
LMS100 I&C Tool Conex	APS_FS_LMS_CONEX_Monthly	Month	\$10,207
Other as quoted		Week	Quote

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STANDARD RATE SHEET

GLOBAL FIELD SERVICES FOR AERODERIVATIVE GAS TURBINES

Tool rental pricing - Installation & commissioning

Catalog Workscope	Oracle ERP Code	UOM	Rate
Special package tooling work packages - PTK, FTK, Adre, emission, etc.	APS_FS_TOOL-SPC	Week	\$6,492
Standard package tooling work packages - Shaker, O-scope, precision, Impact, etc.	APS_FS_TOOL-STND	Week	\$3,123
Minor package tooling work packages - Fanuc, Genius, etc.	APS_FS_TOOL-MINR	Week	\$1,347
Level 1 work package tooling	APS_FS_ENG-LVL1	Week	\$3,850
Oil system flush (turbine or generator)	APS_FS_Flush	Week	\$4,410
LMS100 I&C Tool Conex	APS_FS_LMS_CONEX Monthly	Month	\$10,207
LMS100 Engine or PT exchange workscope	APS_FS_LMS100XCHNG	Week	\$15,311
Other as quoted	APS_FS_TOOL_Other		Quote

EFFECTIVE SEPTEMBER 1, 2023

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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: Distributed Electricity Backup Assets (DEBA) Project

Project Location(s): APNs 017-101-020-000 and 017-101-021-000, 5120 Phillip Road, Roseville, CA 95747

Project Description: Roseville Electric proposes to install evaporative coolers and natural gas compression on the California Department of Water Resources' (DWR) Roseville State Power Augmentation Project generators to improve their efficiency. These facilities are currently permitted to reach an output of up to 33.6 megawatts each (for a total output of 67.2 megawatts). The two General Electric TM2500 generators are currently capable of producing approximately 22.25 megawatts each (for a total project output of 44.5 megawatts) during extreme events. The installation of evaporative cooling will decrease the inlet air temperature, reducing the impact of the ambient temperature derate effects. The installation of natural gas compression will increase the pressure of the incoming natural gas from the local distribution system to the pressure the TM2500 generators were designed to run at for full nameplate capability. The combination of evaporative cooling and gas compression will allow the combined output of the two TM2500 generators to be increased by approximately 9.5 megawatts and will be capable of operation at all times the generators are running. While this will increase the output of each generator to 27 megawatts (for a total of 54 megawatts), this is still well below the current permitted output of 33.6 megawatts each. This project would not increase output over the permitted allowance of 67.2 megawatts.

Public Agency Approving Project: Roseville City Council

Agency/Individual Carrying Out Project: Roseville Electric

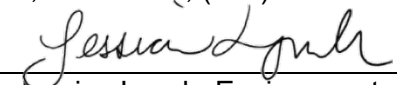
Reason why this Project is Exempt: This project qualifies for a Class 1 Exemption as described in Section 15301 of the California Environmental Quality Act (CEQA) guidelines which states:

"Class 1 consists of the...minor alteration of existing public or private structures, facilities, mechanical equipment, or topographical features, involving negligible or no expansion of existing or former use... [including] (b) existing facilities of both investor and publicly owned utilities used to provide electric power..."

The project increases efficiency in the output of energy produced so that the two TM2500 generators can produce up to 27 megawatts each. While this is an increase in output, it is still within the facilities' current permitted output of 33.6 megawatts each,

which was analyzed in prior CEQA documentation. For this reason, the Class 1 exemption is applicable to the proposed project.

Lead Agency Contact Person: William Forsythe, Roseville Electric, 2090 Hilltop Circle, Roseville, CA 95747, (916) 774-5619.

Signature:  Date: 02/8/2024
Jessica Lynch, Environmental Coordinator
City of Roseville



COUNCIL COMMUNICATION

CC #: 3789

File #: 0206-03-01

Title: Judicial Foreclosure of Delinquent Special Taxes Pursuant to the Mello-Roos Community Facilities Act of 1982, as Amended

Contact: Jeannine Thrash 916-774-5473 jthrash@roseville.ca.us

Meeting Date: 3/19/2025

Item #: 7.7.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council of the City of Roseville, acting as the governing body for its Community Facilities Districts (individually, "CFD" and collectively, "CFDs"), adopt a resolution ordering the judicial foreclosure of delinquent special taxes pursuant to the Mello-Roos Community Facilities Act of 1982, as amended, and ordering the Placer County Tax Collector to remove current and future delinquent taxes for the CFDs from the tax roll.

BACKGROUND

Certain property owners have become delinquent in payments of the special taxes associated with a couple of the City's CFDs. Bonds have been issued in connection with these CFDs and payments of these bonds are secured by special taxes levied upon individual property owners within each of these CFD boundaries. To comply with the City's bond covenants, when certain delinquency thresholds have been met, the City is required to commence foreclosure actions against any delinquent parcel(s). For the affected parcels, the foreclosure covenants state that property owned by a single property owner in a subject CFD is delinquent cumulatively by more than \$3,000 with respect to the current and past special taxes due (irrespective of the total delinquencies in the District). The combined special tax delinquencies recommended for judicial foreclosure action is \$9,716.07.

In an effort to remedy the delinquencies administratively, and prior to initiating the judicial foreclosure process, the City provided each delinquent property owner of record with a Reminder Letter and a Demand Letter beginning at the date of delinquency. Since these efforts have been unsuccessful, staff retained Stradling Yocca Carlson & Rauth, P.C. as the City's Foreclosure Counsel, to notify the property owners of imminent foreclosure actions and file the appropriate judicial foreclosure lawsuits, if necessary, to collect the delinquent special taxes. A foreclosure lawsuit may be terminated at any time before a parcel is sold at a judicial foreclosure sale provided that the delinquent amounts, penalties, interest and attorney fees are paid. Stradling Yocca Carlson & Rauth, P.C. will also attempt to work with the first lien holders to remedy the delinquencies. The delinquent special taxes for each of the properties are set forth in Exhibit A to the draft resolution which is provided as Exhibit A.

FISCAL IMPACT

There is no fiscal impact to the City's General Fund. All legal fees are borne by the property owners and all penalties and interest collected will be credited to the subject CFDs.

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 meets the above criteria and is not subject to CEQA. No additional environmental review is required.

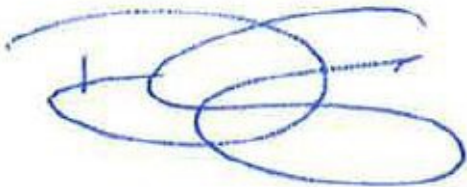
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal A - Remain fiscally responsible in a changing world

Respectfully Submitted,

Jeannine Thrash, Management Analyst

Scott Pettingell, Finance Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 25-063

RESOLUTION NO. 25-063

RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ROSEVILLE ACTING AS THE GOVERNING BODY OF ALL OF ITS COMMUNITY FACILITIES DISTRICTS ORDERING JUDICIAL FORECLOSURE OF DELINQUENT SPECIAL TAXES PURSUANT TO THE MELLO-ROOS COMMUNITY FACILITIES ACT OF 1982, AS AMENDED, AND ORDERING THAT THE PLACER COUNTY TAX COLLECTOR REMOVE CURRENT AND FUTURE DELINQUENT SPECIAL TAXES FOR THE COMMUNITY FACILITIES DISTRICTS FROM THE TAX ROLL

WHEREAS, the City of Roseville, a California Municipal Corporation, has conducted proceedings resulting in the formation of Community Facilities Districts ("CFDs") and the issuance of bonds or debt pursuant to the Mello-Roos Community Facilities Act of 1982, as amended (Cal. Gov. Code Section 53311, et seq.; the "Act"); and

WHEREAS, pursuant to the Act, the City has duly recorded Notices of Special Tax Lien and has duly and regularly levied special taxes, which special taxes and interest and penalties thereon constitute a lien against the parcel of the land against which it is levied until the same are paid, which liens secure in whole or part debt issued pursuant to the Act; and

WHEREAS, certain installments of the special taxes have not been paid when due, and certain special taxes may not be paid when due in the future;

WHEREAS, pursuant to section 53356.1 (a) of the Act, the CFDs are authorized to order the special taxes collected by an action brought in the Superior Court to foreclose their liens; and

WHEREAS, pursuant to section 53356.1 (b) of the Act, there is a covenant for the benefit of owners of the debt to file such foreclosure actions on behalf of the debt holders and, pursuant to Section 53356.2 of the Act, the City is authorized to order the County Auditor to credit the delinquent special taxes upon the secured tax roll, thus relieving the County Tax Collector of further duty and regard thereto; and

WHEREAS, the City has retained Stradling Yocca Carlson & Rauth, P.C. as special counsel to prosecute such actions.

NOW, THEREFORE, BE IT RESOLVED by the City Council of the City of Roseville acting as the Legislative Body of all the City of Roseville CFDs that:

1. The City finds that the Act authorized the filing of judicial foreclosure lawsuits to collect delinquent special taxes, and thereby orders that the delinquent special taxes listed on the attached Exhibit A and all future delinquent special taxes as to such property be collected by action brought in the appropriate Superior Court to foreclose the liens thereof.
2. Stradling Yocca Carlson & Rauth, P.C., is authorized to prosecute the foreclosure actions and to collect on behalf of the CFDs all amounts due on account of the special taxes listed in Exhibit A and any subsequent delinquent special taxes levied on those parcels.

3. The Council finds that the Act provides for the payments of the costs and attorney fees for prosecution of the foreclosures on redemption prior to entry of judgment as well as on post-judgment redemption, and hereby authorizes Attorneys to require payment on its behalf of all costs and all attorney fees incurred to collect the delinquent special taxes as a condition of such redemption.
4. City personnel in conjunction with special counsel and other City consultants are authorized and directed if and as applicable, pursuant to Government Code Section 53356.2: 1) to record notices of intent to remove the delinquent special taxes from the tax rolls, and 2) to request that the applicable County officials remove current and future delinquent special taxes from the tax rolls.

PASSED AND ADOPTED by the Council of the City of Roseville acting as the Legislative Body of all of the City of Roseville Community Facilities Districts at a regular meeting held on this ____ day of _____ 20 on the following vote:

AYES: COUNCILMEMBERS:

NOES: COUNCILMEMBERS:

ABSENT: COUNCILMEMBERS:

Mayor

ATTEST:

City Clerk

EXHIBIT A

**DELINQUENT PROPERTIES -
All Districts Removal Recommendations
Fiscal Year 2023/24
as of February 10, 2025**

District	FY 23/24 Dollars Levied	FY 23/24 Total Amount Delinquent	% FY 23/24 Dollars Delinquent (for Covenant analysis)	Delinquent Installment Removal Recommendations	First Delinquency Date	Total Installments Delinquent (incl Penalty & Interest)
Stoneridge West CFD 1	\$ 940,587.78	\$ 2,620.54	0.28%	Strip the following Parcels as shown below which are all property owners past due \$3,000 or more.		
				456-180-020-000	4/10/2022	\$4,806.05
					Total	\$4,806.05
Westpark CFD 1	\$ 7,278,079.64	\$ 11,885.27	0.16%	Strip the following Parcels as shown below which are all property owners past due \$3,000 or more.		
				496-230-032-000	12/10/2022	\$4,910.02
					Total	\$4,910.02



COUNCIL COMMUNICATION

CC #: 3790

File #: 0709

Title: 2024 Housing Element Annual Progress Report and 2024 General Plan Annual Progress Report

Contact: Trisha Isom 916-746-1239 tisom@roseville.ca.us
Lauren Hocker 916-774-5272 lhocker@roseville.ca.us

Meeting Date: 3/19/2025

Item #: 7.8.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution to approve the Housing Element Annual Progress Report and the General Plan Annual Progress Report and authorize submittal of both reports and related documents to the State of California Department of Housing and Community Development and the Office of Planning and Research in accordance with Section 65400(a)(2) of California Government Code.

BACKGROUND

After each jurisdiction's General Plan or Housing Element has been adopted, Section 65400(a)(2) of the California Government Code requires the jurisdiction to provide annual reports to their legislative body, the State Office of Planning and Research (OPR) and the State Department of Housing and Community Development (HCD). The General Plan Annual Progress Report must describe the status of the plan and any progress in its implementation. The Housing Element Annual Progress Report is required to use the standards and forms provided by HCD and must detail progress in meeting the City's share of regional housing needs, determined pursuant to California Government Code Section 65584, and local efforts to remove governmental constraints to the maintenance, improvement, and development of housing pursuant to California Government Code 65583(c)(3).

Roseville General Plan

On August 5, 2020 the City Council adopted an updated 2035 General Plan. The Housing Element was not updated at that time because Housing Elements are updated on 8-year cycles defined by state law. The General Plan progress report attached to this Council Communication describes notable activities and projects undertaken within the last year which implement or modify the General Plan. The report concludes that modification of General Plan policies and programs is not needed at this time.

Roseville Housing Element

On August 18, 2021, the City Council adopted the 2021–2029 Housing Element. HCD subsequently confirmed the updated Housing Element was in compliance with State Housing Element Law on November 17, 2021. The 2024 Housing Element progress report covers the City's housing policies, goals and objectives for this last year within the 8-year reporting period. Submitting the 2024 Housing Element Annual Progress Report to HCD by April 1, allows the City of Roseville to maintain its eligibility to receive State-administered grant funds such as the Permanent Local Housing Allocation, Local Housing Trust Fund, and Prohousing Incentive Pilot program funds. Additional interest at the state level in Housing Element compliance makes this reporting even more important, as it could also link to eligibility for transportation and other non-housing funds.

In the planning process leading up to the current Housing Element period, the Sacramento Area Council of Governments (SACOG) determined the Regional Housing Needs Allocation (RHNA) for the six-county region, including the City of Roseville, in accordance with State law. The RHNA allocates to each local jurisdiction its fair share requirement for meeting the area's housing needs in all income categories for the years during this plan period. The City of Roseville's fair share housing need, as determined by SACOG, is 12,066 dwelling units (3,855 very low-income units, 2,323 low-income units, 1,746 moderate-income units, and 4,142 above moderate-income units) over the designated planning period. To meet this need, the City has identified land that is able to accommodate these quantities and income levels of development and track development throughout the planning period.

The City of Roseville has historically provided for the future production of affordable housing units through its local policy requiring ten percent of new housing specific plans to be affordable. Since its inception in 1989, this local policy has resulted in the production and regulation of over 4,800 affordable units, with an average of 130 units added per year. Beyond the ten percent requirement, the City has also incentivized affordable housing development through the provision of land and subsidized loans for this purpose. In addition to the 198 rental units provided in 2024 by Hampstead Companies in West Roseville, the City is also working to approve several new developments in the West Roseville Specific Plan, the Creekview Specific Plan as well as downtown Roseville. The proposed projects will include over 1,500 affordable units. There are also several purchase unit obligations throughout the infill area that could net another 100 affordable units. Certain projects have been able to exceed local affordable housing requirements using state bond financing options as well as Project Based Vouchers, provided by the Roseville Housing Authority, which have allowed for deeper income targeting and greater affordability for residents. In 2024, the City approved over 1,500 building permits, 492 of which were for lower-income units and 464 were for moderate-income units.

The attached Housing Element Annual Progress Report identifies housing activity and progress in meeting Roseville's portion of the RHNA during the 2024 calendar year. This report includes the following tables:

- Summary: Building Permits Issued by Affordability Level
- Table A: Housing Development Applications Submitted
- Table A2: Annual Building Activity Report
- Table B: Regional Housing Needs Allocation Progress – 2021 – 2029
- Table C: Does Not Apply to 2023 Housing Element
- Table D: Program Implementation Status from current Housing Element
- Table E: Does not apply – Roseville did not approve any commercial development bonuses in 2023
- Table F: Does not apply – The Housing Element does not include a program to rehabilitate,

- preserve or acquire units
- Table F2: Does not apply- Roseville did not have any above moderate-income units converted to moderate-income
- Table G: Does not apply – no land is included in the inventory identified in the Housing Element Summary Table
- Table H: List of Locally Owned Surplus Sites
- Table J: Does not apply- Roseville does not have any student housing developments for lower-income students
- Table K: Tenant Preference Policy: Does not apply- Roseville does not have a local tenant preference policy
- LEAP Reporting: Local Early Action Plan Grant Report

The 2024 Annual Progress report is the fourth report in the 8-year reporting period and the report includes all permits and projects submitted during calendar year 2024. Although construction of sites can be challenging in the private market due to the increased cost of building supplies, decreased workforce and extremely competitive financing for affordable projects, the City's housing production continues to be robust. The City of Roseville has submitted its final report to HCD affirming that the City has met its obligations in providing the land inventory necessary to meet its RHNA requirements and continues to meet program and policy goals of local incentives and reductions in government barriers.

The City is also required to submit the Housing Successor's Annual Report of the Low- and Moderate-Income Housing Asset Fund (Low/Mod) for each fiscal year. The Low/Mod Fund report for FY2023-24 was approved by City Council on December 18, 2024 and will be submitted to the state as required. Once the Housing Element and General Plan Annual Progress Reports are acted upon by the City Council, staff will submit all necessary documents in compliance with state requirements.

FISCAL IMPACT

The staff cost to develop the 2024 Housing Element and General Plan Annual Progress Reports was included in the FY2024-25 adopted budget. There is no additional 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. Approval of the 2024 Housing Element and General Plan Annual Progress Reports meet the above criteria and are not subject to CEQA. No additional environmental review is required.

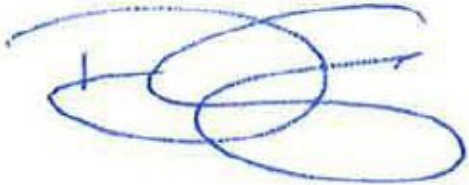
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal C - Maintain a safe and healthy community

Respectfully Submitted,

Trisha Isom, Housing Manager

Melissa Anguiano, Economic Development Manager



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 25-064

2024 Housing Element APR

2024 General Plan APR

23-24 Report of Required Information

RESOLUTION NO. 25-064

APPROVING THE 2024 HOUSING ELEMENT ANNUAL PROGRESS REPORT AND
APPROVING THE 2024 GENERAL PLAN ANNUAL PROGRESS REPORT

WHEREAS, on August 5, 2020, the City Council adopted an updated 2035 General Plan;
and

WHEREAS, on August 18, 2021, the City Council approved the General Plan's Housing
Element update, which was an eight-year document (2021-2029); and

WHEREAS, Section 65400(a)(2) of the Government Code of the State of California
requires an annual report to the City Council, the State Department of Housing and Community
Development and the State Office of Planning and Research; and

WHEREAS, the City Council has reviewed the 2024 Housing Element Annual Progress
Report and the 2024 General Plan Annual Progress Report.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Roseville
hereby approves the 2024 Housing Element Annual Progress Report and the 2024 General Plan
Annual Progress Report and directs staff to submit them to the State Department of Housing and
Community Development and the State Office of Planning and Research.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of
_____, 2025, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

Please Start Here

General Information	
Jurisdiction Name	Roseville
Reporting Calendar Year	2024
Contact Information	
First Name	Trisha
Last Name	Isom
Title	Housing Manager
Email	tisom@roseville.ca.us
Phone	9167461239
Mailing Address	
Street Address	316 Vernon Street. #150
City	Roseville
Zipcode	95678

Import Last Year's Data

Optional: Click here to import last year's data. This is best used when the workbook is new and empty. You will be prompted to pick an old workbook to import from. Project and program data will be copied exactly how it was entered in last year's form and must be updated. If a project is no longer has any reportable activity, you may delete the project by selecting a cell in the row and typing ctrl + d.

[Click here to download APR Instructions](#)

Add Rows

Click here to add rows to a table. If you add too many rows, you may select a cell in the row you wish to remove and type ctrl + d.

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Jurisdiction	Roseville	
Reporting Year	2024	(Jan. 1 - Dec. 31)
Housing Element Planning Period	6th Cycle	05/15/2021 - 05/15/2029

Building Permits Issued by Affordability Summary		
Income Level		Current Year
Very Low	Deed Restricted	219
	Non-Deed Restricted	0
Low	Deed Restricted	253
	Non-Deed Restricted	20
Moderate	Deed Restricted	48
	Non-Deed Restricted	416
Above Moderate		577
Total Units		1533

Note: Units serving extremely low-income households are included in the very low-income

Units by Structure Type	Entitled	Permitted	Completed
Single-family Attached	0	0	0
Single-family Detached	152	985	1023
2 to 4 units per structure	0	4	0
5+ units per structure	542	524	257
Accessory Dwelling Unit	0	20	18
Mobile/Manufactured Home	0	0	0
Total	694	1533	1298

Infill Housing Developments and Infill Units Permitted	# of Projects	Units
Indicated as Infill	16	16
Not Indicated as Infill	1,004	1,517

Housing Applications Summary	
Total Housing Applications Submitted:	7
Number of Proposed Units in All Applications Received:	363
Total Housing Units Approved:	363
Total Housing Units Disapproved:	0

Use of SB 423 Streamlining Provisions - Applications	
Number of SB 423 Streamlining Applications	0
Number of SB 423 Streamlining Applications Approved	0

Units Constructed - SB 423 Streamlining Permits			
Income	Rental	Ownership	Total
Very Low	0	0	0
Low	0	0	0
Moderate	0	0	0
Above Moderate	0	0	0
Total	0	0	0

Streamlining Provisions Used - Permitted Units	# of Projects	Units
SB 9 (2021) - Duplex in SF Zone	0	0
SB 9 (2021) - Residential Lot Split	0	0
AB 2011 (2022)	0	0
SB 6 (2022)	0	0
SB 423 (2023)	0	0

Ministerial and Discretionary Applications	# of	Units
Ministerial	1	2
Discretionary	6	361

Density Bonus Applications and Units Permitted	
Number of Applications Submitted Requesting a Density Bonus	0
Number of Units in Applications Submitted Requesting a Density Bonus	0
Number of Projects Permitted with a Density Bonus	0
Number of Units in Projects Permitted with a Density Bonus	0

Housing Element Programs Implemented and Sites Rezoned	Count
Programs Implemented	41
Sites Rezoned to Accommodate the RHNA	0

Jurisdiction	Roseville	(Jan. 1 - Dec. 31)
Reporting Year	2024	
Planning Period	6th Cycle	05/15/2021 - 05/15/2029

ANNUAL ELEMENT PROGRESS REPORT
Housing Element Implementation

Note: "+" indicates an optional field

Cells in grey contain auto-calculation formulas

Table A
Housing Development Applications Submitted

[illegible]

[illegible]

Submission Number	Element
204	11
205	12
206	13
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768	57

Submission Reporting Year	Fiscal Year	
	2024	21

ANNUAL ELEMENT PROGRESS REPORT
Housing Element Implementation

Map 17 indicates implementation
Map 17 indicates implementation

Submission Reporting Year	Fiscal Year	Fiscal Year	Element	Priority	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	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Jurisdiction	Rossville
Reporting Year	2024 (Jan. 1 - Dec. 31)
Planning Period	2024 - 2026

ANNUAL ELEMENT PROGRESS REPORT
Housing Element Implementation

Source: ^aFor indications, see registration file.

Jurisdiction	Roseville	
Reporting Year	2024	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	05/15/2021 - 05/15/2029

ANNUAL ELEMENT PROGRESS REPORT Housing Element Implementation

This table is auto-populated once you enter your jurisdiction name and current year data. Past year information comes from previous APRs.
Please contact HCD if your data is different than the material supplied here

Table B														
Regional Housing Needs Allocation Progress														
Permitted Units Issued by Affordability														
		1	Projection Period	2									3	4
Income Level		RHNA Allocation by Income Level	Projection Period - 06/30/2021- 05/14/2021	2021	2022	2023	2024	2025	2026	2027	2028	2029	Total Units to Date (all years)	Total Remaining RHNA by Income Level
Very Low	Deed Restricted	3,855	-	-	-	-	219	-	-	-	-	-	219	3,636
	Non-Deed Restricted		-	-	-	-	-	-	-	-	-	-		
Low	Deed Restricted	2,323	-	-	-	-	253	-	-	-	-	-	273	2,050
	Non-Deed Restricted		-	-	-	-	20	-	-	-	-	-		
Moderate	Deed Restricted	1,746	-	-	-	-	48	-	-	-	-	-	464	1,282
	Non-Deed Restricted		-	-	-	-	416	-	-	-	-	-		
Above Moderate		4,142	-	-	-	-	577	-	-	-	-	-	577	3,565
Total RHNA		12,066												
Total Units			-	-	-	-	1,533	-	-	-	-	-	1,533	10,533
Progress toward extremely low-income housing need, as determined pursuant to Government Code 65583(a)(1).														
		5		2021	2022	2023	2024	2025	2026	2027	2028	2029	6 Total Units to Date	7 Total Units Remaining
Extremely Low-Income Units*		1,928		-	-	-	61	-	-	-	-	-	61	1,867

*Extremely low-income housing need determined pursuant to Government Code 65583(a)(1). Value in Section 5 is default value, assumed to be half of the very low-income RHNA. May be overwritten.

Please Note: Table B does not currently contain data from Table F or Table F2 for prior years. You may login to the APR system to see Table B that contains this data.

Note: units serving extremely low-income households are included in the very low-income RHNA progress and must be reported as very low-income units in section 7 of Table A2. They must also be reported in the extremely low-income category (section 13) in Table A2 to be counted as progress toward meeting the extremely low-income housing need determined pursuant to Government Code 65583(a)(1).

Please note: For the last year of the 5th cycle, Table B will only include units that were permitted during the portion of the year that was in the 5th cycle. For the first year of the 6th cycle, Table B will only include units that were permitted since the start of the planning period. Projection Period units are in a separate column.

Please note: The APR form can only display data for one planning period. To view progress for a different planning period, you may login to HCD's online APR system, or contact HCD staff at apr@hcd.ca.gov.

VLI Deed Restricted
VLI Non Deed Restricted

ANNUAL ELEMENT PROGRESS REPORT

Housing Element Implementation

Jurisdiction	Roseville		
Reporting Year	2024	(Jan. 1 - Dec. 31)	
Table D			
Program Implementation Status pursuant to GC Section 65583			
Housing Programs Progress Report			
Describe progress of all programs including local efforts to remove governmental constraints to the maintenance, improvement, and development of housing as identified in the housing element.			
1	2	3	4
Name of Program	Objective	Timeframe in H.E	Status of Program Implementation
Federal and State Programs - HCV (Federal)	Minimum of 65 Housing Choice Vouchers per year, 49 of them to extremely low income households	Annual applications, 2021-2029	RHA issued a total of 43 HCV's of which 29 were VASH. RHA issued and housed 23 PBVs. RHA was placed in shortfall prevention protocol per HUD, and ceased issuing vouchers in February 2024.
Federal and State Programs - Housing Rehabilitation Program	Assist 6 low income homeowners per year	Annual applications, 2021-2029	The Owner-Occupied Housing Rehabilitation program assisted 5 low-income homeowners.
Density Bonus Program	To increase the City's supply of affordable housing	Ongoing, and at least annually	The City approved three affordable housing projects in 2024 with a combined total of 203 density bonus units during the reporting period.
Accessory Dwelling Units Ordinance	Issue building permits for a minimum of 10 units annually (five times the average rate between 2013 and 2017) for a total of 80 units	Ongoing, and at least annually	The City issued building permits for 20 ADUs during the reporting period.
Condominium Conversion Ordinance	To support the conversion of rental units to condominiums	Ongoing, and at least annually	The City processed no residential condominium conversions during the reporting period.
Streamline Project Processing	Complete 100% of applications within the City's adopted schedules	Ongoing, as applications are processed	Planning, Engineering, and Building have completed 96% of tasks by their due dates. For the 4% where due dates were not met, tasks were typically late by a few days.
Specific Plan Areas (SPA)	Ensure affordable units are integrated throughout the SPA and provide 10% of total SPA units as affordable units, consistent with Land Use Element Policy LU5.5.	Ongoing, as SPAs are approved	No new Specific Plans were approved because no new land was annexed. As described in the Housing Element, the City's existing Specific Plans are consistent with this program.
Public/Private Partnerships	Ensure affordable units are integrated throughout the SPA and provide 10% of total SPA units as affordable units, consistent with Land Use Element Policy LU5.5.	Ongoing Roseville Specific Plan Process	As described in the Housing Element, the City's existing Specific Plans are consistent with this program.
Affordable Housing Agreements	Provide 10% of total SPA units as affordable units, consistent with Land Use Element Policy LU5.5.	Ongoing and Annual Monitoring	100% of Affordable Housing Agreements were reviewed in 2024 and were found to be consistent with this program.
In-Lieu Fees	Provide 10% of total SPA units as affordable units, consistent with Land Use Element Policy LU5.5.	Ongoing, as SPAs are approved	The City continues to maintain consistency with the 10% affordability requirement through implementation of the Specific Plans program.
Non-Residential Construction Fee	Provide additional funding sources for affordable housing	2021	Consistent with the program direction to review establishment of a fee by 2021, the City completed a commercial linkage fee nexus study, and released the study, discussion materials, and a draft ordinance for public review in November 2021.
Preservation of Affordable Housing	To ensure affordable units remain affordable for as long as possible	Ongoing, and at least annually	No affordable units were at risk during the 2024 review period.
Housing Successor Agency	Gap financing for future developments and Homeless Prevention and Rapid Rehousing Program	2021-2029	The City used \$250,000 in Low/Mod funds to supplement the Homeless Prevention and Rapid Rehousing Program in Program Year 2024
Residential Capacity Monitoring (No Net Loss)	Evaluate 100% of residential applications for RHNA consistency	Ongoing as applications received, and at least monthly	100% of projects were reviewed for consistency with the City's RHNA targets. Also see the program below, Rezone Program for Adequate Sites.
Rezone Program for Adequate Sites	Achieve a minimum lower income capacity of 6,178 units by 2024	2024	The City has effectuated the Rezone Program strategies. The City adopted the Commercial Corridor Specific Plans project on December 21, 2022 (www.roseville.ca.us/corridorplans), as previously reported. The City adopted a land use policy pursuant to Rezone Program Strategy 4 on July 6, 2022, as previously reported. The City has also approved three projects consistent with Strategy 3, Opportunity Sites. The first project is Shea Apartments, located at 572 Gibson Drive, which included a General Plan Amendment and Rezone of the site from Business Professional to High Density Residential/Multifamily and approval of a 100% affordable multifamily housing development of 352 units. The second project was the Campus Oaks and Sierra Vista Amendment, spanning multiple sites. The key project features included a General Plan Amendment and Rezone of the 17.61-acre property at 401 Roseville Parkway from Tech/Business Park to High Density Residential/Multifamily, and the approval of new affordable housing sites (including density bonuses) at 3250 Pleasant Grove Boulevard. The project added a total of 551 new multifamily units, including 266 deed-restricted affordable housing units. Finally, the City processed an amendment of the North Central Roseville Specific Plan to add multifamily residential as a permitted use on Regional Commercial Core property, and recieved a letter of interest from the property owners indicating they feel there is realistic capacity for a minimum of 500 multifamily units on their properties. The significant increase in available affordable housing grant funding in the past two years resulted in several unanticipated sites developing with deed-restricted affordable housing, for a total of 387 units (F-8A project, Royer Street Apartments). The City has added capacity for 2,395 additional units, which exceeds the 1,791 units required.
Affordable Housing Streamlining	To streamline the approval of affordable housing projects by providing a ministerial approval process, thereby shortening timeframes by an average of three to five months and fees by \$8,000 or more	Ongoing as applications are received, and at least annually	The City approved four affordable housing projects using this process during the reporting period, for a total of 1,157 affordable units.
Prioritize Affordable Housing	To faciliate and incentivize the construction of affordable housing. The goal is for 100% of affordable housing projects to leverage this program	2024 and ongoing	None of the affordable housing projects approved during 2024 needed a parcel map or lot line adjustment.
Housing Replacement Program	To ensure conservation and replacement of affordable units	Ongoing, as applications are received	No affordable units needed replacement during the 2024 review period.
Accessory Dwelling Unit Outreach Program	Ensure 100% of multifamily property owners who contact the City receive information on accessory dwelling units	2022	There were no applications by housing developers to use Section 202 funding in 2024
Federal and State Programs - Section 8 HCV (Federal)	Effectively implement federal and state programs and leverage funding opportunities, increase the number of participating properties in high resource areas of the City, and obtain funding for affordable housing projects serving special needs populations	Ongoing, as funding is available, and at least annually	RHA was awarded 20 Foster Youth Initiative vouchers to support foster youth transitioning out of foster care and are homeless or at risk of homelessness. RHA also received an additional 15 VASH vouchers for homeless veterans. Another 16 Project Based Vouchers were leased in 2024 for extremely low-income households.

Federal and State Programs - Section 202 (Federal)	Effectively implement federal and state programs and leverage funding opportunities, increase the number of participating properties in high resource areas of the City, and obtain funding for affordable housing projects serving special needs populations	Ongoing, as funding is available, and at least annually	There were no applications by housing developers to use Section 202 funding in 2024
Federal and State Programs - CDBG (Federal)	Effectively implement federal and state programs and leverage funding opportunities, increase the number of participating properties in high resource areas of the City, and obtain funding for affordable housing projects serving special needs populations	Ongoing, as funding is available, and at least annually	In 2024, CDBG funds were utilized to assist a non-profit organization with acquiring a vacant parcel designated for affordable housing development. Once constructed, the 192 units will benefit low and moderate income individuals and families.
Housing Rehabilitation Program - Home (State) and CDBG (Federal)	Effectively implement federal and state programs and leverage funding opportunities, increase the number of participating properties in high resource areas of the City, and obtain funding for affordable housing projects serving special needs populations	Ongoing, as funding is available, and at least annually	The Housing Rehabilitation program supported five households in Roseville, with a total investment of \$345,770 allocated in CDBG, HOME and CalHome funds for the rehabilitation of these homes. Of this amount, \$110,725 was provided through a combination of CDBG loans and grants.
Public Service Funds	Effectively implement federal and state programs and leverage funding opportunities, increase the number of participating properties in high resource areas of the City, and obtain funding for affordable housing projects serving special needs populations	Ongoing, as funding is available, and at least annually	Public Service programs consisted of the following: transitional housing and case management services for persons with mental illness, mental health services, veterans services, food delivery, services for victims of domestic violence, and homeless prevention and rapid re-housing. The programs provided assistance to 879 households - 197 disabled, 200 elderly, 150 homeless and 66 female heads of household.
Homeless Prevention and Rapid Rehousing Program	Fund non-profits to implement homeless prevention and rapid rehousing programs such as rent, utilities, and deposit payments, homeless hotel vouchers and ready-to-rent programs	Ongoing, as funding is available, and at least annually	A.S.K. (AMI Housing, Saint Vincent de Paul, Kids First), The Gathering Inn, Salvation Army, The Unity Care Group, Volunteers of America, and Latino Leadership Council are working to provide prevention efforts and re-housing services to the homeless population. For CY 2024, \$796,845 was awarded to this network of agencies has been spent on homeless prevention and rapid rehousing. Services provided include rent, utility, and deposit assistance, emergency hotel vouchers, ready to rent classes, and housing navigation. A total of 729 persons were served: 45 seniors, 4 veterans, 199 people with disabilities, 182 families, and 72 transition aged-youth (TAY).
Roseville Community Grants Funds	Provide funding to public agencies and non-profits for programs that benefit and support the Roseville community	Ongoing, as funding is available, and at least annually	The Grants Advisory Commission awarded \$621,270 to 23 non-profit organizations for use between July 2024 and June 2025
Address Significant Disparities and Increase Opportunities	To ensure that direct and indirect government activities and influence is equitable and supports access to housing opportunities for all groups. Metrics for success include 700 low, very low, and extremely low income households assisted with rental assistance; 15 owner-occupied rehab projects (based on current funding levels)within a disadvantaged community area or at risk of displacement; at least 1 permanent supportive housing project explored annually.	Ongoing, and at least annually	Five Owner-occupied rehab (OOR) projects were completed; one within a disadvantaged, lower-income area and four within a manufactured home community, predominantly seniors who are living on a fixed income. Additionally, the City of Roseville is currently working with HCD on gaining approval to use \$1,500,000 in HOME PI monies to loan to Sunrose Apartments, a permanent supportive housing project that will house people coming directly from homelessness.
Homeless Outreach	Contact 50 high-risk community members per month	Ongoing, and at least annually	Social Services Unit made 739 contacts related to mental health, homelessness and other community needs using services alone. Services include transportation, crisis counseling, legal support, or other needs such as hotel accommodation, connect cards, id vouchers, etc.
Family Mobile Team	A minimum of 350 interactions annually	Ongoing, and at least annually	385 interactions by Placer County joint team.
Family Reunification Program	Reunification of at least 20 individuals experiencing homelessness	Ongoing, and at least annually	Social Services Unit provided reunification for 20 homeless individuals
Regional Housing Programs	Participate in regional approaches to affordable housing	Annually	The City holds a board member seat and co-chairs the CA 515 Continuum of Care, and participates in quarterly Placer County sponsored regional conversations including how PHAs can grow affordable housing in the region, affordability requirements, valuable in lieu fees, information sharing, etc.
Fair Housing and Housing Discrimination Legal Services	To ensure residents are informed of their housing rights and are provided with support on fair housing issues, and that City actions do not create barriers to fair housing or impact choice. Annually, 50 responses to inquiries; at least 1 Fair Housing Workshop; Adequate annual funding, \$12,000 for 2022, future years amount responsive to resources/needs.	Ongoing, and at least annually	The City contracts with Project Sentinel, a Fair Housing agency, to provide services for Roseville residents. Three outreach events were held in 2024, including two Fair Housing Workshops which featured topics such as protected categories, reasonable accommodations, current fair housing trends, licensed day care provider law, housing equity and source of income discrimination. Eighteen households (28 individuals) were served via intake, referrals and cases opened. Those served included four households with a female head-of-household, 15 households with a person with a disability, and eight elderly households. In 2024, \$10,543 was expended for fair housing activities.
Support for Housing for Persons with Developmental Disabilities	To ensure residents are informed of housing options for persons with developmental disabilities	Ongoing, and at least annually	The Housing Division met three times in 2024 with Alta Regional to discuss collaborating on future affordable housing projects for persons with developmental disabilities. The Housing Division reached out to all known affordable developers to connect them with Alta Regional. Alta's website now has a landing page for housing options for people with disabilities and a section advertising partnership opportunities with affordable housing developers.
Allow Shared Housing Under Housing Choice Voucher for Persons with Disabilities	To provide rental assistance for residents with disabilities	Ongoing, and at least annually	RHA reviews all reasonable accommodation requests for shared housing when received. RHA had no requests for shared housing in 2024 and currently has 4 participants in a shared housing living situation.
Process and Fee Structure Review	Review process and fee structure	Annually review process and fee structure	The City adopted an updated fee structure, effective July 1, 2024.
Review of Subdivision Improvement Standards and Zoning Ordinances	Complete review of the Subdivision Improvement Standards and Zoning Ordinance once per year	Ongoing, and at least annually	The City adopted an annual update to its Zoning Ordinance and Subdivision Ordinance on June 5, 2024. The amendment package included an array of changes intended to improve the readability and clarity of regulations and definitions, and to ensure regulations were consistent with legislation enacted in 2024.
Public Education Program	100% of staff reports or other City materials for affordable housing projects will include information about the necessity of affordable housing and City newsletters will contain such materials as a minimum of twice annually. A FlashVote survey or other survey will be distributed annually to elevate the community's perceptions of affordable housing	Bi-annually	The City published multiple articles in 2024. These included an article in April 2024 discussing the City's Housing Element Annual Progress Report, which included an infographic and information on the importance of affordable housing to the community; an article in July 2024 about the Point-In-Time Count; and an article in November 2024 on the City's affordable housing policy. The City also distributed multiple Flash Vote surveys in 2024 on a variety of topics, which included housing affordability.
Public Participation	Provide multiple means and opportunities for public participation as part of Planning entitlement projects	Ongoing, as projects are processed through the Planning Division	The City continued to implement all aspects of public participation listed in this program.

Special Needs Housing Laws	City ensures compliance with AB 2162 and AB 101 and other legislation	Within two years of adoption of the Housing Element	The City's Zoning Ordinance states that supportive housing is a residential use and allows supportive housing in all zones where single-family, two-family, or multi-family housing is permitted. Low barrier navigation centers were also added to the Zoning Ordinance as a permitted use, consistent with AB 101.
Roseville Electric Program	Meet the City's Renewable Portfolio Standards requirements	Ongoing, as funding is available, and at least annually	Roseville Electric is meeting the City and State's Renewable Portforlio Standard requirements
New Construction Efficiency Measures	Review 100% of building permits for consistency with Title 24 requirements	Ongoing, as applications are received	100% of building permits were reviewed electronically for consistency with Title 24.

Jurisdiction	Roseville	
Reporting Period	2024	31)
Planning Period	6th Cycle	05/15/2021 - 05/15/2029

ANNUAL ELEMENT PROGRESS REPORT
Housing Element Implementation

Note: "+" indicates an optional field
Cells in grey contain auto-calculation formulas

Table F									
Units Rehabilitated, Preserved and Acquired for Alternative Adequate Sites pursuant to Government Code section 65583.1(c)									
Please note this table is optional: The jurisdiction can use this table to report units that have been substantially rehabilitated, converted from non-affordable to affordable by acquisition, and preserved, including mobilehome park preservation, consistent with the standards set forth in Government Code section 65583.1, subdivision (c). Please note, motel, hotel, hostel rooms or other structures that are converted from non-residential to residential units pursuant to Government Code section 65583.1(c)(1)(D) are considered net-new housing units and must be reported in Table A2 and not reported in Table F.									
Activity Type	Units that Do Not Count Towards RHNA ⁺ Listed for Informational Purposes Only				Units that Count Towards RHNA ⁺ Note - Because the statutory requirements severely limit what can be counted, please contact HCD at apr@hcd.ca.gov and we will unlock the form which enable you to populate these fields.				The description should adequately document how each unit complies with subsection (c) of Government Code Section 65583.1 ⁺ . For detailed reporting requirements, see the chcklist here :
	Extremely Low-Income ⁺	Very Low-Income ⁺	Low-Income ⁺	TOTAL UNITS ⁺	Extremely Low-Income ⁺	Very Low-Income ⁺	Low-Income ⁺	TOTAL UNITS ⁺	
Rehabilitation Activity				0				0	
Preservation of Units At-Risk				0				0	
Acquisition of Units				0				0	
Mobilehome Park Preservation				0				0	
Total Units by Income	0	0	0	0	0	0	0	0	

Jurisdiction	Roseville	
Reporting Period	2024	(Jan. 1 - Dec. 31)
Planning Period	6th Cycle	05/15/2021 - 05/15/2029

ANNUAL ELEMENT PROGRESS REPORT
Housing Element Implementation

Note: "+" indicates an optional field

Cells in grey contain auto-calculation formulas

[illegible]

[illegible]

Jurisdiction	Roseville	NOTE: This table must contain an inventory of ALL surplus/excess lands the reporting jurisdiction owns	Note: "+" indicates an optional field Cells in grey contain auto-calculation formulas
Reporting Period	2024 (Jan. 1 - Dec. 31)		

ANNUAL ELEMENT PROGRESS REPORT
Housing Element Implementation

For Placer County jurisdictions, please format the APN's as follows:999-999-999-999

Table H						
Locally Owned Surplus Sites						
Parcel Identifier				Designation	Size	Notes
1	2	3	4	5	6	7
APN	Street Address/Intersection	Existing Use	Number of Units	Surplus Designation	Parcel Size (in acres)	Notes
Summary Row: Start Data Entry Below						
015-100-058-000	503 Berry Street	Vacant	0	Surplus Land	1.23	
014-440-090-000	251 Sunrise Avenue	Vacant	0	Surplus Land	0.38	
013-290-005-000	505 Royer Street	Vacant	0	Surplus Land	0.38	
013-290-006-000	300 Taylor Street	Vacant	0	Surplus Land	0.78	
013-290-002-000	401 Oak Street	Vacant	0	Surplus Land	1.39	
013-290-001-000	403 Oak Street	Public Facilities	0	Surplus Land	0.48	
017-101-008-000	6382 Phillip Road	Vacant	0	Surplus Land	237.26	

Jurisdiction	Roseville
Reporting Period	2024 (Jan. 1 - Dec. 31)
Planning Period	6th Cycle 05/15/2021 - 05/15/2029

ANNUAL ELEMENT PROGRESS REPORT

Table K
Tenant Preference Policy

Local governments are required to inform HCD about any local tenant preference ordinance the local government maintains when the jurisdiction submits their annual progress report on housing approvals and production, per Government Code 7061 (SB 649, 2022, Cortese). Effective January 1, 2023, local governments adopting a tenant preference are required to create a webpage on their internet website containing authorizing local ordinance and supporting materials, no more than 90 days after the ordinance becomes operational.

Does the Jurisdiction have a local tenant preference policy?	No	
If the jurisdiction has a local tenant preference policy, provide a link to the jurisdiction's webpage containing authorizing local ordinance and supporting materials.		
Notes		

Jurisdiction	Roseville	
Reporting Year	2024	(Jan. 1 - Dec. 31)

ANNUAL ELEMENT PROGRESS REPORT					
Local Early Action Planning (LEAP) Reporting					
(CCR Title 25 §6202)					
Please update the status of the proposed uses listed in the entity's application for funding and the corresponding impact on housing within the region or jurisdiction, as applicable, categorized based on the eligible uses specified in Section 50515.02 or 50515.03, applicable.					
Total Award Amount	\$ 500,000.00		Total award amount is auto-populated based on amounts entered in rows 15-21		
Task	\$ Amount Awarded	\$ Cumulative Reimbursement Requested	Task Status	Other Funding	Notes
Prepare Draft Housing Element	\$40,000.00	\$40,000.00	Completed	REAP	
Public Outreach	\$4,000.00	\$4,000.00	Completed	Local General Fund	
Revise Draft Housing Element	\$5,000.00	\$5,000.00	Completed	Local General Fund	
Prepare Draft Environmental Document	\$30,000.00	\$29,527.99	Completed	Local General Fund	
Prepare Supporting Technical Studies	\$110,000.00	\$109,187.18	Completed	Local General Fund	
Public Outreach	\$2,000.00	\$2,000.00	Completed	Local General Fund	
Planning Commission Hearings	\$2,000.00	\$2,000.00	Completed	Local General Fund	
City Council Hearings	\$2,000.00	\$2,000.00	Completed	REAP	
Prepare Implementing Programs	\$80,000.00	\$79,041.11	Completed	REAP	
Prepare Housing-Related Ordinances and Progras and Prepare Supporting Studies & Env Docs	\$94,000.00	\$93,603.63	Completed	REAP	
Public Outreach, Final Docs, & Hearings	\$3,200.00	\$3,104.43	Completed	Local General Fund	
Unclaimed Funds	\$127,800.00	\$0.00	Completed	None	

Summary of entitlements, building permits, and certificates of occupancy (auto-populated from Table A2)

Completed Entitlement Issued by Affordability Summa		
Income Level		Current Year
Very Low	Deed Restricted	160
	Non-Deed Restricted	0
Low	Deed Restricted	381
	Non-Deed Restricted	0
Moderate	Deed Restricted	0
	Non-Deed Restricted	1
Above Moderate		152
Total Units		694

Building Permits Issued by Affordability Summa		
Income Level		Current Year
Very Low	Deed Restricted	219
	Non-Deed Restricted	0
Low	Deed Restricted	253
	Non-Deed Restricted	20
Moderate	Deed Restricted	48
	Non-Deed Restricted	416
Above Moderate		577
Total Units		1533

Certificate of Occupancy Issued by Affordability Summa		
Income Level		Current Year
Very Low	Deed Restricted	18
	Non-Deed Restricted	0
Low	Deed Restricted	107
	Non-Deed Restricted	18
Moderate	Deed Restricted	15
	Non-Deed Restricted	435
Above Moderate		705
Total Units		1298

CITY OF ROSEVILLE

GENERAL PLAN

ANNUAL PROGRESS REPORT

2024



**CITY OF ROSEVILLE
GENERAL PLAN ANNUAL PROGRESS REPORT
FOR REPORTING YEAR 2024**

PUBLISHED MARCH 2025



**Development Services Department
Planning Division**

311 Vernon Street
Roseville, California 95678

CITY OFFICIALS

CITY COUNCIL

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Vice Mayor Karen Alvord
Councilmember Bruce Houdesheldt
Councilmember Tracy Mendonsa
Councilmember Pauline Roccucci

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DEVELOPMENT SERVICES DIRECTOR

Mike Isom

PLANNING MANAGER

Greg Bitter



Function and Intent of the General Plan

State law requires that every county and city prepare and adopt a comprehensive long-range plan to serve as a guide for the development of the community. The plan must consist of an integrated and internally consistent set of goals, policies and implementation measures. In addition, the plan must focus on those issues that are of the greatest concern to the community and should be written in a clear and concise manner. City actions, such as those relating to development entitlements, annexations, zoning, subdivision and design review, revitalization, and capital improvements must be consistent with the General Plan.

The City of Roseville General Plan (Plan) serves to:

- Establish long-range development policies that will be implemented through actions by the City of Roseville (City) Council and Planning Commission;
- Provide a basis for judging whether private development proposals and public projects are in harmony with the policies; and
- Guide public agencies and private developers in designing projects that are consistent with City policies.

The Plan is designed to be:

- **Long-range:** However imperfect the vision of the future is, almost any development decision has long-lasting effects. To create a useful context for development decisions the General Plan is focused on the year 2035 and beyond and examines full buildout of the City.
- **Comprehensive:** The Plan provides direction to coordinate all major components of the community's physical development and conservation.
- **General:** Because it is long-range and comprehensive, in most cases the Plan is general. The Plan's purpose is to serve as a framework for more detailed public and private development proposals.

California Government Code requires each General Plan to address specific topics within the General Plan, including land use, circulation, housing, conservation, open space, noise, safety, environmental justice, and air quality. The chapters of a General Plan are called Elements. The City's General Plan includes the below Elements addressing all the required components:

- **Land Use Element** discusses existing and future land use conditions, land use designations and standards, community form, community design, and growth management.
- **Circulation Element** identifies the general location and the extent of the existing and proposed roadways, highways, railroads, and transit routes. The Element identifies goals and policies to enhance the freedom to choose different modes of travel, manage travel demand, and provide for goods movement throughout the Planning Area and surrounding region.
- **Air Quality and Climate Change Element** integrates related land use, transportation and circulation, transit, and energy issues. The policies are intended to improve air quality and encourage cooperation among surrounding jurisdictions involved in regional air quality efforts.
- **Open Space and Conservation Element** provides for the conservation and management of natural resources, details strategies for the preservation of open space, and provides for outdoor recreation, public health, and safety.
- **Parks and Recreation Element** provides goals and policies for both traditional active park lands and non-traditional open space-oriented park lands. It specifies standards and conditions as guidelines for planning parks and recreation facilities, including size, type, location, and multi-modal access.

- **Public Facilities Element** identifies facility and service needs of the community for civic facilities, libraries, schools, electric and privately owned utilities, water and wastewater systems, solid waste and recycling, water and energy efficiency, and the extension of City services.
- **Safety Element** establishes standards and plans for the protection of the community from a variety of hazards, including earthquakes, flooding, crime, fire, and hazardous materials.
- **Noise Element** establishes standards for transportation and fixed noise sources to protect the health and welfare of the community.
- **Housing Element** identifies the existing and projected housing needs and establishes goals and policies for the preservation, improvement, and development of housing to meet the diverse needs of the City's existing and future population.

The City's 2035 General Plan was adopted in August 2020 and the current Housing Element was adopted in August 2021. The General Plan, inclusive of the Housing Element, is internally consistent and is consistent with the most current State General Plan requirements. This includes the most recent updates to informational requirements, including environmental justice, collaborative planning with military lands and facilities, and Native American consultation.

Implementation Review

The City's General Plan includes more than 500 goals and policies, most of which are implemented on an ongoing basis. Appendix A of the adopted General Plan includes a complete list of all these implementing programs, procedures, ordinances, and regulations along with a description of their status. Therefore, the list below focuses on new or significant activities undertaken during the last reporting year relative to the City's goals and policies. The list includes each relevant goal or policy in **bold** text followed by a description of activities in plain text. The City also reviewed the General Plan to determine whether any updates were necessary, and concluded that none of the goals, policies, objectives, or standards require amendment during the upcoming reporting year of 2025.

Policy LU1.4. Promote a diversity of residential living options (e.g. density ranges, housing types, affordability ranges), while ensuring community compatibility and well-designed residential development.

The City issued building permits for 1,533 housing units, of which 64% were single-family residential, 34% were multifamily residential, and the remaining units were accessory dwelling units (a total of 20 permits). This year continued to see above-average housing production in the City in both the single-family and multifamily housing markets.

Policy LU3.4. Encourage infill development and reinvestment that:

- **Upgrades the quality and enhances the character of existing areas;**
- **Enhances the mix of land uses in proximity to one another so that more households can access services, recreation, and jobs without the use of a car;**
- **Facilitates pedestrian activity and public transit use;**
- **Efficiently utilizes and does not overburden existing services and infrastructure; and**
- **Results in land use patterns and densities that provide the opportunity for the construction of a variety of housing types that are affordable to all income groups**

Several infill projects were approved or construction was completed during 2024, including an affordable housing project in the City's Historic Old Town and a small subdivision on Main Street (Oak Leaf Subdivision). Two new commercial projects were approved within the City's Douglas-Harding Corridor Specific Plan, one of which replaces an



old closed fuel station (which has been demolished) with new retail tenant spaces at a gateway corner (Douglas Boulevard and Harding Boulevard). The City also began several reinvestment projects within the infill area of the City, including the start of construction on the Dry Creek Greenway East Trail which will connect Maidu Regional Park with Riverside Avenue and will be an important pathway for transportation, recreation, and students traveling to school in this older area of the City.

Policy CIRC6.1 Establish and maintain a safe and continuous pedestrian network that provides connections between residential areas and commercial, retail and services, employment, public services, parks, and public transit.

Construction began on the Dry Creek Greenway East Trail which will connect Maidu Regional Park with Riverside Avenue. This trail is due to be completed in 2026 and will provide vital connections for older neighborhoods in the City. The trail will connect businesses, neighborhoods, and schools in this area, as well as provide a new pathway across Interstate 80, connecting the neighborhoods and services on either side.

Policy PR1.1 Provide adequate parkland, recreational facilities, and a wide variety of programs, activities, and educational opportunities using public and private resources.

The City dedicated and completed three parks during 2024. The Courts at Gibson Park includes a pickleball court and other amenities near apartments and homes in the vicinity of the Roseville Westfield Galleria, Solaire park is a new neighborhood park in the western area of the City, and the Campus Oaks Park is a linear park serving new housing south of the Campus Oaks commercial center.

Four parks are under construction, including the Riego Creek Park, Denio Family Park, Byouk Park, and the Roseville Soccer Complex.

Major Planning Activities

This section includes all of the major planning activities completed during this reporting period, including amendments to the General Plan land use map; new master plans, specific plans, or annexations; other significant studies or plans; and private development applications approved which are of citywide significance.

GENERAL PLAN AMENDMENTS

The City approved one minor General Plan Amendment in 2024, a brief description of which is as follows:

- Project Number PL24-0397: The project was General Plan Amendment, Specific Plan Amendment, and Rezone to change the land use an approximately 14.5-acre parcel from Community Commercial to a mix of Community Commercial (approximately 7 acres) and Medium Density Residential (approximately 7.5 acres). The project also include a Tentative Subdivision Map to create 53 small-lot residential parcels.

NEW MASTER PLANS, SPECIFIC PLANS, AND ANNEXATIONS

The City processed no new master plans, Specific Plans, or annexations during 2024.

PRIVATE DEVELOPMENT PROJECTS OF CITYWIDE SIGNIFICANCE

The City's Specific Plan process allows for significant streamlining of residential projects consistent with the Specific Plan. The City issued building permits for more than 1,500 residential units in 2024. In addition to this building permit activity, the City approved the following significant projects:

- Affordable Housing projects: The City approved or construction began on multiple affordable housing projects totaling nearly 1,250 units.
- Commercial Development: Construction began on multiple key commercial properties in the City, the completion of which will bring services into closer proximity to existing homes, reducing citywide vehicle miles

traveled. This included the West Roseville Marketplace (1798 Pleasant Grove Boulevard), Blue Oaks Commerce Center (2200 Freedom Way), and Baseline Marketplace – Costco (5200 Baseline Road).

Housing Element Annual Progress Report (APR)

The Housing Element is a critical component of the General Plan. State housing law requires a separate Annual Progress Report be prepared by jurisdictions and submitted to the California Department of Housing and Community Development each year. The Housing Element APR is included as an attachment to this General Plan APR.

Report of Required Information per Health and Safety Code 34176.1 (f)
City of Roseville Housing Successor
Fiscal Year 2023-24

1. Any amounts deposited into the Fund, with segregation of amounts deposited from payments pursuant to a Recognized Obligation Payment Schedule ("ROPS") from other sources.

<i>Amount</i>	<i>Source</i>	<i>Purpose</i>
\$60,864	Interest on Investments Earned	Fund Balance-Reserved
\$19,500	Interest on Notes/Loans	Fund Balance-Reserved
\$45,778	Monitoring Fees	Fund Balance-Reserved
\$252,532	20% Deposit from City Loan Payoff	Fund Balance-Reserved
\$56,700	Loan Payoffs-Program Income	Fund Balance-Reserved
\$15,000	Other Income	Fund Balance-Reserved
\$450,374	Total Deposits	

2. The balance in the Fund at the fiscal year end, with segregation of amounts held to meet obligations on a ROPS from other amounts.

<i>Amount</i>	<i>Description</i>
\$1,911,160	Ending Cash
\$6,850	Interest Receivable
\$1,918,010	Fund Balance 6/30/24

3. A description of expenditures from the Fund by category for:
- Monitoring and preserving the long-term affordability of units subject to affordability restrictions or covenants entered by the redevelopment agency or the housing successor and administering permitted affordable housing activities. *The amount that can be spent on monitoring and administration is capped at 2% of the value of the assets in the Fund or \$200,000 whichever is greater.*
 - Homeless prevention and rapid rehousing services. *This amount is limited to \$250,000 annually.*
 - Development of housing affordable to households at or below 80% of area median income ("AMI").

<i>Amount</i>	<i>Description</i>
\$50,452	a. Staff charges for Monitoring
\$101,046	a. Professional Services
\$12,199	a. Misc Office Charges
\$249,999	b. Homeless Prevention
\$500,000	c. Development of housing
\$913,696	Total Expenditures

Report of Required Information per Health and Safety Code 34176.1 (f)
City of Roseville Housing Successor
Fiscal Year 2023-24

4. The statutory value of real property owned by the housing successor, the value of loans and grants receivable, and the sum of these two amounts. *"Statutory value of real property" means the value of properties formerly held by the former redevelopment agency as listed on the housing asset transfer form approved by the Department of Finance ("DOF") and the purchase price of properties purchased by the housing successor.*

Amount	Description
\$875,000	Land - Note Receivable
\$5,760,000	Mercy Housing - Deferred Receivables
\$500,000	Hampstead Prospera at Fiddymont Workforce
\$3,693,755	FTHB/commercial Deferred Receivables
\$861,715	Residential
\$11,690,470	Total Value of Land & A/R

5. A description of any inter-jurisdictional transfers of monies from the Fund in the previous fiscal year as well as any transfer from prior fiscal years if the funds are still unencumbered and a description of and status update on any project for which transferred funds have been or will be expended if that project has not yet been placed in service.

None

6. A description of any project for which the housing successor receives or holds real property tax revenue pursuant to the ROPS and the status of that project.

None

7. For interests in real property acquired by the former redevelopment agency prior to February 1, 2012, a status update on compliance with the development of the property within five (5) years after the DOF approved the property as a housing asset, which would typically be the date of approval of the housing asset transfer list. For interests in real property acquired on or after February 1, 2012, a status update on the project.

Mercy Housing secured a loan from the Housing Successor for \$5,760,000 for the development of a 58-unit mixed-use affordable housing development at 623 Vernon Street, Roseville. The loan was approved by the City Council, acting as the Housing Successor, on November 16, 2016. The project was completed in November 2018.

In 2016, the Housing Successor committed \$600,000 of funding from the low/moderate affordable housing funds towards the Junction Crossing affordable rental housing development at 120 Pacific Street. The deferred low interest loan was approved by the City Council, acting as the Housing Successor, on October 20, 2021. This project includes 80 affordable units available for low- and very low-income households and was completed in February 2024.

Report of Required Information per Health and Safety Code 34176.1 (f)

City of Roseville Housing Successor

Fiscal Year 2023-24

The Housing Successor loaned \$500,000 in gap funding to Hampstead Company's Prospera at Fiddymment - Workforce Housing project for the development of a 104-unit mixed-income affordable housing development. The project is located at 2801 North Hayden Parkway in West Roseville and was completed in October 2024. The loan was approved by the City Council, acting as the Housing Successor, on April 3, 2024.

- 8. A description of any outstanding replacement housing and housing production obligations that transferred to the housing successor on February 1, 2012, the housing successor's progress in meeting those obligations, and the housing successor's plans to meet the unmet obligations.**

The Agency finalized a loan of \$500,000 from Low/Mod funds to one affordable rental project that developed 59 very low- and low-income units. The Agency will continue to use loan portfolio payoffs and 20% set-aside deposits from City loan payments to provide additional assistance for affordable housing developments. The value of the 20% loan receivable from the Successor Agency on June 30, 2024, is \$2,234,941 providing the California Department of Finance approves the payment of the City loans by the Successor Agency.

- 9. Reporting on income targeting requirements does not need to be included until December 31, 2019 for the period from January 1, 2014 through the end of the fiscal year covered by the report (June 30, 2019 for most housing successors), and every five years thereafter. However, it may be useful for housing successors to track this information on an annual basis to ensure the requirement is met every five years. *The required income targeting expenditures are that, over a five year period, the funds remaining after expenditures for monitoring and administration and rapid rehousing services, if any, must be expended for the development of housing affordable to and occupied by households earning 80% or less of the AMI, with at least 30% of the funds expended on the development of housing affordable to and occupied by households earning 30% or less of the AMI and not more than 20% of the funds expended on the development of housing affordable to and occupied by households earning between 60% and 80% of the AMI.***

<i>Project</i>	<i>Loan Mount</i>	<i>Assisted Units</i>	<i>AMI</i>
Prospera at Fiddymment Workforce	500,000.00	8	30%
Junction Crossing	438,000.00	8	30%
Junction Crossing	162,000.00	3	50%

Report of Required Information per Health and Safety Code 34176.1 (f)

City of Roseville Housing Successor

Fiscal Year 2023-24

- 10. The percentage of units of deed-restricted rental housing restricted to seniors and assisted individually or jointly by the housing successor, its former redevelopment agency, and its host jurisdiction within the previous 10 years in relation to the total number of units of deed-restricted rental housing assisted individually or jointly by the housing successor, its former redevelopment agency, and its host jurisdiction within the same time period. *If the percentage of assisted senior rental housing is more than 50 percent of the total of all assisted rental housing, no additional senior rental housing can be assisted until the percentage falls to 50 percent or less.***

In last 10 years:

# of Units	Description
0	Senior Restricted Rental Housing Units
601	Non-Senior Restricted Rental Housing Units
601	Total Units
0%	% of Senior Restricted Rental Housing Units

- 11. The amount of any excess surplus, the amount of time that the successor agency has had the excess surplus, and the housing successor's plan for eliminating the excess surplus. *The definition of excess surplus has been modified so that an "excess surplus" exists to the extent a housing successor holds unencumbered funds in its Fund in an amount that exceeds the greater of \$1,000,000 or the total amount of deposits into the Fund for the preceding four fiscal years. The housing successor is required to spend the excess surplus amount or transfer that amount to another jurisdiction as provided in Health and Safety Code Section 34176.1(c)(2) within three fiscal years. If not, the excess surplus amount must be transferred to HCD to use pursuant to the Multifamily Housing Program or the Joe Serna, Jr. Farmworker Housing Grant Program.***

Fiscal Year	Amount Deposited
FY2022-23	\$500,424
FY2021-22	\$1,301,704
FY2020-21	\$603,561
FY2019-20	\$419,559
TOTAL	\$2,825,248

Fund Balance – 6/30/23	\$1,918,010
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Amount of Fund Balance does not exceed the sum of the deposits in the prior four years.	\$0
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Report of Required Information per Health and Safety Code 34176.1 (f)

City of Roseville Housing Successor

Fiscal Year 2023-24

12. Inventory of Home Ownership Units: This section provides an inventory of homeownership units assisted by the former Agency or FVHA as Housing Successor that are subject to covenants or restrictions or to an adopted program that protects the former Agency's investment of moneys from the Low and Moderate Income Fund per Section 33334.3 (f).

<i>Loan Date</i>	<i>Loan Due in yrs</i>	<i>Address</i>	<i>Amount</i>
12/2/2008	45	121 Hickory Street	77,300.00
12/2/2008	45	177 Hickory Street	100,000.00
2/18/2009	45	109 Hickory Street	100,000.00
6/30/2009	45	153 Hickory Street	98,637.00
11/4/2009	45	145 Hickory Street	100,000.00
11/24/2009	45	125 Hickory Street	85,778.00
11/25/2009	45	141 Hickory Street	100,000.00
11/25/2009	45	113 Hickory Street	100,000.00
3/11/2010	45	149 Hickory Street	100,000.00
		TOTAL	\$861,715.00



COUNCIL COMMUNICATION

CC #: 3798
File #: 0800-02

Title: Five Star Intertie Improvement Project – Construction Agreement
Contact: William Montz 916-938-0154 wmontz@roseville.ca.us

Meeting Date: 3/19/2025
Item #: 7.9.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council:

- 1) Approve the Construction Agreement for the Project with Sierra National Construction, Inc. in the amount of \$698,640 and adopt a resolution authorizing the City Manager to execute the attached construction agreement for the project; and
- 2) Authorize the City Manager or his designee to approve and pay for contract change orders for this project that could increase the contract amount by no more than 10% (\$69,864), for a not-to-exceed total contract amount of \$768,504.

BACKGROUND

As part of the PCWA-Roseville Conveyance Project with Placer County Water Agency (Agency), necessary improvements were identified at the Five Star Intertie between City and Agency water distribution systems.

Constructed in 1995, the Five Star Intertie is a manually operated intertie between the City and the Agency located at the intersection of Five Star Boulevard and Stanford Ranch Road.

To increase water supply resiliency and improve operational functionality, the City and Agency desire to energize and automate the Intertie, which includes the replacement of the flow measurement instrument for automation compatibility. With improvements complete, the Intertie will be capable of remote monitoring and operation via the Agency's Supervisory Control and Data Acquisition (SCADA) system and remote monitoring through the City's SCADA system. The communication link between the Intertie and the City's SCADA system will be through a fiber pathway, whereas the communication link between the Intertie and Agency's SCADA system will be via cellular wireless technology.

To energize the Intertie, an electric transformer, meter pedestal, and power distribution panel will be installed. Two process logic controllers (PLC) panels are required to communicate the signals from the Intertie to the City and Agency SCADA systems.

On November 20, 2024, the plans and specifications for the project were approved by City

Council and a Request for Bids for construction services was published on November 21, 2024. On January 8, 2025, five contractors submitted proposals to the City Clerk's office and a public bid opening identified Design-Build Inc. as the apparent low bidder. However, Design-Build Inc.'s proposal was disqualified due to unresponsiveness and Sierra National Construction Inc.'s proposal was identified and verified as the next low bidder.

FISCAL IMPACT

The Construction Agreement with Sierra National Construction, Inc. in the amount of \$698,640, with the not-to-exceed change order authority request for 10% (\$69,864), makes the total not-to-exceed contract value \$768,504. Project funding is from available resources in the Water Construction Fund. The Water Construction Fund is funded by water connection fees paid for by developers.

ENVIRONMENTAL REVIEW

This project qualifies for a Class 1 Exemption as described in Section 15301 of the California Environmental Quality Act (CEQA) guidelines. The project involves modification of existing facilities to increase water distribution system operational flexibility. The improvements do not result in expansion of use. No sensitive resources are present on the project site. Therefore, the Class 1 Exemption is applicable to the proposed project.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F – Invest in well-planned infrastructure and growth.

Respectfully Submitted,

William Montz, Assistant Engineer

Sean Bigley, Environmental Utilities Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 25-068

Agreement

Bid Summary Sheet

CEQA

RESOLUTION NO. 25-068

APPROVING AN AGREEMENT, BY AND BETWEEN THE CITY OF ROSEVILLE AND
SIERRA NATIONAL CONSTRUCTION, INC., AND AUTHORIZING THE CITY
MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, an Agreement for the Five Star Intertie Improvement project, by and
between the City of Roseville and Sierra National Construction, Inc., 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 that the City Manager is authorized to execute it on
behalf of the City of Roseville.

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
_____, 2025, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk

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
Sierra National Construction, Inc., a **Corporation**,
("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 **20** day of
November, 20**24**, approved plans and specifications for the _____
Five Star Intertie Improvement Project

and directed the City Clerk to advertise for sealed proposals for doing said work and providing
that bids be submitted on the **8** day of **January**, 20**25**; 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 _____

Five Star Intertie Improvement Project

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 Six hundred ninety-eight thousand and six hundred forty dollars (\$ 698,640) 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 \$ 1,500 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 181 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

William Montz
Environmental Utilities
2005 Hilltop Circle
Roseville, CA 95747

CONTRACTOR

Kip Skidmore
President
5433 El Camino Ave. Suite 4
Carmichael, CA 95608

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

Sierra National Construction, Inc. _____, a
Corporation

BY: 
its: President

and

ATTEST:

BY: _____
its: _____

BY: _____
CARMEN AVALOS
City Clerk

APPROVED AS TO FORM:

BY: _____
MICHELLE SHEIDENBERGER
City Attorney

APPROVED AS TO SUBSTANCE:

BY:  _____
Devin Whittington
on behalf of Sean Bigley

Print Name: Sean Bigley

Title: Environmental Utilities Director

RFP # 08-117

DATE: January 8, 2025

TIME: 3:00 PM

BID BOND REQUIRED: Yes

BID SUMMARY SHEET

BID OPENING FOR:

Five Star Intertie Improvement Project



Bidders Name City, State	Addendum 1	Addendum 2	Bid Bond	Grand Total
Sierra National Construction Carmichael, CA	✓	✓	✓	\$ 698,640
BWD Construction Inc dba Lincoln, CA Bwd General Engineering	✓	✓	✓	\$ 740,000
Myers & Sons Construction LLC Sacramento, CA	✓	✓	✓	\$ 918,508
Design-Build, Inc. Sacramento, CA	✓	✓	✓	\$ 557,786
TNT Industrial Contractors Inc. Sacramento, CA	✓	✓	✓	\$ 872,200

Please Sign-In

Staff

Visitors (Name & Company)

Visitors (Name & Company)

Melissa Lipp

Kathrina Six

Joe Speaker

Carmen Avalos

William Montez

Erika De Lepe



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: Five Star Intertie Improvements Project

Project Location: The Intertie improvements would be constructed within an existing intertie station, and within public right of way, located at the northwest corner of Five Star Boulevard and Stanford Ranch Road at 6710 Stanford Ranch Road in the City of Roseville, Placer County, CA (APN: 017-123-043-000).

Project Description: The Roseville Environmental Utilities Department proposes construction of improvements as follows: The Five Star Intertie is a manually operated intertie between the City and the Placer County Water Agency (PCWA). To improve operational functionality, this project would entail installation of equipment to automate and provide remote capabilities via cellular wireless technology for monitoring and operation of the intertie via a Supervisory Control and Data Acquisition (SCADA) system. Since the location does not have power service, a new transformer is required, which will be tied into the existing junction box. The project will also include replacement of any flow measurement instruments for automation compatibility. The project does not include any new long-term water supply; it only allows for more efficient distribution of existing surface and ground water supplies.

Public Agency Approving Project: Roseville City Council

Agency Carrying Out Project: Roseville Environmental Utilities Department

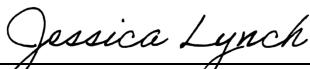
Reason why this Project is Exempt: This project qualifies for a Class 1 Exemption as described in Section 15301 of the California Environmental Quality Act (CEQA) guidelines which states:

"Class 1 consists of minor alteration of existing public facilities....involving negligible or no expansion of use beyond that previously existing.... examples include but are not limited to: (b) Existing facilities of both investor and publicly-owned utilities used to provide electric power, natural gas, sewerage, or other public utility services;"

The project involves modification of existing facilities to increase water distribution system operational flexibility. The improvements do not result in expansion of use. No sensitive resources are present on the project site. Therefore the Class 1 Exemption is applicable to the proposed project.

Lead Agency Contact Person: William Montz, Roseville Environmental Utilities Department, 2005 Hilltop Circle, Roseville, CA 95747 (916) 774-5545.

Signature:


Jessica Lynch, Environmental Coordinator
City of Roseville

Date: 5-24-2023



COUNCIL COMMUNICATION

CC #: 3795
File #: 0500-01

Title: Utility Legal Services - Legal Services Agreement
Contact: Gretchen Hakala 916-774-5325 ghakala@roseville.ca.us

Meeting Date: 3/19/2025
Item #: 7.10.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution authorizing the City Manager to execute a Legal Services Agreement with Climate Edge Law Group to provide legal services related to regulatory and commercial matters regarding utilities and environmental law.

BACKGROUND

The City of Roseville requires outside legal services from time to time to advise, assist, and represent the City as co-counsel with the City Attorney with respect to litigation, and to assist the City with respect to transactional matters. Climate Edge Law Group specializes in regulatory and commercial matters regarding utilities and environmental law.

FISCAL IMPACT

Legal services provided by this contract will be dependent upon needs as they occur during the year and thus cannot be forecast. All expenses will be paid from the Roseville Electric Department operating budget in the Electric Fund, as needed.

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

Goal A - Remain fiscally responsible in a changing world
Goal E - Deliver exceptional city services

Respectfully Submitted,

Gretchen Hakala, Paralegal

Michelle Sheidenberger, City Attorney



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 25-066

Agreement

RESOLUTION NO. 25-066

APPROVING AN AGREEMENT FOR LEGAL SERVICES, BY AND BETWEEN THE CITY OF ROSEVILLE AND CLIMATE EDGE LAW GROUP, AND AUTHORIZING THE CITY MANAGER TO EXECUTE IT ON BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, an agreement for legal services, by and between the City of Roseville and Climate Edge Law Group, 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 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 _____, 2025, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

AGREEMENT FOR LEGAL SERVICES

THIS AGREEMENT is made and entered into this ____ day of _____, 2025, by and between the City of Roseville, a municipal corporation (“CITY”), and the law firm Climate Edge Law Group, a California professional corporation (“ATTORNEY”); and

WITNESSETH:

WHEREAS, CITY from time to time is in need of attorneys to provide legal services and assistance to the Roseville City Attorney (“City Attorney”); and

WHEREAS, ATTORNEY is willing to provide such representation on an hourly and non-contingency fee basis.

NOW, THEREFORE, the parties agree as follows:

1. Scope of Services and Duties. CITY employs and retains ATTORNEY to provide legal services from time to time upon the request of the City Attorney to advise, assist and represent CITY as co-counsel with the City Attorney with respect to such litigation and transactional matters as may be referred to ATTORNEY by the City Attorney. ATTORNEY shall list the City Attorney as co-counsel of record on all pleadings and papers in referred cases, unless directed otherwise by the City Attorney.

Services shall also include an annual audit letter provided by ATTORNEY at no charge to CITY.

2. Specific Work Assignments. ATTORNEY shall receive work assignments from the City Attorney. The work assignments shall generally be communicated by written notice from the City Attorney to ATTORNEY. If a work assignment is communicated orally, ATTORNEY shall provide a written confirmation to the City Attorney describing the work assignment.

ATTORNEY shall take reasonable steps to keep CITY (and City Attorney) informed in writing of progress and immediately following any significant developments and/or meetings, and to respond to CITY inquiries. ATTORNEY shall list the City Attorney as co-counsel of record on all pleadings and papers in referred cases. The City Attorney’s Office shall be promptly provided a copy of all research work product, pleadings, briefs, documents and correspondence.

Work performed for CITY shall be performed by and/or supervised by attorneys who are approved by the City Attorney and experienced in the practice area in which the services are being performed.

3. Attorney-Client Relationship. This Agreement creates an attorney-client relationship between CITY and ATTORNEY. Accordingly, the legal services performed pursuant to this Agreement will be protected by the attorney-client privilege unless the CITY waives the privilege or a court determines that the legal services are not subject to the privilege.

4. Fees for Services. For legal services performed under this Agreement, CITY shall pay ATTORNEY in accordance with the following rates:

Senior Attorneys (25 year or more): Up to \$700 per hour
Attorneys (15-25 years): Up to \$600 per hour
Others, including Contract Attorneys: As approved by the CITY
Paralegals and Law Clerks: Up to \$325 per hour

Any proposed increase in the effective rates for future cases or matters must be preceded by at least a 90-day written notice to the City Attorney.

5. Costs and Expenses. In addition to compensation for fees, the CITY shall reimburse ATTORNEY for out-of-pocket costs and expenses actually incurred by ATTORNEY in connection with the legal services provided by ATTORNEY. Out-of-pocket costs and expenses, including, but not limited to, reasonable travel expenses, costs of serving pleadings, filing fees, other charges assessed by courts and other public agencies, court reporter's fees, jury and witness fees, computer-assisted research charges, consultant and expert witness fees.

Reproduction costs incurred in the normal course of business, postage, long distance phone charges and fax transmission charges shall be considered ATTORNEY overhead and not directly charged to CITY.

Research exceeding one hour and multiple revisions of documents relating to single topics, although understandably necessary in situations that are unique or extremely complex, must be avoided and are subject to being disallowed for payment unless approved in advance by the City Attorney.

6. Statements and Payments. ATTORNEY shall provide monthly invoices to the CITY for all fees and expenses. The invoice shall be itemized to include, at a minimum, the time spent by each service provider, the total time spent by each service provider, and a description of services performed during the itemization period. ATTORNEY shall keep time in 1/10th of an hour increments. Invoices shall be considered due and payable upon receipt, and shall be overdue thirty (30) calendar days after receipt.

7. Term; Termination; Amendments. This Agreement shall be effective upon approval by the Roseville City Council and shall continue in effect until terminated by either party. This Agreement may be terminated by CITY, with or without cause, at any time upon written notice. However, ATTORNEY may terminate this Agreement only upon the consent of CITY or upon sixty (60) calendar days' written notice. Upon termination, ATTORNEY shall turn over all client files to CITY.

There shall be no amendment or modification to this Agreement except by written agreement between the parties.

8. Certifications. ATTORNEY certifies that ATTORNEY accepts this employment because ATTORNEY has the time, energy and ability necessary to perform the duties required in an efficient, trustworthy and business-like manner. ATTORNEY certifies that ATTORNEY will do its utmost to serve CITY effectively and represent CITY's interests vigorously and efficiently. ATTORNEY certifies that neither ATTORNEY nor any of its personnel assigned under this Agreement has personal or financial interest in, nor any connection with, the matter or litigation which is the subject of this agreement, or with any of the personnel, officers, agents or employees of the parties to such matter or litigation.

9. Independent Contractor. ATTORNEY is and shall be considered an independent contractor with respect to the performance of legal services under this Agreement.

10. Insurance. ATTORNEY 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	\$2,000,000 each occurrence \$4,000,000 aggregate Personal Injury: \$2,000,000 each occurrence \$4,000,000 aggregate
Professional Liability (errors and omissions)	\$2,000,000 per claim

a. Form. ATTORNEY 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. ATTORNEY 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 ATTORNEY. The additional insured coverage under the ATTORNEY'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. ATTORNEY shall provide ten (10) calendar 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. Subconsultants. ATTORNEY agrees to include in its contracts with all subconsultants the same requirements and provisions of this Agreement, including the indemnity and insurance requirements, to the extent they apply to the scope of the subconsultant's work. Furthermore, ATTORNEY shall require its subconsultants to agree to be bound to ATTORNEY and CITY in the same manner and to the same extent as ATTORNEY is bound to CITY under this Agreement. Additionally, ATTORNEY shall obligate its subconsultants to comply with these same provisions with respect to any tertiary subconsultant, regardless of tier. A copy of CITY's indemnity and insurance provisions will be furnished to the subconsultant or tertiary subconsultant 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. ATTORNEY hereby agrees to waive subrogation which any insurer of ATTORNEY may acquire from ATTORNEY 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 ATTORNEY, its employees, agents and subconsultants.

h. Liability/Remedies. Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve ATTORNEY 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.

11. Indemnification. To the fullest extent allowed by law, ATTORNEY 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 ATTORNEY'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.

ATTORNEY'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.

12. Notice. All notices, invoices, reports or other communication required by this Agreement shall be properly given if delivered in person, or sent by first class mail, facsimile, or overnight delivery to the following addresses:

CITY:

Roseville City Attorney
311 Vernon Street
Roseville, CA 95678

ATTORNEY:

Climate Edge Law Group
3000 El Camino Real Building 4, Suite 200
Palo Alto, CA 95306
JHarris@CELawGroup.com

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

13. Disclaimer of Guarantee. ATTORNEY has made no promises or guarantees to CITY about the outcome of CITY's matter, and nothing in this Agreement shall be construed as such a promise or guarantee. ATTORNEY's comments about the outcome of CITY's matter are expressions of opinion only.

14. Assignment. Neither party to this Agreement shall assign any of its rights or obligations under this Agreement, except with the prior written consent of the other party. No assignment of this Agreement shall relieve the assigning party of any of its obligations under this Agreement until such obligations have been assumed by the assignee. Any assignment in violation of this paragraph shall be void.

15. 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.

16. 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.

17. Integrated Agreement. This is an integrated Agreement and contains all of the terms, considerations, understandings and promises of the parties. It shall be read as 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 ATTORNEY has caused this Agreement to be executed.

CITY OF ROSEVILLE, a
municipal corporation:

CLIMATE EDGE LAW GROUP, a
California professional corporation

BY: _____
DOMINICK CASEY
City Manager

BY: _____
its: Attorney At Law

ATTEST:

BY: _____
CARMEN AVALOS
City Clerk

APPROVED AS TO FORM:

BY: _____
MICHELLE SHEIDENBERGER
City Attorney



COUNCIL COMMUNICATION

CC #: 3794
File #: 0307-02

Title: Multi-Hazard Mitigation Plan - 2024 Progress Report
Contact: Joe Anderson 916-774-5440 jjanderson@roseville.ca.us

Meeting Date: 3/19/2025
Item #: 7.11.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council:

1. Adopt a resolution to accept the 2023 Multi-Hazard Mitigation Plan (MHMP) 2024 Progress Report for the November 2023 through November 2024 reporting period; and
2. Direct staff to continue implementing mitigation measures identified in the Multi-Hazard Mitigation Plan as funding allows to comply with the federal Disaster Mitigation Act of 2000.

BACKGROUND

Legislative Requirement

The federal Disaster Mitigation Act of 2000 (DMA2000) requires all local agencies in the country to adopt a federally approved Multi-Hazard Mitigation Plan (MHMP) in order to receive post-disaster mitigation funds. The MHMP must inventory potential natural hazards to which the City is most vulnerable and assess the risk of these hazards to the community's citizens, buildings, and critical facilities. The MHMP must also outline an action plan to reduce the City's risk and allow a swift and organized recovery should a disaster occur.

Previous Plans

Roseville's first MHMP was adopted by the City Council on July 20, 2005. The City prepared the first plan to meet Community Rating System (CRS) classification prerequisites, clearing the way for the City to become the first Class 1 community in the nation. CRS requirements further stipulate that the MHMP must be comprehensively updated every five years. The City's MHMP has undergone major updates three times, with each planning effort taking approximately 10 months and including extensive public outreach efforts and detailed hazard analysis. The most recent 2023 MHMP plan was adopted on November 15, 2023. Major updates have generally addressed new state and federal regulations and added elements such as risks associated with dam failure hazards, human-caused hazards, climate change impacts, planning area changes, use of current data (growth, building stock, demographic, hazard history, critical facilities, etc.) and revised hazard modeling. All risk assessments from prior plans have been included and updated,

except for the landslide hazard which was dropped with the creation of the 2023 plan.

Purpose of Annual Review

An annual review of the MHMP is required by the CRS recertification process and Section 21.3.4 of the adopted 2023 MHMP. Successful adoption of major 5-year plan updates, along with annual updates, are instrumental in demonstrating the City's continuous efforts to maintain the Class 1 rating. The annual review and the published progress report ensure that the MHMP remains dynamic and reflects the changing capabilities of the City. The suggested changes from this year's review will be recorded in this Council action and incorporated into the next five-year update, scheduled for 2028.

The annual review is also an opportunity for continuing public involvement. The MHMP Planning Team polled each City department to update the status of each of the 60 action items and reconvened the MHMP Steering Committee on December 4, 2024 to review progress and mitigation success stories. Additional action items along with comments from the Steering Committee are incorporated into the Progress Report.

Annual Review Ending November 2024

Significant progress was made in several key areas during the reporting period. Three substantial mitigation advancements include:

The City's Emergency Operations Plan (EOP) has undergone a major update. A final draft of the EOP is in review by key stakeholders and is expected to be distributed and adopted in early 2025.

The City is in the process of building a new Emergency Operations Center (EOC). This EOC will include a number of technology upgrades and will be larger than the current EOC. The new EOC setup will allow the space and equipment to be always "hot" and ready for use in an emergency scenario without the need for setup.

Staff completed a planning study to analyze structural and non-structural flood mitigation actions that could reduce the flooding risk in the vicinity of Coloma Way, upstream of Sunrise Ave. The "Cirby Creek Mitigation Actions Study" provides rankings for various potential improvements and cost/benefit analysis which will inform future mitigation action and potentially expand grant opportunities.

FISCAL IMPACT

Preparation of the Annual Report is funded by the General Fund within the Multi Hazard Plan Update Project budget. Staff time spent on the Progress Report is included in the annual work program. Mitigation measures are implemented as the various City departments have funding in their regular work programs and available grant funding.

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 (CEQA Guidelines §15061(b)(3)). Council acceptance of the Multi-Hazard Mitigation Plan Progress Report does not include potential for a significant environmental effect, and therefore is not subject to CEQA.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal C - Maintain a safe and healthy community

Respectfully Submitted,

Joe Anderson, Associate Engineer

Jason Shykowski, Public Works Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 25-065

2024 MHMP Progress Report

RESOLUTION 25-065

ACCEPTING THE 2023 CITY OF ROSEVILLE MULTI-HAZARD MITIGATION PLAN
2024 PROGRESS REPORT

WHEREAS, the Disaster Mitigation Act of 2000 requires all local agencies to submit a Multi-Hazard Mitigation Plan (MHMP) every five years to receive post-disaster mitigation funds; and

WHEREAS, the City's first MHMP was adopted by the City Council on July 20, 2005 with the most recent MHMP being adopted November 15, 2023; and

WHEREAS, an annual review of MHMP is required by the Community Rating System (CRS) recertification process and Section 21.3.4 of the adopted 2023 MHMP; and

WHEREAS, the annual review and the published progress report ensure that the Plan remains dynamic and reflects the changing capabilities of the City, and the suggested changes from this year's review will be recorded in this Council action and incorporated into the next five-year update scheduled for 2028.

NOW, THEREFORE, BE IT RESOLVED by the Council of the City of Roseville that it hereby accepts the 2023 City of Roseville Multi-Hazard Mitigation Plan 2024 Progress Report.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2025, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



2023 CITY OF ROSEVILLE MULTI-HAZARD MITIGATION PLAN

2024 PROGRESS REPORT

Reporting Period

The reporting period for this progress report is 11/28/2023 through 11/28/2024.

Background

Following a tradition of progressive and innovative planning, the City of Roseville City Council approved a major update to the Roseville Multi-Hazard Mitigation Plan (MHMP) on November 15, 2023. The MHMP details the City's vision for reducing risk from natural and human-caused hazards to the people, property, economy, and environment within the city. In accordance with requirements of the Disaster Mitigation Act of 2000, the City completed a 12-month process to update its 2016/17 MHMP in a way that provided as many tangible benefits for the City as possible from a single planning effort. These benefits are associated with grant funding eligibility and maintaining Roseville's Class 1 rating under FEMA's Community Rating System (CRS). The plan was approved by the Federal Emergency Management Agency's (FEMA) Region IX for compliance with Section 201.6, Chapter 44 of the Code of Federal Regulations on December 6, 2023. By completing this process, the City complied with the Disaster Mitigation Act and maintained eligibility for hazard mitigation grant funding opportunities afforded under the Robert T. Stafford Act. The plan is available to the public through the City of Roseville Public Library, and online at the following website:

www.roseville.ca.us/hazardplan

Purpose

The purpose of this report is to provide the Roseville City Council, stakeholders and citizens an annual update on implementation of the action plan identified in the MHMP. The objective of the annual evaluation is to ensure a continuous planning process that keeps the MHMP dynamic and responsive to the needs of the stakeholders. This report was prepared by the planning team. It was reviewed and confirmed by the MHMP Steering Committee, in accordance with Section 7.4 of the Plan, at the Steering Committee's annual meeting on December 4, 2024. This report discusses the following:

- Hazard events that have occurred within the last year
- New hazards or changes in community vulnerability
- Mitigation success stories
- Review of the action plan
- Impacts of other planning programs or actions that involve hazard mitigation

- Recommendations for changes/enhancement

Planning Committee

For the reporting period, the committee membership is listed in Table 1.

TABLE 1 STEERING COMMITTEE		
Name	Title	Jurisdiction/Agency
George Booth (Chair)	Citizen	City of Roseville Resident
Joe Anderson	Associate Engineer	City of Roseville
Jeff Beigh	Emergency Manager/ Police Captain	City of Roseville
Gina McColl	Economic Development Analyst	City of Roseville
Helen Dyda	Public Information Officer	City of Roseville
Erik Angle	Emergency Preparedness Program Coordinator	Sutter Roseville Medical Center
Ryan DeVore	Assistant City Manager	City of Roseville
Michael Algots	Hazardous Materials Manager	Union Pacific Railroad
Kevin McGoldrick	Support Services Administrator	Kaiser Permanente
Sean Morales	Associate Planner	City of Roseville
Dave Atkinson	Assistant Director	Placer County Office of Emergency Services

Mitigation Success Stories

During the current reporting period, the City had several mitigation success stories that reflect the City’s commitment to multi-hazard mitigation and the philosophy that the City Council and staff are responsible stewards of City resources.

Flooding is the costliest natural disaster within the United States. One of the most successful strategies to reduce this costly burden for any community is through “nonstructural” mitigation of the flood-prone buildings – relocating it outside of the floodplain, physically elevating it above the flood’s water surface elevation, or buying and demolishing the building from a willing seller and having the owner relocate into

a building outside of the floodplain. One Roseville neighborhood in the vicinity of Coloma Way and Trimble Way/Zien Court contains the largest remaining cluster of homes/buildings remaining within the FEMA Special Flood Hazard Area (SFHA). During the last year, Roseville conducted a planning study titled “Cirby Creek Hazard Mitigation Study” which corresponds to Action Items F-15 and F-24. This study will inform future potential projects to further reduce flood risk in that neighborhood. Both structural and non-structural actions were evaluated, and projects were ranked by cost/benefit and other factors. Staff will use the data and analysis in the study to guide future mitigation actions for the neighborhood and allow pursuit of flood mitigation grant funding, when possible.

The City’s Emergency Operations Plan (EOP), last updated in 2017, has undergone a complete overhaul in the last year. The new EOP is not yet finalized as of the date of this report, but a final draft is in review by key stakeholders. The final plan is expected to be distributed and adopted in early 2025. The City is also installing a new Emergency Operations Center (EOC) within a city-owned building which had vacant space. This EOC will include a number of technology upgrades and be larger than the previous EOC. This substantial upgrade within a permanent dedicated space also means the room will be always “hot” with live computers, power, and connected technology enabling the EOC to be stood-up quickly. The prior EOC required about 45 minutes of setup prior to use, as it was housed in a shared multi-purpose room.

The City of Roseville continued to participate in the FEMA National Flood Insurance Program (NFIP) and FEMA’s CRS program and re-certified its participation during the reporting period. The City’s CRS Class 1 classification first became effective on October 1, 2006. Flood insurance policy holders within the City for property owners in high hazard flood areas will receive up to a 45% premium discount based on this classification. This initiative will continue to be implemented on an ongoing basis, with a high priority. The City has maintained its Class 1 rating through the reporting period.

Summary Overview of the Plan’s Progress

The performance period for the 2023 City of Roseville MHMP became effective on November 28, 2023 as noted with the final approval of the plan by FEMA. The initial performance period for this plan will be 5 years, with an anticipated update to the plan to occur before November 28, 2028. The 2023 City of Roseville MHMP has targeted 60 hazard mitigation actions to be pursued during the 5-year performance period. As of the reporting period, the following overall progress can be reported:

- 9 out of 60 initiatives (15%) reported progress toward completion.
- 8 out of 60 initiatives (13%) reported no action taken.
- 0 out of 60 initiatives (0%) were completed.
- 43 out of 60 initiatives (72%) indicated work is conducted as an ongoing capability.
- 0 initiatives were removed due to elimination of a program.

Review of the Action Plan

This section reviews the action plan and lists the status of each initiative from the hazard mitigation plan, grouped by the agency or department responsible for its completion. The Action Plan Matrix in Table 2 provides the following information:

- Initiative number and brief summary; initiative numbers are coded by hazard type as follows:
 - DF = dam failure
 - D = drought
 - EQ = earthquake
 - F = flood
 - HC = human-caused
 - HH = human health
 - SW = severe weather
 - WF = wildland fire
 - MH = multiple hazards
- Indication of whether any action has been taken
- Current timeline
- Indication of whether the project priority has changed
- Comments, including the following information:
 - Was any element of the initiative carried out during the reporting period?
 - If no action was completed, why?
 - Is the timeline for implementation for the initiative still appropriate?
 - If the initiative was completed, does it need to be changed or removed from the plan?
- Status (Complete, Ongoing, In Progress, or No Progress)

TABLE 2 ACTION PLAN MATRIX				
Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
City of Roseville				
D-2 - Implement aquifer storage and recovery program that uses direct injection technique in areas identified as appropriate.				
Yes	Long Term (5+yrs.)	No	The City completed two additional Aquifer Storage & Recovery (ASR) wells during this reporting period, making nine total within the City. A long-term ASR operations plan has been developed and the City funds a capital improvement project (CIP) for building of the next batch of ASR wells. The locations of these new	In Progress

			wells will be driven by the conclusions in the Groundwater Strategic Plan.	
D-3 - Continue to implement the Environmental Utility Department's recycled water program and seek all opportunities to expand its coverage, currently focusing on urban growth areas. The City pumps recycled water through a system of purple pipes completely separate from potable (drinking water) pipes. The City pumps the recycled water to customers such as streetscapes, golf courses and parks, where it irrigates turf and shrubs. Using recycled water for uses such as landscape irrigation reduces demand on the potable water system, creating a more reliable water supply for the entire City. Recycled water is not subject to the effects of drought.				
Yes	Short Term (<5yrs.)	No	A Water Recycling Master Plan has been developed and is being implemented. This includes expanding recycled water in the region as well as finding opportunities in the existing service areas. Recycled water is considered as a resource in all new development areas being considered.	Ongoing Capability
D-4 - Promote active water conservation techniques and strategies to private property owners through Roseville-sponsored outreach projects such as printed media and the City's website.				
Yes	Short Term (<5yrs.)	No	Conservation efforts are an ongoing initiative of the Water Division. Environmental Utilities Water Efficiency section is enhancing their leak detection program, increasing water waste patrol, working with high water users in both our residential and commercial sectors, in addition to outreach and education related to water use efficiency.	Ongoing Capability
DF-1 - Create a dam failure element for the City's emergency response plan that includes a phased warning protocol in response to the findings of the Folsom Dam Containment Dike Risk Assessment.				
Yes	Short Term (<5yrs.)	No	The City's Emergency Operations Plan was updated during the reporting period and includes updates to the dam failure element.	In Progress
EQ-1 - Perform building-specific, structural seismic vulnerability assessment of City-owned critical facilities constructed prior to 1980 (including infrastructure). Included in this assessment will be recommended mitigation alternatives that meet goals and objectives of this Plan.				
Yes	Long Term (5+yrs.)	No	Major construction on any city-owned building would require an assessment of seismic vulnerability. The City will continue to apply for a Planning Grant under applicable FEMA programs to complete this task.	No Progress

EQ-2 - Incorporate earthquake mitigation measures for private property into existing City-sponsored outreach programs such as printed media and the City's website.				
Yes	Short Term (<5yrs.)	No	Information regarding earthquake safety and building requirements are communicated in existing Building Division literature made available at the front counter and on the City's website. In addition, the California Building Officials (CALBO) website has consumer web pages with information regarding seismic safety.	Ongoing Capability
EQ-3 - Reassess the overall vulnerability to the earthquake hazard using the best available science and technology as it becomes available. State-sponsored programs, Seismic Hazards Mapping Act, and future FEMA- sponsored initiatives are anticipated to create a wealth of knowledge regarding this hazard that did not exist during the preparation of this Plan.				
Yes	Short Term (<5yrs.)	No	Development Services will avail itself of any state- or federally-sponsored program aimed at improving seismic safety as they become available. At present, the City of Roseville and Placer County are not listed as affected by Department of Conservation Seismic Hazard Mapping Program(SHMP) zones.	Ongoing Capability
F-1 - The City shall designate all areas identified as the 100-year floodplain. The boundaries of the 100-year floodplain shall be as specified in the floodplain designations section of this component of the City's General Plan. Floodplain areas shall be preserved as specified in the open space and conservation element. Such preservation may include required dedication to the City. If needed, modify the City's ordinances to include floodplain use regulations consistent with the goals, policies, and implementation measures of the safety, land use, open space and conservation, and parks and recreation elements of the City's General Plan.				
Yes	Long Term (5+yrs.)	No	The city continued to implement its ongoing protocols and standard for identifying, mapping, and preserving the 100 year floodplain during this reporting period.	Ongoing Capability
F-2 - Refer any development proposal that has a direct or indirect impact on flood protection to Public Works for comment. In addition, forward such proposals to other agencies as applicable, including the U.S. Army Corps of Engineers, California Central Valley Flood Protection Board, FEMA, California Department of Fish and Wildlife, Placer County Resource Conservation District, and Placer County Flood Control District. Consider the comments of the agencies during the development review process.				
Yes	Short Term (<5yrs.)	No	Several capital and developer-led projects referred to outside agencies for permitting during the reporting period.	Ongoing Capability

F-3 - Continue City participation in the National Flood Insurance Program and the Community Rating System (CRS). Seek CRS classification improvements within capabilities of City programs, including adoption and administration of FEMA-approved ordinances and flood insurance rate maps (FIRM).

Yes	Short Term (<5yrs.)	No	The City of Roseville continued to participate in the NFIP and CRS programs and re-verified its participation in CRS during the reporting period. The City's CRS Class 1 classification became effective on October 1, 2006. Flood insurance policy holders within the City for property owners in flood areas will receive up to a 45% premium discount based on this classification. The City has maintained its Class 1 rating through the reporting period.	Ongoing Capability
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F-4 - Maintain Roseville's compliance and good standing under the National Flood Insurance program.

Yes	Short Term (<5yrs.)	No	A Community Assistance Visit (CAV) was last performed on the City of Roseville on March 27, 2023. This CAV found that the City was in full compliance and is in good standing under the NFIP.	Ongoing Capability
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F-5 - Continue the City's outreach program to flood-prone property owners and the citizens of Roseville, to help make them aware of the flood threat and how best to deal with them. This includes a full-page message in the City's Summer Recreation Guide which is mailed to all Roseville households. Additionally, messages are shared through the City's email newsletter, website, video, social media channels, and news media throughout the year.

Yes	Short Term (<5yrs.)	No	This is an on-going action that is a part of the City's CRS program.	Ongoing Capability
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F-6 - Continue to pursue a regional approach to flood issues by remaining actively involved in the Placer County Flood Control District. This involvement includes cooperation in the development of a comprehensive regional database. Continue to participate in regional flooding studies, including the Auburn Creek/Coon Creek/Pleasant Grove Creek flood mitigation plan and the Dry Creek watershed flood control plan.

Yes	Long Term (5+yrs.)	No	The City continued to be actively involved in the Placer County Flood Control & Water Conservation District (District) and participate in regional flood studies during this reporting period. Staff from the City's Floodplain Management Section attends the District meetings on a monthly basis and a City Councilmember serves on the District Board. Staff from the City's Floodplain Management Section	Ongoing Capability
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			activity contribute to the FEMA mapping update "CTP4" contract lead by the County.	
F-7 - Continue City coordination with other agencies on issues of flood control. Coordination between the City and adjacent jurisdictions occurs through several mechanisms, including distribution of development proposals for review and comment. Continue City cooperation with federal, state, and local agencies, including the U.S. Army Corps of Engineers, California Central Valley Flood Protection Board, FEMA, California Department of Fish and Wildlife, Placer County Resource Conservation District, and the Placer County Flood Control District.				
Yes	Short Term (<5yrs.)	No	The City continued to coordinate with other outside agencies on issues of flood control during this reporting period. The coordination typically occurs on a project-by-project basis and agencies are included in the meetings based on their particular jurisdiction or expertise.	Ongoing Capability
F-8 - Continue to develop, implement, and expand the Flood Alert and Early Warning Program systems and integrate the systems with other local jurisdictions to form a regional warning program.				
Yes	Long Term (5+yrs.)	No	The City continues to develop, implement, and expand the Flood Alert system. Efforts to upgrade all flood alert stations to the new ALERT 2 communication protocol were completed during the reporting period and grants have been closed-out. Three new stream gauge sites have also been added in the last year in new growth areas of the City for enhanced monitoring.	Ongoing Capability
F-9 - Ensure that future specific plans and specific plan amendments are consistent with the goals and policies of the General Plan. The specific plans shall include the designation and preservation of floodplain areas and adjacent habitat. Provisions shall be incorporated to ensure that public infrastructure, utilities, and emergency services remain functional during flood conditions. Such infrastructure and facilities include water, sewer and gas mains, telephone and electric lines, streets and bridges, hospitals, and fire and police stations. Financing mechanisms shall be explored to fund necessary flood protection improvements and maintenance. Development agreements may be used to secure implementation and funding provisions.				
Yes	Long Term (5+yrs.)	No	The city continued to implement its protocols and standard for reviewing proposed public infrastructure, utilities, and other emergency services so that they would remain functional during flood during this reporting period.	Ongoing Capability
F-10 - Monitor and regularly update City flood studies, modeling, and associated land use, zoning, and other development regulations at a minimum of every 5 years or whenever information becomes available that would				

significantly modify previous data. New information could include new studies, change in City policy, consideration of a major development project or specific plan, or implementation of a flood control project.

Yes	Long Term (5+yrs.)	No	During the reporting period, the City participated with FEMA through a fourth CTP contract (CTP4) to update FEMA floodplain maps and the related Flood Insurance Study (FIS); this was led by the Placer County Flood Control District. City staff submitted locally produced hydrologic & hydraulic studies and as-built plan sets for constructed flood defenses (approved via a LOMR) to improve the FEMA maps/study. When hydraulic models are updated for various projects, these models are then used as best available data.	Ongoing Capability
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F-11 - Require a master drainage plan as part of the approval process for all specific plans and large development projects as determined by the Public Works director. The master drainage plan should consider cumulative regional drainage and flooding mitigation. The plan's intent is to ensure that the overall rate of runoff from a project does not exceed predevelopment levels. If necessary, this objective shall be achieved by incorporating run-off control measures to minimize peak flows and/or assistance in financing or otherwise implementing comprehensive drainage plans.

Yes	Long Term (5+yrs.)	No	The City will continue to require preparation of master drainage plans and flood studies for new growth areas.	Ongoing Capability
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F-12 - Continue the Parks, Recreation & Libraries Department's regular creek maintenance program within the City's creeks and floodplain areas. This program clears and removes debris that could contribute to blockage and flooding and may include the removal of silt. This is only done in areas of high risk to flood damage or where property or facilities are threatened by flooding.

Yes	Long Term (5+yrs.)	No	The city continued to implement its ongoing protocol of inspecting and maintaining its creeks and streams during the reporting period. During the reporting period, the City implemented a new public feedback mobile application this year which allows residents to easily notify staff of fallen trees, erosion, blockages, etc. The app, called myRSVL, allows geo-referenced locations and photos to be submitted along with their request.	Ongoing Capability
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F-13 - Continue annual inspection and maintenance program of City storm drain systems. Review after every major storm system function and performance. This program removes debris that could contribute to blockage of the storm drain system.

Yes	Short Term (<5yrs.)	No	The City continued to implement its ongoing protocol of inspecting and maintaining its storm drain system during the reporting period. This initiative will continue to be implemented on an ongoing basis with a high priority. The creeks within Roseville are a part of the drainage system. The City implemented a new public feedback mobile application this year which allows residents to easily notify staff of fallen trees, erosion, blockages, etc. The app, called myRSVL, allows geo-referenced locations and photos to be submitted along with their request.	Ongoing Capability
F-14 - Complete the final phase of the Cirby/Linda/Dry Creek flood control project (Phase 2). Six of the seven phases of this project have been completed at a cost of about \$32,800,000 (in Oct. 2019 dollars). The basis for determining viability of this project will be a benefit /cost analysis to determine if project meets federal grant eligibility requirements.				
Yes	Long Term (5+yrs.)	No	No actions towards the completion of this initiative were completed during the reporting period. This will continue to be a long-term initiative with a low priority pending funding.	No Progress
F-15 - Analyze alternative improvements to the Cirby/Linda/Dry Creek flood control project that may be cost effective in the flood-prone areas of Roseville: Dry Creek from Darling Way to Riverside Avenue Area on Dry Creek upstream of Folsom Road in the Columbia Avenue/Marilyn Avenue/Bonita Street area Linda Creek near Champion Oaks Drive/Samoa Way/Hurst Way area Cirby Creek in the Trimble Way/Zien Court area.				
Yes	Long Term (5+yrs.)	No	Multiple actions towards the completion of this initiative were implemented during this reporting period. The City studied the viability of structural and non-structural actions available to the homes and buildings within the SFHA in the vicinity of Coloma Way and Trimble Wy/Zien Ct. This planning study will guide future improvements to reduce flood risk to that neighborhood. This will continue to be a long-term initiative with a low priority pending funding.	In Progress
F-17 - Divert the main drainage storm drain system down Crestmont Avenue to Cirby Way and then into Dry Creek so that the existing system will not exceed capacity. If system capacity is exceeded, the intersection on Cirby Way and Crestmont Avenue and nearby homes will flood during major flood events.				
Yes	Short Term (<5yrs.)	No	A constructable “shovel-ready” design for the engineered solution is complete. The City plans to bid	No Progress

			the project again for construction within the next 5-year CIP, as funding permits.	
F-18 - Continue to promote and sponsor programs to buy out, relocate, and flood-proof existing flood-prone structures within Roseville.				
Yes	Short Term (<5yrs.)	No	No opportunities have arisen during the reporting period. The City will continue to pursue flood hazard reduction via these "nonstructural mitigation measures" of additional properties with a high priority. This activity remains largely influenced by available grant funding.	No Progress
F-20 - Retrofit the City's Downtown library by sealing the exterior and installing a flood door to protect against flood damage should Dry Creek overflow the existing floodwall.				
Yes	Long Term (5+yrs.)	No	No progress was completed on this action item during the reporting period.	No Progress
F-21 - Continue the Tree Mitigation Fund program administered by the Parks Division in conjunction with non-profit organizations. The planting of oak trees in the open spaces adjacent to riparian zones increases infiltration and slows storm water surges.				
Yes	Other, please specify	No	The Tree Mitigation program for native oak woodland restoration uses oak mitigation funds for projects in the open spaces. Over 2,000 native oak trees were planted within Roseville open space during the last year. The oak plantings are maintained for 3 years and monitored for 5 years to ensure success criteria is met.	Ongoing Capability
F-22 - Manage beaver dam sites for flood control protection and habitat restoration after dam removal. One primary issue is impacts to floodwater capacity of creeks. Part of the desired comprehensive approach to beaver management includes establishment of quantitative and qualitative "carrying capacity," including acre-feet of flood capacity lost. Implement a standard monitoring and reporting process to track beaver dam locations, population, and impacts. Gain regulatory approval for beaver management techniques such as biological control and habitat manipulation using the most benign options first.				
Yes	Other, please specify	No	The Parks Division continues to use a Geographical Information Systems (GIS) database for tracking beaver dam locations and coordinates beaver removal per the City's Beaver Management Policy and Nuisance Abatement Ordinance. Beaver dam removal is also covered under the City's Routine Maintenance Agreement with the CDFW.	In Progress

F-23 - Develop the City's multi-use, multi-benefit stormwater water retention project for volumetric flood-flow mitigation within the Pleasant Grove Creek Watershed, the Pleasant Grove Stormwater Retention Facility (also referred to Reason Farms or the Al Johnson Wildlife Preserve).

Yes	Long Term (5+yrs.)	Yes	An RFP was released and awarded for this project within the reporting period to complete environmental study, permitting, and final design of the facility. City and Placer County have established an agreement to allow participation of certain Placer County developments in the fee program. Significant field study and data collection efforts are ongoing or completed within the last year.	In Progress
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F-24 – Leverage the results of the Cirby Creek Structure and Non-structural Hazard Mitigation Actions study by:

- 1) Constructing a floodwall upstream of Sunrise Avenue or
- 2) By promoting specific non-structural actions in the flood-prone neighborhood adjacent to Cirby Creek to reduce flood hazards there.

Yes	Short Term (<5yrs.)	Yes	This planning study was completed within the last year which will allow staff to evaluate which project alternative are worth pursuing based on cost/benefit analysis and other factors.	In Progress
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HC-1 - Commit support to initiatives within the Sacramento-Roseville-Arden-Arcade Metropolitan Statistical Area; continue to seek funding from other federal sources to fund its initiatives.

Yes	Short Term (<5yrs.)	No	The Police and Fire Departments are actively involved with the Sacramento Urban Area Security Initiative (UASI) in identifying training and equipment needs that can be funded through UASI. Training and other cooperative drills and efforts were conducted during the reporting period.	Ongoing Capability
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HC-2 - Enhance emergency response capability of City by contingency planning for specific events based on identified vulnerabilities.

Yes	Short Term (<5yrs.)	No	The Police Department continues to plan for specific response to critical incidents either by incident type or location. Two employee drills were conducted at all primary City building/campus locations. One drill was for fire evacuation, and the other drill was a shelter-in-place drill. The City has also implemented an	Ongoing Capability
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			employee emergency alert system which contacts staff in the event of an emergency.	
HC-3 - Seek to establish appropriate staffing levels of public safety personnel to provide immediate needs as well as anticipated needs in 1 year, 5 years, and 10 years.				
Yes	Short Term (<5yrs.)	No	The Police and Fire Chiefs meet regularly with the City leadership to discuss staffing levels and needs based on current trends, population growth, and calls for service. Staffing levels are addressed on an annual basis as part of the City's budget process.	Ongoing Capability
HC-4 - Prepare a site-specific vulnerability assessment of City- owned critical facilities that use the best available science and technology with regards to human-caused hazards.				
Yes	Short Term (<5yrs.)	No	The Police Department Threat Assessment Unit has conducted site assessments at numerous city facilities including Fire Stations, Libraries, the Corporation Yard complex, the Civic Center, and power facilities. Threat Assessment has also completed similar assessments for critical potential threat locations within the city to include the Galleria Mall and other identified locations with target potential. The Police Department's Threat Assessment Unit has conducted numerous site assessments during the reporting period, including city facilities and critical business and religious sites throughout the city.	Ongoing Capability
HC-5 - Address vulnerabilities identified in vulnerability assessment of water facilities performed by the Environmental Utilities Department in response to EPA initiative.				
Yes	Long Term (5+yrs.)	No	A Water System Security CIP was completed several years ago by the Environmental Utilities Department and continues to be updated as new facilities come online.	Ongoing Capability
HC-6 – Support first responding agencies during emergencies by adhering to state and local laws for the inventory, storage, and maintenance of the utility’s hazardous materials.				
Yes	Short Term (<5yrs.)	No	City Police and Fire work closely with private stakeholders to maintain awareness of hazardous materials to the extent practicable.	Ongoing Capability

HC-7 - Maintain compliance with federal, state, and local laws and regulations for the operation of the Roseville's power plants and the utility's engineering and operational activities.				
Yes	Long Term (5+yrs.)	Yes	All operating and compliance permits are being maintained by the power generation staff. Compliance with state and local laws is an ongoing practice.	Ongoing Capability
HC-9 - Protect the City's data, technology infrastructure and staff against malicious cyber-attacks and Cyber terrorism, such as but not limited to: Identity Theft Virus/Malware/Ransomware/Spyware/Spam/Phishing Network and system attacks Web site hacking Denial-of-service attacks				
Yes	Short Term (<5yrs.)	No	The Information Technology Department uses several strategies and technologies to combat Cyber-attacks including: • Anti-phishing capability • Internet content filtering • PCI-DSS compliance • Virus, malware, spyware and spam scanning • Perimeter firewalls report and prevent intrusions • Secure authentication • Regular data backups • Regular system patching • Encryption • EOC Cyber Security Incident Exercises • Cyber security notifications and alerts from MS-ISAC	Ongoing Capability
HC-10 - Improve evacuation transportation routes within the City of Roseville by removing traffic constrictions.				
Yes	Long Term (5+yrs.)	No	A number of roadway improvements have been made during the reporting period including a new roundabout at Washington Blvd and All American City Blvd, Pleasant Grove Blvd widening, and Blue Oaks Blvd widening.	Ongoing Capability
HH-1 - Continue to collaborate with the Placer County Health Department to ensure the health and welfare of the community.				
Yes	Short Term (<5yrs.)	No	Police and Fire collaboration with Placer County Health Department continues regularly and as-needed.	Ongoing Capability
HH-2 - Support the public education efforts of the Placer County Health Department and the Placer Mosquito Abatement District. This includes sharing important health and safety information through the City's communication channels, including but not limited to email newsletters, social media channels, video updates, website, collateral materials, and news media.				
Yes	Short Term (<5yrs.)	No	Public outreach continues for this topic utilizing a number of different media and methods.	Ongoing Capability

HH-3 - Collaborate with the Placer County Mosquito Abatement District to review resource protection policies that conflict with human health protection in the City of Roseville and work to resolve these policy issues.				
Yes	Short Term (<5yrs.)	No	The Placer Mosquito Abatement District and Roseville Environmental Coordinator are working together to both protect open space and wetland areas while limiting the amount of habitat for mosquitoes and vectors.	Ongoing Capability
MH-1 - Continue to maintain Office of Emergency Services certification of all City inspectors for post-disaster damage assessment.				
Yes	Short Term (<5yrs.)	No	All building inspectors are certified by the Office of Emergency Services. The Building Division will continue to make sure staff maintains their certifications and that the certifications are documented per the International Accreditation requirements.	Ongoing Capability
MH-2 - Continue to maintain the hazard mitigation page on City website that provides following types of information: The Hazard Management Plan and its progress reports, Hazard-specific information, Mitigation information by hazard, with specific emphasis on private property, Emergency response and warning information, Links to county, state, and federal related agencies.				
Yes	Short Term (<5yrs.)	No	The City continues to maintain its website as specified in the plan maintenance section of the plan. The website can be viewed at: roseville.ca.us/HazardPlan	Ongoing Capability
MH-3 - Establish/maintain a post-disaster action plan to be part of the City Emergency operations plan that will include following elements: Procedures for public information, Post-disaster damage assessment, Grant writing, Code enforcement, Redundant operations.				
Yes	Short Term (<5yrs.)	No	Local Emergency Operations Plan update was largely completed within the reporting period and will be finalized in early 2025.	In Progress
MH-4 - Implement an "Adopt an Open Space" program in coordination with the open space management program. Develop "adoption contracts" with neighborhoods, organizations, businesses, etc., describing the level of stewardship and the terms of the "adoption." Publicize these activities through online resource directory and other media to encourage participation through the Dry Creek Conservancy.				
Yes	Short Term (<5yrs.)	No	The program needs funding and resources to facilitate and bring back to its prior functional status. City will continue to research and seek funding opportunities.	No Progress

MH-5 - Develop and disseminate best practices information to private property owners whose land is adjacent to open space areas describing stewardship opportunities and owners' role in preserving beneficial uses of open space areas (including vernal pool grassland and creek or riparian uses). Offer classes to provide in-depth information, such as demonstration projects, techniques for ecologically friendly weed abatement and vegetation control, and creating a backyard habitat compatible with open space areas.

Yes	Short Term (<5yrs.)	No	The City has developed brochures and pamphlets to provide information on best management practices for residents living adjacent to open space areas as well as providing the benefits of the open space to the community. Opportunities for classroom-style education are being evaluated for the future.	In Progress
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MH-6 - Work with the Roseville City School District, local high school districts, and non-profit organizations to promote ecology-oriented curricula and stewardship activities. Identify resource and administrative barriers that may be limiting schools' abilities to more actively participate in stewardship and work collaboratively to identify solutions.

Yes	Long Term (5+yrs.)	No	No actions towards the completion of this initiative were completed during the reporting period. This will continue to be an ongoing initiative with a medium priority pending funding.	No Progress
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MH-7 - Strive to maintain high availability of essential communication services.

Yes	Short Term (<5yrs.)	No	A new radio tower was installed during the reporting period, which will help expand communication coverage in west Roseville where significant development has occurred in recent years.	Ongoing Capability
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MH-8 - Secure the City's physical locations that contain technology infrastructure.

Yes	Short Term (<5yrs.)	No	Both of the City's data centers are armed with perimeter alarm systems and internal and external security cameras. Also access to these sites is restricted to a limited number of city employees.	Ongoing Capability
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MH-9 – Work towards implementing the Multi-Hazard Mitigation plan and associated action items.

Yes	Short Term (<5yrs.)	Yes	The Steering Committee will continue to meet annually to review action items and consider the changing dynamic of the City's hazard risks and vulnerabilities. A progress report will be prepared	Ongoing Capability
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			annually to share with the public and City Council and posted on the City's website.	
MH-10 – Enhance the efficiency of the City's emergency operations and public communication by creating a dedicated space for Public Information Officers within an existing City building.				
Yes	Short Term (<5yrs.)	No	The City has hired a consultant to perform a space study which will inform the future design.	In Progress
MH-11 – Continued purchase of critical equipment, impacted by supply chain availability and/or regulatory requirements. These items are critical to the success (built out, maintenance) of Power Generation and Electric Operational Assets.				
Yes	Short Term (<5yrs.)	Yes	This is an ongoing program of Roseville Electric to both protect the public from hazards and to maintain the reliability of electricity service to Roseville Electric's customers.	Ongoing Capability
SW-1 – Continue the Shade Tree Program, an energy conservation rebate program provided by Roseville Electric.				
Yes	Short Term (<5yrs.)	No	This is an ongoing program of Roseville Electric to both protect the public from hazards and to maintain the reliability of electricity service to Roseville Electric's customers.	Ongoing Capability
SW-2 - Continue ongoing line clearing and weed abatement of electrical utility facilities in order to reduce public exposure to vegetation hazards and maintain higher reliability during severe weather conditions.				
Yes	Short Term (<5yrs.)	No	This is an ongoing program of Roseville Electric to both protect the public from hazards and to maintain the reliability of electricity service to Roseville Electric's customers.	Ongoing Capability
SW-3 - Continue education/outreach programs to improve winter preparedness and minimize loss of life or injury.				
Yes	Short Term (<5yrs.)	No	During October 2024, the City held an EOC exercise to prepare for sever flooding events. Due to ongoing training, the City of Roseville continues their ability to respond effectively to the needs of the community, which minimize impact to the built environment and loss of life and injury.	Ongoing Capability
SW-4 - Enhance and implement strategies for debris management and removal during severe weather events.				

Yes	Short Term (<5yrs.)	No	No change in the debris management and removal strategy that was adopted in 2009. The Parks and Open Space Divisions implemented an Emergency action plan for storm situations. Additional equipment continues to be added to the City's fleet to aid in debris removal efforts as/when needed.	No Progress
SW-5 - Continue to operate the Roseville Energy Park to support the City's electrical requirements and maintain service continuity during severe weather events.				
Yes	Short Term (<5yrs.)	No	The Roseville Energy Park (REP) is producing power and provides additional electric support to meet the City's electrical needs. In the event of a transmission line outage, the REP will help maintain electric service continuity.	Ongoing Capability
SW-6 - Continue to maintain and operate Roseville Power Plant #2 to support the City's electrical requirements and maintain service continuity during severe weather events.				
Yes	Short Term (<5yrs.)	No	Roseville Power Plant #2 is operated from the Roseville Energy Park Control Room. Roseville Power Plant #2 continues to provide additional peaking power to Roseville businesses and customers.	Ongoing Capability
WF-1 - Continue "Goat Grazing" program for removal of grassland in areas of Roseville potentially vulnerable to wildfire. Implement goat grazing in City open space and preserve areas for fire and invasive plant species management and native plant restoration.				
Yes	Short Term (<5yrs.)	No	The goat grazing program continues as the City grows. The City continues to look for opportunities to expand and maintain this practice.	Ongoing Capability
WF-2 - Enhance existing City public outreach programs to include information on fire safety, defensible spaces, and areas of concern.				
Yes	Short Term (<5yrs.)	Yes	Significant efforts to notify and enforce defensible space requirements during the reporting period.	Ongoing Capability

Changes to risk and the planning Area

The City of Roseville currently has no imminent growth areas requiring expansion of the corporate boundary. Long-term growth areas within the Sphere of Influence are generally situated to the west of Roseville's existing boundaries in the Curry Creek watershed. Any annexation by the City would prompt

updates to risk assessment within the new planning area in a future update to the MHMP. No additional hazard events occurred during the reporting period that would alter the risks that were assessed in the 2023 plan.

Recommendations for Changes or Enhancements

Based on the review of this report by the Planning Committee, the following recommendations will be noted for future updates or revisions to the plan. Table 3 lists the new initiatives added this reporting period. Please note that the following changes are cumulative from all prior progress reports for the performance period.

- Complete construction of the City’s new Emergency Operations Center (EOC) at 116 Grant St which also serves as Roseville Electric’s Department Operations Center.
- Familiarize key city staff, especially the Emergency Management Team (EMT), with the new EOC capabilities and layout.
- Continue to hold annual flood-related table-top exercises with the EMT.
- Continue to expand flood alert stream and precipitation gauge locations as the City corporate boundary grows and develops to the west.
- Regularly test the emergency alert system (Everbridge) for employees and citizens to familiarize people with the system.
- Refine city employee emergency contact capabilities and be vigilant about updating contact information in a central location.
- Continue to hold employee emergency/safety drills at the various city buildings and campuses so employees gain knowledge of how to act in various emergency scenarios.
- Roll-out the new Emergency Operations Plan to EMT staff, department heads, and key City staff and stakeholders to gain familiarity with the plan.
- Continue to seek grant funding for key mitigation projects.
- Continue to implement cyber security training, tests, and defenses with frequent campaigns to heighten City employee awareness, especially for phishing scams.

TABLE 3 NEW ACTIONS				
Action Taken?	Timeline	Priority Changed?	Comment (Describe progress or changed priority)	Status
No new actions were added during this reporting period				

Public review notice

The contents of this report are considered to be public knowledge and have been prepared for total public disclosure. The report is posted on the City of Roseville website. Any questions or comments regarding the contents of this report should be directed to:

Joe Anderson

City of Roseville

311 Vernon St.

Roseville, CA 95678

(916) 746-1300

PublicWorks3@roseville.ca.us



COUNCIL COMMUNICATION

CC #: 3802

File #: 0214 & 0800-04

Title: Rubberized Pavement Grant Program - Grant Authorization

Contact: Stefanie Kemen 916-774-5372 skemen@roseville.ca.us

Meeting Date: 3/19/2025

Item #: 7.12.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt a resolution authorizing the City Manager to designate the Assistant Public Works Director to execute all related forms and agreements for a Rubberized Pavement Grant Program application to the California Department of Resources Recycling and Recovery (CalRecycle).

BACKGROUND

The City operates a proactive street preventative pavement maintenance program designed to seal, protect, and preserve the underlying pavement of a road by placing relatively affordable asphalt resurfacing products. Preventative maintenance surface treatments provide a waterproof membrane to protect the existing asphalt surfaces and extend the life of the underlying pavement. This keeps the City's streets in good condition avoiding pavement failures that would require more costly rehabilitation and reconstruction. In addition, the City maintains a pavement management software database to help guide staff as to which streets should be resurfaced in any given year based on field inspections and pavement condition data collected at 3-year intervals. The software allows staff to resurface streets in a systematic way to get the most out of the City's limited funding for roadway maintenance.

The Sun City Resurfacing Project was planned as a multi-year project with four separate phases: Phase 1 (complete), Phase 2A (complete), Phase 2B, and Phase 3. Resurfacing within Phase 2B and Phase 3 included the application of rubberized chip seal products to a portion of the roadway. The estimated useful life of these improvements is 7 to 10 years.

In their October 5, 2022 meeting, Council authorized staff to apply to the California Department of Resources Recycling and Recovery (CalRecycle) for the Rubberized Pavement Grant Program for the use of Rubberized Asphalt Concrete (RAC) products with crumb rubber derived from only California-generated waste tires to be used on the Sun City Resurfacing Project. The City was awarded the funds and the project is complete.

CalRecycle requires an updated resolution authorizing the City Manager to designate authority to execute all grant related documents in order to receive the awarded funds.

FISCAL IMPACT

The awarded grant funding provides \$250,000 to be applied towards chip seal roadway improvements completed with the Sun City Resurfacing Project. Awarded monies offset costs that would have otherwise been charged to Highway User Tax (HUT) and Road Maintenance and Rehabilitation Act (RMRA) funding.

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

Goal A - Remain fiscally responsible in a changing world

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Stefanie Kemen, Assistant Public Works Director

Jason Shykowski, Public Works Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Resolution 25-071

RESOLUTION NO. 25-071

APPROVING A GRANT APPLICATION TO THE CALIFORNIA DEPARTMENT OF
RESOURCES RECYCLING AND RECOVERY, AND AUTHORIZING THE ASSISTANT
PUBLIC WORKS DIRECTOR TO EXECUTE ALL FORMS AND AGREEMENTS ON
BEHALF OF THE CITY OF ROSEVILLE

WHEREAS, the City operates a proactive street preventative pavement maintenance program designed to seal, protect, and preserve the underlying pavement of a road by placing relatively affordable asphalt resurfacing products; and

WHEREAS, on October 5, 2022, Council authorized staff to apply to the California Department of Resources Recycling and Recovery (CalRecycle) for the Rubberized Pavement Grant Program for the use of Rubberized Asphalt Concrete (RAC) products with crumb rubber derived from only California-generated waste tire to be used on the Sun City Resurfacing Project; and

WHEREAS, the City was awarded the funds and the project is complete, however CalRecycle requires an updated resolution authorizing designated staff to execute all grant related documents in order to receive the awarded funds.

NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Roseville hereby authorizes the Assistant Public Works Director to execute all forms and agreements related to the Rubberized Pavement Grant Program on behalf of the City of Roseville.

BE IT FURTHER RESOLVED that this resolution is effective upon execution by the Mayor and City Clerk and effective for a period of five (5) years.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2025, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



COUNCIL COMMUNICATION

CC #: 3787

File #: 0203-02 & 0201-01

Title: Fleet Services Vehicle Replacement - Budget Adjustment

Contact: Brandy LeBeau 916-774-5531 blebeau@roseville.ca.us

Meeting Date: 3/19/2025

Item #: 7.13.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt an ordinance to approve a \$240,000 budget adjustment to cover the additional cost of equipping 36 new Police Interceptor Utility replacements with the EcoBoost engine option (at \$5,000 per vehicle) and incorporating updated upfit requirements to align with the Police Department's operational needs.

BACKGROUND

The City's fleet replacement program ensures that replacement vehicles meet the current operational and efficiency standards, minimize downtime, and maximize functionality. The Police Interceptor Utility is a critical component of the Police Department's operations, providing reliable transportation and advanced performance capabilities for public safety personnel.

The department thoroughly reviewed current and future operational needs, including performance demands, fuel efficiency, and lifecycle costs. As part of this evaluation, the EcoBoost engine option was identified as a valuable enhancement, offering improved power and efficiency to support the rigorous demands of law enforcement activities. Additionally, updated upfitting requirements, such as advanced lighting, communication systems, and safety features, are necessary to align with modern operational standards.

The replacement of 36 Interceptor vehicles was previously approved as part of the FY2024-25 budget. The requested budget adjustment will allow the equipping of these vehicles with the EcoBoost engine option and incorporate the updated upfitting requirements. These enhancements will provide officers with vehicles that better support operational needs while ensuring responsible use of allocated funds.

FISCAL IMPACT

The total additional cost for the Police Interceptor update, including the EcoBoost engine, upfitting parts, and fleet migration, is \$240,000. Funding for the additional contribution to the Fleet

Replacement Fund to cover the additional expenditure will come from available resources in the FY2024-25 General Fund contingency 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 purchase of trucks, parts and services meets the above criteria and is not subject to CEQA. No additional environmental review is required.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

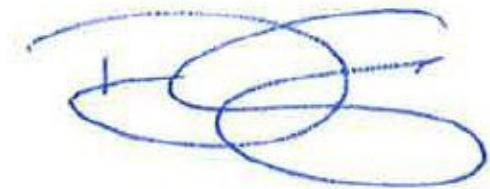
Goal A -Remain fiscally responsible in a changing world

Goal E -Deliver exceptional city services

Respectfully Submitted,

Brandy LeBeau, Fleet Manager

Jason Shykowski, Public Works Director

A handwritten signature in blue ink, consisting of several overlapping loops and a horizontal line extending to the right.

Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance 6916

ORDINANCE NO. 6916

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2024-25
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 2024-25, is hereby amended as listed on the attached budget adjustment for the Fleet Services Vehicle Replacement 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 _____, 2025, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



REQUEST FOR BUDGET ADJUSTMENT

Updated 11/22/2024

Please complete the cells highlighted in yellow.

REQUESTER NAME & TITLE:	Brandy LeBeau - PW Manager	FISCAL YEAR:	2024-25
PREPARER NAME & TITLE:	Brandy LeBeau - PW Manager	ORDINANCE:	
DEPARTMENT/DIVISION:	Public Works - Fleet Services		

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
1001	5670	10001		(240,000)	Decrease GF Contingency
1001	5516	44080		240,000	Increase Vehicle Shortage
4005	6552	62601		240,000	Increase Capital Outlay - Vehicles
EXPENDITURES/EXPENSES/TRANSFERS OUT TOTAL				240,000	

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
4005	4254	62601		240,000	Increase Fleet Replacement revenue
REVENUES/TRANSFERS INTOTAL				240,000	

NET ADJUSTMENT	-
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ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
FUND BALANCE TOTAL				-	

Justification for Budget Adjustment:

Staff is requesting approval for a budget adjustment of \$240,000 from the FY2024-25 General Fund Contingency budget to cover the cost of equipping 36 Police Interceptor utility vehicles with the EcoBoost engine option and necessary upfitting enhancements. This adjustment will ensure the vehicles meet updated operational needs, including improved power, fuel efficiency, and safety features for law enforcement.



COUNCIL COMMUNICATION

CC #: 3796

File #: 0900-04 & 0201-01

Title: Old Fiddymment Road Emergency Culvert Repair Project - Capital Improvement Project Approval, Contract Purchase Agreement, and Budget Adjustment

Contact: Jesse Khatkar 916-774-5434 jskhatkar@roseville.ca.us

Meeting Date: 3/19/2025

Item #: 7.14.

RECOMMENDATION TO COUNCIL

Staff recommends the City Council:

1. Approve the establishment of a new Capital Improvement Project - Old Fiddymment Road Emergency Culvert Repair Project,
2. Adopt a resolution finding that an emergency justifying waiver of bidding requirements under Section 7.21 of the Charter existed and ratifying the February 7th, 2025 Contract Purchase Agreement with DeSilva Gates Construction, LLC for the Old Fiddymment Rd Emergency Culvert Repair in the amount of \$600,000, and
3. Adopt the attached ordinance for a budget adjustment in the amount of \$600,000 (\$300,000 General Fund Contingency and \$300,000 Local Transportation Fund) to fund the emergency repairs.

BACKGROUND

In late December 2024 maintenance staff were notified of a sinkhole adjacent to a bike path which crosses Pleasant Grove Creek north of Orchard View Road within west Roseville. The sink hole was adjacent to a set of two culverts constructed with corrugated metal panels. The total creek crossing is approximately 70 feet. By reviewing record drawings, staff determined the culverts were originally constructed within then unincorporated Placer County in 1976 as the creek crossing of the original alignment of Fiddymment Road. Fiddymment Road has since been rerouted as part of the West Roseville Specific Plan and the original crossing was converted to a bike trail crossing of Pleasant Grove Creek.

The sinkhole was determined to be caused by a hole in a section of deteriorated corrugated metal culvert which allowed for soil to be pulled into creek during high water events. Staff began planning for a rehab project for the summer, once the rainy season ends. Staff performed a temporary repair and simultaneously engaged a structural engineer to help identify options for future repairs

to the culverts. Staff also continued to monitor the structure to determine if more immediate action was needed.

During a post-storm event inspection on February 5th, a new sinkhole was identified, and signs of structure failure were noted. Due to the magnitude of damage observed, staff closed the creek trail crossing to the public and determined that an emergency repair was necessary prior to the next forecasted rain (the following week) to prevent complete failure of the culvert. Failure of the culvert could result in its collapse, which would partially block the creek and could result in upstream flooding. This could have put homes and properties at risk if a high-water event occurred concurrent with structure failure. Additionally, taking emergency action yielded greater potential for the structure to be salvaged and repaired, rather than fully replaced. An initial estimate of full replacement costs could reach \$2 million.

Since the February 5th closure, staff have continued to consult with a structural engineer and formed an emergency construction contract with contractor DeSilva Gates. The contractor has excavated soil from above and adjacent to the failed section and placed erosion control measures to stabilize the structure. In coordination with staff and the structural engineer, the contractor is implementing a plan to repair and restore the structure. To date, approximately \$100,000 has been spent on the repair effort. If the repair is successful, staff anticipates the repair will cost \$250,000. If a repair is not successful, staff may be required to remove the structure and plan for a future replacement. The current not-to-exceed contract amount of \$600,000 will allow contract authority for staff to address the repair and potential full removal.

FISCAL IMPACT

The project is funded by:

- \$300,000 General Fund Contingency; and,
- \$300,000 Local Transportation Fund

The requested funding will allow for the design and construction of the emergency repairs. Additionally, staff is closely monitoring the costs to ensure the repair option is appropriate considering the age of the structure.

ENVIRONMENTAL REVIEW

The proposed project involves the maintenance and reconstruction of existing structures and facilities. This activity is categorically exempt from CEQA as a Class 2 Exemption (State CEQA Guidelines Section 15302). The Exemption has been prepared and no further CEQA action is required.

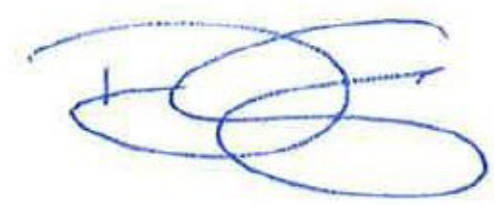
CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Jesse Khatkar, Senior Engineer

Jason Shykowski, Public Works Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Project Location Map

Resolution 25-067

Contract Purchase Agreement

Ordinance 6917

CEQA Exemption



DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
CAPITAL IMPROVEMENT PROJECTS

LOCATION MAP

DRAWN BY: E. DEMYANENKO

FEBRUARY 2025

REVIEWED BY: J. KHATKAR

SCALE: NONE

RESOLUTION NO. 25-067

ADOPTING A FINDING THAT AN EMERGENCY JUSTIFYING WAIVER OF THE BIDDING REQUIREMENTS UNDER SECTION 7.21 OF THE CHARTER EXISTED AND RATIFYING THE CITY MANAGER’S EXECUTION OF A CONTRACT PURCHASE AGREEMENT WITH DESILVA GATES CONSTRUCTION, LLC

WHEREAS, in late December 2024 maintenance staff were notified of a sinkhole adjacent to a bike path which crosses Pleasant Grove Creek north of Orchard View Road within West Roseville; and

WHEREAS, staff performed a temporary repair and continued to monitor the structure to determine if more immediate action was needed; and

WHEREAS, during a post-storm event inspection on February 5th, a new sinkhole was identified, signs of structure failure were noted, and staff entered into an emergency contract purchase agreement (3004406) with DeSilva Gates Construction, LLC; and

WHEREAS, Section 7.21 of the City of Roseville Charter provides that the City Council may waive the bidding requirements in case of an emergency; and

NOW, THEREFORE BE IT RESOLVED by the Council of the City of Roseville that the City Council hereby adopts a finding that an emergency justifying waiver of the bidding requirements under Section 7.21 of the Charter existed for the Old Fiddymment Road Culvert Repair project.

BE IT FURTHER RESOLVED by the Council of the City of Roseville that the City Manager’s execution of said agreement is hereby ratified on behalf of the City of Roseville.

PASSED AND ADOPTED by the Council of the City of Roseville this ____ day of _____, 2025, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



Contract Purchase Agreement 3004406

Supplier Details:

Company Desilva Gates Construction LLC
Contact Jennifer VanWegen
Address 7700 College Town Dr

Sacramento, CA 95826

Submit your response to:

Company City of Roseville
Contact "Becky" Rebecca Philipp
Address Purchasing Division
311 Vernon St
Roseville, CA 95678
Phone (916) 746-1110
Fax (916) 746-1115
E-mail BPhilipp@roseville.ca.us

This Contract Purchase Agreement is sent for your review and acceptance. Notify the Buyer via email of any needed changes to the company name, address, and contact information. The Buyer will update the agreement prior to you signing the document.

Return signed copies of the agreement to the Buyer noted on the agreement. Alterations or modifications to the agreement are not allowed. Upon receipt of all necessary documents, the City will sign the agreement and return a fully executed copy to you. Receipt of the signed copy will be your notice to proceed with the work in accordance with the terms and conditions of the agreement. Work must not begin until the contract has been fully executed.

The following guidelines must be followed for the signature block on the agreement:

Sole proprietorship - **By owner**

Partnership - **Any general partner**

Corporation - **Two options:**

(1) A signature from the President and the corporate seal; **OR**

(2) One signature from the Chairman of the Board, President, or any Vice President **AND** one signature from the Secretary, any Assistant Secretary, Chief Financial Officer, or any Treasurer or Assistant Treasurer of the corporation

*General Manager, Office Manager and/or Sales Manager are **not** corporate officer titles. The agreement will be rejected if not signed in accordance with these guidelines.

Insurance requirements:

The City's insurance requirements are referenced on Attachment A of the agreement. By signing the agreement, you are confirming that your company has the minimum insurance limits required.



Contract Purchase Agreement 3004406

Agreement	3004406
Agreement Date	07-FEB-2025
Revision	0
Agreement Amount	600,000.00 USD

Invoice To **City of Roseville**
Accounts Payable
311 Vernon St
ROSEVILLE CA 95678

Phone: (916) 774-5488

Fax: (916) 784-3796

Email: accountspayable@roseville.ca.us

Supplier **Desilva Gates Construction LLC**
 7700 College Town Dr

Sacramento, CA 95826

Phone: ()

Fax: ()

Email: jvanwegen@desilvagates.com

Description of Labor, equipment and/or materials: **VENDOR SHALL PROVIDE EMERGENCY FIDDYMENT CULVERT REPAIR SERVICES. COMPENSATION FOR TIME, MATERIALS, AND EQUIPMENT SHALL BE MADE, WITHOUT LIMITATION, IN ACCORDANCE WITH SECTIONS 7-1.02K AND 9-1.04.**

The State of California Department of Transportation ("Caltrans") Standard Specifications dated 2015, are hereby adopted as the Standard Specifications of the City of Roseville

ALL WORK MUST BE QUOTED AND APPROVED BY AN AUTHORIZED MEMBER OF THE PUBLIC WORKS DEPARTMENT BEFORE WORK CAN BEGIN.

START DATE: UPON EXECUTED AGREEMENT

END DATE: 6/30/25

PLEASE CONTACT JESSE KHATKAR IN THE PUBLIC WORKS DEPARTMENT AT (916) 774-5434 OR JSKHATKAR@ROSEVILLE.CA.US FOR QUESTIONS REGARDING THIS AGREEMENT.

*The total agreement amount is an approximation only. The City does not guarantee whatsoever the actual value of this contract.

Customer #	Supplier #	Payment Terms	Freight Terms	FOB	Shipping Method
	11271	Net 30	Freight on Board at the destination	Destination	Best Method
Start Date	End Date	Confirm To			

"Becky" Rebecca Philipp Phone 1-916-746-1110

Attention: Total Cost not to exceed the agreement amount without prior approval of the Purchasing office.

Contract Purchase Agreement 3004406

Contract Terms and Conditions

1. To the fullest extent allowed by law, Contractor shall defend, indemnify, and save and hold harmless the 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 Contractor'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 or active negligence or willful misconduct. 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.
2. Contractor is an independent contractor, and shall not be considered an officer, agent, or employee of the City.
3. Without the written consent of the City, this Agreement is not assignable by Contractor either in whole or in part.
4. Time is of the essence of this Agreement.
5. At any time during the term of this Agreement, the City has the right to terminate this Agreement, provided Contractor is given thirty (30) days written notice. City's termination shall be without further liability to City; however, Contractor shall be entitled to all costs reasonably incurred prior to the date of termination. Contractor acknowledges that City may terminate this Agreement should funds not be appropriated by its governing body to continue services under this Agreement.
6. This Agreement may only be amended or modified in writing. It is integrated and contains the complete understanding of the parties.
7. All equipment, supplies and services sold to the City of Roseville shall conform to the general safety orders of the State of California.
8. Unless notified to the contrary, in writing, the City assumes that the Contractor has accepted the work in accordance with the plans and specifications (if any) and agrees to do the work in compliance with this Agreement.
9. All prevailing wages and fair employment practices must be adhered to. For prevailing wage contracts over \$25,000, copies of certified payroll must be submitted with invoices. 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>. In compliance with Labor Code Section 1773.2, as may be amended from time to time, Contractor shall cause a copy of this website to be posted at each jobsite, as applicable.
10. Contractor agrees to the below insurance requirements:
 - a. Unless otherwise specified, the Contractor shall maintain the policies of insurance outlined in Attachment A, incorporated herein by this reference, in full force and effect during the term of this Agreement. The City of Roseville retains sole discretion in determining the types and proper levels of insurance coverage.
 - b. Form. Contractor 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

Contract Purchase Agreement 3004406

and the City Attorney.

- c. **Additional Insureds.** Contractor shall also provide a separate endorsement or section of the policy showing City, its officers, agents, employees, and volunteers as additional insureds for each type of coverage (except Workers' Compensation) and for ongoing and completed operations. Such insurance shall specifically cover the contractual liability of Contractor. The additional insured coverage under the Contractor'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.
- d. **Cancellation/Modification.** Contractor shall provide thirty (30) days written notice to City prior to cancellation or modification of any insurance required by this Agreement.
- e. **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.
- f. **Subcontractors.** Contractor 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, 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 Agreement. 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.
- g. **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.
- h. **Waiver of Subrogation.** Contractor hereby agrees to waive subrogation which any insurer of Contractor may acquire from Contractor 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 Contractor, its employees, agents and subcontractors.
- i. **Liability/Remedies.** Insurance coverage in the minimum amounts set forth herein shall not be construed to relieve Contractor 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.

Contract Purchase Agreement 3004406

11. Contractor shall comply with all federal, state and local laws and ordinances, including but not limited to the City's storm water regulations, as may be applicable to the performance of services under this Agreement. Failure to comply with local ordinances may result in monetary fines and cancellation of this Agreement. Refer to www.roseville.ca.us/stormwater for links to more information on the City's storm water regulations.
12. In the event that the terms of any attachment or exhibit conflict with any terms of this Agreement, the terms of this Agreement shall control.
13. This Agreement may be executed in one or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same instrument. In the event that any signature is delivered by facsimile transmission or by e-mail delivery of a ".pdf" format data file, such signature shall create a valid and binding obligation of the party executing (or on whose behalf such signature is executed) with the same force and effect as if such facsimile or ".pdf" signature page were an original thereof.
14. If either party commences any legal action against the other party arising out of this Agreement or the performance thereof, 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 attorneys' 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.
15. This Agreement shall be binding upon the heirs, successors, executors, administrators and assigns of the respective parties hereto.
16. 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.
17. For purposes of this Agreement, the terms "Contractor," "Consultant," and "Supplier" are used interchangeably.
18. 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 agreement, 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.
19. Vehicles with a gross vehicle weight rating (GVWR) greater than 8,500 lbs. and light-duty package delivery vehicles operated in California may be subject to the California Air Resources Board (CARB) Advanced Clean Fleets regulations. Such vehicles may therefore be subject to requirements to reduce emissions and air pollutants. For more information, visit the CARB Advanced Clean Fleet webpage at <https://ww2.arb.ca.gov/our-work/programs/advanced-clean-fleets>.
20. Contractor/consultant's duties and services under this agreement shall not include preparing or assisting the public entity with any portion of the public entity's preparation of a request for proposals, request for qualifications, or any other solicitation regarding a subsequent or additional contract with the public entity. The public entity entering this agreement shall at all times retain responsibility for public contracting, including with respect to any subsequent phase of this project. Contractor/consultant's participation in the planning, discussions, or drawing of project plans or specifications, if any, shall be limited to conceptual, preliminary, or initial plans or specifications. Contractor/consultant shall cooperate with the public entity to ensure that all bidders for a subsequent contract on any subsequent phase of this project have access to the same information, including all conceptual, preliminary, or initial plans or specifications prepared by contractor pursuant to this agreement.
21. Contractor must submit all claims as defined in and in accordance with the claim

Contract Purchase Agreement 3004406

resolution process set forth in Section 9204 of the Public Contract Code. 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. All claims must be received prior to acceptance of the work.

22. Contractor certifies that Contractor, its employees, directors, officers, agents, subcontractors, vendors, and volunteers are not presently debarred, excluded, suspended, declared ineligible, voluntarily excluded, or proposed for debarment, exclusion, suspension, or ineligibility by any federal, state, or local department or agency.
23. The Levine Act (Govt. Code, Section 84308) requires a Party (and its agent(s), if any) to a Proceeding before the City of Roseville that involves any action or consideration related to their contract, license, permit, or other entitlement for use, to disclose any campaign contributions made to City elected or appointed officers totaling more than \$250 within the twelve (12) months prior to the City decision and while a proceeding is pending, and includes certain prohibitions on contribution activity thereafter. If applicable campaign contributions have been made by Contractor and/or its agent(s), Contractor is responsible for compliance, including for its disclosure obligations, if any, as further described at: https://www.roseville.ca.us/government/departments/city_clerk/transparency/levine_act.
24. This Agreement may be amended via change order, but only if such change order is made in writing, approved by the City, and signed by both parties.
25. CONTRACTOR agrees to defend and indemnify CITY if, despite the parties intent and practice, any venue, agency, or court with competent jurisdiction determines that CONTRACTOR and/or any of its agents, officers, employees, volunteers, independent contractors, or subcontractors, are characterized as employee(s) of CITY.

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

The supplier named hereon by the acceptance of this order agrees to the provisions of this document titled "Contract Purchase Agreement" and all accompanying terms, conditions, and attachments.

Roseville Business License No. 00846346

Contractor License No. 1078219

DIR Registration No. 1000809185

Check mark the applicable company type below:

☐ Corporation

☒ Limited Liability Company

☐ Partnership

☐ Sole Proprietor

Contract Purchase Agreement 3004406

City Reserves the right to withhold any payments to contractor in the event of noncompliance with insurance requirements or if required by law.
Construction T&C
REV 3/21/24 JS

Contract Purchase Agreement 3004406

**ATTACHMENT A
HUMAN RESOURCES/RISK MANAGEMENT DIVISION
INSURANCE REQUIREMENTS
AGREEMENT OVER FORMAL BID LIMIT OR INVOLVING HIGH RISK ACTIVITIES**

General - Required Coverage/Documentation

- General Liability: \$1 Million per occurrence /\$2 Million aggregate
- Automobile Liability: \$1 Million combined single limit
- Workers' Compensation: Statutory *Must provide a Waiver of subrogation
- Additional Insured Endorsement (AIE) - General Liability policy: CG 20 38 04 13 or an equivalent, blanket endorsement or section of the policy. Endorsement shall cover the City of Roseville, its officers, agents, employees and volunteers as additional insured.
- Policies must be primary and non-contributory
- A 30 day notice of cancellation must be provided
- List certificate holder as: The City of Roseville - Insurance Compliance, PO Box 100085-R1, Duluth, GA 30096

Additional Liability/Insurance Requirements if required by Agreement (and marked below):

Construction: X

General Liability:
\$2 Million/occurrence
\$4 Million aggregate

Design Professional:

General Liability:
\$2 Million/occurrence
\$4 Million aggregate
Professional Liability:
\$2 Million/occurrence

Professional Consultant:

Professional Liability:
\$1 Million/occurrence

IT Services:

Professional Liability:
\$1 Million/occurrence
No auto required
Cyber Liability:
\$1 Million/occurrence

Hazardous Materials:

Pollution Liability:
\$1 Million/occurrence

Special Events/Caterers-Vendors:

No auto required
No workers' comp required

Professional Counseling/ Psychological:

Professional Liability:
\$1 Million/occurrence
No auto required

Pyrotechnics:

General Liability:
\$5 Million/occurrence
\$10 Million aggregate
Auto - \$2 Million/occurrence

Contract Purchase Agreement 3004406

Chemical/Environmental: _____

General Liability:

\$3 Million/occurrence

\$6 Million aggregate

Pollution – \$2 Million/Occurrence

Auto - \$2 Million/Occurrence

Insurance Submission Process

The City of Roseville Human Resources/Risk Management Department uses a service called EBIX to manage our insurance certificate tracking.

How It Works

- The vendor's contact information is entered into EBIX. EBIX will contact the vendor to request proof of insurance.
- The Vendor can forward the request to their Insurance Agent(s) if necessary.
- Vendor/Insurance Agent submits insurance to EBIX by email to roseville@ebix.com or by fax to (770) 325-5727. After faxing or emailing the certificate, please DO NOT send the certificate by mail to EBIX. Please do not mail, email or fax any certificates to the City of Roseville.
- Once submitted, EBIX reviews the insurance documentation. If there are deficiencies, EBIX will send a follow up letter or email requesting additional information.

Questions Regarding Insurance Submission: Contact EBIX at (951) 652-4239

Questions Regarding Insurance Requirements Contact Risk Management at (916) 774-5202

Contract Purchase Agreement 3004406

CALIFORNIA AIR RESOURCES BOARD REGULATION COMPLIANCE

Please indicate whether the Contractor is subject to, and/or in compliance with, the following regulations of the California Air Resources Board.

In-Use Off-Road Diesel-Fueled Fleets Regulation

- 1) Will vehicles subject to Cal. Code Regs., tit. 13, §§ 2449 et seq. be used for the project?
This includes, but is not limited to:
 - a) Vehicles with a diesel-fueled or alternative diesel fueled off-road compression-ignition engine with maximum power (max hp) of 25 horsepower (hp) or greater provided that the vehicle cannot be registered and driven safely on-road or was not designed to be driven on-road, even if it has been modified so that it can be driven safely on-road
 - b) Workover rigs
 - c) Certain two-engine vehicles

Yes X No _____
- 2) If you answered "Yes" to 1), you **must** submit a valid Certificate of Reported Compliance to the City as provided in Cal. Code Regs., tit. 13, § 2449(n).

Advanced Clean Fleets Regulation

Pursuant to Cal. Code Regs., tit. 13, § 2013(i)(1), the Contractor shall submit to the City a document evidencing that it is listed on the CARB Advanced Clean Fleets webpage as a compliant fleet **OR** a signed statement stating that it is not subject to the High Priority and Federal Fleets regulation of title 13, CCR section 2015 through 2015.6.

The High Priority Fleets regulation applies to, without limitation, entities with more than \$50 million in gross annual revenues and/or which own, operate, or direct the operation of 50 or more vehicles in the total fleet.

- 1) Is the Contractor subject to the High Priority and Federal Fleets regulation of title 13, CCR section 2015 through 2015.6?
Yes X No _____
- 2) If you answered "Yes" to 1), you **must** submit a document evidencing that you are listed on the CARB Advanced Clean Fleets webpage as a compliant fleet.

Signature: 
Michael Gates
Title: Vice President

*CARB Compliance
Rev 2/15/24 MC*

Contract Purchase Agreement 3004406

Supplier

Signature: 

Print Name: Michael Gates

Title: Vice President

Date: February 7, 2025

Supplier

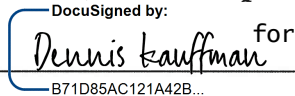
Signature: _____

Print Name: _____

Title: _____

Date: _____

City of Roseville, A Municipal Corporation

Signature: 
B71D85AC121A42B...

Print Name: **Dominick Casey**

Title: **City Manager**

Date: 2/7/25

California Environmental Protection Agency
Air Resources Board

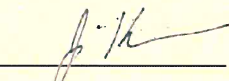
January 1, 2025

**CERTIFICATE OF REPORTED COMPLIANCE
OFF-ROAD DIESEL VEHICLE REGULATION**

is issued to

DESILVA GATES CONSTRUCTION LLC

This certificate indicates that the fleet listed above has reported off-road diesel vehicles to the California Air Resources Board and has certified they are in compliance with title 13 CCR, section 2449. All applicable vehicles owned by the individual, company, or agency must be reported and labeled, as specified in Section 2449, with all possible completeness, else this certificate is null and void. **Certificate expires 2/28/2026**



Jack Kitowski
Chief, Mobile Source Control Division
California Air Resources Board

Off-road Diesel Fleet Identification

1509

To verify the authenticity of this certificate, enter this number at
http://www.arb.ca.gov/doors/compliance_cert1.html

This page last reviewed January 16, 2024

Truck Regulation Upload, Compliance and Reporting System (TRUCRS)

Fleet Compliance Status Lookup

Here you can look up companies or fleets that have reported in TRUCRS and printed a certificate of reported compliance for CARB’s Truck and Bus, Solid Waste Collection Vehicle, Airport Shuttle Bus, and Advanced Clean Fleets regulations. This lookup allows you to search for fleets one at a time by entering any part of the company or fleet name, or TRUCRS ID, or Motor Carrier Number. Or you can [download a CSV file](#) that contains the entire compliant fleet lookup list.

If your fleet has reported in TRUCRS but is not showing up on this lookup, make sure you have selected the “Click to Confirm” button and then “Print Certificate” button from the “Compliance Status” tab in your TRUCRS account. Once a fleet prints their certificate of reported compliance in TRUCRS, that fleet will be included in this lookup after the next system update. The system updates fleet information every hour. Anyone who operates or directs the operation of any vehicle subject to the Truck and Bus or Advanced Clean Fleets regulations need to verify that each hired company is either in compliance with the regulation or has reported compliance to the California Air Resources Board.

Search Results

TRUCRS ID	Name	Carrier Number	Carrier Type	Complies	Date Certificate Printed	ZEV Fleet
29772	DESILVA GATES CONSTRUCTION LLC	CA648112	CA Number	ACF/TB	2025-01-09 01:16:25	N

[Truck and Bus Regulation Home](#)

ORDINANCE NO. 6917

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2024-25
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 2024-25, is hereby amended as listed on the attached budget adjustment for the Old Fiddymont Road Emergency Culvert Repair 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 _____, 2024, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



REQUEST FOR BUDGET ADJUSTMENT

Updated 11/22/2024

Please complete the cells highlighted in yellow.

REQUESTER NAME & TITLE:	Jesse Khatkar - Senior Engineer	FISCAL YEAR:	2024-25
PREPARER NAME & TITLE:	Jesse Khatkar - Senior Engineer	ORDINANCE:	
DEPARTMENT/DIVISION:	Public Works - Engineering		

EXPENDITURES/EXPENSES/TRANSFERS OUT

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
6520	5411	84001	500633	275,000	Establish project budget design and construction
6520	5301	84001	500633	25,000	Establish project budget design and construction
1001	5411	84001	500633	275,000	Establish project budget design and construction
1001	5301	84001	500633	25,000	Establish project budget design and construction
1001	5670	10001		(300,000)	Decrease General Fund contingency to fund the Emergency Culvert Repair of Old Fiddymment Road
EXPENDITURES/EXPENSES/TRANSFERS OUT TOTAL				300,000	

REVENUES/TRANSFERS IN

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
6520	4425	84001	500633	300,000	Establish project revenue budget
REVENUES/TRANSFERS IN TOTAL				300,000	

NET ADJUSTMENT	-
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FUND BALANCE

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
FUND BALANCE TOTAL				-	

Justification for Budget Adjustment:

Staff recommends that Council authorize the establishment of a new Capital Improvement Project – for 500633 - Old Fiddymment Road - Emergency Culvert Repair project and adopt an ordinance to approve a budget adjustment appropriating \$300,000 in the General Fund (using the General Fund contingency) and \$300,000 in the Transportation Fund (including matching Local Transportation Fund revenue) for a total project budget of \$600,000. This project is intended to perform emergency repairs to the culvert to prevent potential collapse of the structure.



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: Old Fiddymment Road Emergency Culvert Repair Project – Capital Improvement Project Approval, Contract Purchase Agreement, and Budget Adjustment

Project Location(s): Bike trail crossing of Pleasant Grove Creek, north of Orchard View Road Roseville, California.

Project Description: The project would allow for the emergency repair and/or replacement of a 70-foot bridge over Pleasant Creek north of Orchard View Road. The bridge is built atop two culverts constructed with corrugated metal panels and was formerly the creek crossing of the original alignment of Fiddymment Road. Fiddymment Road was rerouted as part of the West Roseville Specific Plan and the original crossing was converted to a bike trail crossing of Pleasant Grove Creek.

A section of the corrugated metal forming the northern culvert developed a hole, which allowed for soil to be pulled into the creek during high water events and has resulted in two sinkholes adjacent to the bike trail, and staff determined that the structure is beginning to fail. Failure of the culvert could result in collapse of the bridge, which would block the creek and could result in upstream flooding. Staff has performed temporary repairs and has determined that the structure must be repaired or possibly replaced.

In coordination with staff and a structural engineer, the contractor is implementing a plan to repair and restore the structure. If it is determined that the structure cannot be salvaged, staff may be required to remove the structure and plan for a future replacement. Neither repair nor replacement of the structure would result in changes to the structure's purpose or capacity.

Public Agency Approving Project: Roseville City Council

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

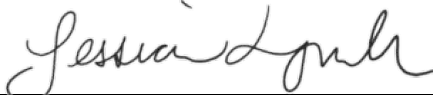
Reason why this Project is Exempt: This project qualifies for Class 1 and Class 2 Exemptions as described in Sections 15301 and 15302 of the California Environmental Quality Act (CEQA) guidelines which state:

"Class 1 consists of the...repair...of existing private or public structures [or] facilities involving negligible or no expansion of use...Examples include but are not limited to: (c) Existing highways and streets, sidewalks, gutters, bicycle and pedestrian trails, and similar facilities... and (d) Restoration or rehabilitation of deteriorated or damaged structures, facilities, or mechanical equipment to meet current standards of public health and safety..." and

“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...”

The project would either repair or replace the existing bridge, which includes repairs to the bike trail and the damaged culvert. If it is determined that the structure cannot be salvaged with repairs, the bridge and bike trail will be replaced with a like-for-like structure in the same location with the same purpose as the existing bridge. As mentioned above, the project would not result in an expansion or change in use.

Lead Agency Contact Person: Jesse Khatkar, Public Works Department, 311 Vernon Street, Roseville, CA 95678 (916) 774-5434.

Signature: 
Jessica Lynch, Environmental Coordinator
City of Roseville

Date: 3/6/2025



COUNCIL COMMUNICATION

CC #: 3800
File #: 0600-01

Title: Staffing Changes
Contact: Macy Dippert 916-774-5215 mdippert@roseville.ca.us

Meeting Date: 3/19/2025
Item #: 7.15.

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 City Council take the following actions:

1. Adopt an ordinance to approve the Management A & B salary schedules (Appendix I) reflecting the addition of a Business Systems Supervisor (1166A/1166B), Information Technology Supervisor (1167A/1167B), and Database Supervisor (1168A/1168B), effective March 22, 2025; and
2. Adopt an ordinance to approve the Local 39 A & B salary schedules (Appendix G) reflecting the deletion of the Courier (1450A/1450B) classification, effective March 22, 2025; and
3. Adopt an ordinance to approve the attached Temporary salary schedule (Appendix X) reflecting the addition of a Courier (1164), effective March 22, 2025; and
4. Adopt an ordinance to approve the Roseville Police Association (RPA) A & B Salary Schedules (Appendix D) reflecting the addition of Police Community Outreach Specialist (1163A/1163B), effective March 22, 2025; and
5. Motion to approve the attached city-wide allocation schedule effective March 22, 2025.

BACKGROUND

Add

Grade Codes	Classification Name	Monthly Salary Range Minimum	Monthly Salary Range Maximum	Bargaining Unit
1166A/1166B	Business Systems Supervisor	\$8,452	\$11,327	MGMT
1167A/1167B	Information Technology Supervisor	\$8,452	\$11,327	MGMT
1168A/1168B	Database Supervisor	\$8,452	\$11,327	MGMT
1163A/1163B	Police Community Outreach Specialist	\$5,202	\$7,320	RPA

Grade Codes	Classification Name	Hourly Rate Minimum	Hourly Rate Maximum	Bargaining Unit
1164	Courier	\$21.2880	\$23.2619	Temporary

Position	Position Number	Department
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Inventory Control and Supply Worker I/II	PWD628952002	Public Works
Police Community Outreach Specialist	POL441163001	Police

Delete

Grade Codes	Classification Name	Monthly Salary Range Minimum	Monthly Salary Range Maximum	Bargaining Unit
1450A/1450B	Courier	\$2952	\$4153	Local 39

Position	Position Number	Department
Economic Development Project Manager	EDD541001001	Economic Development

Reclassification

From	To	Position	Bargaining Unit
Senior Business Systems Analyst (ITD327130001, ITD327130002, ITD327130003)	Business Systems Supervisor	ITD321166001, ITD321166002, ITD321166003	MGMT
Senior Database Analyst (ITD321745001)	Database Supervisor	ITD321167001	MGMT
Senior Information Technology Analyst (ITD327194001)	Information Technology Supervisor	ITD321168001	MGMT
Data Management Specialist I/II (ELE701548002)	Electric Business Analyst I/II	ELE701312005	MGMT

Changes by Department:

Economic Development

The Economic Development Department is requesting that a vacant Economic Development Project Manager position be deleted after a recent promotional recruitment process, with the resulting vacancy deleted from the position allocation schedule.

Electric

The Electric Department requested to review the current Data Management Specialist I/II position to determine the appropriateness of the classification based on current assigned duties and responsibilities as well as the structure of the department. The position review resulted in a recommendation to reclassify the Data Management Specialist I/II position to an Electric Business Analyst I/II position as it more appropriately represents the duties performed in support of the new AMI system.

Information Technology

A classification study of the Senior Information Technology Analyst, Senior Database Analyst, and Senior Business Systems Analyst classifications was recently concluded. The recommendations include adding an Information Technology Supervisor, a Database Supervisor and a Business Systems Supervisor classification to address the added supervisory responsibilities due to increased staffing in response to a significant increase in Information Technology services and the need for succession planning in the Information Technology Department. This recommendation includes the reclassification of three (3) regular, full-time Senior Business System Analysts to

Business System Supervisors, one (1) regular, full-time Senior Database Analyst to Database Supervisor and one (1) regular, full-time Senior Information Technology Analyst to Database Supervisor positions.

The Information Technology Supervisor, Database Supervisor, and Business Systems Supervisor classifications will be set approximately fifteen percent (15%) above the Information Technology Analyst II classification.

Police

Staff recommends adding one (1) Police Community Outreach Specialist classification along with one (1) regular, full-time position to the Police Department to improve service delivery and address the growing needs of our community. A full-time outreach position is needed to provide mental health, victim advocacy, aging services, homelessness, and community engagement. The Police Community Outreach Specialist classification will be set approximately fifteen percent (15%) below the Police Social Services Practitioner I classification.

Public Works

Staff requests to add one (1) regular, full-time Inventory Control and Supply Worker I/II position to better support daily operations, assist the technicians and help manage the increased workload of ordering, receiving, and stocking parts.

FISCAL IMPACT

The estimated total cost of the recommended position adjustments for the remainder of FY2024-25 are as follows:

1. General Fund: \$14,488 (if needed later in the year, General Fund contingency will be requested to cover this increase)
2. IT Operations Fund: \$7,399 (covered by existing appropriations)
3. Fleet Services Fund: \$27,645 (covered by existing appropriations)
4. Electric Fund: \$15,091 (covered by existing appropriations)

Since all increases can be absorbed by current appropriations in each fund (or contingency funding later in the year), no budget adjustments are requested at this time.

Beyond this fiscal year, the recommended changes have an annual ongoing impact of \$53,811 to the General Fund, \$27,482 to the IT Operations Fund, \$102,681 to the Fleet Services Fund and \$56,051 to the Electric Fund. The following table provides a summary of costs for all Funds.

Fund	Remainder of FY2024-25	Ongoing
General Fund	\$14,488	\$53,811
IT Operations Fund	\$7,399	\$27,482
Fleet Services Fund	\$27,645	\$102,681
Electric Fund	\$15,091	\$56,051

Electric

From	To	Current Salary & Benefits	Proposed Salary & Benefits	Annual Impact *	Impact for remaining FY 2024-25
Data Management Specialist I/II	Electric Business Analyst I/II	\$183,275	\$239,326	\$56,051	\$15,091
			Total	\$56,051	\$15,091

*This amount includes the estimated annual pension cost of \$3,920.78.

Information Technology

From	To	Current Salary & Benefits	Proposed Salary & Benefits	Annual Impact *	Impact for remaining FY 2024-25
Senior Business Systems Analyst	Business Systems Supervisor	\$201,606	\$210,766	\$9,161	\$2,466
Senior Information Technology Analyst	Information Technology Supervisor	\$201,606	\$210,766	\$9,161	\$2,466
Senior Database Analyst	Database Supervisor	\$201,606	\$210,766	\$9,161	\$2,466
			Total	\$27,482	\$7,399

*This amount includes the estimated annual pension savings of \$1,922.36.

Public Works

From	To	Current Salary & Benefits	Proposed Salary & Benefits	Annual Impact *	Impact for remaining FY 2024-25
	Inventory Control and Supply Worker I/II	\$0	\$102,681	\$102,681	\$27,645
			Total	\$102,681	\$27,645

*This amount includes the estimated annual pension cost of \$7,182.63.

Police

From	To	Current Salary & Benefits	Proposed Salary & Benefits	Annual Impact *	Impact for remaining FY 2024-25
1,000-hour temporary salary	Police Community Outreach Specialist (RPA)	\$82,406	\$136,217	\$53,811	\$14,48
			Total	\$53,811	\$14,48

*This amount includes the estimated annual pension cost of \$9,528.50.

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

Respectfully Submitted,

Macy Dippert, Human Resources Manager

Stacey Peterson, Human Resources Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance 6919

2025-03-22 Management Salary Schedule - A

2025-03-22 Management Salary Schedule - B

Ordinance 6920

2025-03-22 Local 39 Salary Schedule - A

2025-03-22 Local 39 Salary Schedule - B

Ordinance 6921

2025-03-22 Temporary Salary Schedule

Ordinance 6922

2025-03-22 RPA Salary Schedule - A

2025-03-22 RPA Salary Schedule - B

2025-03-22 Citywide Position Allocation Schedule

ORDINANCE NO. 6919

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING
ORDINANCE NO. 6897, THE SALARY ORDINANCE FOR MANAGEMENT EMPLOYEES,
AS AMENDED BY APPENDIX "I" TO BE EFFECTIVE
MARCH 22, 2025, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 6897, 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>
1166A/1166B	Business System Supervisor	\$ 65.34
1167A/1167B	Information Technology Supervisor	\$ 65.34
1168A/1168B	Database Supervisor	\$ 65.34

SECTION 2. Salary Plan Effective Date.

This Ordinance shall be effective March 22, 2025 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 March 22, 2025. 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 _____, 2025, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

ATTEST:

MAYOR

City Clerk



City of Roseville

Salary Schedule: Management-A

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1370A	Accounting Manager-A	Step A	64.3748	5149.98	11158.30	133899.58
		Step B	67.5936	5407.49	11716.22	140594.69
		Step C	70.9734	5677.87	12302.06	147624.67
		Step D	74.5219	5961.75	12917.13	155005.55
		Step E	78.2480	6259.84	13562.99	162755.84
		Step F	82.1605	6572.84	14241.15	170893.84
		Step G	86.2684	6901.47	14953.19	179438.27
0043A	Accounting Supervisor-A	Step A	53.4073	4272.58	9257.27	111087.18
		Step B	56.0778	4486.22	9720.15	116641.82
		Step C	58.8816	4710.53	10206.14	122473.73
		Step D	61.8258	4946.06	10716.47	128597.66
		Step E	64.9170	5193.36	11252.28	135027.36
		Step F	68.1629	5453.03	11814.90	141778.83
		Step G	71.5710	5725.68	12405.64	148867.68



City of Roseville

Salary Schedule: Management-A

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9427A	Accounts Payable Supervisor-A	Step A	50.8639	4069.11	8816.41	105796.91
		Step B	53.4070	4272.56	9257.21	111086.56
		Step C	56.0773	4486.18	9720.07	116640.78
		Step D	58.8811	4710.49	10206.06	122472.69
		Step E	61.8252	4946.02	10716.37	128596.42
		Step F	64.9165	5193.32	11252.19	135026.32
		Step G	68.1624	5452.99	11814.82	141777.79
0090A	Alternative Transportation Manager-A	Step A	65.3235	5225.88	11322.74	135872.88
		Step B	68.5896	5487.17	11888.86	142666.37
		Step C	72.0191	5761.53	12483.31	149799.73
		Step D	75.6201	6049.61	13107.48	157289.81
		Step E	79.4011	6352.09	13762.86	165154.29
		Step F	83.3711	6669.69	14450.99	173411.89
		Step G	87.5395	7003.16	15173.51	182082.16



City of Roseville

Salary Schedule: Management-A

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1017A	Assistant Building Official-A	Step A	49.3608	3948.86	8555.87	102670.46
		Step B	51.8289	4146.31	8983.68	107804.11
		Step C	54.4203	4353.62	9432.85	113194.22
		Step D	57.1413	4571.30	9904.49	118853.90
		Step E	59.9986	4799.89	10399.76	124797.09
		Step F	62.9986	5039.89	10919.76	131037.09
		Step G	66.1483	5291.86	11465.71	137588.46
0245A	Assistant City Attorney-A	Step A	96.4157	7713.26	16712.05	200544.66
		Step B	101.2365	8098.92	17547.66	210571.92
		Step C	106.2982	8503.86	18425.02	221100.26
		Step D	111.6132	8929.06	19346.29	232155.46
		Step E	117.1938	9375.50	20313.59	243763.10
		Step F	123.0536	9844.29	21329.29	255951.49
		Step G	129.2062	10336.50	22395.74	268748.90



City of Roseville

Salary Schedule: Management-A

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0250A	Assistant City Clerk-A	Step A	49.2030	3936.24	8528.52	102342.24
		Step B	51.6633	4133.06	8954.97	107459.66
		Step C	54.2465	4339.72	9402.73	112832.72
		Step D	56.9588	4556.70	9872.86	118474.30
		Step E	59.8068	4784.54	10366.51	124398.14
		Step F	62.7970	5023.76	10884.81	130617.76
		Step G	65.9369	5274.95	11429.06	137148.75
0325A	Assistant City Manager-A	Step A	97.3749	7789.99	16878.32	202539.79
		Step B	102.2435	8179.48	17722.21	212666.48
		Step C	107.3558	8588.46	18608.34	223300.06
		Step D	112.7237	9017.90	19538.77	234465.30
		Step E	118.3598	9468.78	20515.70	246188.38
		Step F	124.2778	9942.22	21541.49	258497.82
		Step G	130.4916	10439.33	22618.54	271422.53



City of Roseville

Salary Schedule: Management-A

Appendix:I
Effective Date:03/22/2025

MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1021A	Assistant City Manager/Chief Financial Officer-A	Step A	97.3749	7789.99	16878.32	202539.79
		Step B	102.2435	8179.48	17722.21	212666.48
		Step C	107.3558	8588.46	18608.34	223300.06
		Step D	112.7237	9017.90	19538.77	234465.30
		Step E	118.3598	9468.78	20515.70	246188.38
		Step F	124.2778	9942.22	21541.49	258497.82
		Step G	130.4916	10439.33	22618.54	271422.53
1068A	Assistant Electric Analyst-A	Step A	38.1335	3050.68	6609.81	79317.68
		Step B	40.0402	3203.22	6940.30	83283.62
		Step C	42.0421	3363.37	7287.30	87447.57
		Step D	44.1443	3531.54	7651.68	91820.14
		Step E	46.3515	3708.12	8034.26	96411.12
		Step F	48.6692	3893.54	8435.99	101231.94
		Step G	51.1026	4088.21	8857.78	106293.41



City of Roseville

Salary Schedule: Management-A

Appendix:I
Effective Date:03/22/2025

MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0395A	Assistant Electric Utility Director-A	Step A	115.2602	9220.82	19978.43	239741.22
		Step B	121.0234	9681.87	20977.39	251728.67
		Step C	127.0747	10165.98	22026.28	264315.38
		Step D	133.4282	10674.26	23127.55	277530.66
		Step E	140.0998	11207.98	24283.97	291407.58
		Step F	147.1047	11768.38	25498.15	305977.78
		Step G	154.4600	12356.80	26773.07	321276.80
0411A	Assistant Environmental Utilities Director-A	Step A	78.7943	6303.54	13657.68	163892.14
		Step B	82.7340	6618.72	14340.56	172086.72
		Step C	86.8709	6949.67	15057.62	180691.47
		Step D	91.2141	7297.13	15810.44	189725.33
		Step E	95.7750	7662.00	16601.00	199212.00
		Step F	100.5638	8045.10	17431.06	209172.70
		Step G	105.5919	8447.35	18302.60	219631.15



City of Roseville

Salary Schedule: Management-A

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1026A	Assistant Finance Director-A	Step A	74.0301	5922.41	12831.88	153982.61
		Step B	77.7315	6218.52	13473.46	161681.52
		Step C	81.6182	6529.46	14147.15	169765.86
		Step D	85.6991	6855.93	14854.51	178254.13
		Step E	89.9841	7198.73	15597.24	187166.93
		Step F	94.4834	7558.67	16377.12	196525.47
		Step G	99.2075	7936.60	17195.97	206351.60
0480A	Assistant Fire Chief-A	Step A	76.3425	6107.40	13232.70	158792.40
		Step B	80.1595	6412.76	13894.31	166731.76
		Step C	84.1679	6733.43	14589.10	175069.23
		Step D	88.3761	7070.09	15318.52	183822.29
		Step E	92.7950	7423.60	16084.47	193013.60
		Step F	97.4347	7794.78	16888.68	202664.18
		Step G	102.3066	8184.53	17733.14	212797.73



City of Roseville

Salary Schedule: Management-A

Appendix:I
Effective Date:03/22/2025

MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0484A	Assistant Human Resources Director-A	Step A	66.7717	5341.74	11573.76	138885.14
		Step B	70.1097	5608.78	12152.35	145828.18
		Step C	73.6158	5889.26	12760.07	153120.86
		Step D	77.2966	6183.73	13398.08	160776.93
		Step E	81.1616	6492.93	14068.01	168816.13
		Step F	85.2195	6817.56	14771.38	177256.56
		Step G	89.4805	7158.44	15509.95	186119.44
9558A	Assistant Information Technology Director-A	Step A	70.1117	5608.94	12152.69	145832.34
		Step B	73.6176	5889.41	12760.38	153124.61
		Step C	77.2983	6183.86	13398.37	160780.46
		Step D	81.1631	6493.05	14068.27	168819.25
		Step E	85.2216	6817.73	14771.74	177260.93
		Step F	89.4824	7158.59	15510.28	186123.39
		Step G	93.9565	7516.52	16285.79	195429.52



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0510A	Assistant Police Chief-A	Step A	88.8557	7108.46	15401.65	184819.86
		Step B	93.2983	7463.86	16171.71	194060.46
		Step C	97.9635	7837.08	16980.34	203764.08
		Step D	102.8615	8228.92	17829.33	213951.92
		Step E	108.0047	8640.38	18720.81	224649.78
		Step F	113.4049	9072.39	19656.85	235882.19
		Step G	119.0752	9526.02	20639.70	247676.42
1148A	Assistant Public Works Director-A	Step A	73.0333	5842.66	12659.11	151909.26
		Step B	76.6850	6134.80	13292.07	159504.80
		Step C	80.5193	6441.54	13956.68	167480.14
		Step D	84.5452	6763.62	14654.50	175854.02
		Step E	88.7725	7101.80	15387.23	184646.80
		Step F	93.2110	7456.88	16156.57	193878.88
		Step G	97.8716	7829.73	16964.41	203572.93



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0086A	Assistant Transportation Planner-A	Step A	38.8960	3111.68	6741.97	80903.68
		Step B	40.8410	3267.28	7079.11	84949.28
		Step C	42.8829	3430.63	7433.04	89196.43
		Step D	45.0271	3602.17	7804.70	93656.37
		Step E	47.2782	3782.26	8194.89	98338.66
		Step F	49.6422	3971.38	8604.65	103255.78
		Step G	52.1244	4169.95	9034.90	108418.75
1067A	Associate Electric Analyst-A	Step A	41.9468	3355.74	7270.78	87249.34
		Step B	44.0443	3523.54	7634.35	91612.14
		Step C	46.2464	3699.71	8016.04	96192.51
		Step D	48.5588	3884.70	8416.86	101002.30
		Step E	50.9868	4078.94	8837.71	106052.54
		Step F	53.5360	4282.88	9279.57	111354.88
		Step G	56.2128	4497.02	9743.55	116922.62



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0088A	Associate Transportation Planner-A	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	44.9258	3594.06	7787.14	93445.66
		Step C	47.1719	3773.75	8176.46	98117.55
		Step D	49.5308	3962.46	8585.34	103024.06
		Step E	52.0070	4160.56	9014.55	108174.56
		Step F	54.6075	4368.60	9465.30	113583.60
		Step G	57.3379	4587.03	9938.57	119262.83
0910A	Budget Analyst I-A	Step A	40.8396	3267.17	7078.86	84946.37
		Step B	42.8814	3430.51	7432.78	89193.31
		Step C	45.0257	3602.06	7804.45	93653.46
		Step D	47.2770	3782.16	8194.68	98336.16
		Step E	49.6410	3971.28	8604.44	103253.28
		Step F	52.1228	4169.82	9034.62	108415.42
		Step G	54.7290	4378.32	9486.36	113836.32



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0915A	Budget Analyst II-A	Step A	44.9245	3593.96	7786.91	93442.96
		Step B	47.1706	3773.65	8176.24	98114.85
		Step C	49.5294	3962.35	8585.10	103021.15
		Step D	52.0056	4160.45	9014.30	108171.65
		Step E	54.6061	4368.49	9465.06	113580.69
		Step F	57.3366	4586.93	9938.34	119260.13
		Step G	60.2033	4816.26	10435.24	125222.86
0930A	Budget Manager-A	Step A	64.3748	5149.98	11158.30	133899.58
		Step B	67.5936	5407.49	11716.22	140594.69
		Step C	70.9734	5677.87	12302.06	147624.67
		Step D	74.5219	5961.75	12917.13	155005.55
		Step E	78.2480	6259.84	13562.99	162755.84
		Step F	82.1605	6572.84	14241.15	170893.84
		Step G	86.2684	6901.47	14953.19	179438.27



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1043A	Building Official-A	Step A	64.7760	5182.08	11227.84	134734.08
		Step B	68.0147	5441.18	11789.21	141470.58
		Step C	71.4155	5713.24	12378.69	148544.24
		Step D	74.9862	5998.90	12997.61	155971.30
		Step E	78.7354	6298.83	13647.47	163769.63
		Step F	82.6722	6613.78	14329.85	171958.18
		Step G	86.8058	6944.46	15046.34	180556.06
1141A	Building Plans Examiner Supervisor-A	Step A	48.3936	3871.49	8388.22	100658.69
		Step B	50.8134	4065.07	8807.66	105691.87
		Step C	53.3540	4268.32	9248.03	110976.32
		Step D	56.0217	4481.74	9710.43	116525.14
		Step E	58.8228	4705.82	10195.95	122351.42
		Step F	61.7639	4941.11	10705.74	128468.91
		Step G	64.8521	5188.17	11241.03	134892.37



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1166A	Business Systems Supervisor-A	Step A	48.7624	3900.99	8452.15	101425.79
		Step B	51.2006	4096.05	8874.77	106497.25
		Step C	53.7606	4300.85	9318.50	111822.05
		Step D	56.4486	4515.89	9784.42	117413.09
		Step E	59.2711	4741.69	10273.66	123283.89
		Step F	62.2346	4978.77	10787.33	129447.97
		Step G	65.3463	5227.70	11326.69	135920.30
1180A	Chief Information Officer-A	Step A	87.6399	7011.19	15190.92	182290.99
		Step B	92.0218	7361.74	15950.45	191405.34
		Step C	96.6231	7729.85	16748.00	200976.05
		Step D	101.4541	8116.33	17585.38	211024.53
		Step E	106.5267	8522.14	18464.63	221575.54
		Step F	111.8532	8948.26	19387.89	232654.66
		Step G	117.4459	9395.67	20357.29	244287.47



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1220A	City Clerk-A	Step A	72.4286	5794.29	12554.29	150651.49
		Step B	76.0500	6084.00	13182.00	158184.00
		Step C	79.8525	6388.20	13841.10	166093.20
		Step D	83.8452	6707.62	14533.17	174398.02
		Step E	88.0374	7042.99	15259.82	183117.79
		Step F	92.4393	7395.14	16022.81	192273.74
		Step G	97.0612	7764.90	16823.94	201887.30
1142A	City Librarian-A	Step A	56.0303	4482.42	9711.92	116543.02
		Step B	58.8318	4706.54	10197.51	122370.14
		Step C	61.7732	4941.86	10707.35	128488.26
		Step D	64.8623	5188.98	11242.80	134913.58
		Step E	68.1050	5448.40	11804.87	141658.40
		Step F	71.5106	5720.85	12395.17	148742.05
		Step G	75.0861	6006.89	13014.92	156179.09



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1368A	Code Enforcement Supervisor-A	Step A	44.8096	3584.77	7767.00	93203.97
		Step B	47.0501	3764.01	8155.35	97864.21
		Step C	49.4028	3952.22	8563.15	102757.82
		Step D	51.8729	4149.83	8991.30	107895.63
		Step E	54.4665	4357.32	9440.86	113290.32
		Step F	57.1897	4575.18	9912.88	118954.58
		Step G	60.0493	4803.94	10408.55	124902.54
1027A	Construction Inspection Superintendent-A	Step A	50.4254	4034.03	8740.40	104884.83
		Step B	52.9468	4235.74	9177.45	110129.34
		Step C	55.5942	4447.54	9636.33	115635.94
		Step D	58.3739	4669.91	10118.14	121417.71
		Step E	61.2924	4903.39	10624.02	127488.19
		Step F	64.3573	5148.58	11155.27	133863.18
		Step G	67.5751	5406.01	11713.02	140556.21



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3740A	Cultural Arts Supervisor-A	Step A	40.7846	3262.77	7069.33	84831.97
		Step B	42.8236	3425.89	7422.76	89073.09
		Step C	44.9649	3597.19	7793.92	93526.99
		Step D	47.2132	3777.06	8183.62	98203.46
		Step E	49.5738	3965.90	8592.79	103113.50
		Step F	52.0524	4164.19	9022.42	108268.99
		Step G	54.6551	4372.41	9473.55	113682.61
1025A	Custodian Supervisor-A	Step A	27.4703	2197.62	4761.52	57138.22
		Step B	28.8438	2307.50	4999.59	59995.10
		Step C	30.2860	2422.88	5249.57	62994.88
		Step D	31.8003	2544.02	5512.05	66144.62
		Step E	33.3903	2671.22	5787.65	69451.82
		Step F	35.0598	2804.78	6077.03	72924.38
		Step G	36.8128	2945.02	6380.89	76570.62



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1150A	Customer Care Manager-A	Step A	55.8361	4466.89	9678.26	116139.09
		Step B	58.6278	4690.22	10162.15	121945.82
		Step C	61.5592	4924.74	10670.26	128043.14
		Step D	64.6372	5170.98	11203.78	134445.38
		Step E	67.8691	5429.53	11763.98	141167.73
		Step F	71.2626	5701.01	12352.18	148226.21
		Step G	74.8257	5986.06	12969.79	155637.46
9561A	Data Management System Administrator-A	Step A	58.0505	4644.04	10062.09	120745.04
		Step B	60.9529	4876.23	10565.17	126782.03
		Step C	64.0007	5120.06	11093.45	133121.46
		Step D	67.2007	5376.06	11648.12	139777.46
		Step E	70.5608	5644.86	12230.54	146766.46
		Step F	74.0887	5927.10	12842.04	154104.50
		Step G	77.7934	6223.47	13484.19	161810.27



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1168A	Database Supervisor-A	Step A	48.7624	3900.99	8452.15	101425.79
		Step B	51.2006	4096.05	8874.77	106497.25
		Step C	53.7606	4300.85	9318.50	111822.05
		Step D	56.4486	4515.89	9784.42	117413.09
		Step E	59.2711	4741.69	10273.66	123283.89
		Step F	62.2346	4978.77	10787.33	129447.97
		Step G	65.3463	5227.70	11326.69	135920.30
1645A	Department Public Information Officer-A	Step A	50.7400	4059.20	8794.93	105539.20
		Step B	53.2772	4262.18	9234.71	110816.58
		Step C	55.9410	4475.28	9696.44	116357.28
		Step D	58.7380	4699.04	10181.25	122175.04
		Step E	61.6750	4934.00	10690.33	128284.00
		Step F	64.7588	5180.70	11224.86	134698.30
		Step G	67.9966	5439.73	11786.08	141432.93



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1655A	Deputy City Attorney I-A	Step A	69.2892	5543.14	12010.13	144121.54
		Step B	72.7536	5820.29	12610.62	151327.49
		Step C	76.3912	6111.30	13241.14	158893.70
		Step D	80.2108	6416.86	13903.21	166838.46
		Step E	84.2215	6737.72	14598.39	175180.72
		Step F	88.4325	7074.60	15328.30	183939.60
		Step G	92.8540	7428.32	16094.69	193136.32
1658A	Deputy City Attorney II-A	Step A	76.2181	6097.45	13211.14	158533.65
		Step B	80.0289	6402.31	13871.68	166460.11
		Step C	84.0304	6722.43	14565.27	174783.23
		Step D	88.2319	7058.55	15293.53	183522.35
		Step E	92.6435	7411.48	16058.21	192698.48
		Step F	97.2756	7782.05	16861.10	202333.25
		Step G	102.1395	8171.16	17704.18	212450.16



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1659A	Deputy City Manager-A	Step A	79.6715	6373.72	13809.73	165716.72
		Step B	83.6551	6692.41	14500.22	174002.61
		Step C	87.8378	7027.02	15225.22	182702.62
		Step D	92.2297	7378.38	15986.48	191837.78
		Step E	96.8412	7747.30	16785.81	201429.70
		Step F	101.6833	8134.66	17625.11	211501.26
		Step G	106.7674	8541.39	18506.35	222076.19
1280A	Development Services Business Systems Administrator-A	Step A	53.6022	4288.18	9291.05	111492.58
		Step B	56.2822	4502.58	9755.58	117066.98
		Step C	59.0964	4727.71	10243.38	122920.51
		Step D	62.0510	4964.08	10755.51	129066.08
		Step E	65.1538	5212.30	11293.33	135519.90
		Step F	68.4117	5472.94	11858.03	142296.34
		Step G	71.8319	5746.55	12450.86	149410.35



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1676A	Development Services Director-A	Step A	87.6401	7011.21	15190.95	182291.41
		Step B	92.0220	7361.76	15950.48	191405.76
		Step C	96.6232	7729.86	16748.02	200976.26
		Step D	101.4542	8116.34	17585.39	211024.74
		Step E	106.5271	8522.17	18464.70	221576.37
		Step F	111.8535	8948.28	19387.94	232655.28
		Step G	117.4459	9395.67	20357.29	244287.47
1695A	Development Services Manager-A	Step A	63.7847	5102.78	11056.01	132672.18
		Step B	66.9738	5357.90	11608.79	139305.50
		Step C	70.3226	5625.81	12189.25	146271.01
		Step D	73.8387	5907.10	12798.71	153584.50
		Step E	77.5307	6202.46	13438.65	161263.86
		Step F	81.4074	6512.59	14110.62	169327.39
		Step G	85.4778	6838.22	14816.15	177793.82



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2415A	EMS Quality Assurance Coordinator-A	Step A	56.9250	4554.00	9867.00	118404.00
		Step B	59.7711	4781.69	10360.32	124323.89
		Step C	62.7599	5020.79	10878.38	130540.59
		Step D	65.8981	5271.85	11422.34	137068.05
		Step E	69.1927	5535.42	11993.40	143920.82
		Step F	72.6525	5812.20	12593.10	151117.20
		Step G	76.2850	6102.80	13222.73	158672.80
6520A	ERP Program Manager-A	Step A	56.0911	4487.29	9722.46	116669.49
		Step B	58.8954	4711.63	10208.54	122502.43
		Step C	61.8400	4947.20	10718.93	128627.20
		Step D	64.9321	5194.57	11254.90	135058.77
		Step E	68.1786	5454.29	11817.62	141811.49
		Step F	71.5876	5727.01	12408.52	148902.21
		Step G	75.1671	6013.37	13028.96	156347.57



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1674A	Economic Development Analyst I-A	Step A	38.8967	3111.74	6742.09	80905.14
		Step B	40.8414	3267.31	7079.18	84950.11
		Step C	42.8833	3430.66	7433.11	89197.26
		Step D	45.0278	3602.22	7804.82	93657.82
		Step E	47.2792	3782.34	8195.06	98340.74
		Step F	49.6432	3971.46	8604.82	103257.86
		Step G	52.1252	4170.02	9035.03	108420.42
1675A	Economic Development Analyst II-A	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	44.9258	3594.06	7787.14	93445.66
		Step C	47.1719	3773.75	8176.46	98117.55
		Step D	49.5308	3962.46	8585.34	103024.06
		Step E	52.0070	4160.56	9014.55	108174.56
		Step F	54.6075	4368.60	9465.30	113583.60
		Step G	57.3379	4587.03	9938.57	119262.83



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1710A	Economic Development Director-A	Step A	83.4695	6677.56	14468.05	173616.56
		Step B	87.6434	7011.47	15191.52	182298.27
		Step C	92.0254	7362.03	15951.07	191412.83
		Step D	96.6266	7730.13	16748.61	200983.33
		Step E	101.4580	8116.64	17586.05	211032.64
		Step F	106.5310	8522.48	18465.37	221584.48
		Step G	111.8574	8948.59	19388.62	232663.39
1118A	Economic Development Manager-A	Step A	57.8844	4630.75	10033.30	120399.55
		Step B	60.7809	4862.47	10535.36	126424.27
		Step C	63.8202	5105.62	11062.17	132746.02
		Step D	67.0109	5360.87	11615.22	139382.67
		Step E	70.3613	5628.90	12195.96	146351.50
		Step F	73.8797	5910.38	12805.81	153669.78
		Step G	77.5734	6205.87	13446.06	161352.67



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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	53.6788	4294.30	9304.33	111651.90
		Step B	56.3627	4509.02	9769.53	117234.42
		Step C	59.1808	4734.46	10258.01	123096.06
		Step D	62.1398	4971.18	10770.90	129250.78
		Step E	65.2468	5219.74	11309.45	135713.34
		Step F	68.5093	5480.74	11874.95	142499.34
		Step G	71.9347	5754.78	12468.68	149624.18
1310A	Electric Business Analyst I-A	Step A	50.3365	4026.92	8724.99	104699.92
		Step B	52.8534	4228.27	9161.26	109935.07
		Step C	55.4962	4439.70	9619.34	115432.10
		Step D	58.2708	4661.66	10100.27	121203.26
		Step E	61.1845	4894.76	10605.31	127263.76
		Step F	64.2437	5139.50	11135.57	133626.90
		Step G	67.4559	5396.47	11692.36	140308.27



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1312A	Electric Business Analyst II-A	Step A	55.3699	4429.59	9597.45	115169.39
		Step B	58.1384	4651.07	10077.32	120927.87
		Step C	61.0452	4883.62	10581.17	126974.02
		Step D	64.0976	5127.81	11110.25	133323.01
		Step E	67.3024	5384.19	11665.75	139988.99
		Step F	70.6675	5653.40	12249.03	146988.40
		Step G	74.2009	5936.07	12861.49	154337.87
1066A	Electric Compliance Analyst I-A	Step A	50.3362	4026.90	8724.94	104699.30
		Step B	52.8531	4228.25	9161.20	109934.45
		Step C	55.4959	4439.67	9619.29	115431.47
		Step D	58.2705	4661.64	10100.22	121202.64
		Step E	61.1840	4894.72	10605.23	127262.72
		Step F	64.2432	5139.46	11135.49	133625.86
		Step G	67.4555	5396.44	11692.29	140307.44



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2335A	Electric Compliance Analyst II-A	Step A	55.3707	4429.66	9597.59	115171.06
		Step B	58.1393	4651.14	10077.48	120929.74
		Step C	61.0463	4883.70	10581.36	126976.30
		Step D	64.0985	5127.88	11110.41	133324.88
		Step E	67.3034	5384.27	11665.92	139991.07
		Step F	70.6686	5653.49	12249.22	146990.69
		Step G	74.2021	5936.17	12861.70	154340.37
1151A	Electric Customer Programs and Public Affairs Supervisor-A	Step A	70.0436	5603.49	12140.89	145690.69
		Step B	73.5459	5883.67	12747.96	152975.47
		Step C	77.2232	6177.86	13385.35	160624.26
		Step D	81.0842	6486.74	14054.59	168655.14
		Step E	85.1383	6811.06	14757.31	177087.66
		Step F	89.3953	7151.62	15495.19	185942.22
		Step G	93.8652	7509.22	16269.97	195239.62



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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	77.0480	6163.84	13354.99	160259.84
		Step B	80.9004	6472.03	14022.74	168272.83
		Step C	84.9454	6795.63	14723.87	176686.43
		Step D	89.1927	7135.42	15460.07	185520.82
		Step E	93.6523	7492.18	16233.07	194796.78
		Step F	98.3350	7866.80	17044.73	204536.80
		Step G	103.2516	8260.13	17896.94	214763.33
2284A	Electric Engineering Technician Supervisor-A	Step A	65.5575	5244.60	11363.30	136359.60
		Step B	68.8352	5506.82	11931.43	143177.22
		Step C	72.2770	5782.16	12528.01	150336.16
		Step D	75.8909	6071.27	13154.42	157853.07
		Step E	79.6852	6374.82	13812.10	165745.22
		Step F	83.6696	6693.57	14502.73	174032.77
		Step G	87.8532	7028.26	15227.89	182734.66



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2338A	Electric Operations Manager-A	Step A	100.2263	8018.10	17372.56	208470.70
		Step B	105.2376	8419.01	18241.18	218894.21
		Step C	110.4994	8839.95	19153.23	229838.75
		Step D	116.0246	9281.97	20110.93	241331.17
		Step E	121.8259	9746.07	21116.49	253397.87
		Step F	127.9170	10233.36	22172.28	266067.36
		Step G	134.3127	10745.02	23280.87	279370.42
2339A	Electric Operations Supervisor-A	Step A	91.1189	7289.51	15793.94	189527.31
		Step B	95.6750	7654.00	16583.67	199004.00
		Step C	100.4587	8036.70	17412.84	208954.10
		Step D	105.4814	8438.51	18283.44	219401.31
		Step E	110.7557	8860.46	19197.65	230371.86
		Step F	116.2935	9303.48	20157.54	241890.48
		Step G	122.1080	9768.64	21165.39	253984.64



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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	58.1358	4650.86	10076.87	120922.46
		Step B	61.0426	4883.41	10580.72	126968.61
		Step C	64.0948	5127.58	11109.77	133317.18
		Step D	67.2995	5383.96	11665.25	139982.96
		Step E	70.6645	5653.16	12248.51	146982.16
		Step F	74.1977	5935.82	12860.93	154331.22
		Step G	77.9077	6232.62	13504.00	162048.02
2316A	Electric Resources Planner II-A	Step A	63.9493	5115.94	11084.55	133014.54
		Step B	67.1469	5371.75	11638.80	139665.55
		Step C	70.5041	5640.33	12220.71	146648.53
		Step D	74.0294	5922.35	12831.76	153981.15
		Step E	77.7309	6218.47	13473.36	161680.27
		Step F	81.6175	6529.40	14147.03	169764.40
		Step G	85.6985	6855.88	14854.41	178252.88



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2216A	Electric Risk and Compliance Supervisor-A	Step A	70.0397	5603.18	12140.21	145682.58
		Step B	73.5416	5883.33	12747.21	152966.53
		Step C	77.2188	6177.50	13384.59	160615.10
		Step D	81.0796	6486.37	14053.80	168645.57
		Step E	85.1337	6810.70	14756.51	177078.10
		Step F	89.3904	7151.23	15494.34	185932.03
		Step G	93.8598	7508.78	16269.03	195228.38
2352A	Electric Safety Coordinator-A	Step A	42.7865	3422.92	7416.33	88995.92
		Step B	44.9255	3594.04	7787.09	93445.04
		Step C	47.1718	3773.74	8176.45	98117.34
		Step D	49.5306	3962.45	8585.30	103023.65
		Step E	52.0069	4160.55	9014.53	108174.35
		Step F	54.6072	4368.58	9465.25	113582.98
		Step G	57.3379	4587.03	9938.57	119262.83



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2319A	Electric Substation Supervisor-A	Step A	91.1189	7289.51	15793.94	189527.31
		Step B	95.6750	7654.00	16583.67	199004.00
		Step C	100.4587	8036.70	17412.84	208954.10
		Step D	105.4814	8438.51	18283.44	219401.31
		Step E	110.7557	8860.46	19197.65	230371.86
		Step F	116.2935	9303.48	20157.54	241890.48
		Step G	122.1080	9768.64	21165.39	253984.64
9560A	Electric Technology Systems Administrator-A	Step A	70.0437	5603.50	12140.91	145690.90
		Step B	73.5459	5883.67	12747.96	152975.47
		Step C	77.2231	6177.85	13385.34	160624.05
		Step D	81.0842	6486.74	14054.59	168655.14
		Step E	85.1384	6811.07	14757.32	177087.87
		Step F	89.3955	7151.64	15495.22	185942.64
		Step G	93.8652	7509.22	16269.97	195239.62



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1116A	Electric Utility Chief Operating Officer-A	Step A	126.7865	10142.92	21976.33	263715.92
		Step B	133.1259	10650.07	23075.16	276901.87
		Step C	139.7821	11182.57	24228.90	290746.77
		Step D	146.7713	11741.70	25440.36	305284.30
		Step E	154.1099	12328.79	26712.38	320548.59
		Step F	161.8153	12945.22	28047.99	336575.82
		Step G	169.9061	13592.49	29450.39	353404.69
2320A	Electric Utility Director-A	Step A	144.0772	11526.18	24973.38	299680.58
		Step B	151.2811	12102.49	26222.06	314664.69
		Step C	158.8453	12707.62	27533.19	330398.22
		Step D	166.7875	13343.00	28909.83	346918.00
		Step E	175.1269	14010.15	30355.33	364263.95
		Step F	183.8832	14710.66	31873.09	382477.06
		Step G	193.0773	15446.18	33466.73	401600.78



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2215A	Electric Utility Financial Administrator-A	Step A	70.0432	5603.46	12140.82	145689.86
		Step B	73.5452	5883.62	12747.83	152974.02
		Step C	77.2225	6177.80	13385.23	160622.80
		Step D	81.0835	6486.68	14054.47	168653.68
		Step E	85.1378	6811.02	14757.22	177086.62
		Step F	89.3947	7151.58	15495.08	185940.98
		Step G	93.8646	7509.17	16269.86	195238.37
2378A	Electronic Maintenance Coordinator-A	Step A	47.1965	3775.72	8180.73	98168.72
		Step B	49.5564	3964.51	8589.78	103077.31
		Step C	52.0342	4162.74	9019.26	108231.14
		Step D	54.6359	4370.87	9470.22	113642.67
		Step E	57.3676	4589.41	9943.72	119324.61
		Step F	60.2360	4818.88	10440.91	125290.88
		Step G	63.2477	5059.82	10962.93	131555.22



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2500A	Energy Services Account Representative I-A	Step A	50.1522	4012.18	8693.05	104316.58
		Step B	52.6599	4212.79	9127.72	109532.59
		Step C	55.2928	4423.42	9584.09	115009.02
		Step D	58.0574	4644.59	10063.28	120759.39
		Step E	60.9604	4876.83	10566.47	126797.63
		Step F	64.0084	5120.67	11094.79	133137.47
		Step G	67.2087	5376.70	11649.51	139794.10
2501A	Energy Services Account Representative II-A	Step A	55.1676	4413.41	9562.38	114748.61
		Step B	57.9259	4634.07	10040.49	120485.87
		Step C	60.8222	4865.78	10542.51	126510.18
		Step D	63.8633	5109.06	11069.64	132835.66
		Step E	67.0566	5364.53	11623.14	139477.73
		Step F	70.4094	5632.75	12204.30	146451.55
		Step G	73.9299	5914.39	12814.52	153774.19



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1277A	Engineering Manager-A	Step A	68.5204	5481.63	11876.87	142522.43
		Step B	71.9465	5755.72	12470.73	149648.72
		Step C	75.5432	6043.46	13094.15	157129.86
		Step D	79.3208	6345.66	13748.94	164987.26
		Step E	83.2866	6662.93	14436.34	173236.13
		Step F	87.4507	6996.06	15158.12	181897.46
		Step G	91.8234	7345.87	15916.06	190992.67
2540A	Environmental Coordinator-A	Step A	49.2046	3936.37	8528.80	102345.57
		Step B	51.6648	4133.18	8955.23	107462.78
		Step C	54.2482	4339.86	9403.02	112836.26
		Step D	56.9605	4556.84	9873.15	118477.84
		Step E	59.8086	4784.69	10366.82	124401.89
		Step F	62.7988	5023.90	10885.13	130621.50
		Step G	65.9389	5275.11	11429.41	137152.91



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2546A	Environmental Utilities Business Analyst I-A	Step A	40.8396	3267.17	7078.86	84946.37
		Step B	42.8815	3430.52	7432.79	89193.52
		Step C	45.0257	3602.06	7804.45	93653.46
		Step D	47.2769	3782.15	8194.66	98335.95
		Step E	49.6409	3971.27	8604.42	103253.07
		Step F	52.1229	4169.83	9034.64	108415.63
		Step G	54.7290	4378.32	9486.36	113836.32
2547A	Environmental Utilities Business Analyst II-A	Step A	44.9245	3593.96	7786.91	93442.96
		Step B	47.1708	3773.66	8176.27	98115.26
		Step C	49.5294	3962.35	8585.10	103021.15
		Step D	52.0056	4160.45	9014.30	108171.65
		Step E	54.6061	4368.49	9465.06	113580.69
		Step F	57.3366	4586.93	9938.34	119260.13
		Step G	60.2033	4816.26	10435.24	125222.86



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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	65.2227	5217.82	11305.27	135663.22
		Step B	68.4839	5478.71	11870.54	142446.51
		Step C	71.9082	5752.66	12464.09	149569.06
		Step D	75.5034	6040.27	13087.26	157047.07
		Step E	79.2786	6342.29	13741.62	164899.49
		Step F	83.2426	6659.41	14428.72	173144.61
		Step G	87.4047	6992.38	15150.15	181801.78
2541A	Environmental Utilities Compliance Administrator-A	Step A	51.3423	4107.38	8899.33	106791.98
		Step B	53.9093	4312.74	9344.28	112131.34
		Step C	56.6047	4528.38	9811.48	117737.78
		Step D	59.4350	4754.80	10302.07	123624.80
		Step E	62.4066	4992.53	10817.14	129805.73
		Step F	65.5270	5242.16	11358.01	136296.16
		Step G	68.8032	5504.26	11925.89	143110.66



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1684A	Environmental Utilities Director-A	Step A	98.4950	7879.60	17072.47	204869.60
		Step B	103.4196	8273.57	17926.06	215112.77
		Step C	108.5908	8687.26	18822.41	225868.86
		Step D	114.0202	9121.62	19763.50	237162.02
		Step E	119.7212	9577.70	20751.67	249020.10
		Step F	125.7073	10056.58	21789.27	261471.18
		Step G	131.9925	10559.40	22878.70	274544.40
1024A	Environmental Utilities Maintenance Superintendent-A	Step A	61.0186	4881.49	10576.56	126918.69
		Step B	64.0694	5125.55	11105.36	133264.35
		Step C	67.2728	5381.82	11660.62	139927.42
		Step D	70.6364	5650.91	12243.64	146923.71
		Step E	74.1683	5933.46	12855.84	154270.06
		Step F	77.8767	6230.14	13498.63	161983.54
		Step G	81.7705	6541.64	14173.55	170082.64



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MGMT	Management					
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1147A	Environmental Utilities Operations Superintendent-A	Step A	58.6184	4689.47	10160.52	121926.27
		Step B	61.5493	4923.94	10668.55	128022.54
		Step C	64.6268	5170.14	11201.98	134423.74
		Step D	67.8581	5428.65	11762.07	141144.85
		Step E	71.2510	5700.08	12350.17	148202.08
		Step F	74.8135	5985.08	12967.67	155612.08
		Step G	78.5543	6284.34	13616.08	163392.94
4321A	Facilities Supervisor-A	Step A	41.2777	3302.22	7154.80	85857.62
		Step B	43.3417	3467.34	7512.56	90150.74
		Step C	45.5086	3640.69	7888.16	94657.89
		Step D	47.7841	3822.73	8282.58	99390.93
		Step E	50.1733	4013.86	8696.71	104360.46
		Step F	52.6819	4214.55	9131.53	109578.35
		Step G	55.3161	4425.29	9588.12	115057.49



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1155A	Finance Director-A	Step A	85.1357	6810.86	14756.85	177082.26
		Step B	89.3925	7151.40	15494.70	185936.40
		Step C	93.8621	7508.97	16269.43	195233.17
		Step D	98.5553	7884.42	17082.92	204995.02
		Step E	103.4830	8278.64	17937.05	215244.64
		Step F	108.6572	8692.58	18833.91	226006.98
		Step G	114.0900	9127.20	19775.60	237307.20
2900A	Finance Manager-A	Step A	64.3748	5149.98	11158.30	133899.58
		Step B	67.5936	5407.49	11716.22	140594.69
		Step C	70.9734	5677.87	12302.06	147624.67
		Step D	74.5219	5961.75	12917.13	155005.55
		Step E	78.2480	6259.84	13562.99	162755.84
		Step F	82.1605	6572.84	14241.15	170893.84
		Step G	86.2684	6901.47	14953.19	179438.27



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0905ZA	Fire Battalion Chief 8Hr-ZA	Step A	63.0910	5047.28	10935.77	131229.28
		Step B	66.2455	5299.64	11482.55	137790.64
		Step C	69.5577	5564.62	12056.67	144680.02
		Step D	73.0357	5842.86	12659.52	151914.26
		Step E	76.6875	6135.00	13292.50	159510.00
		Step F	80.5218	6441.74	13957.11	167485.34
		Step G	84.5476	6763.81	14654.92	175859.01
0905A	Fire Battalion Chief-A	Step A	45.0648	5047.26	10935.72	131228.70
		Step B	47.3181	5299.63	11482.53	137790.31
		Step C	49.6841	5564.62	12056.67	144680.10
		Step D	52.1683	5842.85	12659.51	151914.09
		Step E	54.7767	6134.99	13292.48	159509.75
		Step F	57.5156	6441.75	13957.12	167485.43
		Step G	60.3914	6763.84	14654.98	175859.76



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3330A	Fire Chief-A	Step A	91.5156	7321.25	15862.70	190352.45
		Step B	96.0915	7687.32	16655.86	199870.32
		Step C	100.8958	8071.66	17488.61	209863.26
		Step D	105.9408	8475.26	18363.07	220356.86
		Step E	111.2378	8899.02	19281.22	231374.62
		Step F	116.7994	9343.95	20245.23	242942.75
		Step G	122.6394	9811.15	21257.50	255089.95
3332A	Fire Division Chief-A	Step A	69.4024	5552.19	12029.75	144356.99
		Step B	72.8724	5829.79	12631.22	151574.59
		Step C	76.5163	6121.30	13262.83	159153.90
		Step D	80.3420	6427.36	13925.95	167111.36
		Step E	84.3591	6748.73	14622.24	175466.93
		Step F	88.5769	7086.15	15353.33	184239.95
		Step G	93.0058	7440.46	16121.01	193452.06



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3332ZA	Fire Divison Chief 24Hr-ZA	Step A	49.5732	5552.20	12029.76	144357.16
		Step B	52.0519	5829.81	12631.26	151575.13
		Step C	54.6542	6121.27	13262.75	159153.03
		Step D	57.3870	6427.34	13925.91	167110.94
		Step E	60.2564	6748.72	14622.22	175466.64
		Step F	63.2692	7086.15	15353.33	184239.91
		Step G	66.4326	7440.45	16120.98	193451.73
2565A	Fleet Services Supervisor-A	Step A	41.0224	3281.79	7110.55	85326.59
		Step B	43.0735	3445.88	7466.07	89592.88
		Step C	45.2272	3618.18	7839.38	94072.58
		Step D	47.4887	3799.10	8231.37	98776.50
		Step E	49.8631	3989.05	8642.94	103715.25
		Step F	52.3562	4188.50	9075.07	108900.90
		Step G	54.9740	4397.92	9528.83	114345.92



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3451A	Government Relations Administrator-A	Step A	59.0428	4723.42	10234.09	122809.02
		Step B	61.9948	4959.58	10745.77	128949.18
		Step C	65.0946	5207.57	11283.06	135396.77
		Step D	68.3494	5467.95	11847.23	142166.75
		Step E	71.7668	5741.34	12439.58	149274.94
		Step F	75.3550	6028.40	13061.53	156738.40
		Step G	79.1228	6329.82	13714.62	164575.42
1647A	Government Relations Representative I-A	Step A	38.8967	3111.74	6742.09	80905.14
		Step B	40.8414	3267.31	7079.18	84950.11
		Step C	42.8833	3430.66	7433.11	89197.26
		Step D	45.0278	3602.22	7804.82	93657.82
		Step E	47.2792	3782.34	8195.06	98340.74
		Step F	49.6432	3971.46	8604.82	103257.86
		Step G	52.1252	4170.02	9035.03	108420.42



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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	42.7866	3422.93	7416.34	88996.13
		Step B	44.9258	3594.06	7787.14	93445.66
		Step C	47.1719	3773.75	8176.46	98117.55
		Step D	49.5308	3962.46	8585.34	103024.06
		Step E	52.0070	4160.56	9014.55	108174.56
		Step F	54.6075	4368.60	9465.30	113583.60
		Step G	57.3379	4587.03	9938.57	119262.83
3589A	Housing Manager-A	Step A	57.8844	4630.75	10033.30	120399.55
		Step B	60.7809	4862.47	10535.36	126424.27
		Step C	63.8202	5105.62	11062.17	132746.02
		Step D	67.0109	5360.87	11615.22	139382.67
		Step E	70.3613	5628.90	12195.96	146351.50
		Step F	73.8797	5910.38	12805.81	153669.78
		Step G	77.5734	6205.87	13446.06	161352.67



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3590A	Housing Supervisor-A	Step A	44.7334	3578.67	7753.79	93045.47
		Step B	46.9700	3757.60	8141.47	97697.60
		Step C	49.3184	3945.47	8548.52	102582.27
		Step D	51.7845	4142.76	8975.98	107711.76
		Step E	54.3734	4349.87	9424.72	113096.67
		Step F	57.0923	4567.38	9896.00	118751.98
		Step G	59.9469	4795.75	10390.80	124689.55
3594A	Human Resources Analyst I-A	Step A	39.9056	3192.45	6916.97	83003.65
		Step B	41.9009	3352.07	7262.82	87153.87
		Step C	43.9959	3519.67	7625.96	91511.47
		Step D	46.1958	3695.66	8007.27	96087.26
		Step E	48.5056	3880.45	8407.64	100891.65
		Step F	50.9307	4074.46	8827.99	105935.86
		Step G	53.4773	4278.18	9269.40	111232.78



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3596A	Human Resources Analyst II-A	Step A	43.8961	3511.69	7608.66	91303.89
		Step B	46.0909	3687.27	7989.09	95869.07
		Step C	48.3955	3871.64	8388.55	100662.64
		Step D	50.8153	4065.22	8807.99	105695.82
		Step E	53.3561	4268.49	9248.39	110980.69
		Step F	56.0237	4481.90	9710.77	116529.30
		Step G	58.8251	4706.01	10196.35	122356.21
3598A	Human Resources Director-A	Step A	83.4668	6677.34	14467.58	173610.94
		Step B	87.6402	7011.22	15190.97	182291.62
		Step C	92.0221	7361.77	15950.50	191405.97
		Step D	96.6232	7729.86	16748.02	200976.26
		Step E	101.4544	8116.35	17585.43	211025.15
		Step F	106.5272	8522.18	18464.71	221576.58
		Step G	111.8535	8948.28	19387.94	232655.28



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3599A	Human Resources Manager-A	Step A	55.5278	4442.22	9624.82	115497.82
		Step B	58.3042	4664.34	10106.06	121272.74
		Step C	61.2196	4897.57	10611.40	127336.77
		Step D	64.2805	5142.44	11141.95	133703.44
		Step E	67.4945	5399.56	11699.05	140388.56
		Step F	70.8694	5669.55	12284.03	147408.35
		Step G	74.4131	5953.05	12898.27	154779.25
1002A	Hydrogeologist-A	Step A	60.9051	4872.41	10556.88	126682.61
		Step B	63.9503	5116.02	11084.72	133016.62
		Step C	67.1479	5371.83	11638.97	139667.63
		Step D	70.5053	5640.42	12220.92	146651.02
		Step E	74.0306	5922.45	12831.97	153983.65
		Step F	77.7321	6218.57	13473.56	161682.77
		Step G	81.6185	6529.48	14147.21	169766.48



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MGMT	Management					
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3625A	Information Security Administrator-A	Step A	56.0902	4487.22	9722.30	116667.62
		Step B	58.8948	4711.58	10208.43	122501.18
		Step C	61.8394	4947.15	10718.83	128625.95
		Step D	64.9314	5194.51	11254.78	135057.31
		Step E	68.1780	5454.24	11817.52	141810.24
		Step F	71.5868	5726.94	12408.38	148900.54
		Step G	75.1663	6013.30	13028.83	156345.90
9542A	Information Technology Client Services Supervisor-A	Step A	48.9736	3917.89	8488.76	101865.09
		Step B	51.4223	4113.78	8913.20	106958.38
		Step C	53.9935	4319.48	9358.87	112306.48
		Step D	56.6931	4535.45	9826.80	117921.65
		Step E	59.5278	4762.22	10318.15	123817.82
		Step F	62.5041	5000.33	10834.04	130008.53
		Step G	65.6294	5250.35	11375.76	136509.15



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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	56.0911	4487.29	9722.46	116669.49
		Step B	58.8954	4711.63	10208.54	122502.43
		Step C	61.8400	4947.20	10718.93	128627.20
		Step D	64.9321	5194.57	11254.90	135058.77
		Step E	68.1786	5454.29	11817.62	141811.49
		Step F	71.5876	5727.01	12408.52	148902.21
		Step G	75.1671	6013.37	13028.96	156347.57
1167A	Information Technology Supervisor-A	Step A	48.7624	3900.99	8452.15	101425.79
		Step B	51.2006	4096.05	8874.77	106497.25
		Step C	53.7606	4300.85	9318.50	111822.05
		Step D	56.4486	4515.89	9784.42	117413.09
		Step E	59.2711	4741.69	10273.66	123283.89
		Step F	62.2346	4978.77	10787.33	129447.97
		Step G	65.3463	5227.70	11326.69	135920.30



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1140A	Intelligent Transportation Systems Maintenance Supervisor-A	Step A	59.7018	4776.14	10348.31	124179.74
		Step B	62.6870	5014.96	10865.75	130388.96
		Step C	65.8213	5265.70	11409.03	136908.30
		Step D	69.1124	5528.99	11979.48	143753.79
		Step E	72.5681	5805.45	12578.47	150941.65
		Step F	76.1965	6095.72	13207.39	158488.72
		Step G	80.0063	6400.50	13867.76	166413.10
3810A	Key Accounts Representative-A	Step A	60.6813	4854.50	10518.09	126217.10
		Step B	63.7155	5097.24	11044.02	132528.24
		Step C	66.9012	5352.10	11596.21	139154.50
		Step D	70.2463	5619.70	12176.03	146112.30
		Step E	73.7587	5900.70	12784.84	153418.10
		Step F	77.4466	6195.73	13424.08	161088.93
		Step G	81.3189	6505.51	14095.28	169143.31



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9544A	Library Supervisor-A	Step A	39.0388	3123.10	6766.73	81200.70
		Step B	40.9905	3279.24	7105.02	85260.24
		Step C	43.0402	3443.22	7460.30	89523.62
		Step D	45.1921	3615.37	7833.30	93999.57
		Step E	47.4518	3796.14	8224.98	98699.74
		Step F	49.8242	3985.94	8636.19	103634.34
		Step G	52.3155	4185.24	9068.02	108816.24
4449A	Management Analyst - City Manager Office-A	Step A	44.9258	3594.06	7787.14	93445.66
		Step B	47.1719	3773.75	8176.46	98117.55
		Step C	49.5308	3962.46	8585.34	103024.06
		Step D	52.0070	4160.56	9014.55	108174.56
		Step E	54.6075	4368.60	9465.30	113583.60
		Step F	57.3379	4587.03	9938.57	119262.83
		Step G	60.2046	4816.37	10435.46	125225.57



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0045A	Management Analyst I-A	Step A	38.8967	3111.74	6742.09	80905.14
		Step B	40.8414	3267.31	7079.18	84950.11
		Step C	42.8833	3430.66	7433.11	89197.26
		Step D	45.0278	3602.22	7804.82	93657.82
		Step E	47.2792	3782.34	8195.06	98340.74
		Step F	49.6432	3971.46	8604.82	103257.86
		Step G	52.1252	4170.02	9035.03	108420.42
0050A	Management Analyst II-A	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	44.9258	3594.06	7787.14	93445.66
		Step C	47.1719	3773.75	8176.46	98117.55
		Step D	49.5308	3962.46	8585.34	103024.06
		Step E	52.0070	4160.56	9014.55	108174.56
		Step F	54.6075	4368.60	9465.30	113583.60
		Step G	57.3379	4587.03	9938.57	119262.83



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1156A	Organizational Performance Program Administrator-A	Step A	51.3436	4107.49	8899.56	106794.69
		Step B	53.9108	4312.86	9344.54	112134.46
		Step C	56.6063	4528.50	9811.76	117741.10
		Step D	59.4367	4754.94	10302.36	123628.34
		Step E	62.4085	4992.68	10817.47	129809.68
		Step F	65.5290	5242.32	11358.36	136300.32
		Step G	68.8054	5504.43	11926.27	143115.23
5020A	Park Development Project Manager I-A	Step A	38.8967	3111.74	6742.09	80905.14
		Step B	40.8414	3267.31	7079.18	84950.11
		Step C	42.8833	3430.66	7433.11	89197.26
		Step D	45.0278	3602.22	7804.82	93657.82
		Step E	47.2792	3782.34	8195.06	98340.74
		Step F	49.6432	3971.46	8604.82	103257.86
		Step G	52.1252	4170.02	9035.03	108420.42



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5022A	Park Development Project Manager II-A	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	44.9258	3594.06	7787.14	93445.66
		Step C	47.1719	3773.75	8176.46	98117.55
		Step D	49.5308	3962.46	8585.34	103024.06
		Step E	52.0070	4160.56	9014.55	108174.56
		Step F	54.6075	4368.60	9465.30	113583.60
		Step G	57.3379	4587.03	9938.57	119262.83
1106A	Park Planning and Development Manager-A	Step A	54.1264	4330.11	9381.91	112582.91
		Step B	56.8333	4546.66	9851.11	118213.26
		Step C	59.6751	4774.01	10343.68	124124.21
		Step D	62.6588	5012.70	10860.86	130330.30
		Step E	65.7917	5263.34	11403.89	136846.74
		Step F	69.0813	5526.50	11974.09	143689.10
		Step G	72.5354	5802.83	12572.80	150873.63



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5082A	Parks Recreation and Libraries Director-A	Step A	87.6407	7011.26	15191.05	182292.66
		Step B	92.0228	7361.82	15950.62	191407.42
		Step C	96.6237	7729.90	16748.11	200977.30
		Step D	101.4548	8116.38	17585.50	211025.98
		Step E	106.5277	8522.22	18464.80	221577.62
		Step F	111.8540	8948.32	19388.03	232656.32
		Step G	117.4469	9395.75	20357.46	244289.55
9547A	Parks Recreation and Libraries Manager-A	Step A	56.0303	4482.42	9711.92	116543.02
		Step B	58.8318	4706.54	10197.51	122370.14
		Step C	61.7732	4941.86	10707.35	128488.26
		Step D	64.8623	5188.98	11242.80	134913.58
		Step E	68.1050	5448.40	11804.87	141658.40
		Step F	71.5106	5720.85	12395.17	148742.05
		Step G	75.0861	6006.89	13014.92	156179.09



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9546A	Parks and Open Space Superintendent-A	Step A	47.0671	3765.37	8158.30	97899.57
		Step B	49.4205	3953.64	8566.22	102794.64
		Step C	51.8914	4151.31	8994.51	107934.11
		Step D	54.4859	4358.87	9444.22	113330.67
		Step E	57.2107	4576.86	9916.52	118998.26
		Step F	60.0709	4805.67	10412.29	124947.47
		Step G	63.0742	5045.94	10932.86	131194.34
5069A	Parks and Open Space Supervisor-A	Step A	39.0388	3123.10	6766.73	81200.70
		Step B	40.9905	3279.24	7105.02	85260.24
		Step C	43.0402	3443.22	7460.30	89523.62
		Step D	45.1921	3615.37	7833.30	93999.57
		Step E	47.4518	3796.14	8224.98	98699.74
		Step F	49.8242	3985.94	8636.19	103634.34
		Step G	52.3155	4185.24	9068.02	108816.24



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1124A	Payroll Analyst I-A	Step A	38.8967	3111.74	6742.09	80905.14
		Step B	40.8414	3267.31	7079.18	84950.11
		Step C	42.8833	3430.66	7433.11	89197.26
		Step D	45.0278	3602.22	7804.82	93657.82
		Step E	47.2792	3782.34	8195.06	98340.74
		Step F	49.6432	3971.46	8604.82	103257.86
		Step G	52.1252	4170.02	9035.03	108420.42
1125A	Payroll Analyst II-A	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	44.9258	3594.06	7787.14	93445.66
		Step C	47.1719	3773.75	8176.46	98117.55
		Step D	49.5308	3962.46	8585.34	103024.06
		Step E	52.0070	4160.56	9014.55	108174.56
		Step F	54.6075	4368.60	9465.30	113583.60
		Step G	57.3379	4587.03	9938.57	119262.83



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9428A	Payroll Supervisor-A	Step A	50.8639	4069.11	8816.41	105796.91
		Step B	53.4070	4272.56	9257.21	111086.56
		Step C	56.0773	4486.18	9720.07	116640.78
		Step D	58.8811	4710.49	10206.06	122472.69
		Step E	61.8252	4946.02	10716.37	128596.42
		Step F	64.9165	5193.32	11252.19	135026.32
		Step G	68.1624	5452.99	11814.82	141777.79
1501A	Permits Supervisor-A	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	44.9258	3594.06	7787.14	93445.66
		Step C	47.1719	3773.75	8176.46	98117.55
		Step D	49.5308	3962.46	8585.34	103024.06
		Step E	52.0070	4160.56	9014.55	108174.56
		Step F	54.6075	4368.60	9465.30	113583.60
		Step G	57.3379	4587.03	9938.57	119262.83



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MGMT	Management					
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5309A	Planning Manager-A	Step A	68.1147	5449.18	11806.55	141678.58
		Step B	71.5204	5721.63	12396.87	148762.43
		Step C	75.0965	6007.72	13016.73	156200.72
		Step D	78.8514	6308.11	13667.58	164010.91
		Step E	82.7941	6623.53	14350.98	172211.73
		Step F	86.9338	6954.70	15068.53	180822.30
		Step G	91.2802	7302.42	15821.90	189862.82
5400A	Police Captain-A	Step A	77.2640	6181.12	13392.43	160709.12
		Step B	81.1270	6490.16	14062.01	168744.16
		Step C	85.1834	6814.67	14765.12	177181.47
		Step D	89.4428	7155.42	15503.42	186041.02
		Step E	93.9149	7513.19	16278.58	195342.99
		Step F	98.6105	7888.84	17092.49	205109.84
		Step G	103.5411	8283.29	17947.12	215365.49



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5410A	Police Chief-A	Step A	101.0477	8083.82	17514.93	210179.22
		Step B	106.1002	8488.02	18390.70	220688.42
		Step C	111.4050	8912.40	19310.20	231722.40
		Step D	116.9755	9358.04	20275.75	243309.04
		Step E	122.8241	9825.93	21289.51	255474.13
		Step F	128.9655	10317.24	22354.02	268248.24
		Step G	135.4137	10833.10	23471.71	281660.50
5420A	Police Lieutenant-A	Step A	64.3900	5151.20	11160.93	133931.20
		Step B	67.6097	5408.78	11719.01	140628.18
		Step C	70.9901	5679.21	12304.95	147659.41
		Step D	74.5395	5963.16	12920.18	155042.16
		Step E	78.2666	6261.33	13566.21	162794.53
		Step F	82.1799	6574.39	14244.52	170934.19
		Step G	86.2890	6903.12	14956.76	179481.12



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5489A	Police Services Administrator-A	Step A	57.3324	4586.59	9937.62	119251.39
		Step B	60.1990	4815.92	10434.49	125213.92
		Step C	63.2089	5056.71	10956.21	131474.51
		Step D	66.3695	5309.56	11504.05	138048.56
		Step E	69.6879	5575.03	12079.24	144950.83
		Step F	73.1723	5853.78	12683.20	152198.38
		Step G	76.8309	6146.47	13317.36	159808.27
1138A	Police Social Services Practitioner I-A	Step A	36.2422	2899.38	6281.98	75383.78
		Step B	38.0543	3044.34	6596.08	79152.94
		Step C	39.9570	3196.56	6925.88	83110.56
		Step D	41.9548	3356.38	7272.17	87265.98
		Step E	44.0526	3524.21	7635.78	91629.41
		Step F	46.2552	3700.42	8017.57	96210.82
		Step G	48.5680	3885.44	8418.45	101021.44



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1139A	Police Social Services Practitioner II-A	Step A	39.8664	3189.31	6910.18	82922.11
		Step B	41.8597	3348.78	7255.68	87068.18
		Step C	43.9527	3516.22	7618.47	91421.62
		Step D	46.1503	3692.02	7999.39	95992.62
		Step E	48.4578	3876.62	8399.35	100792.22
		Step F	50.8807	4070.46	8819.32	105831.86
		Step G	53.4247	4273.98	9260.28	111123.38
1126A	Police Social Services Supervisor-A	Step A	45.8463	3667.70	7946.69	95360.30
		Step B	48.1386	3851.09	8344.02	100128.29
		Step C	50.5456	4043.65	8761.24	105134.85
		Step D	53.0729	4245.83	9199.30	110391.63
		Step E	55.7265	4458.12	9659.26	115911.12
		Step F	58.5128	4681.02	10142.22	121706.62
		Step G	61.4385	4915.08	10649.34	127792.08



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5505A	Power Engineering Manager-A	Step A	88.4976	7079.81	15339.58	184075.01
		Step B	92.9225	7433.80	16106.57	193278.80
		Step C	97.5686	7805.49	16911.89	202942.69
		Step D	102.4470	8195.76	17757.48	213089.76
		Step E	107.5694	8605.55	18645.36	223744.35
		Step F	112.9478	9035.82	19577.62	234931.42
		Step G	118.5952	9487.62	20556.50	246678.02
5600A	Power Generation Superintendent-A	Step A	88.9849	7118.79	15424.05	185088.59
		Step B	93.4341	7474.73	16195.24	194342.93
		Step C	98.1057	7848.46	17004.99	204059.86
		Step D	103.0111	8240.89	17855.26	214263.09
		Step E	108.1618	8652.94	18748.05	224976.54
		Step F	113.5698	9085.58	19685.43	236225.18
		Step G	119.2482	9539.86	20669.69	248036.26



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MGMT Management
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
5530A	Power Plant Operations and Maintenance Supervisor-A	Step A	80.8963	6471.70	14022.03	168264.30
		Step B	84.9412	6795.30	14723.14	176677.70
		Step C	89.1882	7135.06	15459.29	185511.46
		Step D	93.6476	7491.81	16232.25	194787.01
		Step E	98.3301	7866.41	17043.88	204526.61
		Step F	103.2465	8259.72	17896.06	214752.72
		Step G	108.4089	8672.71	18790.88	225490.51
5535A	Power Supply and Portfolio Administrator-A	Step A	88.4936	7079.49	15338.89	184066.69
		Step B	92.9183	7433.46	16105.84	193270.06
		Step C	97.5642	7805.14	16911.13	202933.54
		Step D	102.4423	8195.38	17756.67	213079.98
		Step E	107.5645	8605.16	18644.51	223734.16
		Step F	112.9427	9035.42	19576.73	234920.82
		Step G	118.5898	9487.18	20555.57	246666.78



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5519A	Preventative Maintenance Supervisor-A	Step A	55.4714	4437.71	9615.04	115380.51
		Step B	58.2449	4659.59	10095.78	121149.39
		Step C	61.1572	4892.58	10600.58	127206.98
		Step D	64.2150	5137.20	11130.60	133567.20
		Step E	67.4258	5394.06	11687.14	140245.66
		Step F	70.7971	5663.77	12271.50	147257.97
		Step G	74.3369	5946.95	12885.06	154620.75
5514A	Principal Engineer-A	Step A	60.9051	4872.41	10556.88	126682.61
		Step B	63.9503	5116.02	11084.72	133016.62
		Step C	67.1479	5371.83	11638.97	139667.63
		Step D	70.5053	5640.42	12220.92	146651.02
		Step E	74.0306	5922.45	12831.97	153983.65
		Step F	77.7321	6218.57	13473.56	161682.77
		Step G	81.6185	6529.48	14147.21	169766.48



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5513A	Principal Planner-A	Step A	56.7637	4541.10	9839.04	118068.50
		Step B	59.6019	4768.15	10331.00	123971.95
		Step C	62.5820	5006.56	10847.55	130170.56
		Step D	65.7110	5256.88	11389.91	136678.88
		Step E	68.9966	5519.73	11959.41	143512.93
		Step F	72.4464	5795.71	12557.38	150688.51
		Step G	76.0688	6085.50	13185.26	158223.10
1114A	Principal Power Engineer-A	Step A	84.6461	6771.69	14671.99	176063.89
		Step B	88.8785	7110.28	15405.61	184867.28
		Step C	93.3224	7465.79	16175.88	194110.59
		Step D	97.9886	7839.09	16984.69	203816.29
		Step E	102.8880	8231.04	17833.92	214007.04
		Step F	108.0324	8642.59	18725.62	224707.39
		Step G	113.4340	9074.72	19661.89	235942.72



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1115A	Principal Power Plant Engineer-A	Step A	84.6461	6771.69	14671.99	176063.89
		Step B	88.8785	7110.28	15405.61	184867.28
		Step C	93.3224	7465.79	16175.88	194110.59
		Step D	97.9886	7839.09	16984.69	203816.29
		Step E	102.8880	8231.04	17833.92	214007.04
		Step F	108.0324	8642.59	18725.62	224707.39
		Step G	113.4340	9074.72	19661.89	235942.72
1004A	Process Engineer-A	Step A	60.9051	4872.41	10556.88	126682.61
		Step B	63.9503	5116.02	11084.72	133016.62
		Step C	67.1479	5371.83	11638.97	139667.63
		Step D	70.5053	5640.42	12220.92	146651.02
		Step E	74.0306	5922.45	12831.97	153983.65
		Step F	77.7321	6218.57	13473.56	161682.77
		Step G	81.6185	6529.48	14147.21	169766.48



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1069A	Project Supervisor-A	Step A	52.9611	4236.89	9179.92	110159.09
		Step B	55.6093	4448.74	9638.95	115667.34
		Step C	58.3897	4671.18	10120.88	121450.58
		Step D	61.3090	4904.72	10626.89	127522.72
		Step E	64.3746	5149.97	11158.26	133899.17
		Step F	67.5934	5407.47	11716.19	140594.27
		Step G	70.9731	5677.85	12302.00	147624.05
1108A	Public Affairs and Communications Manager-A	Step A	58.3492	4667.94	10113.86	121366.34
		Step B	61.2667	4901.34	10619.56	127434.74
		Step C	64.3299	5146.39	11150.52	133806.19
		Step D	67.5465	5403.72	11708.06	140496.72
		Step E	70.9237	5673.90	12293.44	147521.30
		Step F	74.4700	5957.60	12908.13	154897.60
		Step G	78.1936	6255.49	13553.56	162642.69



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5635A	Public Works Director-A	Step A	87.6421	7011.37	15191.30	182295.57
		Step B	92.0243	7361.94	15950.88	191410.54
		Step C	96.6256	7730.05	16748.44	200981.25
		Step D	101.4569	8116.55	17585.86	211030.35
		Step E	106.5297	8522.38	18465.15	221581.78
		Step F	111.8561	8948.49	19388.39	232660.69
		Step G	117.4489	9395.91	20357.81	244293.71
1087A	Public Works Manager-A	Step A	58.2572	4660.58	10097.91	121174.98
		Step B	61.1703	4893.62	10602.85	127234.22
		Step C	64.2287	5138.30	11132.97	133595.70
		Step D	67.4400	5395.20	11689.60	140275.20
		Step E	70.8121	5664.97	12274.10	147289.17
		Step F	74.3527	5948.22	12887.80	154653.62
		Step G	78.0705	6245.64	13532.22	162386.64



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1129A	Purchasing Supervisor-A	Step A	42.8869	3430.95	7433.73	89204.75
		Step B	45.0312	3602.50	7805.41	93664.90
		Step C	47.2828	3782.62	8195.69	98348.22
		Step D	49.6469	3971.75	8605.46	103265.55
		Step E	52.1293	4170.34	9035.75	108428.94
		Step F	54.7358	4378.86	9487.54	113850.46
		Step G	57.4726	4597.81	9961.92	119543.01
5652A	Purchasing and Warehouse Manager-A	Step A	55.5155	4441.24	9622.69	115472.24
		Step B	58.2913	4663.30	10103.83	121245.90
		Step C	61.2058	4896.46	10609.01	127308.06
		Step D	64.2662	5141.30	11139.47	133673.70
		Step E	67.4795	5398.36	11696.45	140357.36
		Step F	70.8535	5668.28	12281.27	147375.28
		Step G	74.3961	5951.69	12895.32	154743.89



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1143A	Recreation Superintendent-A	Step A	47.0671	3765.37	8158.30	97899.57
		Step B	49.4205	3953.64	8566.22	102794.64
		Step C	51.8914	4151.31	8994.51	107934.11
		Step D	54.4859	4358.87	9444.22	113330.67
		Step E	57.2107	4576.86	9916.52	118998.26
		Step F	60.0709	4805.67	10412.29	124947.47
		Step G	63.0742	5045.94	10932.86	131194.34
1144A	Recreation Supervisor-A	Step A	39.0388	3123.10	6766.73	81200.70
		Step B	40.9905	3279.24	7105.02	85260.24
		Step C	43.0402	3443.22	7460.30	89523.62
		Step D	45.1921	3615.37	7833.30	93999.57
		Step E	47.4518	3796.14	8224.98	98699.74
		Step F	49.8242	3985.94	8636.19	103634.34
		Step G	52.3155	4185.24	9068.02	108816.24



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
6231A	Refuse Superintendent-A	Step A	51.0274	4082.19	8844.75	106136.99
		Step B	53.5788	4286.30	9286.99	111443.90
		Step C	56.2577	4500.62	9751.33	117016.02
		Step D	59.0708	4725.66	10238.94	122867.26
		Step E	62.0241	4961.93	10750.84	129010.13
		Step F	65.1254	5210.03	11288.40	135460.83
		Step G	68.3815	5470.52	11852.79	142233.52
6235A	Refuse Supervisor-A	Step A	42.5228	3401.82	7370.62	88447.42
		Step B	44.6490	3571.92	7739.16	92869.92
		Step C	46.8816	3750.53	8126.14	97513.73
		Step D	49.2248	3937.98	8532.30	102387.58
		Step E	51.6858	4134.86	8958.87	107506.46
		Step F	54.2701	4341.61	9406.82	112881.81
		Step G	56.9837	4558.70	9877.17	118526.10



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
6244A	Refuse and Stormwater Manager-A	Step A	68.5204	5481.63	11876.87	142522.43
		Step B	71.9465	5755.72	12470.73	149648.72
		Step C	75.5432	6043.46	13094.15	157129.86
		Step D	79.3208	6345.66	13748.94	164987.26
		Step E	83.2866	6662.93	14436.34	173236.13
		Step F	87.4507	6996.06	15158.12	181897.46
		Step G	91.8234	7345.87	15916.06	190992.67
6450A	Risk Manager-A	Step A	61.0808	4886.46	10587.34	127048.06
		Step B	64.1349	5130.79	11116.72	133400.59
		Step C	67.3418	5387.34	11672.58	140070.94
		Step D	70.7087	5656.70	12256.17	147074.10
		Step E	74.2442	5939.54	12868.99	154427.94
		Step F	77.9565	6236.52	13512.46	162149.52
		Step G	81.8541	6548.33	14188.04	170256.53



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
6500A	Safety Coordinator-A	Step A	42.7865	3422.92	7416.33	88995.92
		Step B	44.9255	3594.04	7787.09	93445.04
		Step C	47.1718	3773.74	8176.45	98117.34
		Step D	49.5306	3962.45	8585.30	103023.65
		Step E	52.0069	4160.55	9014.53	108174.35
		Step F	54.6072	4368.58	9465.25	113582.98
		Step G	57.3379	4587.03	9938.57	119262.83
7130A	Senior Business Systems Analyst-A	Step A	46.6430	3731.44	8084.79	97017.44
		Step B	48.9753	3918.02	8489.05	101868.62
		Step C	51.4239	4113.91	8913.48	106961.71
		Step D	53.9952	4319.62	9359.17	112310.02
		Step E	56.6950	4535.60	9827.13	117925.60
		Step F	59.5296	4762.37	10318.46	123821.57
		Step G	62.5062	5000.50	10834.41	130012.90



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7145A	Senior Database Analyst-A	Step A	46.6430	3731.44	8084.79	97017.44
		Step B	48.9753	3918.02	8489.05	101868.62
		Step C	51.4239	4113.91	8913.48	106961.71
		Step D	53.9952	4319.62	9359.17	112310.02
		Step E	56.6950	4535.60	9827.13	117925.60
		Step F	59.5296	4762.37	10318.46	123821.57
		Step G	62.5062	5000.50	10834.41	130012.90
7123A	Senior Deputy City Attorney-A	Step A	83.8397	6707.18	14532.21	174386.58
		Step B	88.0317	7042.54	15258.83	183105.94
		Step C	92.4334	7394.67	16021.79	192261.47
		Step D	97.0550	7764.40	16822.87	201874.40
		Step E	101.9079	8152.63	17664.04	211968.43
		Step F	107.0029	8560.23	18547.17	222566.03
		Step G	112.3532	8988.26	19474.55	233694.66



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1097A	Senior Development Services Business Analyst-A	Step A	46.6423	3731.38	8084.67	97015.98
		Step B	48.9745	3917.96	8488.91	101866.96
		Step C	51.4231	4113.85	8913.34	106960.05
		Step D	53.9943	4319.54	9359.01	112308.14
		Step E	56.6941	4535.53	9826.98	117923.73
		Step F	59.5287	4762.30	10318.31	123819.70
		Step G	62.5052	5000.42	10834.23	130010.82
7128A	Senior Electric Business Analyst-A	Step A	60.9074	4872.59	10557.28	126687.39
		Step B	63.9527	5116.22	11085.13	133021.62
		Step C	67.1505	5372.04	11639.42	139673.04
		Step D	70.5078	5640.62	12221.35	146656.22
		Step E	74.0332	5922.66	12832.42	153989.06
		Step F	77.7350	6218.80	13474.07	161688.80
		Step G	81.6219	6529.75	14147.80	169773.55



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1023A	Senior Electric Technology Systems Analyst-A	Step A	62.6381	5011.05	10857.27	130287.25
		Step B	65.7698	5261.58	11400.10	136801.18
		Step C	69.0585	5524.68	11970.14	143641.68
		Step D	72.5114	5800.91	12568.64	150823.71
		Step E	76.1369	6090.95	13197.06	158364.75
		Step F	79.9437	6395.50	13856.91	166282.90
		Step G	83.9409	6715.27	14549.76	174597.07
7163A	Senior Energy Services Account Representative-A	Step A	60.6813	4854.50	10518.09	126217.10
		Step B	63.7155	5097.24	11044.02	132528.24
		Step C	66.9012	5352.10	11596.21	139154.50
		Step D	70.2463	5619.70	12176.03	146112.30
		Step E	73.7587	5900.70	12784.84	153418.10
		Step F	77.4466	6195.73	13424.08	161088.93
		Step G	81.3189	6505.51	14095.28	169143.31



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7142A	Senior Engineer-A	Step A	54.1387	4331.10	9384.04	112608.50
		Step B	56.8459	4547.67	9853.29	118239.47
		Step C	59.6879	4775.03	10345.90	124150.83
		Step D	62.6726	5013.81	10863.25	130359.01
		Step E	65.8058	5264.46	11406.34	136876.06
		Step F	69.0964	5527.71	11976.71	143720.51
		Step G	72.5511	5804.09	12575.52	150906.29
1065A	Senior Environmental Utilities Business Analyst-A	Step A	49.4201	3953.61	8566.15	102793.81
		Step B	51.8908	4151.26	8994.41	107932.86
		Step C	54.4855	4358.84	9444.15	113329.84
		Step D	57.2098	4576.78	9916.37	118996.38
		Step E	60.0705	4805.64	10412.22	124946.64
		Step F	63.0738	5045.90	10932.79	131193.50
		Step G	66.2275	5298.20	11479.43	137753.20



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Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7161A	Senior GIS Analyst-A	Step A	46.4404	3715.23	8049.67	96596.03
		Step B	48.7623	3900.98	8452.13	101425.58
		Step C	51.2004	4096.03	8874.74	106496.83
		Step D	53.7606	4300.85	9318.50	111822.05
		Step E	56.4487	4515.90	9784.44	117413.30
		Step F	59.2711	4741.69	10273.66	123283.89
		Step G	62.2346	4978.77	10787.33	129447.97
7150A	Senior Human Resources Analyst-A	Step A	48.2843	3862.74	8369.28	100431.34
		Step B	50.6982	4055.86	8787.69	105452.26
		Step C	53.2333	4258.66	9227.11	110725.26
		Step D	55.8948	4471.58	9688.43	116261.18
		Step E	58.6897	4695.18	10172.88	122074.58
		Step F	61.6241	4929.93	10681.51	128178.13
		Step G	64.7052	5176.42	11215.57	134586.82



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MGMT Management Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7194A	Senior Information Technology Analyst-A	Step A	46.6430	3731.44	8084.79	97017.44
		Step B	48.9753	3918.02	8489.05	101868.62
		Step C	51.4239	4113.91	8913.48	106961.71
		Step D	53.9952	4319.62	9359.17	112310.02
		Step E	56.6950	4535.60	9827.13	117925.60
		Step F	59.5296	4762.37	10318.46	123821.57
		Step G	62.5062	5000.50	10834.41	130012.90
1119A	Senior Park Development Project Manager-A	Step A	47.0649	3765.19	8157.92	97894.99
		Step B	49.4183	3953.46	8565.84	102790.06
		Step C	51.8892	4151.14	8994.13	107929.54
		Step D	54.4837	4358.70	9443.84	113326.10
		Step E	57.2078	4576.62	9916.02	118992.22
		Step F	60.0682	4805.46	10411.82	124941.86
		Step G	63.0716	5045.73	10932.41	131188.93



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Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7180A	Senior Planner-A	Step A	49.3608	3948.86	8555.87	102670.46
		Step B	51.8289	4146.31	8983.68	107804.11
		Step C	54.4203	4353.62	9432.85	113194.22
		Step D	57.1413	4571.30	9904.49	118853.90
		Step E	59.9986	4799.89	10399.76	124797.09
		Step F	62.9986	5039.89	10919.76	131037.09
		Step G	66.1483	5291.86	11465.71	137588.46
7151A	Senior Power Engineer-A	Step A	76.9512	6156.10	13338.21	160058.50
		Step B	80.7986	6463.89	14005.09	168061.09
		Step C	84.8386	6787.09	14705.36	176464.29
		Step D	89.0806	7126.45	15440.64	185287.65
		Step E	93.5344	7482.75	16212.63	194551.55
		Step F	98.2112	7856.90	17023.27	204279.30
		Step G	103.1218	8249.74	17874.45	214493.34



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5555A	Senior Power Plant Engineer-A	Step A	76.9512	6156.10	13338.21	160058.50
		Step B	80.7986	6463.89	14005.09	168061.09
		Step C	84.8386	6787.09	14705.36	176464.29
		Step D	89.0806	7126.45	15440.64	185287.65
		Step E	93.5344	7482.75	16212.63	194551.55
		Step F	98.2112	7856.90	17023.27	204279.30
		Step G	103.1218	8249.74	17874.45	214493.34
1029A	Senior Utility Billing Analyst-A	Step A	47.1772	3774.18	8177.38	98128.58
		Step B	49.5362	3962.90	8586.27	103035.30
		Step C	52.0130	4161.04	9015.59	108187.04
		Step D	54.6135	4369.08	9466.34	113596.08
		Step E	57.3443	4587.54	9939.68	119276.14
		Step F	60.2115	4816.92	10436.66	125239.92
		Step G	63.2220	5057.76	10958.48	131501.76



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1073A	Street Maintenance Manager-A	Step A	60.9465	4875.72	10564.06	126768.72
		Step B	63.9937	5119.50	11092.24	133106.90
		Step C	67.1936	5375.49	11646.89	139762.69
		Step D	70.5532	5644.26	12229.22	146750.66
		Step E	74.0807	5926.46	12840.65	154087.86
		Step F	77.7848	6222.78	13482.70	161792.38
		Step G	81.6742	6533.94	14156.86	169882.34
7522A	Street Maintenance Supervisor-A	Step A	39.1522	3132.18	6786.38	81436.58
		Step B	41.1099	3288.79	7125.72	85508.59
		Step C	43.1653	3453.22	7481.99	89783.82
		Step D	45.3237	3625.90	7856.11	94273.30
		Step E	47.5898	3807.18	8248.90	98986.78
		Step F	49.9694	3997.55	8661.36	103936.35
		Step G	52.4677	4197.42	9094.40	109132.82



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1110A	Transit Operations Supervisor-A	Step A	47.0650	3765.20	8157.93	97895.20
		Step B	49.4182	3953.46	8565.82	102789.86
		Step C	51.8891	4151.13	8994.11	107929.33
		Step D	54.4838	4358.70	9443.86	113326.30
		Step E	57.2079	4576.63	9916.04	118992.43
		Step F	60.0683	4805.46	10411.84	124942.06
		Step G	63.0715	5045.72	10932.39	131188.72
8762A	Urban Forester-A	Step A	42.8692	3429.54	7430.66	89167.94
		Step B	45.0124	3600.99	7802.15	93625.79
		Step C	47.2632	3781.06	8192.29	98307.46
		Step D	49.6263	3970.10	8601.89	103222.70
		Step E	52.1077	4168.62	9032.00	108384.02
		Step F	54.7129	4377.03	9483.57	113802.83
		Step G	57.4485	4595.88	9957.74	119492.88



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1041A	Utility Billing and Field Services Supervisor-A	Step A	48.5523	3884.18	8415.73	100988.78
		Step B	50.9799	4078.39	8836.52	106038.19
		Step C	53.5288	4282.30	9278.33	111339.90
		Step D	56.2052	4496.42	9742.23	116906.82
		Step E	59.0155	4721.24	10229.35	122752.24
		Step F	61.9664	4957.31	10740.84	128890.11
		Step G	65.0646	5205.17	11277.86	135334.37
1154A	Utility Business Systems Administrator-A	Step A	60.9074	4872.59	10557.28	126687.39
		Step B	63.9528	5116.22	11085.15	133021.82
		Step C	67.1505	5372.04	11639.42	139673.04
		Step D	70.5080	5640.64	12221.39	146656.64
		Step E	74.0334	5922.67	12832.46	153989.47
		Step F	77.7351	6218.81	13474.08	161689.01
		Step G	81.6219	6529.75	14147.80	169773.55



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1042A	Utility Customer Service Supervisor-A	Step A	34.8939	2791.51	6048.28	72579.31
		Step B	36.6383	2931.06	6350.64	76207.66
		Step C	38.4704	3077.63	6668.20	80018.43
		Step D	40.3938	3231.50	7001.59	84019.10
		Step E	42.4135	3393.08	7351.67	88220.08
		Step F	44.5343	3562.74	7719.28	92631.34
		Step G	46.7610	3740.88	8105.24	97262.88
1102A	Utility Exploration Center Supervisor-A	Step A	40.7846	3262.77	7069.33	84831.97
		Step B	42.8236	3425.89	7422.76	89073.09
		Step C	44.9649	3597.19	7793.92	93526.99
		Step D	47.2132	3777.06	8183.62	98203.46
		Step E	49.5738	3965.90	8592.79	103113.50
		Step F	52.0524	4164.19	9022.42	108268.99
		Step G	54.6551	4372.41	9473.55	113682.61



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1646A	Utility Government Relations Administrator-A	Step A	51.3421	4107.37	8899.30	106791.57
		Step B	53.9093	4312.74	9344.28	112131.34
		Step C	56.6045	4528.36	9811.45	117737.36
		Step D	59.4348	4754.78	10302.03	123624.38
		Step E	62.4065	4992.52	10817.13	129805.52
		Step F	65.5269	5242.15	11358.00	136295.95
		Step G	68.8032	5504.26	11925.89	143110.66
8980A	Wastewater Collection Superintendent-A	Step A	51.0274	4082.19	8844.75	106136.99
		Step B	53.5788	4286.30	9286.99	111443.90
		Step C	56.2577	4500.62	9751.33	117016.02
		Step D	59.0708	4725.66	10238.94	122867.26
		Step E	62.0241	4961.93	10750.84	129010.13
		Step F	65.1254	5210.03	11288.40	135460.83
		Step G	68.3815	5470.52	11852.79	142233.52



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
8978A	Wastewater Collection Supervisor-A	Step A	42.5212	3401.70	7370.34	88444.10
		Step B	44.6468	3571.74	7738.78	92865.34
		Step C	46.8794	3750.35	8125.76	97509.15
		Step D	49.2234	3937.87	8532.06	102384.67
		Step E	51.6846	4134.77	8958.66	107503.97
		Step F	54.2685	4341.48	9406.54	112878.48
		Step G	56.9820	4558.56	9876.88	118522.56
9040A	Wastewater Treatment Plant Chief Operator-A	Step A	53.2894	4263.15	9236.83	110841.95
		Step B	55.9539	4476.31	9698.68	116384.11
		Step C	58.7517	4700.14	10183.63	122203.54
		Step D	61.6892	4935.14	10692.79	128313.54
		Step E	64.7736	5181.89	11227.42	134729.09
		Step F	68.0123	5440.98	11788.80	141465.58
		Step G	71.4130	5713.04	12378.25	148539.04



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Appendix:I
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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9045A	Wastewater Utility Manager-A	Step A	68.5204	5481.63	11876.87	142522.43
		Step B	71.9465	5755.72	12470.73	149648.72
		Step C	75.5432	6043.46	13094.15	157129.86
		Step D	79.3208	6345.66	13748.94	164987.26
		Step E	83.2866	6662.93	14436.34	173236.13
		Step F	87.4507	6996.06	15158.12	181897.46
		Step G	91.8234	7345.87	15916.06	190992.67
9047A	Water Conservation Administrator-A	Step A	46.7749	3741.99	8107.65	97291.79
		Step B	49.1137	3929.10	8513.04	102156.50
		Step C	51.5694	4125.55	8938.70	107264.35
		Step D	54.1478	4331.82	9385.62	112627.42
		Step E	56.8552	4548.42	9854.90	118258.82
		Step F	59.6984	4775.87	10347.72	124172.67
		Step G	62.6830	5014.64	10865.05	130380.64



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9085A	Water Distribution Superintendent-A	Step A	50.2748	4021.98	8714.30	104571.58
		Step B	53.5788	4286.30	9286.99	111443.90
		Step C	56.2577	4500.62	9751.33	117016.02
		Step D	59.0708	4725.66	10238.94	122867.26
		Step E	62.0241	4961.93	10750.84	129010.13
		Step F	65.1254	5210.03	11288.40	135460.83
		Step G	68.3815	5470.52	11852.79	142233.52
9084A	Water Distribution Supervisor-A	Step A	42.5211	3401.69	7370.32	88443.89
		Step B	44.6468	3571.74	7738.78	92865.34
		Step C	46.8794	3750.35	8125.76	97509.15
		Step D	49.2234	3937.87	8532.06	102384.67
		Step E	51.6845	4134.76	8958.65	107503.76
		Step F	54.2685	4341.48	9406.54	112878.48
		Step G	56.9820	4558.56	9876.88	118522.56



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Salary Schedule: Management-A

Appendix:I
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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9101A	Water Quality Lab Supervisor-A	Step A	44.6454	3571.63	7738.54	92862.43
		Step B	46.8777	3750.22	8125.47	97505.62
		Step C	49.2214	3937.71	8531.71	102380.51
		Step D	51.6824	4134.59	8958.28	107499.39
		Step E	54.2667	4341.34	9406.23	112874.74
		Step F	56.9801	4558.41	9876.55	118518.61
		Step G	59.8289	4786.31	10370.34	124444.11
9175A	Water Treatment Plant Chief Operator-A	Step A	51.0229	4081.83	8843.97	106127.63
		Step B	53.5743	4285.94	9286.21	111434.54
		Step C	56.2527	4500.22	9750.47	117005.62
		Step D	59.0656	4725.25	10238.04	122856.45
		Step E	62.0187	4961.50	10749.91	128998.90
		Step F	65.1198	5209.58	11287.43	135449.18
		Step G	68.3757	5470.06	11851.79	142221.46



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Salary Schedule: Management-A

Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9244A	Water Utility Manager-A	Step A	68.5204	5481.63	11876.87	142522.43
		Step B	71.9465	5755.72	12470.73	149648.72
		Step C	75.5432	6043.46	13094.15	157129.86
		Step D	79.3208	6345.66	13748.94	164987.26
		Step E	83.2866	6662.93	14436.34	173236.13
		Step F	87.4507	6996.06	15158.12	181897.46
		Step G	91.8234	7345.87	15916.06	190992.67



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Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1370B	Accounting Manager-B	Step A	64.3748	5149.98	11158.30	133899.58
		Step B	68.1011	5448.09	11804.19	141650.29
		Step C	70.1441	5611.53	12158.31	145899.73
		Step D	72.2484	5779.87	12523.06	150276.67
		Step E	74.4159	5953.27	12898.76	154785.07
		Step F	76.6484	6131.87	13285.72	159428.67
		Step G	78.9480	6315.84	13684.32	164211.84
		Step H	81.3163	6505.30	14094.83	169137.90
		Step I	83.7558	6700.46	14517.67	174212.06
		Step J	86.2684	6901.47	14953.19	179438.27



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Salary Schedule: Management-B

Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0043B	Accounting Supervisor-B	Step A	53.4073	4272.58	9257.27	111087.18
		Step B	56.4989	4519.91	9793.14	117517.71
		Step C	58.1938	4655.50	10086.93	121043.10
		Step D	59.9396	4795.17	10389.53	124674.37
		Step E	61.7379	4939.03	10701.24	128414.83
		Step F	63.5900	5087.20	11022.27	132267.20
		Step G	65.4976	5239.81	11352.92	136235.01
		Step H	67.4626	5397.01	11693.52	140322.21
		Step I	69.4865	5558.92	12044.33	144531.92
		Step J	71.5710	5725.68	12405.64	148867.68



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Salary Schedule: Management-B

Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9427B	Accounts Payable Supervisor-B	Step A	50.8639	4069.11	8816.41	105796.91
		Step B	53.8080	4304.64	9326.72	111920.64
		Step C	55.4223	4433.78	9606.53	115278.38
		Step D	57.0849	4566.79	9894.72	118736.59
		Step E	58.7975	4703.80	10191.57	122298.80
		Step F	60.5614	4844.91	10497.31	125967.71
		Step G	62.3782	4990.26	10812.22	129746.66
		Step H	64.2496	5139.97	11136.60	133639.17
		Step I	66.1771	5294.17	11470.70	137648.37
		Step J	68.1624	5452.99	11814.82	141777.79



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Salary Schedule: Management-B

Appendix:I
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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0090B	Alternative Transportation Manager-B	Step A	65.3235	5225.88	11322.74	135872.88
		Step B	69.1046	5528.37	11978.13	143737.57
		Step C	71.1777	5694.22	12337.47	148049.62
		Step D	73.3131	5865.05	12707.60	152491.25
		Step E	75.5125	6041.00	13088.83	157066.00
		Step F	77.7778	6222.22	13481.49	161777.82
		Step G	80.1112	6408.90	13885.94	166631.30
		Step H	82.5144	6601.15	14302.50	171629.95
		Step I	84.9899	6799.19	14731.58	176778.99
		Step J	87.5395	7003.16	15173.51	182082.16



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
1017B	Assistant Building Official-B	Step A	49.3608	3948.86	8555.87	102670.46
		Step B	52.2181	4177.45	9051.14	108613.65
		Step C	53.7846	4302.77	9322.66	111871.97
		Step D	55.3981	4431.85	9602.34	115228.05
		Step E	57.0600	4564.80	9890.40	118684.80
		Step F	58.7719	4701.75	10187.13	122245.55
		Step G	60.5350	4842.80	10492.73	125912.80
		Step H	62.3512	4988.10	10807.54	129690.50
		Step I	64.2216	5137.73	11131.74	133580.93
		Step J	66.1483	5291.86	11465.71	137588.46



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
0245B	Assistant City Attorney-B	Step A	96.4157	7713.26	16712.05	200544.66
		Step B	101.9966	8159.73	17679.41	212152.93
		Step C	105.0565	8404.52	18209.79	218517.52
		Step D	108.2082	8656.66	18756.09	225073.06
		Step E	111.4545	8916.36	19318.78	231825.36
		Step F	114.7981	9183.85	19898.34	238780.05
		Step G	118.2420	9459.36	20495.28	245943.36
		Step H	121.7893	9743.14	21110.15	253321.74
		Step I	125.4429	10035.43	21743.44	260921.23
		Step J	129.2062	10336.50	22395.74	268748.90



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
0250B	Assistant City Clerk-B	Step A	49.2030	3936.24	8528.52	102342.24
		Step B	52.0511	4164.09	9022.19	108266.29
		Step C	53.6127	4289.02	9292.87	111514.42
		Step D	55.2212	4417.70	9571.67	114860.10
		Step E	56.8779	4550.23	9858.84	118306.03
		Step F	58.5842	4686.74	10154.59	121855.14
		Step G	60.3416	4827.33	10459.21	125510.53
		Step H	62.1518	4972.14	10772.98	129275.74
		Step I	64.0165	5121.32	11096.19	133154.32
		Step J	65.9369	5274.95	11429.06	137148.75



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
0325B	Assistant City Manager-B	Step A	97.3749	7789.99	16878.32	202539.79
		Step B	103.0114	8240.91	17855.31	214263.71
		Step C	106.1016	8488.13	18390.94	220691.33
		Step D	109.2847	8742.78	18942.68	227312.18
		Step E	112.5632	9005.06	19510.95	234131.46
		Step F	115.9401	9275.21	20096.28	241155.41
		Step G	119.4182	9553.46	20699.15	248389.86
		Step H	123.0008	9840.06	21320.14	255841.66
		Step I	126.6908	10135.26	21959.74	263516.86
		Step J	130.4916	10439.33	22618.54	271422.53



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Salary Schedule: Management-B

Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1021B	Assistant City Manager/Chief Financial Officer-B	Step A	97.3749	7789.99	16878.32	202539.79
		Step B	103.0114	8240.91	17855.31	214263.71
		Step C	106.1016	8488.13	18390.94	220691.33
		Step D	109.2847	8742.78	18942.68	227312.18
		Step E	112.5632	9005.06	19510.95	234131.46
		Step F	115.9401	9275.21	20096.28	241155.41
		Step G	119.4182	9553.46	20699.15	248389.86
		Step H	123.0008	9840.06	21320.14	255841.66
		Step I	126.6908	10135.26	21959.74	263516.86
		Step J	130.4916	10439.33	22618.54	271422.53



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
1068B	Assistant Electric Analyst-B	Step A	38.1335	3050.68	6609.81	79317.68
		Step B	40.3409	3227.27	6992.42	83909.07
		Step C	41.5511	3324.09	7202.19	86426.29
		Step D	42.7975	3423.80	7418.23	89018.80
		Step E	44.0817	3526.54	7640.83	91689.94
		Step F	45.4039	3632.31	7870.01	94440.11
		Step G	46.7661	3741.29	8106.12	97273.49
		Step H	48.1692	3853.54	8349.33	100191.94
		Step I	49.6142	3969.14	8599.79	103197.54
		Step J	51.1026	4088.21	8857.78	106293.41



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	115.2602	9220.82	19978.43	239741.22
		Step B	121.9322	9754.58	21134.91	253618.98
		Step C	125.5902	10047.22	21768.97	261227.62
		Step D	129.3578	10348.62	22422.02	269064.22
		Step E	133.2386	10659.09	23094.69	277136.29
		Step F	137.2357	10978.86	23787.52	285450.26
		Step G	141.3527	11308.22	24501.13	294013.62
		Step H	145.5934	11647.47	25236.19	302834.27
		Step I	149.9611	11996.89	25993.26	311919.09
		Step J	154.4600	12356.80	26773.07	321276.80



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
0411B	Assistant Environmental Utilities Director-B	Step A	78.7943	6303.54	13657.68	163892.14
		Step B	83.3554	6668.43	14448.27	173379.23
		Step C	85.8558	6868.46	14881.67	178580.06
		Step D	88.4316	7074.53	15328.14	183937.73
		Step E	91.0846	7286.77	15788.00	189455.97
		Step F	93.8171	7505.37	16261.63	195139.57
		Step G	96.6316	7730.53	16749.48	200993.73
		Step H	99.5305	7962.44	17251.95	207023.44
		Step I	102.5165	8201.32	17769.53	213234.32
		Step J	105.5919	8447.35	18302.60	219631.15



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	74.0301	5922.41	12831.88	153982.61
		Step B	78.3152	6265.22	13574.63	162895.62
		Step C	80.6647	6453.18	13981.88	167782.58
		Step D	83.0848	6646.78	14401.37	172816.38
		Step E	85.5771	6846.17	14833.36	178000.37
		Step F	88.1445	7051.56	15278.38	183340.56
		Step G	90.7890	7263.12	15736.76	188841.12
		Step H	93.5125	7481.00	16208.83	194506.00
		Step I	96.3178	7705.42	16695.09	200341.02
		Step J	99.2075	7936.60	17195.97	206351.60



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	76.3425	6107.40	13232.70	158792.40
		Step B	80.7618	6460.94	13998.71	167984.54
		Step C	83.1846	6654.77	14418.66	173023.97
		Step D	85.6801	6854.41	14851.22	178214.61
		Step E	88.2506	7060.05	15296.77	183561.25
		Step F	90.8981	7271.85	15755.67	189068.05
		Step G	93.6249	7489.99	16228.32	194739.79
		Step H	96.4337	7714.70	16715.17	200582.10
		Step I	99.3267	7946.14	17216.63	206599.54
		Step J	102.3066	8184.53	17733.14	212797.73



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	66.7717	5341.74	11573.76	138885.14
		Step B	70.6366	5650.93	12243.68	146924.13
		Step C	72.7557	5820.46	12610.99	151331.86
		Step D	74.9385	5995.08	12989.34	155872.08
		Step E	77.1866	6174.93	13379.01	160548.13
		Step F	79.5022	6360.18	13780.38	165364.58
		Step G	81.8873	6550.98	14193.80	170325.58
		Step H	84.3439	6747.51	14619.61	175435.31
		Step I	86.8742	6949.94	15058.19	180698.34
		Step J	89.4805	7158.44	15509.95	186119.44



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 Director-B	Step A	70.1117	5608.94	12152.69	145832.34
		Step B	74.1701	5933.61	12856.15	154273.81
		Step C	76.3952	6111.62	13241.83	158902.02
		Step D	78.6871	6294.97	13639.10	163669.17
		Step E	81.0478	6483.82	14048.29	168579.42
		Step F	83.4790	6678.32	14469.69	173636.32
		Step G	85.9835	6878.68	14903.81	178845.68
		Step H	88.5630	7085.04	15350.92	184211.04
		Step I	91.2199	7297.59	15811.45	189737.39
		Step J	93.9565	7516.52	16285.79	195429.52



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	88.8557	7108.46	15401.65	184819.86
		Step B	93.9991	7519.93	16293.18	195518.13
		Step C	96.8190	7745.52	16781.96	201383.52
		Step D	99.7237	7977.90	17285.44	207425.30
		Step E	102.7153	8217.22	17803.99	213647.82
		Step F	105.7967	8463.74	18338.09	220057.14
		Step G	108.9706	8717.65	18888.24	226658.85
		Step H	112.2398	8979.18	19454.90	233458.78
		Step I	115.6069	9248.55	20038.53	240462.35
		Step J	119.0752	9526.02	20639.70	247676.42



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
1148B	Assistant Public Works Director-B	Step A	73.0333	5842.66	12659.11	151909.26
		Step B	77.2608	6180.86	13391.87	160702.46
		Step C	79.5786	6366.29	13793.62	165523.49
		Step D	81.9660	6557.28	14207.44	170489.28
		Step E	84.4249	6753.99	14633.65	175603.79
		Step F	86.9577	6956.62	15072.67	180872.02
		Step G	89.5664	7165.31	15524.84	186298.11
		Step H	92.2534	7380.27	15990.59	191887.07
		Step I	95.0210	7601.68	16470.31	197643.68
		Step J	97.8716	7829.73	16964.41	203572.93



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
0086B	Assistant Transportation Planner-B	Step A	38.8960	3111.68	6741.97	80903.68
		Step B	41.1475	3291.80	7132.23	85586.80
		Step C	42.3820	3390.56	7346.21	88154.56
		Step D	43.6535	3492.28	7566.61	90799.28
		Step E	44.9630	3597.04	7793.59	93523.04
		Step F	46.3119	3704.95	8027.40	96328.75
		Step G	47.7012	3816.10	8268.21	99218.50
		Step H	49.1324	3930.59	8516.28	102195.39
		Step I	50.6063	4048.50	8771.76	105261.10
		Step J	52.1244	4169.95	9034.90	108418.75



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
1067B	Associate Electric Analyst-B	Step A	41.9468	3355.74	7270.78	87249.34
		Step B	44.3750	3550.00	7691.67	92300.00
		Step C	45.7062	3656.50	7922.41	95068.90
		Step D	47.0774	3766.19	8160.08	97920.99
		Step E	48.4897	3879.18	8404.88	100858.58
		Step F	49.9444	3995.55	8657.03	103884.35
		Step G	51.4427	4115.42	8916.73	107000.82
		Step H	52.9860	4238.88	9184.24	110210.88
		Step I	54.5756	4366.05	9459.77	113517.25
		Step J	56.2128	4497.02	9743.55	116922.62



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
0088B	Associate Transportation Planner-B	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	45.2631	3621.05	7845.60	94147.25
		Step C	46.6209	3729.67	8080.96	96971.47
		Step D	48.0195	3841.56	8323.38	99880.56
		Step E	49.4601	3956.81	8573.08	102877.01
		Step F	50.9439	4075.51	8830.28	105963.31
		Step G	52.4722	4197.78	9095.18	109142.18
		Step H	54.0464	4323.71	9368.04	112416.51
		Step I	55.6679	4453.43	9649.10	115789.23
		Step J	57.3379	4587.03	9938.57	119262.83



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
0910B	Budget Analyst I-B	Step A	40.8396	3267.17	7078.86	84946.37
		Step B	43.2035	3456.28	7488.61	89863.28
		Step C	44.4997	3559.98	7713.28	92559.38
		Step D	45.8346	3666.77	7944.66	95335.97
		Step E	47.2097	3776.78	8183.01	98196.18
		Step F	48.6260	3890.08	8428.51	101142.08
		Step G	50.0848	4006.78	8681.37	104176.38
		Step H	51.5873	4126.98	8941.80	107301.58
		Step I	53.1350	4250.80	9210.07	110520.80
		Step J	54.7290	4378.32	9486.36	113836.32



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
0915B	Budget Analyst II-B	Step A	44.9245	3593.96	7786.91	93442.96
		Step B	47.5250	3802.00	8237.67	98852.00
		Step C	48.9507	3916.06	8484.79	101817.46
		Step D	50.4192	4033.54	8739.33	104871.94
		Step E	51.9318	4154.54	9001.51	108018.14
		Step F	53.4898	4279.18	9271.57	111258.78
		Step G	55.0945	4407.56	9549.71	114596.56
		Step H	56.7474	4539.79	9836.22	118034.59
		Step I	58.4497	4675.98	10131.28	121575.38
		Step J	60.2033	4816.26	10435.24	125222.86



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Salary Schedule: Management-B

Appendix:I
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MGMT Management

Grade Code	Grade Name
0930B	Budget Manager-B

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	64.3748	5149.98	11158.30	133899.58
Step B	68.1011	5448.09	11804.19	141650.29
Step C	70.1441	5611.53	12158.31	145899.73
Step D	72.2484	5779.87	12523.06	150276.67
Step E	74.4159	5953.27	12898.76	154785.07
Step F	76.6484	6131.87	13285.72	159428.67
Step G	78.9480	6315.84	13684.32	164211.84
Step H	81.3163	6505.30	14094.83	169137.90
Step I	83.7558	6700.46	14517.67	174212.06
Step J	86.2684	6901.47	14953.19	179438.27



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
1043B	Building Official-B	Step A	64.7760	5182.08	11227.84	134734.08
		Step B	68.5254	5482.03	11877.74	142532.83
		Step C	70.5811	5646.49	12234.06	146808.69
		Step D	72.6984	5815.87	12601.06	151212.67
		Step E	74.8794	5990.35	12979.10	155749.15
		Step F	77.1258	6170.06	13368.47	160421.66
		Step G	79.4396	6355.17	13769.53	165234.37
		Step H	81.8228	6545.82	14182.62	170191.42
		Step I	84.2776	6742.21	14608.12	175297.41
		Step J	86.8058	6944.46	15046.34	180556.06



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1141B	Building Plans Examiner Supervsior-B	Step A	48.3936	3871.49	8388.22	100658.69
		Step B	51.1949	4095.59	8873.78	106485.39
		Step C	52.7307	4218.46	9139.99	109679.86
		Step D	54.3126	4345.01	9414.18	112970.21
		Step E	55.9420	4475.36	9696.61	116359.36
		Step F	57.6203	4609.62	9987.52	119850.22
		Step G	59.3488	4747.90	10287.13	123445.50
		Step H	61.1294	4890.35	10595.76	127149.15
		Step I	62.9632	5037.06	10913.62	130963.46
		Step J	64.8521	5188.17	11241.03	134892.37



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
1166B	Business Systems Supervisor-B	Step A	48.7624	3900.99	8452.15	101425.79
		Step B	51.5850	4126.80	8941.40	107296.80
		Step C	53.1326	4250.61	9209.65	110515.81
		Step D	54.7265	4378.12	9485.93	113831.12
		Step E	56.3683	4509.46	9770.51	117246.06
		Step F	58.0594	4644.75	10063.63	120763.55
		Step G	59.8012	4784.10	10365.54	124386.50
		Step H	61.5952	4927.62	10676.50	128118.02
		Step I	63.4431	5075.45	10996.80	131961.65
		Step J	65.3463	5227.70	11326.69	135920.30



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Salary Schedule: Management-B

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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1180B	Chief Information Officer-B	Step A	87.6399	7011.19	15190.92	182290.99
		Step B	92.7128	7417.02	16070.22	192842.62
		Step C	95.4941	7639.53	16552.31	198627.73
		Step D	98.3590	7868.72	17048.89	204586.72
		Step E	101.3099	8104.79	17560.38	210724.59
		Step F	104.3491	8347.93	18087.18	217046.13
		Step G	107.4796	8598.37	18629.80	223557.57
		Step H	110.7040	8856.32	19188.69	230264.32
		Step I	114.0250	9122.00	19764.33	237172.00
		Step J	117.4459	9395.67	20357.29	244287.47



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
1220B	City Clerk-B	Step A	72.4286	5794.29	12554.29	150651.49
		Step B	76.6210	6129.68	13280.97	159371.68
		Step C	78.9197	6313.58	13679.41	164152.98
		Step D	81.2873	6502.98	14089.80	169077.58
		Step E	83.7259	6698.07	14512.49	174149.87
		Step F	86.2377	6899.02	14947.87	179374.42
		Step G	88.8248	7105.98	15396.30	184755.58
		Step H	91.4896	7319.17	15858.20	190298.37
		Step I	94.2342	7538.74	16333.93	196007.14
		Step J	97.0612	7764.90	16823.94	201887.30



City of Roseville

Salary Schedule: Management-B

Appendix:I
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MGMT Management

Grade Code	Grade Name
1142B	City Librarian-B

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	54.1264	4330.11	9381.91	112582.91
Step B	57.2600	4580.80	9925.07	119100.80
Step C	58.9780	4718.24	10222.85	122674.24
Step D	60.7472	4859.78	10529.51	126354.18
Step E	62.5696	5005.57	10845.40	130144.77
Step F	64.4468	5155.74	11170.78	134049.34
Step G	66.3800	5310.40	11505.87	138070.40
Step H	68.3715	5469.72	11851.06	142212.72
Step I	70.4227	5633.82	12206.60	146479.22
Step J	72.5354	5802.83	12572.80	150873.63



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
1368B	Code Enforcement Supervisor-B	Step A	44.8096	3584.77	7767.00	93203.97
		Step B	47.4034	3792.27	8216.59	98599.07
		Step C	48.8256	3906.05	8463.10	101557.25
		Step D	50.2904	4023.23	8717.00	104604.03
		Step E	51.7990	4143.92	8978.49	107741.92
		Step F	53.3530	4268.24	9247.85	110974.24
		Step G	54.9536	4396.29	9525.29	114303.49
		Step H	56.6023	4528.18	9811.07	117732.78
		Step I	58.3003	4664.02	10105.39	121264.62
		Step J	60.0493	4803.94	10408.55	124902.54



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Salary Schedule: Management-B

Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1027B	Construction Inspection Superintendent-B	Step A	50.4254	4034.03	8740.40	104884.83
		Step B	53.3444	4267.55	9246.36	110956.35
		Step C	54.9447	4395.58	9523.75	114284.98
		Step D	56.5931	4527.45	9809.47	117713.65
		Step E	58.2908	4663.26	10103.74	121244.86
		Step F	60.0396	4803.17	10406.86	124882.37
		Step G	61.8407	4947.26	10719.05	128628.66
		Step H	63.6961	5095.69	11040.66	132487.89
		Step I	65.6070	5248.56	11371.88	136462.56
		Step J	67.5751	5406.01	11713.02	140556.21



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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	40.7846	3262.77	7069.33	84831.97
		Step B	43.1448	3451.58	7478.43	89741.18
		Step C	44.4392	3555.14	7702.79	92433.54
		Step D	45.7723	3661.78	7933.87	95206.38
		Step E	47.1456	3771.65	8171.90	98062.85
		Step F	48.5599	3884.79	8417.05	101004.59
		Step G	50.0167	4001.34	8669.56	104034.74
		Step H	51.5171	4121.37	8929.63	107155.57
		Step I	53.0627	4245.02	9197.53	110370.42
		Step J	54.6551	4372.41	9473.55	113682.61



City of Roseville

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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1025B	Custodian Supervisor-B	Step A	27.4703	2197.62	4761.52	57138.22
		Step B	29.0604	2324.83	5037.14	60445.63
		Step C	29.9322	2394.58	5188.25	62258.98
		Step D	30.8302	2466.42	5343.90	64126.82
		Step E	31.7550	2540.40	5504.20	66050.40
		Step F	32.7076	2616.61	5669.32	68031.81
		Step G	33.6889	2695.11	5839.41	70072.91
		Step H	34.6995	2775.96	6014.58	72174.96
		Step I	35.7405	2859.24	6195.02	74340.24
		Step J	36.8128	2945.02	6380.89	76570.62



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1150B	Customer Care Manager-B	Step A	55.8361	4466.89	9678.26	116139.09
		Step B	59.0681	4725.45	10238.47	122861.65
		Step C	60.8401	4867.21	10545.62	126547.41
		Step D	62.6653	5013.22	10861.99	130343.82
		Step E	64.5453	5163.62	11187.85	134254.22
		Step F	66.4817	5318.54	11523.49	138281.94
		Step G	68.4762	5478.10	11869.21	142430.50
		Step H	70.5304	5642.43	12225.27	146703.23
		Step I	72.6463	5811.70	12592.03	151104.30
		Step J	74.8257	5986.06	12969.79	155637.46



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9561B	Data Management System Administrator-B	Step A	58.0505	4644.04	10062.09	120745.04
		Step B	61.4107	4912.86	10644.52	127734.26
		Step C	63.2531	5060.25	10963.87	131566.45
		Step D	65.1507	5212.06	11292.79	135513.46
		Step E	67.1051	5368.41	11631.55	139578.61
		Step F	69.1183	5529.46	11980.51	143766.06
		Step G	71.1920	5695.36	12339.95	148079.36
		Step H	73.3276	5866.21	12710.12	152521.41
		Step I	75.5275	6042.20	13091.43	157097.20
		Step J	77.7934	6223.47	13484.19	161810.27



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MGMT Management

Grade Code	Grade Name
1168B	Database Supervisor-B

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	48.7624	3900.99	8452.15	101425.79
Step B	51.5850	4126.80	8941.40	107296.80
Step C	53.1326	4250.61	9209.65	110515.81
Step D	54.7265	4378.12	9485.93	113831.12
Step E	56.3683	4509.46	9770.51	117246.06
Step F	58.0594	4644.75	10063.63	120763.55
Step G	59.8012	4784.10	10365.54	124386.50
Step H	61.5952	4927.62	10676.50	128118.02
Step I	63.4431	5075.45	10996.80	131961.65
Step J	65.3463	5227.70	11326.69	135920.30



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1645B	Department Public Information Officer-B	Step A	50.7400	4059.20	8794.93	105539.20
		Step B	53.6771	4294.17	9304.03	111648.37
		Step C	55.2874	4422.99	9583.15	114997.79
		Step D	56.9461	4555.69	9870.66	118447.89
		Step E	58.6544	4692.35	10166.76	122001.15
		Step F	60.4141	4833.13	10471.78	125661.33
		Step G	62.2265	4978.12	10785.93	129431.12
		Step H	64.0934	5127.47	11109.52	133314.27
		Step I	66.0162	5281.30	11442.81	137313.70
		Step J	67.9966	5439.73	11786.08	141432.93



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1655B	Deputy City Attorney I-B	Step A	69.2892	5543.14	12010.13	144121.54
		Step B	73.2998	5863.98	12705.30	152463.58
		Step C	75.4987	6039.90	13086.44	157037.30
		Step D	77.7638	6221.10	13479.06	161748.70
		Step E	80.0966	6407.73	13883.41	166600.93
		Step F	82.4996	6599.97	14299.93	171599.17
		Step G	84.9747	6797.98	14728.95	176747.38
		Step H	87.5237	7001.90	15170.77	182049.30
		Step I	90.1495	7211.96	15625.91	187510.96
		Step J	92.8540	7428.32	16094.69	193136.32



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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	76.2181	6097.45	13211.14	158533.65
		Step B	80.6298	6450.38	13975.83	167709.98
		Step C	83.0487	6643.90	14395.11	172741.30
		Step D	85.5401	6843.21	14826.95	177923.41
		Step E	88.1063	7048.50	15271.76	183261.10
		Step F	90.7496	7259.97	15729.93	188759.17
		Step G	93.4719	7477.75	16201.80	194421.55
		Step H	96.2762	7702.10	16687.87	200254.50
		Step I	99.1644	7933.15	17188.50	206261.95
		Step J	102.1395	8171.16	17704.18	212450.16



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1659B	Deputy City Manager-B	Step A	79.6715	6373.72	13809.73	165716.72
		Step B	84.2832	6742.66	14609.09	175309.06
		Step C	86.8118	6944.94	15047.38	180568.54
		Step D	89.4160	7153.28	15498.77	185985.28
		Step E	92.0985	7367.88	15963.74	191564.88
		Step F	94.8614	7588.91	16442.64	197311.71
		Step G	97.7073	7816.58	16935.93	203231.18
		Step H	100.6386	8051.09	17444.02	209328.29
		Step I	103.6577	8292.62	17967.33	215608.02
		Step J	106.7674	8541.39	18506.35	222076.19



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1280B	Development Services Business Systems Administrator-B	Step A	53.6022	4288.18	9291.05	111492.58
		Step B	56.7049	4536.39	9828.85	117946.19
		Step C	58.4059	4672.47	10123.69	121484.27
		Step D	60.1581	4812.65	10427.40	125128.85
		Step E	61.9629	4957.03	10740.24	128882.83
		Step F	63.8218	5105.74	11062.45	132749.34
		Step G	65.7364	5258.91	11394.31	136731.71
		Step H	67.7085	5416.68	11736.14	140833.68
		Step I	69.7397	5579.18	12088.21	145058.58
		Step J	71.8319	5746.55	12450.86	149410.35



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1676B	Development Services Director-B	Step A	87.6401	7011.21	15190.95	182291.41
		Step B	92.7129	7417.03	16070.24	192842.83
		Step C	95.4943	7639.54	16552.35	198628.14
		Step D	98.3592	7868.74	17048.93	204587.14
		Step E	101.3100	8104.80	17560.40	210724.80
		Step F	104.3492	8347.94	18087.19	217046.34
		Step G	107.4797	8598.38	18629.81	223557.78
		Step H	110.7040	8856.32	19188.69	230264.32
		Step I	114.0252	9122.02	19764.37	237172.42
		Step J	117.4459	9395.67	20357.29	244287.47



City of Roseville

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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1695B	Development Services Manager-B	Step A	63.7847	5102.78	11056.01	132672.18
		Step B	67.4770	5398.16	11696.01	140352.16
		Step C	69.5013	5560.10	12046.89	144562.70
		Step D	71.5862	5726.90	12408.27	148899.30
		Step E	73.7339	5898.71	12780.54	153366.51
		Step F	75.9458	6075.66	13163.94	157967.26
		Step G	78.2243	6257.94	13558.88	162706.54
		Step H	80.5710	6445.68	13965.64	167587.68
		Step I	82.9881	6639.05	14384.60	172615.25
		Step J	85.4778	6838.22	14816.15	177793.82



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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	56.9250	4554.00	9867.00	118404.00
		Step B	60.2201	4817.61	10438.15	125257.81
		Step C	62.0267	4962.14	10751.29	129015.54
		Step D	63.8875	5111.00	11073.83	132886.00
		Step E	65.8041	5264.33	11406.04	136872.53
		Step F	67.7782	5422.26	11748.22	140978.66
		Step G	69.8117	5584.94	12100.69	145208.34
		Step H	71.9060	5752.48	12463.71	149564.48
		Step I	74.0632	5925.06	12837.62	154051.46
		Step J	76.2850	6102.80	13222.73	158672.80



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
6520B	ERP Program Manager-B	Step A	56.0911	4487.29	9722.46	116669.49
		Step B	59.3377	4747.02	10285.20	123422.42
		Step C	61.1178	4889.42	10593.75	127125.02
		Step D	62.9512	5036.10	10911.54	130938.50
		Step E	64.8398	5187.18	11238.90	134866.78
		Step F	66.7850	5342.80	11576.07	138912.80
		Step G	68.7886	5503.09	11923.36	143080.29
		Step H	70.8522	5668.18	12281.05	147372.58
		Step I	72.9777	5838.22	12649.47	151793.62
		Step J	75.1671	6013.37	13028.96	156347.57



City of Roseville

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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	38.8967	3111.74	6742.09	80905.14
		Step B	41.1481	3291.85	7132.34	85588.05
		Step C	42.3827	3390.62	7346.33	88156.02
		Step D	43.6541	3492.33	7566.71	90800.53
		Step E	44.9637	3597.10	7793.71	93524.50
		Step F	46.3126	3705.01	8027.52	96330.21
		Step G	47.7021	3816.17	8268.36	99220.37
		Step H	49.1331	3930.65	8516.40	102196.85
		Step I	50.6071	4048.57	8771.90	105262.77
		Step J	52.1252	4170.02	9035.03	108420.42



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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	42.7866	3422.93	7416.34	88996.13
		Step B	45.2631	3621.05	7845.60	94147.25
		Step C	46.6209	3729.67	8080.96	96971.47
		Step D	48.0195	3841.56	8323.38	99880.56
		Step E	49.4601	3956.81	8573.08	102877.01
		Step F	50.9439	4075.51	8830.28	105963.31
		Step G	52.4722	4197.78	9095.18	109142.18
		Step H	54.0464	4323.71	9368.04	112416.51
		Step I	55.6679	4453.43	9649.10	115789.23
		Step J	57.3379	4587.03	9938.57	119262.83



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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1710B	Economic Development Director-B	Step A	83.4695	6677.56	14468.05	173616.56
		Step B	88.3013	7064.10	15305.56	183666.70
		Step C	90.9504	7276.03	15764.74	189176.83
		Step D	93.6790	7494.32	16237.69	194852.32
		Step E	96.4892	7719.14	16724.79	200697.54
		Step F	99.3839	7950.71	17226.54	206718.51
		Step G	102.3654	8189.23	17743.34	212920.03
		Step H	105.4363	8434.90	18275.63	219307.50
		Step I	108.5995	8687.96	18823.91	225886.96
		Step J	111.8574	8948.59	19388.62	232663.39



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1118B	Economic Development Manager-B	Step A	57.8844	4630.75	10033.30	120399.55
		Step B	61.2374	4898.99	10614.48	127373.79
		Step C	63.0744	5045.95	10932.90	131194.75
		Step D	64.9667	5197.34	11260.89	135130.74
		Step E	66.9157	5353.26	11598.72	139184.66
		Step F	68.9231	5513.85	11946.67	143360.05
		Step G	70.9908	5679.26	12305.07	147660.86
		Step H	73.1204	5849.63	12674.20	152090.43
		Step I	75.3142	6025.14	13054.46	156653.54
		Step J	77.5734	6205.87	13446.06	161352.67



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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	53.6788	4294.30	9304.33	111651.90
		Step B	56.7859	4542.87	9842.89	118114.67
		Step C	58.4895	4679.16	10138.18	121658.16
		Step D	60.2442	4819.54	10442.33	125307.94
		Step E	62.0515	4964.12	10755.59	129067.12
		Step F	63.9130	5113.04	11078.25	132939.04
		Step G	65.8304	5266.43	11410.60	136927.23
		Step H	67.8053	5424.42	11752.92	141035.02
		Step I	69.8395	5587.16	12105.51	145266.16
		Step J	71.9347	5754.78	12468.68	149624.18



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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	50.3365	4026.92	8724.99	104699.92
		Step B	53.2502	4260.02	9230.03	110760.42
		Step C	54.8478	4387.82	9506.95	114083.42
		Step D	56.4933	4519.46	9792.17	117506.06
		Step E	58.1880	4655.04	10085.92	121031.04
		Step F	59.9337	4794.70	10388.51	124662.10
		Step G	61.7317	4938.54	10700.16	128401.94
		Step H	63.5835	5086.68	11021.14	132253.68
		Step I	65.4910	5239.28	11351.77	136221.28
		Step J	67.4559	5396.47	11692.36	140308.27



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1312B	Electric Business Analyst II-B	Step A	55.3699	4429.59	9597.45	115169.39
		Step B	58.5748	4685.98	10152.97	121835.58
		Step C	60.3321	4826.57	10457.56	125490.77
		Step D	62.1421	4971.37	10771.30	129255.57
		Step E	64.0063	5120.50	11094.43	133133.10
		Step F	65.9266	5274.13	11427.28	137127.33
		Step G	67.9043	5432.34	11770.08	141240.94
		Step H	69.9414	5595.31	12123.18	145478.11
		Step I	72.0397	5763.18	12486.88	149842.58
		Step J	74.2009	5936.07	12861.49	154337.87



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1066B	Electric Compliance Analyst I-B	Step A	50.3362	4026.90	8724.94	104699.30
		Step B	53.2499	4259.99	9229.98	110759.79
		Step C	54.8474	4387.79	9506.88	114082.59
		Step D	56.4928	4519.42	9792.09	117505.02
		Step E	58.1876	4655.01	10085.85	121030.21
		Step F	59.9333	4794.66	10388.44	124661.26
		Step G	61.7311	4938.49	10700.06	128400.69
		Step H	63.5832	5086.66	11021.09	132253.06
		Step I	65.4907	5239.26	11351.72	136220.66
		Step J	67.4555	5396.44	11692.29	140307.44



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2335B	Electric Compliance Analyst II-B	Step A	55.3707	4429.66	9597.59	115171.06
		Step B	58.5759	4686.07	10153.16	121837.87
		Step C	60.3330	4826.64	10457.72	125492.64
		Step D	62.1431	4971.45	10771.47	129257.65
		Step E	64.0074	5120.59	11094.62	133135.39
		Step F	65.9276	5274.21	11427.45	137129.41
		Step G	67.9054	5432.43	11770.27	141243.23
		Step H	69.9425	5595.40	12123.37	145480.40
		Step I	72.0408	5763.26	12487.07	149844.86
		Step J	74.2021	5936.17	12861.70	154340.37



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1151B	Electric Customer Programs and Public Affairs Supervisor-B	Step A	70.0436	5603.49	12140.89	145690.69
		Step B	74.0980	5927.84	12843.65	154123.84
		Step C	76.3210	6105.68	13228.97	158747.68
		Step D	78.6106	6288.85	13625.84	163510.05
		Step E	80.9690	6477.52	14034.63	168415.52
		Step F	83.3980	6671.84	14455.65	173467.84
		Step G	85.9000	6872.00	14889.33	178672.00
		Step H	88.4769	7078.15	15336.00	184031.95
		Step I	91.1312	7290.50	15796.07	189552.90
		Step J	93.8652	7509.22	16269.97	195239.62



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1117B	Electric Economic and Development Partnership Manager-B	Step A	77.0480	6163.84	13354.99	160259.84
		Step B	81.5078	6520.62	14128.02	169536.22
		Step C	83.9530	6716.24	14551.85	174622.24
		Step D	86.4716	6917.73	14988.41	179860.93
		Step E	89.0657	7125.26	15438.05	185256.66
		Step F	91.7378	7339.02	15901.22	190814.62
		Step G	94.4898	7559.18	16378.23	196538.78
		Step H	97.3247	7785.98	16869.61	202435.38
		Step I	100.2444	8019.55	17375.70	208508.35
		Step J	103.2516	8260.13	17896.94	214763.33



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2284B	Electric Engineering Technician Supervisor-B	Step A	65.5575	5244.60	11363.30	136359.60
		Step B	69.3520	5548.16	12021.01	144252.16
		Step C	71.4327	5714.62	12381.67	148580.02
		Step D	73.5756	5886.05	12753.10	153037.25
		Step E	75.7830	6062.64	13135.72	157628.64
		Step F	78.0563	6244.50	13529.76	162357.10
		Step G	80.3981	6431.85	13935.67	167228.05
		Step H	82.8101	6624.81	14353.75	172245.01
		Step I	85.2942	6823.54	14784.33	177411.94
		Step J	87.8532	7028.26	15227.89	182734.66



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
2338B	Electric Operations Manager-B	Step A	100.2263	8018.10	17372.56	208470.70
		Step B	106.0278	8482.22	18378.15	220537.82
		Step C	109.2086	8736.69	18929.49	227153.89
		Step D	112.4849	8998.79	19497.38	233968.59
		Step E	115.8594	9268.75	20082.30	240987.55
		Step F	119.3352	9546.82	20684.77	248217.22
		Step G	122.9152	9833.22	21305.30	255663.62
		Step H	126.6027	10128.22	21944.47	263333.62
		Step I	130.4008	10432.06	22602.81	271233.66
		Step J	134.3127	10745.02	23280.87	279370.42



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
2339B	Electric Operations Supervisor-B	Step A	91.1189	7289.51	15793.94	189527.31
		Step B	96.3933	7711.46	16708.17	200498.06
		Step C	99.2850	7942.80	17209.40	206512.80
		Step D	102.2635	8181.08	17725.67	212708.08
		Step E	105.3315	8426.52	18257.46	219089.52
		Step F	108.4914	8679.31	18805.18	225662.11
		Step G	111.7462	8939.70	19369.34	232432.10
		Step H	115.0986	9207.89	19950.42	239405.09
		Step I	118.5516	9484.13	20548.94	246587.33
		Step J	122.1080	9768.64	21165.39	253984.64



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2314B	Electric Resources Planner I-B	Step A	58.1358	4650.86	10076.87	120922.46
		Step B	61.5010	4920.08	10660.17	127922.08
		Step C	63.3461	5067.69	10979.99	131759.89
		Step D	65.2464	5219.71	11309.38	135712.51
		Step E	67.2039	5376.31	11648.68	139784.11
		Step F	69.2200	5537.60	11998.13	143977.60
		Step G	71.2966	5703.73	12358.08	148296.93
		Step H	73.4356	5874.85	12728.84	152746.05
		Step I	75.6385	6051.08	13110.67	157328.08
		Step J	77.9077	6232.62	13504.00	162048.02



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2316B	Electric Resources Planner II-B	Step A	63.9493	5115.94	11084.55	133014.54
		Step B	67.6512	5412.10	11726.21	140714.50
		Step C	69.6807	5574.46	12077.99	144935.86
		Step D	71.7711	5741.69	12440.32	149283.89
		Step E	73.9243	5913.94	12813.55	153762.54
		Step F	76.1420	6091.36	13197.95	158375.36
		Step G	78.4262	6274.10	13593.87	163126.50
		Step H	80.7791	6462.33	14001.71	168020.53
		Step I	83.2023	6656.18	14421.73	173060.78
		Step J	85.6985	6855.88	14854.41	178252.88



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
2216B	Electric Risk and Compliance Supervisor-B	Step A	70.0397	5603.18	12140.21	145682.58
		Step B	74.0939	5927.51	12842.94	154115.31
		Step C	76.3166	6105.33	13228.21	158738.53
		Step D	78.6060	6288.48	13625.04	163500.48
		Step E	80.9643	6477.14	14033.81	168405.74
		Step F	83.3933	6671.46	14454.84	173458.06
		Step G	85.8950	6871.60	14888.47	178661.60
		Step H	88.4719	7077.75	15335.13	184021.55
		Step I	91.1260	7290.08	15795.17	189542.08
		Step J	93.8598	7508.78	16269.03	195228.38



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2352B	Electric Safety Coordinator-B	Step A	42.7865	3422.92	7416.33	88995.92
		Step B	45.2631	3621.05	7845.60	94147.25
		Step C	46.6209	3729.67	8080.96	96971.47
		Step D	48.0195	3841.56	8323.38	99880.56
		Step E	49.4601	3956.81	8573.08	102877.01
		Step F	50.9439	4075.51	8830.28	105963.31
		Step G	52.4722	4197.78	9095.18	109142.18
		Step H	54.0464	4323.71	9368.04	112416.51
		Step I	55.6679	4453.43	9649.10	115789.23
		Step J	57.3379	4587.03	9938.57	119262.83



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management						
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2319B	Electric Substation Supervisor-B	Step A	91.1189	7289.51	15793.94	189527.31
		Step B	96.3933	7711.46	16708.17	200498.06
		Step C	99.2850	7942.80	17209.40	206512.80
		Step D	102.2635	8181.08	17725.67	212708.08
		Step E	105.3315	8426.52	18257.46	219089.52
		Step F	108.4914	8679.31	18805.18	225662.11
		Step G	111.7462	8939.70	19369.34	232432.10
		Step H	115.0986	9207.89	19950.42	239405.09
		Step I	118.5516	9484.13	20548.94	246587.33
		Step J	122.1080	9768.64	21165.39	253984.64



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
9560B	Electric Technology Systems Administrator-B	Step A	70.0437	5603.50	12140.91	145690.90
		Step B	74.0980	5927.84	12843.65	154123.84
		Step C	76.3210	6105.68	13228.97	158747.68
		Step D	78.6106	6288.85	13625.84	163510.05
		Step E	80.9690	6477.52	14034.63	168415.52
		Step F	83.3980	6671.84	14455.65	173467.84
		Step G	85.9000	6872.00	14889.33	178672.00
		Step H	88.4769	7078.15	15336.00	184031.95
		Step I	91.1312	7290.50	15796.07	189552.90
		Step J	93.8652	7509.22	16269.97	195239.62



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management						
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1116B	Electric Utility Chief Operating Officer-B	Step A	126.7865	10142.92	21976.33	263715.92
		Step B	134.1254	10730.03	23248.40	278980.83
		Step C	138.1492	11051.94	23945.86	287350.34
		Step D	142.2937	11383.50	24664.24	295970.90
		Step E	146.5625	11725.00	25404.17	304850.00
		Step F	150.9593	12076.74	26166.28	313995.34
		Step G	155.4881	12439.05	26951.27	323415.25
		Step H	160.1528	12812.22	27759.82	333117.82
		Step I	164.9574	13196.59	28592.62	343111.39
		Step J	169.9061	13592.49	29450.39	353404.69



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2320B	Electric Utility Director-B	Step A	144.0772	11526.18	24973.38	299680.58
		Step B	152.4170	12193.36	26418.95	317027.36
		Step C	156.9896	12559.17	27211.53	326538.37
		Step D	161.6993	12935.94	28027.88	336334.54
		Step E	166.5501	13324.01	28868.68	346424.21
		Step F	171.5468	13723.74	29734.78	356817.34
		Step G	176.6930	14135.44	30626.79	367521.44
		Step H	181.9939	14559.51	31545.61	378547.31
		Step I	187.4536	14996.29	32491.96	389903.49
		Step J	193.0773	15446.18	33466.73	401600.78



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
2215B	Electric Utility Financial Administrator-B	Step A	70.0432	5603.46	12140.82	145689.86
		Step B	74.0976	5927.81	12843.58	154123.01
		Step C	76.3206	6105.65	13228.90	158746.85
		Step D	78.6101	6288.81	13625.75	163509.01
		Step E	80.9685	6477.48	14034.54	168414.48
		Step F	83.3975	6671.80	14455.57	173466.80
		Step G	85.8994	6871.95	14889.23	178670.75
		Step H	88.4764	7078.11	15335.91	184030.91
		Step I	91.1306	7290.45	15795.97	189551.65
		Step J	93.8646	7509.17	16269.86	195238.37



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	47.1965	3775.72	8180.73	98168.72
		Step B	49.9274	3994.19	8654.08	103848.99
		Step C	51.4253	4114.02	8913.72	106964.62
		Step D	52.9680	4237.44	9181.12	110173.44
		Step E	54.5570	4364.56	9456.55	113478.56
		Step F	56.1937	4495.50	9740.24	116882.90
		Step G	57.8796	4630.37	10032.46	120389.57
		Step H	59.6161	4769.29	10333.46	124001.49
		Step I	61.4045	4912.36	10643.45	127721.36
		Step J	63.2477	5059.82	10962.93	131555.22



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2500B	Energy Services Account Representative I-B	Step A	50.1522	4012.18	8693.05	104316.58
		Step B	53.0552	4244.42	9196.23	110354.82
		Step C	54.6469	4371.75	9472.13	113665.55
		Step D	56.2862	4502.90	9756.27	117075.30
		Step E	57.9748	4637.98	10048.97	120587.58
		Step F	59.7141	4777.13	10350.44	124205.33
		Step G	61.5055	4920.44	10660.95	127931.44
		Step H	63.3507	5068.06	10980.79	131769.46
		Step I	65.2512	5220.10	11310.21	135722.50
		Step J	67.2087	5376.70	11649.51	139794.10



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
2501B	Energy Services Account Representative II-B	Step A	55.1676	4413.41	9562.38	114748.61
		Step B	58.3609	4668.87	10115.89	121390.67
		Step C	60.1117	4808.94	10419.36	125032.34
		Step D	61.9151	4953.21	10731.95	128783.41
		Step E	63.7725	5101.80	11053.90	132646.80
		Step F	65.6858	5254.86	11385.54	136626.46
		Step G	67.6563	5412.50	11727.09	140725.10
		Step H	69.6861	5574.89	12078.92	144947.09
		Step I	71.7765	5742.12	12441.26	149295.12
		Step J	73.9299	5914.39	12814.52	153774.19



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
1277B	Engineering Manager-B	Step A	68.5204	5481.63	11876.87	142522.43
		Step B	72.4862	5798.90	12564.27	150771.30
		Step C	74.6608	5972.86	12941.21	155294.46
		Step D	76.9007	6152.06	13329.45	159953.46
		Step E	79.2078	6336.62	13729.35	164752.22
		Step F	81.5841	6526.73	14141.24	169694.93
		Step G	84.0314	6722.51	14565.44	174785.31
		Step H	86.5524	6924.19	15002.42	180028.99
		Step I	89.1490	7131.92	15452.49	185429.92
		Step J	91.8234	7345.87	15916.06	190992.67



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	49.2046	3936.37	8528.80	102345.57
		Step B	52.0527	4164.22	9022.47	108269.62
		Step C	53.6144	4289.15	9293.16	111517.95
		Step D	55.2228	4417.82	9571.95	114863.42
		Step E	56.8795	4550.36	9859.11	118309.36
		Step F	58.5858	4686.86	10154.87	121858.46
		Step G	60.3433	4827.46	10459.51	125514.06
		Step H	62.1537	4972.30	10773.31	129279.70
		Step I	64.0182	5121.46	11096.49	133157.86
		Step J	65.9389	5275.11	11429.41	137152.91



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	40.8396	3267.17	7078.86	84946.37
		Step B	43.2035	3456.28	7488.61	89863.28
		Step C	44.4997	3559.98	7713.28	92559.38
		Step D	45.8346	3666.77	7944.66	95335.97
		Step E	47.2097	3776.78	8183.01	98196.18
		Step F	48.6260	3890.08	8428.51	101142.08
		Step G	50.0848	4006.78	8681.37	104176.38
		Step H	51.5873	4126.98	8941.80	107301.58
		Step I	53.1350	4250.80	9210.07	110520.80
		Step J	54.7290	4378.32	9486.36	113836.32



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	44.9245	3593.96	7786.91	93442.96
		Step B	47.5250	3802.00	8237.67	98852.00
		Step C	48.9507	3916.06	8484.79	101817.46
		Step D	50.4192	4033.54	8739.33	104871.94
		Step E	51.9318	4154.54	9001.51	108018.14
		Step F	53.4898	4279.18	9271.57	111258.78
		Step G	55.0945	4407.56	9549.71	114596.56
		Step H	56.7474	4539.79	9836.22	118034.59
		Step I	58.4497	4675.98	10131.28	121575.38
		Step J	60.2033	4816.26	10435.24	125222.86



City of Roseville

Salary Schedule: Management-B

Appendix:I
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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1122B	Environmental Utilities Business Services Manager-B	Step A	65.2227	5217.82	11305.27	135663.22
		Step B	68.9981	5519.85	11959.67	143516.05
		Step C	71.0681	5685.45	12318.47	147821.65
		Step D	73.2000	5856.00	12688.00	152256.00
		Step E	75.3960	6031.68	13068.64	156823.68
		Step F	77.6579	6212.63	13460.70	161528.43
		Step G	79.9878	6399.02	13864.55	166374.62
		Step H	82.3873	6590.98	14280.47	171365.58
		Step I	84.8590	6788.72	14708.89	176506.72
		Step J	87.4047	6992.38	15150.15	181801.78



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
2541B	Environmental Utilities Compliance Administrator-B	Step A	51.3423	4107.38	8899.33	106791.98
		Step B	54.3138	4345.10	9414.39	112972.70
		Step C	55.9433	4475.46	9696.84	116362.06
		Step D	57.6217	4609.74	9987.76	119853.14
		Step E	59.3503	4748.02	10287.39	123448.62
		Step F	61.1308	4890.46	10596.01	127152.06
		Step G	62.9646	5037.17	10913.86	130966.37
		Step H	64.8537	5188.30	11241.31	134895.70
		Step I	66.7993	5343.94	11578.55	138942.54
		Step J	68.8032	5504.26	11925.89	143110.66



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
1684B	Environmental Utilities Director-B	Step A	98.4950	7879.60	17072.47	204869.60
		Step B	104.1962	8335.70	18060.67	216728.10
		Step C	107.3221	8585.77	18602.50	223229.97
		Step D	110.5417	8843.34	19160.56	229926.74
		Step E	113.8579	9108.63	19735.37	236824.43
		Step F	117.2737	9381.90	20327.44	243929.30
		Step G	120.7919	9663.35	20937.26	251247.15
		Step H	124.4156	9953.25	21565.37	258784.45
		Step I	128.1483	10251.86	22212.37	266548.46
		Step J	131.9925	10559.40	22878.70	274544.40



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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	59.7014	4776.11	10348.24	124178.91
		Step B	63.1578	5052.62	10947.35	131368.22
		Step C	65.0525	5204.20	11275.77	135309.20
		Step D	67.0041	5360.33	11614.04	139368.53
		Step E	69.0143	5521.14	11962.48	143549.74
		Step F	71.0847	5686.78	12321.35	147856.18
		Step G	73.2173	5857.38	12691.00	152291.98
		Step H	75.4138	6033.10	13071.73	156860.70
		Step I	77.6762	6214.10	13463.87	161566.50
		Step J	80.0065	6400.52	13867.79	166413.52



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Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1147B	Environmental Utilities Operations Superintendent-B	Step A	58.6184	4689.47	10160.52	121926.27
		Step B	62.0115	4960.92	10748.66	128983.92
		Step C	63.8717	5109.74	11071.09	132853.14
		Step D	65.7880	5263.04	11403.25	136839.04
		Step E	67.7616	5420.93	11745.34	140944.13
		Step F	69.7944	5583.55	12097.70	145172.35
		Step G	71.8883	5751.06	12460.64	149527.66
		Step H	74.0449	5923.59	12834.45	154013.39
		Step I	76.2663	6101.30	13219.49	158633.90
		Step J	78.5543	6284.34	13616.08	163392.94



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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	41.2777	3302.22	7154.80	85857.62
		Step B	43.6669	3493.35	7568.93	90827.15
		Step C	44.9770	3598.16	7796.01	93552.16
		Step D	46.3263	3706.10	8029.89	96358.70
		Step E	47.7161	3817.29	8270.79	99249.49
		Step F	49.1477	3931.82	8518.93	102227.22
		Step G	50.6220	4049.76	8774.48	105293.76
		Step H	52.1406	4171.25	9037.70	108452.45
		Step I	53.7049	4296.39	9308.85	111706.19
		Step J	55.3161	4425.29	9588.12	115057.49



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
1155B	Finance Director-B	Step A	85.1357	6810.86	14756.85	177082.26
		Step B	90.0637	7205.10	15611.04	187332.50
		Step C	92.7656	7421.25	16079.37	192952.45
		Step D	95.5486	7643.89	16561.76	198741.09
		Step E	98.4151	7873.21	17058.62	204703.41
		Step F	101.3675	8109.40	17570.37	210844.40
		Step G	104.4086	8352.69	18097.49	217169.89
		Step H	107.5407	8603.26	18640.39	223684.66
		Step I	110.7670	8861.36	19199.61	230395.36
		Step J	114.0900	9127.20	19775.60	237307.20



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2900B	Finance Manager-B	Step A	64.3748	5149.98	11158.30	133899.58
		Step B	68.1011	5448.09	11804.19	141650.29
		Step C	70.1441	5611.53	12158.31	145899.73
		Step D	72.2484	5779.87	12523.06	150276.67
		Step E	74.4159	5953.27	12898.76	154785.07
		Step F	76.6484	6131.87	13285.72	159428.67
		Step G	78.9480	6315.84	13684.32	164211.84
		Step H	81.3163	6505.30	14094.83	169137.90
		Step I	83.7558	6700.46	14517.67	174212.06
		Step J	86.2684	6901.47	14953.19	179438.27



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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	63.0910	5047.28	10935.77	131229.28
		Step B	66.7386	5339.09	11568.02	138816.29
		Step C	68.7407	5499.26	11915.05	142980.66
		Step D	70.8030	5664.24	12272.52	147270.24
		Step E	72.9270	5834.16	12640.68	151688.16
		Step F	75.1149	6009.19	13019.92	156238.99
		Step G	77.3683	6189.46	13410.51	160926.06
		Step H	79.6893	6375.14	13812.81	165753.74
		Step I	82.0800	6566.40	14227.20	170726.40
		Step J	84.5476	6763.81	14654.92	175859.01



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0905B	Fire Battalion Chief-B	Step A	45.0648	5047.26	10935.72	131228.70
		Step B	47.6704	5339.08	11568.02	138816.20
		Step C	49.1007	5499.28	11915.10	142981.24
		Step D	50.5736	5664.24	12272.53	147270.32
		Step E	52.0909	5834.18	12640.73	151688.70
		Step F	53.6536	6009.20	13019.94	156239.28
		Step G	55.2631	6189.47	13410.51	160926.15
		Step H	56.9210	6375.15	13812.83	165753.95
		Step I	58.6286	6566.40	14227.21	170726.48
		Step J	60.3914	6763.84	14654.98	175859.76



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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	91.5156	7321.25	15862.70	190352.45
		Step B	96.8126	7745.01	16780.85	201370.21
		Step C	99.7171	7977.37	17284.30	207411.57
		Step D	102.7086	8216.69	17802.82	213633.89
		Step E	105.7898	8463.18	18336.90	220042.78
		Step F	108.9635	8717.08	18887.01	226644.08
		Step G	112.2324	8978.59	19453.62	233443.39
		Step H	115.5994	9247.95	20037.23	240446.75
		Step I	119.0674	9525.39	20638.35	247660.19
		Step J	122.6394	9811.15	21257.50	255089.95



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3332B	Fire Division Chief-B	Step A	69.4024	5552.19	12029.75	144356.99
		Step B	73.4196	5873.57	12726.06	152712.77
		Step C	75.6222	6049.78	13107.85	157294.18
		Step D	77.8909	6231.27	13501.09	162013.07
		Step E	80.2276	6418.21	13906.12	166873.41
		Step F	82.6345	6610.76	14323.31	171879.76
		Step G	85.1135	6809.08	14753.01	177036.08
		Step H	87.6669	7013.35	15195.60	182347.15
		Step I	90.2969	7223.75	15651.46	187817.55
		Step J	93.0058	7440.46	16121.01	193452.06



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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	49.5732	5552.20	12029.76	144357.16
		Step B	52.4425	5873.56	12726.05	152712.56
		Step C	54.0158	6049.77	13107.83	157294.01
		Step D	55.6363	6231.27	13501.08	162012.91
		Step E	57.3054	6418.20	13906.11	166873.32
		Step F	59.0245	6610.74	14323.28	171879.34
		Step G	60.7952	6809.06	14752.97	177035.62
		Step H	62.6190	7013.33	15195.54	182346.53
		Step I	64.4976	7223.73	15651.42	187817.01
		Step J	66.4326	7440.45	16120.98	193451.73



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2565B	Fleet Services Supervisor-B	Step A	41.0224	3281.79	7110.55	85326.59
		Step B	43.3970	3471.76	7522.15	90265.76
		Step C	44.6989	3575.91	7747.81	92973.71
		Step D	46.0399	3683.19	7980.25	95762.99
		Step E	47.4210	3793.68	8219.64	98635.68
		Step F	48.8436	3907.49	8466.22	101594.69
		Step G	50.3089	4024.71	8720.21	104642.51
		Step H	51.8183	4145.46	8981.84	107782.06
		Step I	53.3728	4269.82	9251.29	111015.42
		Step J	54.9740	4397.92	9528.83	114345.92



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Appendix:I
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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3451B	Government Relations Administrator-B	Step A	59.0428	4723.42	10234.09	122809.02
		Step B	62.4602	4996.82	10826.43	129917.22
		Step C	64.3340	5146.72	11151.23	133814.72
		Step D	66.2641	5301.13	11485.78	137829.33
		Step E	68.2520	5460.16	11830.35	141964.16
		Step F	70.2996	5623.97	12185.26	146223.17
		Step G	72.4085	5792.68	12550.81	150609.68
		Step H	74.5808	5966.46	12927.34	155128.06
		Step I	76.8182	6145.46	13315.15	159781.86
		Step J	79.1228	6329.82	13714.62	164575.42



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Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1647B	Government Relations Representative I-B	Step A	38.8967	3111.74	6742.09	80905.14
		Step B	41.1481	3291.85	7132.34	85588.05
		Step C	42.3827	3390.62	7346.33	88156.02
		Step D	43.6541	3492.33	7566.71	90800.53
		Step E	44.9637	3597.10	7793.71	93524.50
		Step F	46.3126	3705.01	8027.52	96330.21
		Step G	47.7021	3816.17	8268.36	99220.37
		Step H	49.1331	3930.65	8516.40	102196.85
		Step I	50.6071	4048.57	8771.90	105262.77
		Step J	52.1252	4170.02	9035.03	108420.42



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Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1648B	Government Relations Representative II-B	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	45.2631	3621.05	7845.60	94147.25
		Step C	46.6209	3729.67	8080.96	96971.47
		Step D	48.0195	3841.56	8323.38	99880.56
		Step E	49.4601	3956.81	8573.08	102877.01
		Step F	50.9439	4075.51	8830.28	105963.31
		Step G	52.4722	4197.78	9095.18	109142.18
		Step H	54.0464	4323.71	9368.04	112416.51
		Step I	55.6679	4453.43	9649.10	115789.23
		Step J	57.3379	4587.03	9938.57	119262.83



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Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3589B	Housing Manager-B	Step A	57.8844	4630.75	10033.30	120399.55
		Step B	61.2374	4898.99	10614.48	127373.79
		Step C	63.0744	5045.95	10932.90	131194.75
		Step D	64.9667	5197.34	11260.89	135130.74
		Step E	66.9157	5353.26	11598.72	139184.66
		Step F	68.9231	5513.85	11946.67	143360.05
		Step G	70.9908	5679.26	12305.07	147660.86
		Step H	73.1204	5849.63	12674.20	152090.43
		Step I	75.3142	6025.14	13054.46	156653.54
		Step J	77.5734	6205.87	13446.06	161352.67



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3590B	Housing Supervisor-B	Step A	44.7334	3578.67	7753.79	93045.47
		Step B	47.3226	3785.81	8202.58	98431.01
		Step C	48.7423	3899.38	8448.67	101383.98
		Step D	50.2046	4016.37	8702.13	104425.57
		Step E	51.7107	4136.86	8963.19	107558.26
		Step F	53.2621	4260.97	9232.10	110785.17
		Step G	54.8599	4388.79	9509.05	114108.59
		Step H	56.5057	4520.46	9794.32	117531.86
		Step I	58.2008	4656.06	10088.14	121057.66
		Step J	59.9469	4795.75	10390.80	124689.55



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Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3594B	Human Resources Analyst I-B	Step A	39.9056	3192.45	6916.97	83003.65
		Step B	42.2155	3377.24	7317.35	87808.24
		Step C	43.4819	3478.55	7536.86	90442.35
		Step D	44.7865	3582.92	7762.99	93155.92
		Step E	46.1300	3690.40	7995.87	95950.40
		Step F	47.5140	3801.12	8235.76	98829.12
		Step G	48.9394	3915.15	8482.83	101793.95
		Step H	50.4076	4032.61	8737.32	104847.81
		Step I	51.9197	4153.58	8999.41	107992.98
		Step J	53.4773	4278.18	9269.40	111232.78



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3596B	Human Resources Analyst II-B	Step A	43.8961	3511.69	7608.66	91303.89
		Step B	46.4370	3714.96	8049.08	96588.96
		Step C	47.8300	3826.40	8290.53	99486.40
		Step D	49.2650	3941.20	8539.27	102471.20
		Step E	50.7430	4059.44	8795.45	105545.44
		Step F	52.2652	4181.22	9059.30	108711.62
		Step G	53.8332	4306.66	9331.09	111973.06
		Step H	55.4483	4435.86	9611.04	115332.46
		Step I	57.1117	4568.94	9899.36	118792.34
		Step J	58.8251	4706.01	10196.35	122356.21



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3598B	Human Resources Director-B	Step A	83.4668	6677.34	14467.58	173610.94
		Step B	88.2982	7063.86	15305.02	183660.26
		Step C	90.9472	7275.78	15764.18	189170.18
		Step D	93.6756	7494.05	16237.10	194845.25
		Step E	96.4858	7718.86	16724.21	200690.46
		Step F	99.3804	7950.43	17225.94	206711.23
		Step G	102.3618	8188.94	17742.71	212912.54
		Step H	105.4326	8434.61	18274.98	219299.81
		Step I	108.5956	8687.65	18823.24	225878.85
		Step J	111.8535	8948.28	19387.94	232655.28



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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3599B	Human Resources Manager-B	Step A	55.5278	4442.22	9624.82	115497.82
		Step B	58.7423	4699.38	10182.00	122183.98
		Step C	60.5046	4840.37	10487.46	125849.57
		Step D	62.3197	4985.58	10802.08	129624.98
		Step E	64.1893	5135.14	11126.15	133513.74
		Step F	66.1150	5289.20	11459.93	137519.20
		Step G	68.0984	5447.87	11803.72	141644.67
		Step H	70.1414	5611.31	12157.84	145894.11
		Step I	72.2456	5779.65	12522.57	150270.85
		Step J	74.4131	5953.05	12898.27	154779.25



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MGMT Management

Grade Code	Grade Name
1002B	Hydrogeologist-B

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	60.9051	4872.41	10556.88	126682.61
Step B	64.4304	5154.43	11167.94	134015.23
Step C	66.3632	5309.06	11502.95	138035.46
Step D	68.3543	5468.34	11848.08	142176.94
Step E	70.4048	5632.38	12203.50	146441.98
Step F	72.5170	5801.36	12569.61	150835.36
Step G	74.6925	5975.40	12946.70	155360.40
Step H	76.9332	6154.66	13335.09	160021.06
Step I	79.2412	6339.30	13735.14	164821.70
Step J	81.6185	6529.48	14147.21	169766.48



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Appendix:I
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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3625B	Information Security Administrator-B	Step A	56.0902	4487.22	9722.30	116667.62
		Step B	59.3369	4746.95	10285.06	123420.75
		Step C	61.1170	4889.36	10593.61	127123.36
		Step D	62.9506	5036.05	10911.44	130937.25
		Step E	64.8390	5187.12	11238.76	134865.12
		Step F	66.7841	5342.73	11575.91	138910.93
		Step G	68.7876	5503.01	11923.18	143078.21
		Step H	70.8514	5668.11	12280.91	147370.91
		Step I	72.9769	5838.15	12649.33	151791.95
		Step J	75.1663	6013.30	13028.83	156345.90



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9542B	Information Technology Client Services Supervisor-B	Step A	48.9736	3917.89	8488.76	101865.09
		Step B	51.8084	4144.67	8980.12	107761.47
		Step C	53.3627	4269.02	9249.53	110994.42
		Step D	54.9635	4397.08	9527.01	114324.08
		Step E	56.6125	4529.00	9812.83	117754.00
		Step F	58.3109	4664.87	10107.22	121286.67
		Step G	60.0601	4804.81	10410.42	124925.01
		Step H	61.8620	4948.96	10722.75	128672.96
		Step I	63.7179	5097.43	11044.44	132533.23
		Step J	65.6294	5250.35	11375.76	136509.15



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3602B	Information Technology Program Manager-B	Step A	56.0911	4487.29	9722.46	116669.49
		Step B	59.3377	4747.02	10285.20	123422.42
		Step C	61.1178	4889.42	10593.75	127125.02
		Step D	62.9512	5036.10	10911.54	130938.50
		Step E	64.8398	5187.18	11238.90	134866.78
		Step F	66.7850	5342.80	11576.07	138912.80
		Step G	68.7886	5503.09	11923.36	143080.29
		Step H	70.8522	5668.18	12281.05	147372.58
		Step I	72.9777	5838.22	12649.47	151793.62
		Step J	75.1671	6013.37	13028.96	156347.57



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1167B	Information Technology Supervisor-B	Step A	48.7624	3900.99	8452.15	101425.79
		Step B	51.5850	4126.80	8941.40	107296.80
		Step C	53.1326	4250.61	9209.65	110515.81
		Step D	54.7265	4378.12	9485.93	113831.12
		Step E	56.3683	4509.46	9770.51	117246.06
		Step F	58.0594	4644.75	10063.63	120763.55
		Step G	59.8012	4784.10	10365.54	124386.50
		Step H	61.5952	4927.62	10676.50	128118.02
		Step I	63.4431	5075.45	10996.80	131961.65
		Step J	65.3463	5227.70	11326.69	135920.30



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1140B	Intelligent Transportation Systems Maintenance Supervisor-B	Step A	59.7018	4776.14	10348.31	124179.74
		Step B	63.1576	5052.61	10947.32	131367.81
		Step C	65.0523	5204.18	11275.73	135308.78
		Step D	67.0039	5360.31	11614.01	139368.11
		Step E	69.0141	5521.13	11962.44	143549.33
		Step F	71.0845	5686.76	12321.31	147855.76
		Step G	73.2171	5857.37	12690.96	152291.57
		Step H	75.4136	6033.09	13071.69	156860.29
		Step I	77.6759	6214.07	13463.82	161565.87
		Step J	80.0063	6400.50	13867.76	166413.10



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
3810B	Key Accounts Representative-B	Step A	60.6813	4854.50	10518.09	126217.10
		Step B	64.1939	5135.51	11126.94	133523.31
		Step C	66.1198	5289.58	11460.77	137529.18
		Step D	68.1033	5448.26	11804.57	141654.86
		Step E	70.1465	5611.72	12158.73	145904.72
		Step F	72.2508	5780.06	12523.47	150281.66
		Step G	74.4183	5953.46	12899.17	154790.06
		Step H	76.6508	6132.06	13286.14	159433.66
		Step I	78.9504	6316.03	13684.74	164216.83
		Step J	81.3189	6505.51	14095.28	169143.31



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
9544B	Library Supervisor-B	Step A	35.9985	2879.88	6239.74	74876.88
		Step B	38.0826	3046.61	6600.98	79211.81
		Step C	39.2251	3138.01	6799.02	81588.21
		Step D	40.4018	3232.14	7002.98	84035.74
		Step E	41.6139	3329.11	7213.08	86556.91
		Step F	42.8623	3428.98	7429.47	89153.58
		Step G	44.1482	3531.86	7652.35	91828.26
		Step H	45.4726	3637.81	7881.92	94583.01
		Step I	46.8368	3746.94	8118.38	97420.54
		Step J	48.2419	3859.35	8361.93	100343.15



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
4449B	Management Analyst - City Manager Office-B	Step A	44.9258	3594.06	7787.14	93445.66
		Step B	47.5261	3802.09	8237.86	98854.29
		Step C	48.9517	3916.14	8484.96	101819.54
		Step D	50.4204	4033.63	8739.54	104874.43
		Step E	51.9331	4154.65	9001.74	108020.85
		Step F	53.4910	4279.28	9271.77	111261.28
		Step G	55.0957	4407.66	9549.92	114599.06
		Step H	56.7486	4539.89	9836.42	118037.09
		Step I	58.4510	4676.08	10131.51	121578.08
		Step J	60.2046	4816.37	10435.46	125225.57



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
0045B	Management Analyst I-B	Step A	38.8967	3111.74	6742.09	80905.14
		Step B	41.1481	3291.85	7132.34	85588.05
		Step C	42.3827	3390.62	7346.33	88156.02
		Step D	43.6541	3492.33	7566.71	90800.53
		Step E	44.9637	3597.10	7793.71	93524.50
		Step F	46.3126	3705.01	8027.52	96330.21
		Step G	47.7021	3816.17	8268.36	99220.37
		Step H	49.1331	3930.65	8516.40	102196.85
		Step I	50.6071	4048.57	8771.90	105262.77
		Step J	52.1252	4170.02	9035.03	108420.42



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
0050B	Management Analyst II-B	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	45.2631	3621.05	7845.60	94147.25
		Step C	46.6209	3729.67	8080.96	96971.47
		Step D	48.0195	3841.56	8323.38	99880.56
		Step E	49.4601	3956.81	8573.08	102877.01
		Step F	50.9439	4075.51	8830.28	105963.31
		Step G	52.4722	4197.78	9095.18	109142.18
		Step H	54.0464	4323.71	9368.04	112416.51
		Step I	55.6679	4453.43	9649.10	115789.23
		Step J	57.3379	4587.03	9938.57	119262.83



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
1156B	Organizational Performance Program Administrator-B	Step A	51.3436	4107.49	8899.56	106794.69
		Step B	54.3156	4345.25	9414.70	112976.45
		Step C	55.9451	4475.61	9697.15	116365.81
		Step D	57.6235	4609.88	9988.07	119856.88
		Step E	59.3521	4748.17	10287.70	123452.37
		Step F	61.1326	4890.61	10596.32	127155.81
		Step G	62.9667	5037.34	10914.23	130970.74
		Step H	64.8556	5188.45	11241.64	134899.65
		Step I	66.8013	5344.10	11578.89	138946.70
		Step J	68.8054	5504.43	11926.27	143115.23



City of Roseville

Salary Schedule: Management-B

Appendix:I
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MGMT Grade Code	Management Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5020B	Park Development Project Manager I-B	Step A	38.8967	3111.74	6742.09	80905.14
		Step B	41.1481	3291.85	7132.34	85588.05
		Step C	42.3827	3390.62	7346.33	88156.02
		Step D	43.6541	3492.33	7566.71	90800.53
		Step E	44.9637	3597.10	7793.71	93524.50
		Step F	46.3126	3705.01	8027.52	96330.21
		Step G	47.7021	3816.17	8268.36	99220.37
		Step H	49.1331	3930.65	8516.40	102196.85
		Step I	50.6071	4048.57	8771.90	105262.77
		Step J	52.1252	4170.02	9035.03	108420.42



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
5022B	Park Development Project Manager II-B	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	45.2631	3621.05	7845.60	94147.25
		Step C	46.6209	3729.67	8080.96	96971.47
		Step D	48.0195	3841.56	8323.38	99880.56
		Step E	49.4601	3956.81	8573.08	102877.01
		Step F	50.9439	4075.51	8830.28	105963.31
		Step G	52.4722	4197.78	9095.18	109142.18
		Step H	54.0464	4323.71	9368.04	112416.51
		Step I	55.6679	4453.43	9649.10	115789.23
		Step J	57.3379	4587.03	9938.57	119262.83



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
1106B	Park Planning and Development Manager-B	Step A	54.1264	4330.11	9381.91	112582.91
		Step B	57.2600	4580.80	9925.07	119100.80
		Step C	58.9780	4718.24	10222.85	122674.24
		Step D	60.7472	4859.78	10529.51	126354.18
		Step E	62.5696	5005.57	10845.40	130144.77
		Step F	64.4468	5155.74	11170.78	134049.34
		Step G	66.3800	5310.40	11505.87	138070.40
		Step H	68.3715	5469.72	11851.06	142212.72
		Step I	70.4227	5633.82	12206.60	146479.22
		Step J	72.5354	5802.83	12572.80	150873.63



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
5082B	Parks Recreation and Libraries Director-B	Step A	87.6407	7011.26	15191.05	182292.66
		Step B	92.7136	7417.09	16070.36	192844.29
		Step C	95.4949	7639.59	16552.45	198629.39
		Step D	98.3598	7868.78	17049.03	204588.38
		Step E	101.3106	8104.85	17560.50	210726.05
		Step F	104.3500	8348.00	18087.33	217048.00
		Step G	107.4805	8598.44	18629.95	223559.44
		Step H	110.7049	8856.39	19188.85	230266.19
		Step I	114.0260	9122.08	19764.51	237174.08
		Step J	117.4469	9395.75	20357.46	244289.55



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 Manager-B	Step A	54.1264	4330.11	9381.91	112582.91
		Step B	57.2600	4580.80	9925.07	119100.80
		Step C	58.9780	4718.24	10222.85	122674.24
		Step D	60.7472	4859.78	10529.51	126354.18
		Step E	62.5696	5005.57	10845.40	130144.77
		Step F	64.4468	5155.74	11170.78	134049.34
		Step G	66.3800	5310.40	11505.87	138070.40
		Step H	68.3715	5469.72	11851.06	142212.72
		Step I	70.4227	5633.82	12206.60	146479.22
		Step J	72.5354	5802.83	12572.80	150873.63



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9546B	Parks and Open Space Superintendent-B	Step A	47.0671	3765.37	8158.30	97899.57
		Step B	49.7914	3983.31	8630.51	103566.11
		Step C	51.2852	4102.82	8889.43	106673.22
		Step D	52.8236	4225.89	9156.09	109873.09
		Step E	54.4083	4352.66	9430.77	113169.26
		Step F	56.0406	4483.25	9713.70	116564.45
		Step G	57.7219	4617.75	10005.13	120061.55
		Step H	59.4535	4756.28	10305.27	123663.28
		Step I	61.2372	4898.98	10614.45	127373.38
		Step J	63.0742	5045.94	10932.86	131194.34



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
5069B	Parks and Open Space Supervisor-B	Step A	38.9709	3117.67	6754.96	81059.47
		Step B	41.2270	3298.16	7146.01	85752.16
		Step C	42.4639	3397.11	7360.41	88324.91
		Step D	43.7378	3499.02	7581.22	90974.62
		Step E	45.0500	3604.00	7808.67	93704.00
		Step F	46.4013	3712.10	8042.89	96514.70
		Step G	47.7934	3823.47	8284.19	99410.27
		Step H	49.2273	3938.18	8532.73	102392.78
		Step I	50.7041	4056.33	8788.71	105464.53
		Step J	52.2252	4178.02	9052.37	108628.42



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1124B	Payroll Analyst I-B	Step A	38.8967	3111.74	6742.09	80905.14
		Step B	41.1481	3291.85	7132.34	85588.05
		Step C	42.3827	3390.62	7346.33	88156.02
		Step D	43.6541	3492.33	7566.71	90800.53
		Step E	44.9637	3597.10	7793.71	93524.50
		Step F	46.3126	3705.01	8027.52	96330.21
		Step G	47.7021	3816.17	8268.36	99220.37
		Step H	49.1331	3930.65	8516.40	102196.85
		Step I	50.6071	4048.57	8771.90	105262.77
		Step J	52.1252	4170.02	9035.03	108420.42



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1125B	Payroll Analyst II-B	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	45.2631	3621.05	7845.60	94147.25
		Step C	46.6209	3729.67	8080.96	96971.47
		Step D	48.0195	3841.56	8323.38	99880.56
		Step E	49.4601	3956.81	8573.08	102877.01
		Step F	50.9439	4075.51	8830.28	105963.31
		Step G	52.4722	4197.78	9095.18	109142.18
		Step H	54.0464	4323.71	9368.04	112416.51
		Step I	55.6679	4453.43	9649.10	115789.23
		Step J	57.3379	4587.03	9938.57	119262.83



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	50.8639	4069.11	8816.41	105796.91
		Step B	53.8080	4304.64	9326.72	111920.64
		Step C	55.4223	4433.78	9606.53	115278.38
		Step D	57.0849	4566.79	9894.72	118736.59
		Step E	58.7975	4703.80	10191.57	122298.80
		Step F	60.5614	4844.91	10497.31	125967.71
		Step G	62.3782	4990.26	10812.22	129746.66
		Step H	64.2496	5139.97	11136.60	133639.17
		Step I	66.1771	5294.17	11470.70	137648.37
		Step J	68.1624	5452.99	11814.82	141777.79



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
1501B	Permits Supervisor-B	Step A	42.7866	3422.93	7416.34	88996.13
		Step B	45.2631	3621.05	7845.60	94147.25
		Step C	46.6209	3729.67	8080.96	96971.47
		Step D	48.0195	3841.56	8323.38	99880.56
		Step E	49.4601	3956.81	8573.08	102877.01
		Step F	50.9439	4075.51	8830.28	105963.31
		Step G	52.4722	4197.78	9095.18	109142.18
		Step H	54.0464	4323.71	9368.04	112416.51
		Step I	55.6679	4453.43	9649.10	115789.23
		Step J	57.3379	4587.03	9938.57	119262.83



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	68.1147	5449.18	11806.55	141678.58
		Step B	72.0575	5764.60	12489.97	149879.60
		Step C	74.2192	5937.54	12864.66	154375.94
		Step D	76.4457	6115.66	13250.59	159007.06
		Step E	78.7392	6299.14	13648.13	163777.54
		Step F	81.1013	6488.10	14057.56	168690.70
		Step G	83.5344	6682.75	14479.30	173751.55
		Step H	86.0404	6883.23	14913.67	178964.03
		Step I	88.6216	7089.73	15361.08	184332.93
		Step J	91.2802	7302.42	15821.90	189862.82



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
5400B	Police Captain-B	Step A	77.2640	6181.12	13392.43	160709.12
		Step B	81.7363	6538.90	14167.63	170011.50
		Step C	84.1884	6735.07	14592.66	175111.87
		Step D	86.7141	6937.13	15030.44	180365.33
		Step E	89.3155	7145.24	15481.35	185776.24
		Step F	91.9950	7359.60	15945.80	191349.60
		Step G	94.7548	7580.38	16424.17	197089.98
		Step H	97.5973	7807.78	16916.87	203002.38
		Step I	100.5253	8042.02	17424.39	209092.62
		Step J	103.5411	8283.29	17947.12	215365.49



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
5410B	Police Chief-B	Step A	101.0477	8083.82	17514.93	210179.22
		Step B	106.8968	8551.74	18528.78	222345.34
		Step C	110.1038	8808.30	19084.66	229015.90
		Step D	113.4067	9072.54	19657.16	235885.94
		Step E	116.8090	9344.72	20246.89	242962.72
		Step F	120.3133	9625.06	20854.31	250251.66
		Step G	123.9227	9913.82	21479.93	257759.22
		Step H	127.6405	10211.24	22124.35	265492.24
		Step I	131.4696	10517.57	22788.06	273456.77
		Step J	135.4137	10833.10	23471.71	281660.50



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
5420B	Police Lieutenant-B	Step A	64.3900	5151.20	11160.93	133931.20
		Step B	68.1173	5449.38	11807.00	141683.98
		Step C	70.1608	5612.86	12161.21	145934.46
		Step D	72.2657	5781.26	12526.05	150312.66
		Step E	74.4337	5954.70	12901.84	154822.10
		Step F	76.6666	6133.33	13288.88	159466.53
		Step G	78.9665	6317.32	13687.53	164250.32
		Step H	81.3356	6506.85	14098.17	169178.05
		Step I	83.7757	6702.06	14521.12	174253.46
		Step J	86.2890	6903.12	14956.76	179481.12



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5489B	Police Services Administrator-B	Step A	57.3324	4586.59	9937.62	119251.39
		Step B	60.6509	4852.07	10512.82	126153.87
		Step C	62.4705	4997.64	10828.22	129938.64
		Step D	64.3447	5147.58	11153.08	133836.98
		Step E	66.2750	5302.00	11487.67	137852.00
		Step F	68.2633	5461.06	11832.31	141987.66
		Step G	70.3111	5624.89	12187.26	146247.09
		Step H	72.4206	5793.65	12552.90	150634.85
		Step I	74.5931	5967.45	12929.47	155153.65
		Step J	76.8309	6146.47	13317.36	159808.27



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1138B	Police Social Services Practitioner I-B	Step A	36.2422	2899.38	6281.98	75383.78
		Step B	38.3400	3067.20	6645.60	79747.20
		Step C	39.4902	3159.22	6844.97	82139.62
		Step D	40.6749	3253.99	7050.32	84603.79
		Step E	41.8951	3351.61	7261.82	87141.81
		Step F	43.1520	3452.16	7479.68	89756.16
		Step G	44.4466	3555.73	7704.08	92448.93
		Step H	45.7800	3662.40	7935.20	95222.40
		Step I	47.1534	3772.27	8173.26	98079.07
		Step J	48.5680	3885.44	8418.45	101021.44



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
1139B	Police Social Services Practitioner II-B	Step A	39.8664	3189.31	6910.18	82922.11
		Step B	42.1740	3373.92	7310.16	87721.92
		Step C	43.4392	3475.14	7529.46	90353.54
		Step D	44.7424	3579.39	7755.35	93064.19
		Step E	46.0846	3686.77	7988.00	95855.97
		Step F	47.4672	3797.38	8227.65	98731.78
		Step G	48.8912	3911.30	8474.47	101693.70
		Step H	50.3579	4028.63	8728.70	104744.43
		Step I	51.8687	4149.50	8990.57	107886.90
		Step J	53.4247	4273.98	9260.28	111123.38



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
1126B	Police Social Services Supervisor-B	Step A	45.8463	3667.70	7946.69	95360.30
		Step B	48.5001	3880.01	8406.68	100880.21
		Step C	49.9551	3996.41	8658.88	103906.61
		Step D	51.4537	4116.30	8918.64	107023.70
		Step E	52.9973	4239.78	9186.20	110234.38
		Step F	54.5872	4366.98	9461.78	113541.38
		Step G	56.2249	4497.99	9745.65	116947.79
		Step H	57.9117	4632.94	10038.03	120456.34
		Step I	59.6491	4771.93	10339.18	124070.13
		Step J	61.4385	4915.08	10649.34	127792.08



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	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	99.3216	7945.73	17215.74	206588.93
		Step E	102.3012	8184.10	17732.21	212786.50
		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	115.1410	9211.28	19957.77	239493.28
		Step J	118.5952	9487.62	20556.50	246678.02



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Salary Schedule: Management-B

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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5600B	Power Generation Superintendent-B	Step A	88.9849	7118.79	15424.05	185088.59
		Step B	94.1356	7530.85	16316.84	195802.05
		Step C	96.9597	7756.78	16806.35	201676.18
		Step D	99.8685	7989.48	17310.54	207726.48
		Step E	102.8646	8229.17	17829.86	213958.37
		Step F	105.9505	8476.04	18364.75	220377.04
		Step G	109.1291	8730.33	18915.71	226988.53
		Step H	112.4029	8992.23	19483.17	233798.03
		Step I	115.7750	9262.00	20067.67	240812.00
		Step J	119.2482	9539.86	20669.69	248036.26



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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	80.8963	6471.70	14022.03	168264.30
		Step B	85.5790	6846.32	14833.69	178004.32
		Step C	88.1464	7051.71	15278.71	183344.51
		Step D	90.7907	7263.26	15737.05	188844.66
		Step E	93.5144	7481.15	16209.16	194509.95
		Step F	96.3199	7705.59	16695.45	200345.39
		Step G	99.2095	7936.76	17196.31	206355.76
		Step H	102.1857	8174.86	17712.19	212546.26
		Step I	105.2514	8420.11	18243.58	218922.91
		Step J	108.4089	8672.71	18790.88	225490.51



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
5535B	Power Supply and Portfolio Administrator-B	Step A	88.4936	7079.49	15338.89	184066.69
		Step B	93.6160	7489.28	16226.77	194721.28
		Step C	96.4244	7713.95	16713.56	200562.75
		Step D	99.3171	7945.37	17214.96	206579.57
		Step E	102.2966	8183.73	17731.41	212776.93
		Step F	105.3656	8429.25	18263.37	219160.45
		Step G	108.5265	8682.12	18811.26	225735.12
		Step H	111.7823	8942.58	19375.60	232507.18
		Step I	115.1358	9210.86	19956.87	239482.46
		Step J	118.5898	9487.18	20555.57	246666.78



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5519B	Preventative Maintenance Supervisor-B	Step A	54.2741	4341.93	9407.51	112890.13
		Step B	57.4163	4593.30	9952.16	119425.90
		Step C	59.1388	4731.10	10250.73	123008.70
		Step D	60.9129	4873.03	10558.24	126698.83
		Step E	62.7403	5019.22	10874.99	130499.82
		Step F	64.6225	5169.80	11201.23	134414.80
		Step G	66.5612	5324.90	11537.27	138447.30
		Step H	68.5580	5484.64	11883.39	142600.64
		Step I	70.6147	5649.18	12239.88	146878.58
		Step J	72.7332	5818.66	12607.09	151285.06



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5514B	Principal Engineer-B	Step A	60.9051	4872.41	10556.88	126682.61
		Step B	64.4304	5154.43	11167.94	134015.23
		Step C	66.3632	5309.06	11502.95	138035.46
		Step D	68.3543	5468.34	11848.08	142176.94
		Step E	70.4048	5632.38	12203.50	146441.98
		Step F	72.5170	5801.36	12569.61	150835.36
		Step G	74.6925	5975.40	12946.70	155360.40
		Step H	76.9332	6154.66	13335.09	160021.06
		Step I	79.2412	6339.30	13735.14	164821.70
		Step J	81.6185	6529.48	14147.21	169766.48



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MGMT Management

Grade Code	Grade Name
5513B	Principal Planner-B

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	56.7637	4541.10	9839.04	118068.50
Step B	60.0495	4803.96	10408.58	124902.96
Step C	61.8509	4948.07	10720.82	128649.87
Step D	63.7065	5096.52	11042.46	132509.52
Step E	65.6177	5249.42	11373.73	136484.82
Step F	67.5862	5406.90	11714.94	140579.30
Step G	69.6137	5569.10	12066.37	144796.50
Step H	71.7022	5736.18	12428.38	149140.58
Step I	73.8533	5908.26	12801.24	153614.86
Step J	76.0688	6085.50	13185.26	158223.10



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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1114B	Principal Power Engineer-B	Step A	84.6461	6771.69	14671.99	176063.89
		Step B	89.5458	7163.66	15521.27	186255.26
		Step C	92.2322	7378.58	15986.91	191842.98
		Step D	94.9992	7599.94	16466.53	197598.34
		Step E	97.8492	7827.94	16960.53	203526.34
		Step F	100.7847	8062.78	17469.35	209632.18
		Step G	103.8082	8304.66	17993.42	215921.06
		Step H	106.9224	8553.79	18533.22	222398.59
		Step I	110.1301	8810.41	19089.22	229070.61
		Step J	113.4340	9074.72	19661.89	235942.72



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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	84.6461	6771.69	14671.99	176063.89
		Step B	89.5458	7163.66	15521.27	186255.26
		Step C	92.2322	7378.58	15986.91	191842.98
		Step D	94.9992	7599.94	16466.53	197598.34
		Step E	97.8492	7827.94	16960.53	203526.34
		Step F	100.7847	8062.78	17469.35	209632.18
		Step G	103.8082	8304.66	17993.42	215921.06
		Step H	106.9224	8553.79	18533.22	222398.59
		Step I	110.1301	8810.41	19089.22	229070.61
		Step J	113.4340	9074.72	19661.89	235942.72



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	60.9051	4872.41	10556.88	126682.61
Step B	64.4304	5154.43	11167.94	134015.23
Step C	66.3632	5309.06	11502.95	138035.46
Step D	68.3543	5468.34	11848.08	142176.94
Step E	70.4048	5632.38	12203.50	146441.98
Step F	72.5170	5801.36	12569.61	150835.36
Step G	74.6925	5975.40	12946.70	155360.40
Step H	76.9332	6154.66	13335.09	160021.06
Step I	79.2412	6339.30	13735.14	164821.70
Step J	81.6185	6529.48	14147.21	169766.48



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	52.9611	4236.89	9179.92	110159.09
Step B	56.0268	4482.14	9711.31	116535.74
Step C	57.7076	4616.61	10002.65	120031.81
Step D	59.4389	4755.11	10302.74	123632.91
Step E	61.2220	4897.76	10611.81	127341.76
Step F	63.0587	5044.70	10930.17	131162.10
Step G	64.9505	5196.04	11258.09	135097.04
Step H	66.8989	5351.91	11595.81	139149.71
Step I	68.9058	5512.46	11943.67	143324.06
Step J	70.9731	5677.85	12302.00	147624.05



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Appendix:I
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MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1108B	Public Affairs and Communications Manager-B	Step A	58.3492	4667.94	10113.86	121366.34
		Step B	61.7266	4938.13	10699.28	128391.33
		Step C	63.5785	5086.28	11020.27	132243.28
		Step D	65.4858	5238.86	11350.87	136210.46
		Step E	67.4504	5396.03	11691.40	140296.83
		Step F	69.4739	5557.91	12042.14	144505.71
		Step G	71.5581	5724.65	12403.40	148840.85
		Step H	73.7049	5896.39	12775.52	153306.19
		Step I	75.9160	6073.28	13158.77	157905.28
		Step J	78.1936	6255.49	13553.56	162642.69



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
5635B	Public Works Director-B	Step A	87.6421	7011.37	15191.30	182295.57
		Step B	92.7152	7417.22	16070.63	192847.62
		Step C	95.4967	7639.74	16552.76	198633.14
		Step D	98.3616	7868.93	17049.34	204592.13
		Step E	101.3124	8104.99	17560.82	210729.79
		Step F	104.3519	8348.15	18087.66	217051.95
		Step G	107.4823	8598.58	18630.27	223563.18
		Step H	110.7069	8856.55	19189.20	230270.35
		Step I	114.0281	9122.25	19764.87	237178.45
		Step J	117.4489	9395.91	20357.81	244293.71



City of Roseville

Salary Schedule: Management-B

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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1087B	Public Works Manager-B	Step A	58.2572	4660.58	10097.91	121174.98
		Step B	61.6295	4930.36	10682.45	128189.36
		Step C	63.4785	5078.28	11002.94	132035.28
		Step D	65.3827	5230.62	11333.00	135996.02
		Step E	67.3442	5387.54	11672.99	140075.94
		Step F	69.3645	5549.16	12023.18	144278.16
		Step G	71.4455	5715.64	12383.89	148606.64
		Step H	73.5890	5887.12	12755.43	153065.12
		Step I	75.7964	6063.71	13138.04	157656.51
		Step J	78.0705	6245.64	13532.22	162386.64



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
1129B	Purchasing Supervisor-B	Step A	42.8869	3430.95	7433.73	89204.75
		Step B	45.3694	3629.55	7864.03	94368.35
		Step C	46.7305	3738.44	8099.95	97199.44
		Step D	48.1324	3850.59	8342.95	100115.39
		Step E	49.5764	3966.11	8593.24	103118.91
		Step F	51.0637	4085.10	8851.04	106212.50
		Step G	52.5955	4207.64	9116.55	109398.64
		Step H	54.1734	4333.87	9390.06	112680.67
		Step I	55.7985	4463.88	9671.74	116060.88
		Step J	57.4726	4597.81	9961.92	119543.01



City of Roseville

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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	55.5155	4441.24	9622.69	115472.24
		Step B	58.7290	4698.32	10179.69	122156.32
		Step C	60.4909	4839.27	10485.09	125821.07
		Step D	62.3055	4984.44	10799.62	129595.44
		Step E	64.1747	5133.98	11123.61	133483.38
		Step F	66.1000	5288.00	11457.33	137488.00
		Step G	68.0830	5446.64	11801.05	141612.64
		Step H	70.1255	5610.04	12155.09	145861.04
		Step I	72.2293	5778.34	12519.75	150236.94
		Step J	74.3961	5951.69	12895.32	154743.89



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Salary Schedule: Management-B

Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1143B	Recreation Superintendent-B	Step A	47.0671	3765.37	8158.30	97899.57
		Step B	49.7709	3981.67	8626.96	103523.47
		Step C	51.2852	4102.82	8889.43	106673.22
		Step D	52.8236	4225.89	9156.09	109873.09
		Step E	54.4083	4352.66	9430.77	113169.26
		Step F	56.0406	4483.25	9713.70	116564.45
		Step G	57.7219	4617.75	10005.13	120061.55
		Step H	59.4535	4756.28	10305.27	123663.28
		Step I	61.2372	4898.98	10614.45	127373.38
		Step J	63.0742	5045.94	10932.86	131194.34



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Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1144B	Recreation Supervisor-B	Step A	35.9985	2879.88	6239.74	74876.88
		Step B	38.0826	3046.61	6600.98	79211.81
		Step C	39.2251	3138.01	6799.02	81588.21
		Step D	40.4018	3232.14	7002.98	84035.74
		Step E	41.6139	3329.11	7213.08	86556.91
		Step F	42.8623	3428.98	7429.47	89153.58
		Step G	44.1482	3531.86	7652.35	91828.26
		Step H	45.4726	3637.81	7881.92	94583.01
		Step I	46.8368	3746.94	8118.38	97420.54
		Step J	48.2419	3859.35	8361.93	100343.15



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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	51.0274	4082.19	8844.75	106136.99
		Step B	53.9810	4318.48	9356.71	112280.48
		Step C	55.6004	4448.03	9637.40	115648.83
		Step D	57.2684	4581.47	9926.52	119118.27
		Step E	58.9866	4718.93	10224.34	122692.13
		Step F	60.7562	4860.50	10531.07	126372.90
		Step G	62.5788	5006.30	10846.99	130163.90
		Step H	64.4561	5156.49	11172.39	134068.69
		Step I	66.3898	5311.18	11507.57	138090.78
		Step J	68.3815	5470.52	11852.79	142233.52



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
6235B	Refuse Supervisor-B	Step A	42.5228	3401.82	7370.62	88447.42
		Step B	44.9835	3598.68	7797.14	93565.68
		Step C	46.3330	3706.64	8031.05	96372.64
		Step D	47.7230	3817.84	8271.99	99263.84
		Step E	49.1546	3932.37	8520.13	102241.57
		Step F	50.6293	4050.34	8775.75	105308.94
		Step G	52.1482	4171.86	9039.02	108468.26
		Step H	53.7127	4297.02	9310.20	111722.42
		Step I	55.3241	4425.93	9589.51	115074.13
		Step J	56.9837	4558.70	9877.17	118526.10



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
6244B	Refuse and Stormwater Manager-B	Step A	68.5204	5481.63	11876.87	142522.43
		Step B	72.4862	5798.90	12564.27	150771.30
		Step C	74.6608	5972.86	12941.21	155294.46
		Step D	76.9007	6152.06	13329.45	159953.46
		Step E	79.2078	6336.62	13729.35	164752.22
		Step F	81.5841	6526.73	14141.24	169694.93
		Step G	84.0314	6722.51	14565.44	174785.31
		Step H	86.5524	6924.19	15002.42	180028.99
		Step I	89.1490	7131.92	15452.49	185429.92
		Step J	91.8234	7345.87	15916.06	190992.67



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name
6450B	Risk Manager-B

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	61.0808	4886.46	10587.34	127048.06
Step B	64.6164	5169.31	11200.18	134402.11
Step C	66.5549	5324.39	11536.18	138434.19
Step D	68.5516	5484.13	11882.28	142587.33
Step E	70.6082	5648.66	12238.75	146865.06
Step F	72.7264	5818.11	12605.91	151270.91
Step G	74.9081	5992.65	12984.07	155808.85
Step H	77.1553	6172.42	13373.59	160483.02
Step I	79.4700	6357.60	13774.80	165297.60
Step J	81.8541	6548.33	14188.04	170256.53



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
6500B	Safety Coordinator-B	Step A	42.7865	3422.92	7416.33	88995.92
		Step B	45.2631	3621.05	7845.60	94147.25
		Step C	46.6209	3729.67	8080.96	96971.47
		Step D	48.0195	3841.56	8323.38	99880.56
		Step E	49.4601	3956.81	8573.08	102877.01
		Step F	50.9439	4075.51	8830.28	105963.31
		Step G	52.4722	4197.78	9095.18	109142.18
		Step H	54.0464	4323.71	9368.04	112416.51
		Step I	55.6679	4453.43	9649.10	115789.23
		Step J	57.3379	4587.03	9938.57	119262.83



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7130B	Senior Business Systems Analyst-B	Step A	46.6430	3731.44	8084.79	97017.44
		Step B	49.3429	3947.43	8552.77	102633.23
		Step C	50.8232	4065.86	8809.35	105712.26
		Step D	52.3479	4187.83	9073.64	108883.63
		Step E	53.9183	4313.46	9345.84	112150.06
		Step F	55.5360	4442.88	9626.24	115514.88
		Step G	57.2021	4576.17	9915.03	118980.37
		Step H	58.9181	4713.45	10212.47	122549.65
		Step I	60.6856	4854.85	10518.84	126226.05
		Step J	62.5062	5000.50	10834.41	130012.90



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7145B	Senior Database Analyst-B	Step A	46.6430	3731.44	8084.79	97017.44
		Step B	49.3429	3947.43	8552.77	102633.23
		Step C	50.8232	4065.86	8809.35	105712.26
		Step D	52.3479	4187.83	9073.64	108883.63
		Step E	53.9183	4313.46	9345.84	112150.06
		Step F	55.5360	4442.88	9626.24	115514.88
		Step G	57.2021	4576.17	9915.03	118980.37
		Step H	58.9181	4713.45	10212.47	122549.65
		Step I	60.6856	4854.85	10518.84	126226.05
		Step J	62.5062	5000.50	10834.41	130012.90



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
7123B	Senior Deputy City Attorney-B	Step A	83.8397	6707.18	14532.21	174386.58
		Step B	88.6927	7095.42	15373.40	184480.82
		Step C	91.3534	7308.27	15834.59	190015.07
		Step D	94.0941	7527.53	16309.64	195715.73
		Step E	96.9168	7753.34	16798.91	201586.94
		Step F	99.8244	7985.95	17302.90	207634.75
		Step G	102.8192	8225.54	17821.99	213863.94
		Step H	105.9037	8472.30	18356.64	220279.70
		Step I	109.0808	8726.46	18907.34	226888.06
		Step J	112.3532	8988.26	19474.55	233694.66



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1097B	Senior Development Services Business Analyst-B	Step A	46.6423	3731.38	8084.67	97015.98
		Step B	49.3422	3947.38	8552.65	102631.78
		Step C	50.8225	4065.80	8809.23	105710.80
		Step D	52.3472	4187.78	9073.51	108882.18
		Step E	53.9175	4313.40	9345.70	112148.40
		Step F	55.5351	4442.81	9626.08	115513.01
		Step G	57.2013	4576.10	9914.89	118978.70
		Step H	58.9171	4713.37	10212.30	122547.57
		Step I	60.6846	4854.77	10518.66	126223.97
		Step J	62.5052	5000.42	10834.23	130010.82



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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	60.9074	4872.59	10557.28	126687.39
		Step B	64.4331	5154.65	11168.40	134020.85
		Step C	66.3661	5309.29	11503.46	138041.49
		Step D	68.3571	5468.57	11848.56	142182.77
		Step E	70.4078	5632.62	12204.02	146448.22
		Step F	72.5200	5801.60	12570.13	150841.60
		Step G	74.6956	5975.65	12947.24	155366.85
		Step H	76.9364	6154.91	13335.64	160027.71
		Step I	79.2445	6339.56	13735.71	164828.56
		Step J	81.6219	6529.75	14147.80	169773.55



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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	62.6381	5011.05	10857.27	130287.25
		Step B	66.2637	5301.10	11485.71	137828.50
		Step C	68.2516	5460.13	11830.28	141963.33
		Step D	70.2992	5623.94	12185.19	146222.34
		Step E	72.4082	5792.66	12550.75	150609.06
		Step F	74.5803	5966.42	12927.25	155127.02
		Step G	76.8178	6145.42	13315.09	159781.02
		Step H	79.1223	6329.78	13714.53	164574.38
		Step I	81.4960	6519.68	14125.97	169511.68
		Step J	83.9409	6715.27	14549.76	174597.07



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
7163B	Senior Energy Services Account Representative-B	Step A	60.6813	4854.50	10518.09	126217.10
		Step B	64.1939	5135.51	11126.94	133523.31
		Step C	66.1198	5289.58	11460.77	137529.18
		Step D	68.1033	5448.26	11804.57	141654.86
		Step E	70.1465	5611.72	12158.73	145904.72
		Step F	72.2508	5780.06	12523.47	150281.66
		Step G	74.4183	5953.46	12899.17	154790.06
		Step H	76.6508	6132.06	13286.14	159433.66
		Step I	78.9504	6316.03	13684.74	164216.83
		Step J	81.3189	6505.51	14095.28	169143.31



City of Roseville

Salary Schedule: Management-B

Appendix:I
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MGMT Management

Grade Code	Grade Name
7142B	Senior Engineer-B

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	54.1387	4331.10	9384.04	112608.50
Step B	57.2726	4581.81	9927.25	119127.01
Step C	58.9908	4719.26	10225.07	122700.86
Step D	60.7605	4860.84	10531.82	126381.84
Step E	62.5832	5006.66	10847.75	130173.06
Step F	64.4607	5156.86	11173.19	134078.26
Step G	66.3946	5311.57	11508.40	138100.77
Step H	68.3864	5470.91	11853.64	142243.71
Step I	70.4380	5635.04	12209.25	146511.04
Step J	72.5511	5804.09	12575.52	150906.29



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 Business Analyst-B	Step A	49.4201	3953.61	8566.15	102793.81
		Step B	52.2806	4182.45	9061.97	108743.65
		Step C	53.8491	4307.93	9333.84	112006.13
		Step D	55.4645	4437.16	9613.85	115366.16
		Step E	57.1285	4570.28	9902.27	118827.28
		Step F	58.8423	4707.38	10199.33	122391.98
		Step G	60.6076	4848.61	10505.32	126063.81
		Step H	62.4258	4994.06	10820.47	129845.66
		Step I	64.2986	5143.89	11145.09	133741.09
		Step J	66.2275	5298.20	11479.43	137753.20



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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	46.4404	3715.23	8049.67	96596.03
		Step B	49.1285	3930.28	8515.61	102187.28
		Step C	50.6023	4048.18	8771.07	105252.78
		Step D	52.1204	4169.63	9034.20	108410.43
		Step E	53.6841	4294.73	9305.24	111662.93
		Step F	55.2945	4423.56	9584.38	115012.56
		Step G	56.9534	4556.27	9871.92	118463.07
		Step H	58.6620	4692.96	10168.08	122016.96
		Step I	60.4219	4833.75	10473.13	125677.55
		Step J	62.2346	4978.77	10787.33	129447.97



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	48.2843	3862.74	8369.28	100431.34
		Step B	51.0788	4086.30	8853.66	106243.90
		Step C	52.6112	4208.90	9119.27	109431.30
		Step D	54.1895	4335.16	9392.85	112714.16
		Step E	55.8152	4465.22	9674.63	116095.62
		Step F	57.4898	4599.18	9964.90	119578.78
		Step G	59.2145	4737.16	10263.85	123166.16
		Step H	60.9907	4879.26	10571.72	126860.66
		Step I	62.8204	5025.63	10888.87	130666.43
		Step J	64.7052	5176.42	11215.57	134586.82



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
7194B	Senior Information Technology Analyst-B	Step A	46.6430	3731.44	8084.79	97017.44
		Step B	49.3429	3947.43	8552.77	102633.23
		Step C	50.8232	4065.86	8809.35	105712.26
		Step D	52.3479	4187.83	9073.64	108883.63
		Step E	53.9183	4313.46	9345.84	112150.06
		Step F	55.5360	4442.88	9626.24	115514.88
		Step G	57.2021	4576.17	9915.03	118980.37
		Step H	58.9181	4713.45	10212.47	122549.65
		Step I	60.6856	4854.85	10518.84	126226.05
		Step J	62.5062	5000.50	10834.41	130012.90



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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	47.0649	3765.19	8157.92	97894.99
		Step B	49.7894	3983.15	8630.16	103561.95
		Step C	51.2830	4102.64	8889.05	106668.64
		Step D	52.8215	4225.72	9155.73	109868.72
		Step E	54.4062	4352.50	9430.41	113164.90
		Step F	56.0383	4483.06	9713.31	116559.66
		Step G	57.7195	4617.56	10004.71	120056.56
		Step H	59.4510	4756.08	10304.84	123658.08
		Step I	61.2346	4898.77	10614.00	127367.97
		Step J	63.0716	5045.73	10932.41	131188.93



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
7180B	Senior Planner-B	Step A	49.3608	3948.86	8555.87	102670.46
		Step B	52.2181	4177.45	9051.14	108613.65
		Step C	53.7846	4302.77	9322.66	111871.97
		Step D	55.3981	4431.85	9602.34	115228.05
		Step E	57.0600	4564.80	9890.40	118684.80
		Step F	58.7719	4701.75	10187.13	122245.55
		Step G	60.5350	4842.80	10492.73	125912.80
		Step H	62.3512	4988.10	10807.54	129690.50
		Step I	64.2216	5137.73	11131.74	133580.93
		Step J	66.1483	5291.86	11465.71	137588.46



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
7151B	Senior Power Engineer-B	Step A	76.9512	6156.10	13338.21	160058.50
		Step B	81.4054	6512.43	14110.27	169323.23
		Step C	83.8475	6707.80	14533.57	174402.80
		Step D	86.3630	6909.04	14969.59	179635.04
		Step E	88.9538	7116.30	15418.66	185023.90
		Step F	91.6224	7329.79	15881.22	190574.59
		Step G	94.3711	7549.69	16357.66	196291.89
		Step H	97.2022	7776.18	16848.38	202180.58
		Step I	100.1183	8009.46	17353.84	208246.06
		Step J	103.1218	8249.74	17874.45	214493.34



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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	76.9512	6156.10	13338.21	160058.50
		Step B	81.4054	6512.43	14110.27	169323.23
		Step C	83.8475	6707.80	14533.57	174402.80
		Step D	86.3630	6909.04	14969.59	179635.04
		Step E	88.9538	7116.30	15418.66	185023.90
		Step F	91.6224	7329.79	15881.22	190574.59
		Step G	94.3711	7549.69	16357.66	196291.89
		Step H	97.2022	7776.18	16848.38	202180.58
		Step I	100.1183	8009.46	17353.84	208246.06
		Step J	103.1218	8249.74	17874.45	214493.34



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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	47.1772	3774.18	8177.38	98128.58
		Step B	49.9081	3992.65	8650.74	103808.85
		Step C	51.4053	4112.42	8910.25	106923.02
		Step D	52.9474	4235.79	9177.55	110130.59
		Step E	54.5359	4362.87	9452.89	113434.67
		Step F	56.1718	4493.74	9736.45	116837.34
		Step G	57.8572	4628.58	10028.58	120342.98
		Step H	59.5928	4767.42	10329.42	123953.02
		Step I	61.3806	4910.45	10639.30	127671.65
		Step J	63.2220	5057.76	10958.48	131501.76



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
1073B	Street Maintenance Manager-B	Step A	60.9465	4875.72	10564.06	126768.72
		Step B	64.4743	5157.94	11175.55	134106.54
		Step C	66.4085	5312.68	11510.81	138129.68
		Step D	68.4007	5472.06	11856.12	142273.46
		Step E	70.4529	5636.23	12211.84	146542.03
		Step F	72.5665	5805.32	12578.19	150938.32
		Step G	74.7434	5979.47	12955.52	155466.27
		Step H	76.9856	6158.85	13344.17	160130.05
		Step I	79.2953	6343.62	13744.52	164934.22
		Step J	81.6742	6533.94	14156.86	169882.34



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
7522B	Street Maintenance Supervisor-B	Step A	39.1522	3132.18	6786.38	81436.58
		Step B	41.4185	3313.48	7179.21	86150.48
		Step C	42.6610	3412.88	7394.57	88734.88
		Step D	43.9409	3515.27	7616.42	91397.07
		Step E	45.2591	3620.73	7844.91	94138.93
		Step F	46.6169	3729.35	8080.26	96963.15
		Step G	48.0154	3841.23	8322.67	99872.03
		Step H	49.4559	3956.47	8572.36	102868.27
		Step I	50.9395	4075.16	8829.51	105954.16
		Step J	52.4677	4197.42	9094.40	109132.82



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Appendix:I
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MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1110B	Transit Operations Supervisor-B	Step A	47.0650	3765.20	8157.93	97895.20
		Step B	49.7894	3983.15	8630.16	103561.95
		Step C	51.2830	4102.64	8889.05	106668.64
		Step D	52.8215	4225.72	9155.73	109868.72
		Step E	54.4061	4352.49	9430.39	113164.69
		Step F	56.0383	4483.06	9713.31	116559.66
		Step G	57.7195	4617.56	10004.71	120056.56
		Step H	59.4510	4756.08	10304.84	123658.08
		Step I	61.2346	4898.77	10614.00	127367.97
		Step J	63.0715	5045.72	10932.39	131188.72



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name
8762B	Urban Forester-B

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	42.8692	3429.54	7430.66	89167.94
Step B	45.3503	3628.02	7860.72	94328.62
Step C	46.7108	3736.86	8096.54	97158.46
Step D	48.1123	3848.98	8339.47	100073.58
Step E	49.5557	3964.46	8589.65	103075.86
Step F	51.0421	4083.37	8847.30	106167.57
Step G	52.5736	4205.89	9112.76	109353.09
Step H	54.1509	4332.07	9386.16	112633.87
Step I	55.7754	4462.03	9667.74	116012.83
Step J	57.4485	4595.88	9957.74	119492.88



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1041B	Utility Billing and Field Services Supervisor-B	Step A	48.5523	3884.18	8415.73	100988.78
		Step B	51.3626	4109.01	8902.85	106834.21
		Step C	52.9034	4232.27	9169.92	110039.07
		Step D	54.4906	4359.25	9445.04	113340.45
		Step E	56.1253	4490.02	9728.39	116740.62
		Step F	57.8091	4624.73	10020.24	120242.93
		Step G	59.5434	4763.47	10320.86	123850.27
		Step H	61.3296	4906.37	10630.46	127565.57
		Step I	63.1695	5053.56	10949.38	131392.56
		Step J	65.0646	5205.17	11277.86	135334.37



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1154B	Utility Business Systems Administrator-B	Step A	60.9074	4872.59	10557.28	126687.39
		Step B	64.4330	5154.64	11168.39	134020.64
		Step C	66.3661	5309.29	11503.46	138041.49
		Step D	68.3570	5468.56	11848.55	142182.56
		Step E	70.4078	5632.62	12204.02	146448.22
		Step F	72.5200	5801.60	12570.13	150841.60
		Step G	74.6955	5975.64	12947.22	155366.64
		Step H	76.9364	6154.91	13335.64	160027.71
		Step I	79.2445	6339.56	13735.71	164828.56
		Step J	81.6219	6529.75	14147.80	169773.55



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1042B	Utility Customer Service Supervisor-B	Step A	34.8939	2791.51	6048.28	72579.31
		Step B	36.9135	2953.08	6398.34	76780.08
		Step C	38.0209	3041.67	6590.29	79083.47
		Step D	39.1616	3132.93	6788.01	81456.13
		Step E	40.3365	3226.92	6991.66	83899.92
		Step F	41.5465	3323.72	7201.39	86416.72
		Step G	42.7930	3423.44	7417.45	89009.44
		Step H	44.0767	3526.14	7639.96	91679.54
		Step I	45.3991	3631.93	7869.18	94430.13
		Step J	46.7610	3740.88	8105.24	97262.88



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1102B	Utility Exploration Center Supervisor-B	Step A	40.7846	3262.77	7069.33	84831.97
		Step B	43.1448	3451.58	7478.43	89741.18
		Step C	44.4392	3555.14	7702.79	92433.54
		Step D	45.7723	3661.78	7933.87	95206.38
		Step E	47.1456	3771.65	8171.90	98062.85
		Step F	48.5599	3884.79	8417.05	101004.59
		Step G	50.0167	4001.34	8669.56	104034.74
		Step H	51.5171	4121.37	8929.63	107155.57
		Step I	53.0627	4245.02	9197.53	110370.42
		Step J	54.6551	4372.41	9473.55	113682.61



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1646B	Utility Government Relations Administrator-B	Step A	51.3421	4107.37	8899.30	106791.57
		Step B	54.3138	4345.10	9414.39	112972.70
		Step C	55.9433	4475.46	9696.84	116362.06
		Step D	57.6216	4609.73	9987.74	119852.93
		Step E	59.3502	4748.02	10287.37	123448.42
		Step F	61.1307	4890.46	10595.99	127151.86
		Step G	62.9646	5037.17	10913.86	130966.37
		Step H	64.8535	5188.28	11241.27	134895.28
		Step I	66.7991	5343.93	11578.51	138942.13
		Step J	68.8032	5504.26	11925.89	143110.66



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
8980B	Wastewater Collection Superintendent-B	Step A	51.0274	4082.19	8844.75	106136.99
		Step B	53.9810	4318.48	9356.71	112280.48
		Step C	55.6004	4448.03	9637.40	115648.83
		Step D	57.2684	4581.47	9926.52	119118.27
		Step E	58.9866	4718.93	10224.34	122692.13
		Step F	60.7562	4860.50	10531.07	126372.90
		Step G	62.5788	5006.30	10846.99	130163.90
		Step H	64.4561	5156.49	11172.39	134068.69
		Step I	66.3898	5311.18	11507.57	138090.78
		Step J	68.3815	5470.52	11852.79	142233.52



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management						
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
8978B	Wastewater Collection Supervisor-B	Step A	42.5212	3401.70	7370.34	88444.10
		Step B	44.9821	3598.57	7796.90	93562.77
		Step C	46.3316	3706.53	8030.81	96369.73
		Step D	47.7215	3817.72	8271.73	99260.72
		Step E	49.1531	3932.25	8519.87	102238.45
		Step F	50.6277	4050.22	8775.47	105305.62
		Step G	52.1466	4171.73	9038.74	108464.93
		Step H	53.7110	4296.88	9309.91	111718.88
		Step I	55.3223	4425.78	9589.20	115070.38
		Step J	56.9820	4558.56	9876.88	118522.56



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9040B	Wastewater Treatment Plant Chief Operator-B	Step A	53.2894	4263.15	9236.83	110841.95
		Step B	56.3741	4509.93	9771.51	117258.13
		Step C	58.0653	4645.22	10064.65	120775.82
		Step D	59.8072	4784.58	10366.58	124398.98
		Step E	61.6015	4928.12	10677.59	128131.12
		Step F	63.4496	5075.97	10997.93	131975.17
		Step G	65.3530	5228.24	11327.85	135934.24
		Step H	67.3136	5385.09	11667.69	140012.29
		Step I	69.3329	5546.63	12017.70	144212.43
		Step J	71.4130	5713.04	12378.25	148539.04



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9045B	Wastewater Utility Manager-B	Step A	68.5204	5481.63	11876.87	142522.43
		Step B	72.4862	5798.90	12564.27	150771.30
		Step C	74.6608	5972.86	12941.21	155294.46
		Step D	76.9007	6152.06	13329.45	159953.46
		Step E	79.2078	6336.62	13729.35	164752.22
		Step F	81.5841	6526.73	14141.24	169694.93
		Step G	84.0314	6722.51	14565.44	174785.31
		Step H	86.5524	6924.19	15002.42	180028.99
		Step I	89.1490	7131.92	15452.49	185429.92
		Step J	91.8234	7345.87	15916.06	190992.67



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9047B	Water Conservation Administrator-B	Step A	46.7749	3741.99	8107.65	97291.79
		Step B	49.4826	3958.61	8576.98	102923.81
		Step C	50.9670	4077.36	8834.28	106011.36
		Step D	52.4961	4199.69	9099.32	109191.89
		Step E	54.0709	4325.67	9372.29	112467.47
		Step F	55.6931	4455.45	9653.47	115841.65
		Step G	57.3638	4589.10	9943.06	119316.70
		Step H	59.0848	4726.78	10241.37	122896.38
		Step I	60.8572	4868.58	10548.58	126582.98
		Step J	62.6830	5014.64	10865.05	130380.64



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9085B	Water Distribution Superintendent-B	Step A	50.2748	4021.98	8714.30	104571.58
		Step B	53.9810	4318.48	9356.71	112280.48
		Step C	55.6004	4448.03	9637.40	115648.83
		Step D	57.2684	4581.47	9926.52	119118.27
		Step E	58.9866	4718.93	10224.34	122692.13
		Step F	60.7562	4860.50	10531.07	126372.90
		Step G	62.5788	5006.30	10846.99	130163.90
		Step H	64.4561	5156.49	11172.39	134068.69
		Step I	66.3898	5311.18	11507.57	138090.78
		Step J	68.3815	5470.52	11852.79	142233.52



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9084B	Water Distribution Supervisor-B	Step A	42.5211	3401.69	7370.32	88443.89
		Step B	44.9821	3598.57	7796.90	93562.77
		Step C	46.3316	3706.53	8030.81	96369.73
		Step D	47.7215	3817.72	8271.73	99260.72
		Step E	49.1531	3932.25	8519.87	102238.45
		Step F	50.6277	4050.22	8775.47	105305.62
		Step G	52.1466	4171.73	9038.74	108464.93
		Step H	53.7110	4296.88	9309.91	111718.88
		Step I	55.3223	4425.78	9589.20	115070.38
		Step J	56.9820	4558.56	9876.88	118522.56



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT	Management					
Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9101B	Water Quality Lab Supervisor-B	Step A	44.6454	3571.63	7738.54	92862.43
		Step B	47.2294	3778.35	8186.43	98237.15
		Step C	48.6464	3891.71	8432.04	101184.51
		Step D	50.1057	4008.46	8684.99	104219.86
		Step E	51.6089	4128.71	8945.54	107346.51
		Step F	53.1572	4252.58	9213.91	110566.98
		Step G	54.7519	4380.15	9490.33	113883.95
		Step H	56.3945	4511.56	9775.05	117300.56
		Step I	58.0862	4646.90	10068.27	120819.30
		Step J	59.8289	4786.31	10370.34	124444.11



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9175B	Water Treatment Plant Chief Operator-B	Step A	51.0229	4081.83	8843.97	106127.63
		Step B	53.9764	4318.11	9355.91	112270.91
		Step C	55.5957	4447.66	9636.59	115639.06
		Step D	57.2636	4581.09	9925.69	119108.29
		Step E	58.9814	4718.51	10223.44	122681.31
		Step F	60.7508	4860.06	10530.14	126361.66
		Step G	62.5734	5005.87	10846.06	130152.67
		Step H	64.4505	5156.04	11171.42	134057.04
		Step I	66.3840	5310.72	11506.56	138078.72
		Step J	68.3757	5470.06	11851.79	142221.46



City of Roseville

Salary Schedule: Management-B

Appendix:I
Effective Date:03/22/2025

MGMT Management

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9244B	Water Utility Manager-B	Step A	68.5204	5481.63	11876.87	142522.43
		Step B	72.4862	5798.90	12564.27	150771.30
		Step C	74.6608	5972.86	12941.21	155294.46
		Step D	76.9007	6152.06	13329.45	159953.46
		Step E	79.2078	6336.62	13729.35	164752.22
		Step F	81.5841	6526.73	14141.24	169694.93
		Step G	84.0314	6722.51	14565.44	174785.31
		Step H	86.5524	6924.19	15002.42	180028.99
		Step I	89.1490	7131.92	15452.49	185429.92
		Step J	91.8234	7345.87	15916.06	190992.67

ORDINANCE NO. 6920

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING
ORDINANCE NO. 6911, THE SALARY ORDINANCE FOR EMPLOYEES REPRESENTED
BY THE INTERNATIONAL UNION OF OPERATING ENGINEERS, STATIONARY
ENGINEERS, LOCAL 39, AS AMENDED BY APPENDIX “G”
TO BE EFFECTIVE MARCH 22, 2025, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 6911, the Salary Ordinance for employees represented by the International Union of Operating Engineers, Stationary Engineers, Local 39, is hereby amended as shown on Appendix “G” for salary schedules A & B attached hereto.

DELETION OF CLASSIFICATION

<u>Classification No.</u>	<u>Position Title</u>	<u>Hourly Rate</u>
1450A/1450B	Courier	\$24.30

SECTION 2. Salary Schedule Effective Date.

This Ordinance shall be effective March 22, 2025 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 March 22, 2025. 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 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: Stationary Engineers Local 39-A

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name				
		Hourly	Bi-Weekly	Monthly	Annual	
0035A	Accountant I-A	Step A	32.2892	2583.14	5596.79	67161.54
		Step B	33.9038	2712.30	5876.66	70519.90
		Step C	35.5990	2847.92	6170.49	74045.92
		Step D	37.3788	2990.30	6478.99	77747.90
		Step E	39.2479	3139.83	6802.97	81635.63
		Step F	41.2101	3296.81	7143.08	85717.01
		Step G	43.2707	3461.66	7500.25	90003.06
		Step H	45.4342	3634.74	7875.26	94503.14
0040A	Accountant II-A	Step A	35.5180	2841.44	6156.45	73877.44
		Step B	37.2941	2983.53	6464.31	77571.73
		Step C	39.1588	3132.70	6787.53	81450.30
		Step D	41.1167	3289.34	7126.89	85522.74
		Step E	43.1727	3453.82	7483.27	89799.22
		Step F	45.3312	3626.50	7857.41	94288.90
		Step G	47.5978	3807.82	8250.29	99003.42
		Step H	49.9776	3998.21	8662.78	103953.41



City of Roseville

Salary Schedule: Stationary Engineers Local 39-A

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1003A	Administrative Supervisor-A	Step A	32.5911	2607.29	5649.12	67789.49
		Step B	34.2208	2737.66	5931.61	71179.26
		Step C	35.9319	2874.55	6228.20	74738.35
		Step D	37.7283	3018.26	6539.57	78474.86
		Step E	39.6147	3169.18	6866.55	82398.58
		Step F	41.5956	3327.65	7209.90	86518.85
		Step G	43.6753	3494.02	7570.39	90844.62
		Step H	45.8590	3668.72	7948.89	95386.72
0084A	Administrative Technician-A	Step A	28.3401	2267.21	4912.28	58947.41
		Step B	29.7572	2380.58	5157.91	61894.98
		Step C	31.2451	2499.61	5415.82	64989.81
		Step D	32.8073	2624.58	5686.60	68239.18
		Step E	34.4477	2755.82	5970.93	71651.22
		Step F	36.1701	2893.61	6269.48	75233.81
		Step G	37.9786	3038.29	6582.96	78995.49
		Step H	39.8774	3190.19	6912.08	82944.99



City of Roseville

Salary Schedule: Stationary Engineers Local 39-A

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
8302A	Aquatics Maintenance Technician-A	Step A	30.6961	2455.69	5320.66	63847.89
		Step B	32.2308	2578.46	5586.67	67040.06
		Step C	33.8424	2707.39	5866.02	70392.19
		Step D	35.5344	2842.75	6159.30	73911.55
		Step E	37.3112	2984.90	6467.27	77607.30
		Step F	39.1765	3134.12	6790.59	81487.12
		Step G	41.1355	3290.84	7130.15	85561.84
		Step H	43.1923	3455.38	7486.67	89839.98
8300A	Arborist Technician-A	Step A	30.6961	2455.69	5320.66	63847.89
		Step B	32.2308	2578.46	5586.67	67040.06
		Step C	33.8424	2707.39	5866.02	70392.19
		Step D	35.5344	2842.75	6159.30	73911.55
		Step E	37.3112	2984.90	6467.27	77607.30
		Step F	39.1765	3134.12	6790.59	81487.12
		Step G	41.1355	3290.84	7130.15	85561.84
		Step H	43.1923	3455.38	7486.67	89839.98



City of Roseville

Salary Schedule: Stationary Engineers Local 39-A

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
0376A	Assistant Child Care Site Coordinator-A	Step A	24.2728	1941.82	4207.29	50487.42
		Step B	25.4863	2038.90	4417.63	53011.50
		Step C	26.7607	2140.86	4638.52	55662.26
		Step D	28.0986	2247.89	4870.42	58445.09
		Step E	29.5037	2360.30	5113.97	61367.70
		Step F	30.9789	2478.31	5369.68	64436.11
		Step G	32.5278	2602.22	5638.15	67657.82
		Step H	34.1542	2732.34	5920.06	71040.74
0338A	Assistant Engineer-A	Step A	38.9869	3118.95	6757.73	81092.75
		Step B	40.9361	3274.89	7095.59	85147.09
		Step C	42.9831	3438.65	7450.40	89404.85
		Step D	45.1321	3610.57	7822.90	93874.77
		Step E	47.3888	3791.10	8214.06	98568.70
		Step F	49.7583	3980.66	8624.77	103497.26
		Step G	52.2462	4179.70	9056.01	108672.10
		Step H	54.8585	4388.68	9508.81	114105.68



City of Roseville

Salary Schedule: Stationary Engineers Local 39-A

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
0650A	Assistant Planner-A	Step A	32.7019	2616.15	5668.33	68019.95
		Step B	34.3370	2746.96	5951.75	71420.96
		Step C	36.0539	2884.31	6249.34	74992.11
		Step D	37.8564	3028.51	6561.78	78741.31
		Step E	39.7493	3179.94	6889.88	82678.54
		Step F	41.7368	3338.94	7234.38	86812.54
		Step G	43.8237	3505.90	7596.11	91153.30
		Step H	46.0148	3681.18	7975.90	95710.78
1005A	Associate Engineer (PE)-A	Step A	44.8347	3586.78	7771.35	93256.18
		Step B	47.0764	3766.11	8159.91	97918.91
		Step C	49.4304	3954.43	8567.94	102815.23
		Step D	51.9018	4152.14	8996.31	107955.74
		Step E	54.4970	4359.76	9446.15	113353.76
		Step F	57.2219	4577.75	9918.46	119021.55
		Step G	60.0827	4806.62	10414.33	124972.02
		Step H	63.0870	5046.96	10935.08	131220.96



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
0820A	Associate Engineer-A	Step A	42.6999	3415.99	7401.32	88815.79
		Step B	44.8347	3586.78	7771.35	93256.18
		Step C	47.0766	3766.13	8159.94	97919.33
		Step D	49.4304	3954.43	8567.94	102815.23
		Step E	51.9019	4152.15	8996.33	107955.95
		Step F	54.4971	4359.77	9446.16	113353.97
		Step G	57.2219	4577.75	9918.46	119021.55
		Step H	60.0828	4806.62	10414.35	124972.22
0900A	Associate Planner-A	Step A	37.6073	3008.58	6518.60	78223.18
		Step B	39.4875	3159.00	6844.50	82134.00
		Step C	41.4619	3316.95	7186.73	86240.75
		Step D	43.5349	3482.79	7546.05	90552.59
		Step E	45.7116	3656.93	7923.34	95080.13
		Step F	47.9974	3839.79	8319.55	99834.59
		Step G	50.3971	4031.77	8735.50	104825.97
		Step H	52.9170	4233.36	9172.28	110067.36



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1018A	Building Inspector I-A	Step A	32.4447	2595.58	5623.75	67484.98
		Step B	34.0670	2725.36	5904.95	70859.36
		Step C	35.7705	2861.64	6200.22	74402.64
		Step D	37.5591	3004.73	6510.24	78122.93
		Step E	39.4370	3154.96	6835.75	82028.96
		Step F	41.4087	3312.70	7177.51	86130.10
		Step G	43.4793	3478.34	7536.41	90436.94
		Step H	45.6532	3652.26	7913.22	94958.66
1019A	Building Inspector II-A	Step A	35.6895	2855.16	6186.18	74234.16
		Step B	37.4738	2997.90	6495.46	77945.50
		Step C	39.3475	3147.80	6820.23	81842.80
		Step D	41.3150	3305.20	7161.27	85935.20
		Step E	43.3808	3470.46	7519.34	90232.06
		Step F	45.5497	3643.98	7895.28	94743.38
		Step G	47.8271	3826.17	8290.03	99480.37
		Step H	50.2186	4017.49	8704.56	104454.69



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9425A	Building Maintenance Aide-A	Step A	21.8180	1745.44	3781.79	45381.44
		Step B	22.9089	1832.71	3970.88	47650.51
		Step C	24.0544	1924.35	4169.43	50033.15
		Step D	25.2571	2020.57	4377.90	52534.77
		Step E	26.5199	2121.59	4596.78	55161.39
		Step F	27.8460	2227.68	4826.64	57919.68
		Step G	29.2382	2339.06	5067.95	60815.46
		Step H	30.7001	2456.01	5321.35	63856.21
1030A	Building Maintenance Worker I-A	Step A	26.1816	2094.53	4538.14	54457.73
		Step B	27.4907	2199.26	4765.05	57180.66
		Step C	28.8651	2309.21	5003.28	60039.41
		Step D	30.3084	2424.67	5253.46	63041.47
		Step E	31.8240	2545.92	5516.16	66193.92
		Step F	33.4151	2673.21	5791.95	69503.41
		Step G	35.0859	2806.87	6081.56	72978.67
		Step H	36.8400	2947.20	6385.60	76627.20



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1032A	Building Maintenance Worker II-A	Step A	28.7998	2303.98	4991.97	59903.58
		Step B	30.2398	2419.18	5241.57	62898.78
		Step C	31.7517	2540.14	5503.63	66043.54
		Step D	33.3392	2667.14	5778.79	69345.54
		Step E	35.0062	2800.50	6067.74	72812.90
		Step F	36.7566	2940.53	6371.14	76453.73
		Step G	38.5943	3087.54	6689.68	80276.14
		Step H	40.5240	3241.92	7024.16	84289.92
1045A	Building Plans Examiner I-A	Step A	33.1206	2649.65	5740.90	68890.85
		Step B	34.7767	2782.14	6027.96	72335.54
		Step C	36.5156	2921.25	6329.37	75952.45
		Step D	38.3413	3067.30	6645.83	79749.90
		Step E	40.2583	3220.66	6978.11	83737.26
		Step F	42.2713	3381.70	7327.03	87924.30
		Step G	44.3847	3550.78	7693.35	92320.18
		Step H	46.6041	3728.33	8078.04	96936.53



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1047A	Building Plans Examiner II-A	Step A	36.4325	2914.60	6314.97	75779.60
		Step B	38.2544	3060.35	6630.76	79569.15
		Step C	40.1670	3213.36	6962.28	83547.36
		Step D	42.1754	3374.03	7310.40	87724.83
		Step E	44.2841	3542.73	7675.91	92110.93
		Step F	46.4984	3719.87	8059.72	96716.67
		Step G	48.8233	3905.86	8462.71	101552.46
		Step H	51.2646	4101.17	8885.86	106630.37
1361A	Business Systems Analyst I-A	Step A	36.7118	2936.94	6363.38	76360.54
		Step B	38.5475	3083.80	6681.57	80178.80
		Step C	40.4748	3237.98	7015.63	84187.58
		Step D	42.4984	3399.87	7366.39	88396.67
		Step E	44.6235	3569.88	7734.74	92816.88
		Step F	46.8547	3748.38	8121.48	97457.78
		Step G	49.1972	3935.78	8527.51	102330.18
		Step H	51.6572	4132.58	8953.91	107446.98



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1362A	Business Systems Analyst II-A	Step A	40.3830	3230.64	6999.72	83996.64
		Step B	42.4021	3392.17	7349.70	88196.37
		Step C	44.5224	3561.79	7717.22	92606.59
		Step D	46.7484	3739.87	8103.06	97236.67
		Step E	49.0858	3926.86	8508.21	102098.46
		Step F	51.5402	4123.22	8933.63	107203.62
		Step G	54.1170	4329.36	9380.28	112563.36
		Step H	56.8229	4545.83	9849.30	118191.63
1055A	Buyer I-A	Step A	29.3531	2348.25	5087.87	61054.45
		Step B	30.8207	2465.66	5342.25	64107.06
		Step C	32.3618	2588.94	5609.38	67312.54
		Step D	33.9798	2718.38	5889.83	70677.98
		Step E	35.6788	2854.30	6184.33	74211.90
		Step F	37.4627	2997.02	6493.53	77922.42
		Step G	39.3360	3146.88	6818.24	81818.88
		Step H	41.3028	3304.22	7159.15	85909.82



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1060A	Buyer II-A	Step A	32.2884	2583.07	5596.66	67159.87
		Step B	33.9027	2712.22	5876.47	70517.62
		Step C	35.5980	2847.84	6170.32	74043.84
		Step D	37.3778	2990.22	6478.82	77745.82
		Step E	39.2466	3139.73	6802.74	81632.93
		Step F	41.2090	3296.72	7142.89	85714.72
		Step G	43.2697	3461.58	7500.08	90000.98
		Step H	45.4331	3634.65	7875.07	94500.85
1225A	Child Care Site Coordinator-A	Step A	27.9135	2233.08	4838.34	58060.08
		Step B	29.3094	2344.75	5080.30	60963.55
		Step C	30.7748	2461.98	5334.30	64011.58
		Step D	32.3136	2585.09	5601.02	67212.29
		Step E	33.9292	2714.34	5881.06	70572.74
		Step F	35.6256	2850.05	6175.10	74101.25
		Step G	37.4070	2992.56	6483.88	77806.56
		Step H	39.2773	3142.18	6808.07	81696.78



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1226A	City Clerk Technician I-A	Step A	28.0340	2242.72	4859.23	58310.72
		Step B	29.4357	2354.86	5102.19	61226.26
		Step C	30.9074	2472.59	5357.28	64287.39
		Step D	32.4528	2596.22	5625.15	67501.82
		Step E	34.0756	2726.05	5906.44	70877.25
		Step F	35.7792	2862.34	6201.73	74420.74
		Step G	37.5683	3005.46	6511.84	78142.06
		Step H	39.4467	3155.74	6837.43	82049.14
1227A	City Clerk Technician II-A	Step A	30.8372	2466.98	5345.11	64141.38
		Step B	32.3793	2590.34	5612.41	67348.94
		Step C	33.9981	2719.85	5893.00	70716.05
		Step D	35.6981	2855.85	6187.67	74252.05
		Step E	37.4830	2998.64	6497.05	77964.64
		Step F	39.3572	3148.58	6821.91	81862.98
		Step G	41.3251	3306.01	7163.02	85956.21
		Step H	43.3915	3471.32	7521.19	90254.32



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1364A	Code Enforcement Inspector I-A	Step A	26.3214	2105.71	4562.38	54748.51
		Step B	27.6376	2211.01	4790.52	57486.21
		Step C	29.0193	2321.54	5030.01	60360.14
		Step D	30.4704	2437.63	5281.54	63378.43
		Step E	31.9937	2559.50	5545.57	66546.90
		Step F	33.5934	2687.47	5822.86	69874.27
		Step G	35.2730	2821.84	6113.99	73367.84
		Step H	37.0367	2962.94	6419.69	77036.34
1369A	Code Enforcement Inspector II-A	Step A	28.9535	2316.28	5018.61	60223.28
		Step B	30.4011	2432.09	5269.52	63234.29
		Step C	31.9213	2553.70	5533.03	66396.30
		Step D	33.5174	2681.39	5809.68	69716.19
		Step E	35.1931	2815.45	6100.14	73201.65
		Step F	36.9529	2956.23	6405.17	76862.03
		Step G	38.8004	3104.03	6725.40	80704.83
		Step H	40.7405	3259.24	7061.69	84740.24



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1401A	Community Relations Analyst-A	Step A	38.6579	3092.63	6700.70	80408.43
		Step B	40.5906	3247.25	7035.70	84428.45
		Step C	42.6202	3409.62	7387.50	88650.02
		Step D	44.7514	3580.11	7756.91	93082.91
		Step E	46.9888	3759.10	8144.73	97736.70
		Step F	49.3383	3947.06	8551.97	102623.66
		Step G	51.8052	4144.42	8979.57	107754.82
		Step H	54.3955	4351.64	9428.55	113142.64
1248A	Construction Inspection Supervisor-A	Step A	41.7602	3340.82	7238.43	86861.22
		Step B	43.8484	3507.87	7600.39	91204.67
		Step C	46.0407	3683.26	7980.39	95764.66
		Step D	48.3427	3867.42	8379.40	100552.82
		Step E	50.7598	4060.78	8798.37	105580.38
		Step F	53.2978	4263.82	9238.29	110859.42
		Step G	55.9627	4477.02	9700.20	116402.42
		Step H	58.7608	4700.86	10185.21	122222.46



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1432A	Construction Inspector I-A	Step A	30.0110	2400.88	5201.91	62422.88
		Step B	31.5115	2520.92	5461.99	65543.92
		Step C	33.0870	2646.96	5735.08	68820.96
		Step D	34.7415	2779.32	6021.86	72262.32
		Step E	36.4785	2918.28	6322.94	75875.28
		Step F	38.3025	3064.20	6639.10	79669.20
		Step G	40.2175	3217.40	6971.03	83652.40
		Step H	42.2285	3378.28	7319.61	87835.28
1434A	Construction Inspector II-A	Step A	33.0120	2640.96	5722.08	68664.96
		Step B	34.6627	2773.02	6008.20	72098.42
		Step C	36.3958	2911.66	6308.61	75703.26
		Step D	38.2156	3057.25	6624.04	79488.45
		Step E	40.1263	3210.10	6955.23	83462.70
		Step F	42.1327	3370.62	7303.00	87636.02
		Step G	44.2393	3539.14	7668.15	92017.74
		Step H	46.4512	3716.10	8051.54	96618.50



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1485A	Custodian-A	Step A	19.8195	1585.56	3435.38	41224.56
		Step B	20.8105	1664.84	3607.15	43285.84
		Step C	21.8512	1748.10	3787.54	45450.50
		Step D	22.9436	1835.49	3976.89	47722.69
		Step E	24.0908	1927.26	4175.74	50108.86
		Step F	25.2951	2023.61	4384.48	52613.81
		Step G	26.5601	2124.81	4603.75	55245.01
		Step H	27.8882	2231.06	4833.95	58007.46
1546A	Data Management Specialist I-A	Step A	36.7118	2936.94	6363.38	76360.54
		Step B	38.5475	3083.80	6681.57	80178.80
		Step C	40.4748	3237.98	7015.63	84187.58
		Step D	42.4984	3399.87	7366.39	88396.67
		Step E	44.6235	3569.88	7734.74	92816.88
		Step F	46.8547	3748.38	8121.48	97457.78
		Step G	49.1972	3935.78	8527.51	102330.18
		Step H	51.6572	4132.58	8953.91	107446.98



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1548A	Data Management Specialist II-A	Step A	40.3830	3230.64	6999.72	83996.64
		Step B	42.4021	3392.17	7349.70	88196.37
		Step C	44.5224	3561.79	7717.22	92606.59
		Step D	46.7484	3739.87	8103.06	97236.67
		Step E	49.0858	3926.86	8508.21	102098.46
		Step F	51.5402	4123.22	8933.63	107203.62
		Step G	54.1170	4329.36	9380.28	112563.36
		Step H	56.8229	4545.83	9849.30	118191.63
1551A	Database Analyst I-A	Step A	36.7118	2936.94	6363.38	76360.54
		Step B	38.5475	3083.80	6681.57	80178.80
		Step C	40.4748	3237.98	7015.63	84187.58
		Step D	42.4984	3399.87	7366.39	88396.67
		Step E	44.6235	3569.88	7734.74	92816.88
		Step F	46.8547	3748.38	8121.48	97457.78
		Step G	49.1972	3935.78	8527.51	102330.18
		Step H	51.6572	4132.58	8953.91	107446.98



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1552A	Database Analyst II-A	Step A	40.3830	3230.64	6999.72	83996.64
		Step B	42.4021	3392.17	7349.70	88196.37
		Step C	44.5224	3561.79	7717.22	92606.59
		Step D	46.7484	3739.87	8103.06	97236.67
		Step E	49.0858	3926.86	8508.21	102098.46
		Step F	51.5402	4123.22	8933.63	107203.62
		Step G	54.1170	4329.36	9380.28	112563.36
		Step H	56.8229	4545.83	9849.30	118191.63
1660A	Deputy City Clerk I-A	Step A	20.6040	1648.32	3571.36	42856.32
		Step B	21.6341	1730.73	3749.91	44998.93
		Step C	22.7159	1817.27	3937.42	47249.07
		Step D	23.8516	1908.13	4134.28	49611.33
		Step E	25.0443	2003.54	4341.01	52092.14
		Step F	26.2965	2103.72	4558.06	54696.72
		Step G	27.6111	2208.89	4785.92	57431.09
		Step H	28.9917	2319.34	5025.23	60302.74



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1665A	Deputy City Clerk II-A	Step A	22.6643	1813.14	3928.48	47141.74
		Step B	23.7976	1903.81	4124.92	49499.01
		Step C	24.9876	1999.01	4331.18	51974.21
		Step D	26.2367	2098.94	4547.69	54572.34
		Step E	27.5486	2203.89	4775.09	57301.09
		Step F	28.9261	2314.09	5013.86	60166.29
		Step G	30.3724	2429.79	5264.55	63174.59
		Step H	31.8909	2551.27	5527.76	66333.07
1095A	Development Services Business Analyst I-A	Step A	36.1100	2888.80	6259.07	75108.80
		Step B	37.9155	3033.24	6572.02	78864.24
		Step C	39.8113	3184.90	6900.63	82807.50
		Step D	41.8019	3344.15	7245.66	86947.95
		Step E	43.8918	3511.34	7607.91	91294.94
		Step F	46.0866	3686.93	7988.34	95860.13
		Step G	48.3908	3871.26	8387.74	100652.86
		Step H	50.8104	4064.83	8807.14	105685.63



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1096A	Development Services Business Analyst II-A	Step A	39.7208	3177.66	6884.94	82619.26
		Step B	41.7069	3336.55	7229.20	86750.35
		Step C	43.7923	3503.38	7590.67	91087.98
		Step D	45.9819	3678.55	7970.20	95642.35
		Step E	48.2811	3862.49	8368.72	100424.69
		Step F	50.6952	4055.62	8787.17	105446.02
		Step G	53.2300	4258.40	9226.53	110718.40
		Step H	55.8914	4471.31	9687.84	116254.11
1670A	Development Technician I-A	Step A	25.8263	2066.10	4476.56	53718.70
		Step B	27.1171	2169.37	4700.30	56403.57
		Step C	28.4729	2277.83	4935.30	59223.63
		Step D	29.8967	2391.74	5182.09	62185.14
		Step E	31.3917	2511.34	5441.23	65294.74
		Step F	32.9612	2636.90	5713.27	68559.30
		Step G	34.6091	2768.73	5998.91	71986.93
		Step H	36.3396	2907.17	6298.86	75586.37



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1672A	Development Technician II-A	Step A	28.4083	2272.66	4924.11	59089.26
		Step B	29.8289	2386.31	5170.34	62044.11
		Step C	31.3203	2505.62	5428.85	65146.22
		Step D	32.8864	2630.91	5700.31	68403.71
		Step E	34.5306	2762.45	5985.30	71823.65
		Step F	36.2573	2900.58	6284.60	75415.18
		Step G	38.0701	3045.61	6598.82	79185.81
		Step H	39.9737	3197.90	6928.77	83145.30
1109A	Digital Content Analyst-A	Step A	42.5237	3401.90	7370.77	88449.30
		Step B	44.6497	3571.98	7739.28	92871.38
		Step C	46.8823	3750.58	8126.27	97515.18
		Step D	49.2264	3938.11	8532.58	102390.91
		Step E	51.6878	4135.02	8959.22	107510.62
		Step F	54.2721	4341.77	9407.16	112885.97
		Step G	56.9858	4558.86	9877.54	118530.46
		Step H	59.8350	4786.80	10371.40	124456.80



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
9549A	ERP Business Analyst I-A	Step A	37.1329	2970.63	6436.37	77236.43
		Step B	38.9895	3119.16	6758.18	81098.16
		Step C	40.9389	3275.11	7096.08	85152.91
		Step D	42.9859	3438.87	7450.89	89410.67
		Step E	45.1352	3610.82	7823.43	93881.22
		Step F	47.3919	3791.35	8214.60	98575.15
		Step G	49.7615	3980.92	8625.33	103503.92
		Step H	52.2497	4179.98	9056.61	108679.38
9550A	ERP Business Analyst II-A	Step A	40.8461	3267.69	7079.99	84959.89
		Step B	42.8885	3431.08	7434.01	89208.08
		Step C	45.0329	3602.63	7805.70	93668.43
		Step D	47.2845	3782.76	8195.98	98351.76
		Step E	49.6487	3971.90	8605.77	103269.30
		Step F	52.1312	4170.50	9036.07	108432.90
		Step G	54.7377	4379.02	9487.87	113854.42
		Step H	57.4746	4597.97	9962.26	119547.17



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2466A	Energy Program Technician-A	Step A	28.3401	2267.21	4912.28	58947.41
		Step B	29.7572	2380.58	5157.91	61894.98
		Step C	31.2451	2499.61	5415.82	64989.81
		Step D	32.8073	2624.58	5686.60	68239.18
		Step E	34.4477	2755.82	5970.93	71651.22
		Step F	36.1701	2893.61	6269.48	75233.81
		Step G	37.9786	3038.29	6582.96	78995.49
		Step H	39.8774	3190.19	6912.08	82944.99
1300A	Engineering Technician I-A	Step A	27.6091	2208.73	4785.58	57426.93
		Step B	28.9897	2319.18	5024.88	60298.58
		Step C	30.4390	2435.12	5276.09	63313.12
		Step D	31.9610	2556.88	5539.91	66478.88
		Step E	33.5592	2684.74	5816.93	69803.14
		Step F	35.2370	2818.96	6107.75	73292.96
		Step G	36.9990	2959.92	6413.16	76957.92
		Step H	38.8487	3107.90	6733.77	80805.30



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1350A	Engineering Technician II-A	Step A	30.3701	2429.61	5264.15	63169.81
		Step B	31.8885	2551.08	5527.34	66328.08
		Step C	33.4829	2678.63	5803.70	69644.43
		Step D	35.1570	2812.56	6093.88	73126.56
		Step E	36.9148	2953.18	6398.57	76782.78
		Step F	38.7607	3100.86	6718.52	80622.26
		Step G	40.6988	3255.90	7054.46	84653.50
		Step H	42.7338	3418.70	7407.19	88886.30
2542A	Environmental Compliance Specialist I-A	Step A	29.9126	2393.01	5184.85	62218.21
		Step B	31.4083	2512.66	5444.11	65329.26
		Step C	32.9787	2638.30	5716.31	68595.70
		Step D	34.6276	2770.21	6002.12	72025.41
		Step E	36.3590	2908.72	6302.23	75626.72
		Step F	38.1769	3054.15	6617.33	79407.95
		Step G	40.0858	3206.86	6948.21	83378.46
		Step H	42.0901	3367.21	7295.62	87547.41



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2544A	Environmental Compliance Specialist II-A	Step A	32.9038	2632.30	5703.33	68439.90
		Step B	34.5492	2763.94	5988.53	71862.34
		Step C	36.2765	2902.12	6287.93	75455.12
		Step D	38.0903	3047.22	6602.32	79227.82
		Step E	39.9949	3199.59	6932.45	83189.39
		Step F	41.9946	3359.57	7279.06	87348.77
		Step G	44.0943	3527.54	7643.01	91716.14
		Step H	46.2991	3703.93	8025.18	96302.13
2560A	Equipment Serviceworker-A	Step A	24.4159	1953.27	4232.09	50785.07
		Step B	25.6366	2050.93	4443.68	53324.13
		Step C	26.9184	2153.47	4665.86	55990.27
		Step D	28.2643	2261.14	4899.15	58789.74
		Step E	29.6776	2374.21	5144.12	61729.41
		Step F	31.1615	2492.92	5401.33	64815.92
		Step G	32.7194	2617.55	5671.36	68056.35
		Step H	34.3555	2748.44	5954.95	71459.44



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
3334A	Finance Clerk I-A	Step A	21.0826	1686.61	3654.32	43851.81
		Step B	22.1367	1770.94	3837.03	46044.34
		Step C	23.2435	1859.48	4028.87	48346.48
		Step D	24.4059	1952.47	4230.36	50764.27
		Step E	25.6260	2050.08	4441.84	53302.08
		Step F	26.9075	2152.60	4663.97	55967.60
		Step G	28.2527	2260.22	4897.13	58765.62
		Step H	29.6654	2373.23	5142.00	61704.03
3335A	Finance Clerk II-A	Step A	23.1909	1855.27	4019.76	48237.07
		Step B	24.3505	1948.04	4220.75	50649.04
		Step C	25.5679	2045.43	4431.77	53181.23
		Step D	26.8464	2147.71	4653.38	55840.51
		Step E	28.1887	2255.10	4886.04	58632.50
		Step F	29.5981	2367.85	5130.34	61564.05
		Step G	31.0779	2486.23	5386.84	64642.03
		Step H	32.6318	2610.54	5656.18	67874.14



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3325A	Finance Technician I-A	Step A	24.1476	1931.81	4185.58	50227.01
		Step B	25.3550	2028.40	4394.87	52738.40
		Step C	26.6228	2129.82	4614.62	55375.42
		Step D	27.9540	2236.32	4845.36	58144.32
		Step E	29.3517	2348.14	5087.63	61051.54
		Step F	30.8192	2465.54	5341.99	64103.94
		Step G	32.3602	2588.82	5609.10	67309.22
		Step H	33.9782	2718.26	5889.55	70674.66
3326A	Finance Technician II-A	Step A	26.5624	2124.99	4604.15	55249.79
		Step B	27.8906	2231.25	4834.37	58012.45
		Step C	29.2853	2342.82	5076.12	60913.42
		Step D	30.7495	2459.96	5329.91	63958.96
		Step E	32.2868	2582.94	5596.38	67156.54
		Step F	33.9014	2712.11	5876.24	70514.91
		Step G	35.5963	2847.70	6170.03	74040.30
		Step H	37.3762	2990.10	6478.54	77742.50



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
3319A	Fleet Management Technician-A	Step A	33.9747	2717.98	5888.95	70667.38
		Step B	35.6734	2853.87	6183.39	74200.67
		Step C	37.4570	2996.56	6492.55	77910.56
		Step D	39.3299	3146.39	6817.18	81806.19
		Step E	41.2963	3303.70	7158.03	85896.30
		Step F	43.3613	3468.90	7515.96	90191.50
		Step G	45.5293	3642.34	7891.75	94700.94
		Step H	47.8057	3824.46	8286.32	99435.86
1113A	Fleet Services Parts Buyer-A	Step A	33.9747	2717.98	5888.95	70667.38
		Step B	35.6734	2853.87	6183.39	74200.67
		Step C	37.4570	2996.56	6492.55	77910.56
		Step D	39.3299	3146.39	6817.18	81806.19
		Step E	41.2963	3303.70	7158.03	85896.30
		Step F	43.3613	3468.90	7515.96	90191.50
		Step G	45.5293	3642.34	7891.75	94700.94
		Step H	47.8057	3824.46	8286.32	99435.86



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
3410A	GIS Analyst I-A	Step A	34.3901	2751.21	5960.95	71531.41
		Step B	36.1095	2888.76	6258.98	75107.76
		Step C	37.9152	3033.22	6571.97	78863.62
		Step D	39.8110	3184.88	6900.57	82806.88
		Step E	41.8016	3344.13	7245.61	86947.33
		Step F	43.8913	3511.30	7607.83	91293.90
		Step G	46.0861	3686.89	7988.26	95859.09
		Step H	48.3901	3871.21	8387.62	100651.41
3412A	GIS Analyst II-A	Step A	37.8298	3026.38	6557.17	78685.98
		Step B	39.7212	3177.70	6885.01	82620.10
		Step C	41.7071	3336.57	7229.23	86750.77
		Step D	43.7923	3503.38	7590.67	91087.98
		Step E	45.9820	3678.56	7970.21	95642.56
		Step F	48.2813	3862.50	8368.76	100425.10
		Step G	50.6952	4055.62	8787.17	105446.02
		Step H	53.2300	4258.40	9226.53	110718.40



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
2213A	GIS Technician I-A	Step A	28.9893	2319.14	5024.81	60297.74
		Step B	30.4386	2435.09	5276.02	63312.29
		Step C	31.9606	2556.85	5539.84	66478.05
		Step D	33.5586	2684.69	5816.82	69801.89
		Step E	35.2365	2818.92	6107.66	73291.92
		Step F	36.9985	2959.88	6413.07	76956.88
		Step G	38.8484	3107.87	6733.72	80804.67
		Step H	40.7907	3263.26	7070.39	84844.66
2214A	GIS Technician II-A	Step A	31.8882	2551.06	5527.29	66327.46
		Step B	33.4824	2678.59	5803.62	69643.39
		Step C	35.1566	2812.53	6093.81	73125.73
		Step D	36.9144	2953.15	6398.50	76781.95
		Step E	38.7604	3100.83	6718.47	80621.63
		Step F	40.6982	3255.86	7054.35	84652.26
		Step G	42.7333	3418.66	7407.11	88885.26
		Step H	44.8697	3589.58	7777.41	93328.98



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1101A	Graphic Designer-A	Step A	35.1435	2811.48	6091.54	73098.48
		Step B	36.9006	2952.05	6396.10	76753.25
		Step C	38.7457	3099.66	6715.92	80591.06
		Step D	40.6829	3254.63	7051.70	84620.43
		Step E	42.7171	3417.37	7404.30	88851.57
		Step F	44.8530	3588.24	7774.52	93294.24
		Step G	47.0957	3767.66	8163.25	97959.06
		Step H	49.4505	3956.04	8571.42	102857.04
3401A	Housing Analyst I-A	Step A	33.6754	2694.03	5837.07	70044.83
		Step B	35.3591	2828.73	6128.91	73546.93
		Step C	37.1269	2970.15	6435.33	77223.95
		Step D	38.9833	3118.66	6757.11	81085.26
		Step E	40.9324	3274.59	7094.95	85139.39
		Step F	42.9793	3438.34	7449.75	89396.94
		Step G	45.1282	3610.26	7822.22	93866.66
		Step H	47.3845	3790.76	8213.31	98559.76



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
3402A	Housing Analyst II-A	Step A	37.0428	2963.42	6420.75	77049.02
		Step B	38.8950	3111.60	6741.80	80901.60
		Step C	40.8399	3267.19	7078.92	84946.99
		Step D	42.8818	3430.54	7432.85	89194.14
		Step E	45.0262	3602.10	7804.54	93654.50
		Step F	47.2773	3782.18	8194.73	98336.78
		Step G	49.6416	3971.33	8604.54	103254.53
		Step H	52.1232	4169.86	9034.69	108416.26
3591A	Housing Technician I-A	Step A	25.7640	2061.12	4465.76	53589.12
		Step B	27.0521	2164.17	4689.03	56268.37
		Step C	28.4047	2272.38	4923.48	59081.78
		Step D	29.8249	2385.99	5169.65	62035.79
		Step E	31.3162	2505.30	5428.14	65137.70
		Step F	32.8821	2630.57	5699.56	68394.77
		Step G	34.5260	2762.08	5984.51	71814.08
		Step H	36.2523	2900.18	6283.73	75404.78



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
3592A	Housing Technician II-A	Step A	28.3401	2267.21	4912.28	58947.41
		Step B	29.7572	2380.58	5157.91	61894.98
		Step C	31.2451	2499.61	5415.82	64989.81
		Step D	32.8073	2624.58	5686.60	68239.18
		Step E	34.4477	2755.82	5970.93	71651.22
		Step F	36.1701	2893.61	6269.48	75233.81
		Step G	37.9786	3038.29	6582.96	78995.49
		Step H	39.8774	3190.19	6912.08	82944.99
1136A	Industrial Waste Analyst-A	Step A	39.8025	3184.20	6899.10	82789.20
		Step B	41.7926	3343.41	7244.05	86928.61
		Step C	43.8822	3510.58	7606.25	91274.98
		Step D	46.0763	3686.10	7986.56	95838.70
		Step E	48.3801	3870.41	8385.88	100630.61
		Step F	50.7992	4063.94	8805.19	105662.34
		Step G	53.3391	4267.13	9245.44	110945.33
		Step H	56.0061	4480.49	9707.72	116492.69



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
3610A	Industrial Waste Technician-A	Step A	32.8944	2631.55	5701.70	68420.35
		Step B	34.5391	2763.13	5986.78	71841.33
		Step C	36.2660	2901.28	6286.11	75433.28
		Step D	38.0794	3046.35	6600.43	79205.15
		Step E	39.9833	3198.66	6930.44	83165.26
		Step F	41.9827	3358.62	7277.00	87324.02
		Step G	44.0818	3526.54	7640.85	91690.14
		Step H	46.2859	3702.87	8022.89	96274.67
3793A	Information Technology Analyst I-A	Step A	36.7118	2936.94	6363.38	76360.54
		Step B	38.5475	3083.80	6681.57	80178.80
		Step C	40.4748	3237.98	7015.63	84187.58
		Step D	42.4984	3399.87	7366.39	88396.67
		Step E	44.6235	3569.88	7734.74	92816.88
		Step F	46.8547	3748.38	8121.48	97457.78
		Step G	49.1972	3935.78	8527.51	102330.18
		Step H	51.6572	4132.58	8953.91	107446.98



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3794A	Information Technology Analyst II-A	Step A	40.3830	3230.64	6999.72	83996.64
		Step B	42.4021	3392.17	7349.70	88196.37
		Step C	44.5224	3561.79	7717.22	92606.59
		Step D	46.7484	3739.87	8103.06	97236.67
		Step E	49.0858	3926.86	8508.21	102098.46
		Step F	51.5402	4123.22	8933.63	107203.62
		Step G	54.1170	4329.36	9380.28	112563.36
		Step H	56.8229	4545.83	9849.30	118191.63
3617A	Information Technology Technician I-A	Step A	28.4472	2275.78	4930.85	59170.18
		Step B	29.8697	2389.58	5177.41	62128.98
		Step C	31.3633	2509.06	5436.31	65235.66
		Step D	32.9313	2634.50	5708.09	68497.10
		Step E	34.5779	2766.23	5993.50	71922.03
		Step F	36.3067	2904.54	6293.16	75517.94
		Step G	38.1221	3049.77	6607.83	79293.97
		Step H	40.0283	3202.26	6938.24	83258.86



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3618A	Information Technology Technician II-A	Step A	31.2919	2503.35	5423.93	65087.15
		Step B	32.8566	2628.53	5695.14	68341.73
		Step C	34.4992	2759.94	5979.86	71758.34
		Step D	36.2243	2897.94	6278.88	75346.54
		Step E	38.0355	3042.84	6592.82	79113.84
		Step F	39.9374	3194.99	6922.48	83069.79
		Step G	41.9342	3354.74	7268.59	87223.14
		Step H	44.0309	3522.47	7632.02	91584.27
3730A	Interpretive Services Specialist I-A	Step A	27.9135	2233.08	4838.34	58060.08
		Step B	29.3094	2344.75	5080.30	60963.55
		Step C	30.7748	2461.98	5334.30	64011.58
		Step D	32.3136	2585.09	5601.02	67212.29
		Step E	33.9292	2714.34	5881.06	70572.74
		Step F	35.6256	2850.05	6175.10	74101.25
		Step G	37.4070	2992.56	6483.88	77806.56
		Step H	39.2773	3142.18	6808.07	81696.78



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3732A	Interpretive Services Specialist II-A	Step A	30.7050	2456.40	5322.20	63866.40
		Step B	32.2402	2579.22	5588.30	67059.62
		Step C	33.8524	2708.19	5867.75	70412.99
		Step D	35.5448	2843.58	6161.10	73933.18
		Step E	37.3222	2985.78	6469.18	77630.18
		Step F	39.1882	3135.06	6792.62	81511.46
		Step G	41.1477	3291.82	7132.27	85587.22
		Step H	43.2052	3456.42	7488.90	89866.82
7203A	Inventory Control and Supply Technician-A	Step A	24.8872	1990.98	4313.78	51765.38
		Step B	26.1317	2090.54	4529.49	54353.94
		Step C	27.4382	2195.06	4755.95	57071.46
		Step D	28.8101	2304.81	4993.75	59925.01
		Step E	30.2506	2420.05	5243.44	62921.25
		Step F	31.7631	2541.05	5505.60	66067.25
		Step G	33.3512	2668.10	5780.87	69370.50
		Step H	35.0189	2801.51	6069.94	72839.31



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
8951A	Inventory Control and Supply Worker I-A	Step A	20.5681	1645.45	3565.14	42781.65
		Step B	21.5963	1727.70	3743.36	44920.30
		Step C	22.6761	1814.09	3930.52	47166.29
		Step D	23.8100	1904.80	4127.07	49524.80
		Step E	25.0006	2000.05	4333.44	52001.25
		Step F	26.2506	2100.05	4550.10	54601.25
		Step G	27.5631	2205.05	4777.60	57331.25
		Step H	28.9412	2315.30	5016.47	60197.70
8952A	Inventory Control and Supply Worker II-A	Step A	22.6247	1809.98	3921.61	47059.38
		Step B	23.7559	1900.47	4117.69	49412.27
		Step C	24.9438	1995.50	4323.59	51883.10
		Step D	26.1909	2095.27	4539.76	54477.07
		Step E	27.5005	2200.04	4766.75	57201.04
		Step F	28.8756	2310.05	5005.10	60061.25
		Step G	30.3194	2425.55	5255.36	63064.35
		Step H	31.8354	2546.83	5518.14	66217.63



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
5075A	Irrigation Technician-A	Step A	30.6961	2455.69	5320.66	63847.89
		Step B	32.2308	2578.46	5586.67	67040.06
		Step C	33.8424	2707.39	5866.02	70392.19
		Step D	35.5344	2842.75	6159.30	73911.55
		Step E	37.3112	2984.90	6467.27	77607.30
		Step F	39.1765	3134.12	6790.59	81487.12
		Step G	41.1355	3290.84	7130.15	85561.84
		Step H	43.1923	3455.38	7486.67	89839.98
3792A	Junior Engineer-A	Step A	35.4413	2835.30	6143.16	73717.90
		Step B	37.2134	2977.07	6450.32	77403.87
		Step C	39.0742	3125.94	6772.86	81274.34
		Step D	41.0279	3282.23	7111.50	85338.03
		Step E	43.0792	3446.34	7467.06	89604.74
		Step F	45.2331	3618.65	7840.40	94084.85
		Step G	47.4949	3799.59	8232.45	98789.39
		Step H	49.8696	3989.57	8644.06	103728.77



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1134A	Laboratory Analyst I-A	Step A	29.9042	2392.34	5183.39	62200.74
		Step B	31.3994	2511.95	5442.56	65310.75
		Step C	32.9693	2637.54	5714.68	68576.14
		Step D	34.6178	2769.42	6000.42	72005.02
		Step E	36.3487	2907.90	6300.44	75605.30
		Step F	38.1661	3053.29	6615.46	79385.49
		Step G	40.0744	3205.95	6946.23	83354.75
		Step H	42.0782	3366.26	7293.55	87522.66
1135A	Laboratory Analyst II-A	Step A	32.8946	2631.57	5701.73	68420.77
		Step B	34.5393	2763.14	5986.81	71841.74
		Step C	36.2662	2901.30	6286.14	75433.70
		Step D	38.0797	3046.38	6600.48	79205.78
		Step E	39.9836	3198.69	6930.49	83165.89
		Step F	41.9828	3358.62	7277.02	87324.22
		Step G	44.0819	3526.55	7640.86	91690.35
		Step H	46.2860	3702.88	8022.91	96274.88



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4010A	Laboratory Technician I-A	Step A	26.1704	2093.63	4536.20	54434.43
		Step B	27.4790	2198.32	4763.03	57156.32
		Step C	28.8528	2308.22	5001.15	60013.82
		Step D	30.2956	2423.65	5251.24	63014.85
		Step E	31.8104	2544.83	5513.80	66165.63
		Step F	33.4010	2672.08	5789.51	69474.08
		Step G	35.0709	2805.67	6078.96	72947.47
		Step H	36.8247	2945.98	6382.95	76595.38
4020A	Laboratory Technician II-A	Step A	28.7867	2302.94	4989.69	59876.34
		Step B	30.2261	2418.09	5239.19	62870.29
		Step C	31.7375	2539.00	5501.17	66014.00
		Step D	33.3244	2665.95	5776.23	69314.75
		Step E	34.9904	2799.23	6065.00	72780.03
		Step F	36.7401	2939.21	6368.28	76419.41
		Step G	38.5772	3086.18	6686.71	80240.58
		Step H	40.5060	3240.48	7021.04	84252.48



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4151A	Librarian I-A	Step A	29.0017	2320.14	5026.96	60323.54
		Step B	30.4517	2436.14	5278.29	63339.54
		Step C	31.9744	2557.95	5542.23	66506.75
		Step D	33.5733	2685.86	5819.37	69832.46
		Step E	35.2518	2820.14	6110.31	73323.74
		Step F	37.0146	2961.17	6415.86	76990.37
		Step G	38.8650	3109.20	6736.60	80839.20
		Step H	40.8083	3264.66	7073.44	84881.26
4152A	Librarian II-A	Step A	31.9018	2552.14	5529.65	66355.74
		Step B	33.4970	2679.76	5806.15	69673.76
		Step C	35.1717	2813.74	6096.43	73157.14
		Step D	36.9304	2954.43	6401.27	76815.23
		Step E	38.7769	3102.15	6721.33	80655.95
		Step F	40.7159	3257.27	7057.42	84689.07
		Step G	42.7515	3420.12	7410.26	88923.12
		Step H	44.8893	3591.14	7780.81	93369.74



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4200A	Library Assistant I-A	Step A	18.5842	1486.74	3221.26	38655.14
		Step B	19.5136	1561.09	3382.36	40588.29
		Step C	20.4892	1639.14	3551.46	42617.54
		Step D	21.5139	1721.11	3729.08	44748.91
		Step E	22.5895	1807.16	3915.51	46986.16
		Step F	23.7188	1897.50	4111.26	49335.10
		Step G	24.9047	1992.38	4316.81	51801.78
		Step H	26.1500	2092.00	4532.67	54392.00
4210A	Library Assistant II-A	Step A	20.4428	1635.42	3543.42	42521.02
		Step B	21.4649	1717.19	3720.58	44646.99
		Step C	22.5381	1803.05	3906.60	46879.25
		Step D	23.6651	1893.21	4101.95	49223.41
		Step E	24.8484	1987.87	4307.06	51684.67
		Step F	26.0908	2087.26	4522.41	54268.86
		Step G	27.3954	2191.63	4748.54	56982.43
		Step H	28.7651	2301.21	4985.95	59831.41



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4250A	Library Technician-A	Step A	24.8891	1991.13	4314.11	51769.33
		Step B	26.1335	2090.68	4529.81	54357.68
		Step C	27.4402	2195.22	4756.30	57075.62
		Step D	28.8121	2304.97	4994.10	59929.17
		Step E	30.2529	2420.23	5243.84	62926.03
		Step F	31.7654	2541.23	5506.00	66072.03
		Step G	33.3538	2668.30	5781.33	69375.90
		Step H	35.0216	2801.73	6070.41	72844.93
4516A	Marketing and Communication Analyst I-A	Step A	35.1436	2811.49	6091.56	73098.69
		Step B	36.9006	2952.05	6396.10	76753.25
		Step C	38.7457	3099.66	6715.92	80591.06
		Step D	40.6829	3254.63	7051.70	84620.43
		Step E	42.7170	3417.36	7404.28	88851.36
		Step F	44.8529	3588.23	7774.50	93294.03
		Step G	47.0956	3767.65	8163.24	97958.85
		Step H	49.4506	3956.05	8571.44	102857.25



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4517A	Marketing and Communication Analyst II-A	Step A	38.6579	3092.63	6700.70	80408.43
		Step B	40.5906	3247.25	7035.70	84428.45
		Step C	42.6202	3409.62	7387.50	88650.02
		Step D	44.7514	3580.11	7756.91	93082.91
		Step E	46.9888	3759.10	8144.73	97736.70
		Step F	49.3383	3947.06	8551.97	102623.66
		Step G	51.8052	4144.42	8979.57	107754.82
		Step H	54.3955	4351.64	9428.55	113142.64
4500A	Mechanic I-A	Step A	28.0782	2246.26	4866.89	58402.66
		Step B	29.4821	2358.57	5110.23	61322.77
		Step C	30.9563	2476.50	5365.76	64389.10
		Step D	32.5041	2600.33	5634.04	67608.53
		Step E	34.1292	2730.34	5915.73	70988.74
		Step F	35.8357	2866.86	6211.52	74538.26
		Step G	37.6275	3010.20	6522.10	78265.20
		Step H	39.5088	3160.70	6848.19	82178.30



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4501A	Mechanic II-A	Step A	30.8860	2470.88	5353.57	64242.88
		Step B	32.4303	2594.42	5621.25	67455.02
		Step C	34.0519	2724.15	5902.33	70827.95
		Step D	35.7544	2860.35	6197.43	74369.15
		Step E	37.5422	3003.38	6507.31	78087.78
		Step F	39.4195	3153.56	6832.71	81992.56
		Step G	41.3901	3311.21	7174.28	86091.41
		Step H	43.4597	3476.78	7533.01	90396.18
4540A	Meter Reader-A	Step A	23.1109	1848.87	4005.89	48070.67
		Step B	24.2649	1941.19	4205.92	50470.99
		Step C	25.4779	2038.23	4416.17	52994.03
		Step D	26.7519	2140.15	4637.00	55643.95
		Step E	28.0896	2247.17	4868.86	58426.37
		Step F	29.4942	2359.54	5112.33	61347.94
		Step G	30.9689	2477.51	5367.94	64415.31
		Step H	32.5186	2601.49	5636.56	67638.69



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4534A	Meter Service Worker-A	Step A	24.2670	1941.36	4206.28	50475.36
		Step B	25.4800	2038.40	4416.53	52998.40
		Step C	26.7542	2140.34	4637.39	55648.74
		Step D	28.0919	2247.35	4869.26	58431.15
		Step E	29.4966	2359.73	5112.74	61352.93
		Step F	30.9712	2477.70	5368.34	64420.10
		Step G	32.5198	2601.58	5636.77	67641.18
		Step H	34.1459	2731.67	5918.62	71023.47
1121A	Museum Assistant-A	Step A	20.6035	1648.28	3571.27	42855.28
		Step B	21.6338	1730.70	3749.86	44998.30
		Step C	22.7155	1817.24	3937.35	47248.24
		Step D	23.8513	1908.10	4134.23	49610.70
		Step E	25.0436	2003.49	4340.89	52090.69
		Step F	26.2960	2103.68	4557.97	54695.68
		Step G	27.6108	2208.86	4785.87	57430.46
		Step H	28.9913	2319.30	5025.16	60301.90



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
9555A	Natural Resources Specialist I-A	Step A	29.3008	2344.06	5078.81	60945.66
		Step B	30.7657	2461.26	5332.72	63992.66
		Step C	32.3040	2584.32	5599.36	67192.32
		Step D	33.9191	2713.53	5879.31	70551.73
		Step E	35.6152	2849.22	6173.30	74079.62
		Step F	37.3960	2991.68	6481.97	77783.68
		Step G	39.2657	3141.26	6806.05	81672.66
		Step H	41.2290	3298.32	7146.36	85756.32
9545A	Natural Resources Specialist II-A	Step A	32.2308	2578.46	5586.67	67040.06
		Step B	33.8423	2707.38	5866.00	70391.98
		Step C	35.5344	2842.75	6159.30	73911.55
		Step D	37.3112	2984.90	6467.27	77607.30
		Step E	39.1766	3134.13	6790.61	81487.33
		Step F	41.1356	3290.85	7130.17	85562.05
		Step G	43.1923	3455.38	7486.67	89839.98
		Step H	45.3520	3628.16	7861.01	94332.16



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4870A	Natural Resources Worker I-A	Step A	23.1630	1853.04	4014.92	48179.04
		Step B	24.3213	1945.70	4215.69	50588.30
		Step C	25.5375	2043.00	4426.50	53118.00
		Step D	26.8143	2145.14	4647.81	55773.74
		Step E	28.1550	2252.40	4880.20	58562.40
		Step F	29.5628	2365.02	5124.22	61490.62
		Step G	31.0410	2483.28	5380.44	64565.28
		Step H	32.5928	2607.42	5649.42	67793.02
4872A	Natural Resources Worker II-A	Step A	25.4798	2038.38	4416.50	52997.98
		Step B	26.7536	2140.29	4637.29	55647.49
		Step C	28.0913	2247.30	4869.16	58429.90
		Step D	29.4958	2359.66	5112.61	61351.26
		Step E	30.9708	2477.66	5368.27	64419.26
		Step F	32.5193	2601.54	5636.68	67640.14
		Step G	34.1452	2731.62	5918.50	71022.02
		Step H	35.8523	2868.18	6214.40	74572.78



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4956A	Office Assistant I-A	Step A	18.7304	1498.43	3246.60	38959.23
		Step B	19.6673	1573.38	3409.00	40907.98
		Step C	20.6506	1652.05	3579.44	42953.25
		Step D	21.6830	1734.64	3758.39	45100.64
		Step E	22.7674	1821.39	3946.35	47356.19
		Step F	23.9056	1912.45	4143.64	49723.65
		Step G	25.1010	2008.08	4350.84	52210.08
		Step H	26.3557	2108.46	4568.32	54819.86
4957A	Office Assistant II-A	Step A	20.6035	1648.28	3571.27	42855.28
		Step B	21.6338	1730.70	3749.86	44998.30
		Step C	22.7155	1817.24	3937.35	47248.24
		Step D	23.8513	1908.10	4134.23	49610.70
		Step E	25.0436	2003.49	4340.89	52090.69
		Step F	26.2960	2103.68	4557.97	54695.68
		Step G	27.6108	2208.86	4785.87	57430.46
		Step H	28.9913	2319.30	5025.16	60301.90



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1028A	Organics Truck Driver-A	Step A	29.9378	2395.02	5189.22	62270.62
		Step B	31.4345	2514.76	5448.65	65383.76
		Step C	33.0063	2640.50	5721.09	68653.10
		Step D	34.6567	2772.54	6007.16	72085.94
		Step E	36.3896	2911.17	6307.53	75690.37
		Step F	38.2088	3056.70	6622.86	79474.30
		Step G	40.1194	3209.55	6954.03	83448.35
		Step H	42.1256	3370.05	7301.77	87621.25
1160A	Parks Contract Compliance Technician-A	Step A	30.6961	2455.69	5320.66	63847.89
		Step B	32.2308	2578.46	5586.67	67040.06
		Step C	33.8425	2707.40	5866.03	70392.40
		Step D	35.5346	2842.77	6159.33	73911.97
		Step E	37.3113	2984.90	6467.29	77607.50
		Step F	39.1767	3134.14	6790.63	81487.54
		Step G	41.1357	3290.86	7130.19	85562.26
		Step H	43.1925	3455.40	7486.70	89840.40



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1162A	Parks Inspector-A	Step A	31.4635	2517.08	5453.67	65444.08
		Step B	33.0367	2642.94	5726.36	68716.34
		Step C	34.6885	2775.08	6012.67	72152.08
		Step D	36.4230	2913.84	6313.32	75759.84
		Step E	38.2441	3059.53	6628.98	79547.73
		Step F	40.1563	3212.50	6960.43	83525.10
		Step G	42.1641	3373.13	7308.44	87701.33
		Step H	44.2723	3541.78	7673.87	92086.38
5070A	Parks Maintenance Worker I-A	Step A	22.0602	1764.82	3823.77	45885.22
		Step B	23.1634	1853.07	4014.99	48179.87
		Step C	24.3213	1945.70	4215.69	50588.30
		Step D	25.5376	2043.01	4426.52	53118.21
		Step E	26.8141	2145.13	4647.78	55773.33
		Step F	28.1548	2252.38	4880.17	58561.98
		Step G	29.5628	2365.02	5124.22	61490.62
		Step H	31.0410	2483.28	5380.44	64565.28



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5080A	Parks Maintenance Worker II-A	Step A	24.2663	1941.30	4206.16	50473.90
		Step B	25.4798	2038.38	4416.50	52997.98
		Step C	26.7534	2140.27	4637.26	55647.07
		Step D	28.0912	2247.30	4869.14	58429.70
		Step E	29.4957	2359.66	5112.59	61351.06
		Step F	30.9711	2477.69	5368.32	64419.89
		Step G	32.5193	2601.54	5636.68	67640.14
		Step H	34.1452	2731.62	5918.50	71022.02
1161A	Parks Maintenance and Construction Technician-A	Step A	30.6961	2455.69	5320.66	63847.89
		Step B	32.2308	2578.46	5586.67	67040.06
		Step C	33.8425	2707.40	5866.03	70392.40
		Step D	35.5346	2842.77	6159.33	73911.97
		Step E	37.3113	2984.90	6467.29	77607.50
		Step F	39.1767	3134.14	6790.63	81487.54
		Step G	41.1357	3290.86	7130.19	85562.26
		Step H	43.1925	3455.40	7486.70	89840.40



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
5045A	Parks Recreation and Libraries Technician-A	Step A	28.4086	2272.69	4924.16	59089.89
		Step B	29.8289	2386.31	5170.34	62044.11
		Step C	31.3205	2505.64	5428.89	65146.64
		Step D	32.8864	2630.91	5700.31	68403.71
		Step E	34.5309	2762.47	5985.36	71824.27
		Step F	36.2573	2900.58	6284.60	75415.18
		Step G	38.0701	3045.61	6598.82	79185.81
		Step H	39.9737	3197.90	6928.77	83145.30
9548A	Passport Agent-A	Step A	20.6040	1648.32	3571.36	42856.32
		Step B	21.6341	1730.73	3749.91	44998.93
		Step C	22.7159	1817.27	3937.42	47249.07
		Step D	23.8516	1908.13	4134.28	49611.33
		Step E	25.0443	2003.54	4341.01	52092.14
		Step F	26.2965	2103.72	4558.06	54696.72
		Step G	27.6111	2208.89	4785.92	57431.09
		Step H	28.9917	2319.34	5025.23	60302.74



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5277A	Permit Technician I-A	Step A	25.8258	2066.06	4476.47	53717.66
		Step B	27.1171	2169.37	4700.30	56403.57
		Step C	28.4729	2277.83	4935.30	59223.63
		Step D	29.8967	2391.74	5182.09	62185.14
		Step E	31.3917	2511.34	5441.23	65294.74
		Step F	32.9612	2636.90	5713.27	68559.30
		Step G	34.6091	2768.73	5998.91	71986.93
		Step H	36.3396	2907.17	6298.86	75586.37
5279A	Permit Technician II-A	Step A	28.4083	2272.66	4924.11	59089.26
		Step B	29.8289	2386.31	5170.34	62044.11
		Step C	31.3203	2505.62	5428.85	65146.22
		Step D	32.8864	2630.91	5700.31	68403.71
		Step E	34.5306	2762.45	5985.30	71823.65
		Step F	36.2573	2900.58	6284.60	75415.18
		Step G	38.0701	3045.61	6598.82	79185.81
		Step H	39.9737	3197.90	6928.77	83145.30



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
5560A	Project Coordinator-A	Step A	36.3133	2905.06	6294.31	75531.66
		Step B	38.1290	3050.32	6609.03	79308.32
		Step C	40.0353	3202.82	6939.45	83273.42
		Step D	42.0371	3362.97	7286.43	87437.17
		Step E	44.1389	3531.11	7650.74	91808.91
		Step F	46.3460	3707.68	8033.31	96399.68
		Step G	48.6633	3893.06	8434.97	101219.66
		Step H	51.0964	4087.71	8856.71	106280.51
9556A	Recreation Coordinator I-A	Step A	27.9135	2233.08	4838.34	58060.08
		Step B	29.3094	2344.75	5080.30	60963.55
		Step C	30.7748	2461.98	5334.30	64011.58
		Step D	32.3136	2585.09	5601.02	67212.29
		Step E	33.9292	2714.34	5881.06	70572.74
		Step F	35.6257	2850.06	6175.12	74101.46
		Step G	37.4070	2992.56	6483.88	77806.56
		Step H	39.2773	3142.18	6808.07	81696.78



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
9543A	Recreation Coordinator II-A	Step A	30.7050	2456.40	5322.20	63866.40
		Step B	32.2402	2579.22	5588.30	67059.62
		Step C	33.8523	2708.18	5867.73	70412.78
		Step D	35.5448	2843.58	6161.10	73933.18
		Step E	37.3222	2985.78	6469.18	77630.18
		Step F	39.1882	3135.06	6792.62	81511.46
		Step G	41.1477	3291.82	7132.27	85587.22
		Step H	43.2052	3456.42	7488.90	89866.82
8304A	Recreation Leader-A	Step A	20.6035	1648.28	3571.27	42855.28
		Step B	21.6338	1730.70	3749.86	44998.30
		Step C	22.7155	1817.24	3937.35	47248.24
		Step D	23.8513	1908.10	4134.23	49610.70
		Step E	25.0436	2003.49	4340.89	52090.69
		Step F	26.2960	2103.68	4557.97	54695.68
		Step G	27.6108	2208.86	4785.87	57430.46
		Step H	28.9913	2319.30	5025.16	60301.90



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6150A	Recycling and Organics Coordinator-A	Step A	34.5492	2763.94	5988.53	71862.34
		Step B	36.2765	2902.12	6287.93	75455.12
		Step C	38.0903	3047.22	6602.32	79227.82
		Step D	39.9949	3199.59	6932.45	83189.39
		Step E	41.9946	3359.57	7279.06	87348.77
		Step F	44.0943	3527.54	7643.01	91716.14
		Step G	46.2991	3703.93	8025.18	96302.13
		Step H	48.6140	3889.12	8426.43	101117.12
6225A	Refuse Maintenance Worker I-A	Step A	21.4216	1713.73	3713.08	44556.93
		Step B	22.4925	1799.40	3898.70	46784.40
		Step C	23.6173	1889.38	4093.67	49123.98
		Step D	24.7980	1983.84	4298.32	51579.84
		Step E	26.0382	2083.06	4513.29	54159.46
		Step F	27.3399	2187.19	4738.92	56866.99
		Step G	28.7070	2296.56	4975.88	59710.56
		Step H	30.1423	2411.38	5224.67	62695.98



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
6226A	Refuse Maintenance Worker II-A	Step A	23.5641	1885.13	4084.44	49013.33
		Step B	24.7418	1979.34	4288.58	51462.94
		Step C	25.9790	2078.32	4503.03	54036.32
		Step D	27.2780	2182.24	4728.19	56738.24
		Step E	28.6421	2291.37	4964.63	59575.57
		Step F	30.0740	2405.92	5212.83	62553.92
		Step G	31.5776	2526.21	5473.45	65681.41
		Step H	33.1567	2652.54	5747.16	68965.94
6302A	Refuse Truck Driver I-A	Step A	25.9187	2073.50	4492.57	53910.90
		Step B	27.2145	2177.16	4717.18	56606.16
		Step C	28.5753	2286.02	4953.05	59436.62
		Step D	30.0040	2400.32	5200.69	62408.32
		Step E	31.5043	2520.34	5460.75	65528.94
		Step F	33.0794	2646.35	5733.76	68805.15
		Step G	34.7334	2778.67	6020.46	72245.47
		Step H	36.4701	2917.61	6321.48	75857.81



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
6304A	Refuse Truck Driver II-A	Step A	28.5121	2280.97	4942.10	59305.17
		Step B	29.9378	2395.02	5189.22	62270.62
		Step C	31.4345	2514.76	5448.65	65383.76
		Step D	33.0063	2640.50	5721.09	68653.10
		Step E	34.6567	2772.54	6007.16	72085.94
		Step F	36.3896	2911.17	6307.53	75690.37
		Step G	38.2089	3056.71	6622.88	79474.51
		Step H	40.1194	3209.55	6954.03	83448.35
1088A	Security Analyst I-A	Step A	38.5474	3083.79	6681.55	80178.59
		Step B	40.4748	3237.98	7015.63	84187.58
		Step C	42.4986	3399.89	7366.42	88397.09
		Step D	44.6234	3569.87	7734.72	92816.67
		Step E	46.8546	3748.37	8121.46	97457.57
		Step F	49.1972	3935.78	8527.51	102330.18
		Step G	51.6571	4132.57	8953.90	107446.77
		Step H	54.2400	4339.20	9401.60	112819.20



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1089A	Security Analyst II-A	Step A	42.4021	3392.17	7349.70	88196.37
		Step B	44.5222	3561.78	7717.18	92606.18
		Step C	46.7483	3739.86	8103.04	97236.46
		Step D	49.0858	3926.86	8508.21	102098.46
		Step E	51.5401	4123.21	8933.62	107203.41
		Step F	54.1170	4329.36	9380.28	112563.36
		Step G	56.8229	4545.83	9849.30	118191.63
		Step H	59.6641	4773.13	10341.78	124101.33
1090A	Security Architect-A	Step A	44.5222	3561.78	7717.18	92606.18
		Step B	46.7483	3739.86	8103.04	97236.46
		Step C	49.0858	3926.86	8508.21	102098.46
		Step D	51.5401	4123.21	8933.62	107203.41
		Step E	54.1170	4329.36	9380.28	112563.36
		Step F	56.8229	4545.83	9849.30	118191.63
		Step G	59.6641	4773.13	10341.78	124101.33
		Step H	62.6472	5011.78	10858.85	130306.18



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Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	39.0700	3125.60	6772.13	81265.60
Step B	41.0236	3281.89	7110.76	85329.09
Step C	43.0746	3445.97	7466.26	89595.17
Step D	45.2282	3618.26	7839.55	94074.66
Step E	47.4900	3799.20	8231.60	98779.20
Step F	49.8643	3989.14	8643.15	103717.74
Step G	52.3576	4188.61	9075.32	108903.81
Step H	54.9754	4398.03	9529.07	114348.83
Step A	39.2582	3140.66	6804.75	81657.06
Step B	41.2212	3297.70	7145.01	85740.10
Step C	43.2824	3462.59	7502.28	90027.39
Step D	45.4463	3635.70	7877.36	94528.30
Step E	47.7187	3817.50	8271.24	99254.90
Step F	50.1047	4008.38	8684.81	104217.78
Step G	52.6099	4208.79	9119.05	109428.59
Step H	55.2402	4419.22	9574.97	114899.62

1051A Senior Accountant-A

7117A Senior Building Inspector-A



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7119A	Senior Building Maintenance Worker-A	Step A	31.6797	2534.38	5491.15	65893.78
		Step B	33.2637	2661.10	5765.71	69188.50
		Step C	34.9269	2794.15	6054.00	72647.95
		Step D	36.6732	2933.86	6356.69	76280.26
		Step E	38.5069	3080.55	6674.53	80094.35
		Step F	40.4323	3234.58	7008.27	84099.18
		Step G	42.4537	3396.30	7358.64	88303.70
		Step H	44.5766	3566.13	7726.61	92719.33
7195A	Senior Building Plans Examiner-A	Step A	40.0761	3206.09	6946.52	83358.29
		Step B	42.0797	3366.38	7293.81	87525.78
		Step C	44.1838	3534.70	7658.53	91902.30
		Step D	46.3929	3711.43	8041.44	96497.23
		Step E	48.7125	3897.00	8443.50	101322.00
		Step F	51.1482	4091.86	8865.69	106388.26
		Step G	53.7058	4296.46	9309.01	111708.06
		Step H	56.3910	4511.28	9774.44	117293.28



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7139A	Senior Buyer-A	Step A	35.5175	2841.40	6156.37	73876.40
		Step B	37.2932	2983.46	6464.15	77569.86
		Step C	39.1578	3132.62	6787.35	81448.22
		Step D	41.1157	3289.26	7126.72	85520.66
		Step E	43.1715	3453.72	7483.06	89796.72
		Step F	45.3301	3626.41	7857.22	94286.61
		Step G	47.5966	3807.73	8250.08	99000.93
		Step H	49.9764	3998.11	8662.58	103950.91
7134A	Senior Code Enforcement Inspector-A	Step A	33.0618	2644.94	5730.71	68768.54
		Step B	34.7148	2777.18	6017.23	72206.78
		Step C	36.4507	2916.06	6318.12	75817.46
		Step D	38.2730	3061.84	6633.99	79607.84
		Step E	40.1868	3214.94	6965.71	83588.54
		Step F	42.1962	3375.70	7314.01	87768.10
		Step G	44.3060	3544.48	7679.71	92156.48
		Step H	46.5212	3721.70	8063.67	96764.10



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7121A	Senior Construction Inspector-A	Step A	36.3133	2905.06	6294.31	75531.66
		Step B	38.1290	3050.32	6609.03	79308.32
		Step C	40.0353	3202.82	6939.45	83273.42
		Step D	42.0371	3362.97	7286.43	87437.17
		Step E	44.1389	3531.11	7650.74	91808.91
		Step F	46.3460	3707.68	8033.31	96399.68
		Step G	48.6633	3893.06	8434.97	101219.66
		Step H	51.0964	4087.71	8856.71	106280.51
7144A	Senior Custodian-A	Step A	21.8015	1744.12	3778.93	45347.12
		Step B	22.8915	1831.32	3967.86	47614.32
		Step C	24.0359	1922.87	4166.22	49994.67
		Step D	25.2378	2019.02	4374.55	52494.62
		Step E	26.4995	2119.96	4593.25	55118.96
		Step F	27.8248	2225.98	4822.97	57875.58
		Step G	29.2160	2337.28	5064.11	60769.28
		Step H	30.6768	2454.14	5317.31	63807.74



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7162A	Senior Engineering Technician-A	Step A	33.4070	2672.56	5790.55	69486.56
		Step B	35.0774	2806.19	6080.08	72960.99
		Step C	36.8312	2946.50	6384.07	76608.90
		Step D	38.6727	3093.82	6703.27	80439.22
		Step E	40.6064	3248.51	7038.44	84461.31
		Step F	42.6368	3410.94	7390.38	88684.54
		Step G	44.7687	3581.50	7759.91	93118.90
		Step H	47.0072	3760.58	8147.91	97774.98
7146A	Senior Finance Clerk-A	Step A	25.5101	2040.81	4421.75	53061.01
		Step B	26.7856	2142.85	4642.84	55714.05
		Step C	28.1247	2249.98	4874.95	58499.38
		Step D	29.5310	2362.48	5118.71	61424.48
		Step E	31.0075	2480.60	5374.63	64495.60
		Step F	32.5581	2604.65	5643.40	67720.85
		Step G	34.1858	2734.86	5925.54	71106.46
		Step H	35.8951	2871.61	6221.82	74661.81



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7147A	Senior Finance Technician-A	Step A	29.2187	2337.50	5064.57	60774.90
		Step B	30.6797	2454.38	5317.81	63813.78
		Step C	32.2136	2577.09	5583.69	67004.29
		Step D	33.8243	2705.94	5862.88	70354.54
		Step E	35.5156	2841.25	6156.04	73872.45
		Step F	37.2913	2983.30	6463.83	77565.90
		Step G	39.1560	3132.48	6787.04	81444.48
		Step H	41.1138	3289.10	7126.39	85516.70
7148A	Senior Housing Technician-A	Step A	31.1742	2493.94	5403.53	64842.34
		Step B	32.7330	2618.64	5673.72	68084.64
		Step C	34.3696	2749.57	5957.40	71488.77
		Step D	36.0881	2887.05	6255.27	75063.25
		Step E	37.8925	3031.40	6568.03	78816.40
		Step F	39.7870	3182.96	6896.41	82756.96
		Step G	41.7765	3342.12	7241.26	86895.12
		Step H	43.8652	3509.22	7603.30	91239.62



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7149A	Senior Information Technology Technician-A	Step A	34.4210	2753.68	5966.31	71595.68
		Step B	36.1420	2891.36	6264.61	75175.36
		Step C	37.9492	3035.94	6577.86	78934.34
		Step D	39.8466	3187.73	6906.74	82880.93
		Step E	41.8391	3347.13	7252.11	87025.33
		Step F	43.9310	3514.48	7614.71	91376.48
		Step G	46.1276	3690.21	7995.45	95945.41
		Step H	48.4340	3874.72	8395.23	100742.72
3733A	Senior Interpretive Services Specialist-A	Step A	33.7767	2702.14	5854.63	70255.54
		Step B	35.4655	2837.24	6147.35	73768.24
		Step C	37.2387	2979.10	6454.71	77456.50
		Step D	39.1008	3128.06	6777.47	81329.66
		Step E	41.0557	3284.46	7116.32	85395.86
		Step F	43.1087	3448.70	7472.17	89666.10
		Step G	45.2639	3621.11	7845.74	94148.91
		Step H	47.5272	3802.18	8238.05	98856.58



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1133A	Senior Laboratory Analyst-A	Step A	36.1840	2894.72	6271.89	75262.72
		Step B	37.9933	3039.46	6585.51	79026.06
		Step C	39.8929	3191.43	6914.77	82977.23
		Step D	41.8875	3351.00	7260.50	87126.00
		Step E	43.9819	3518.55	7623.53	91482.35
		Step F	46.1811	3694.49	8004.72	96056.69
		Step G	48.4901	3879.21	8404.95	100859.41
		Step H	50.9146	4073.17	8825.20	105902.37
7189A	Senior Mechanic-A	Step A	33.9747	2717.98	5888.95	70667.38
		Step B	35.6734	2853.87	6183.39	74200.67
		Step C	37.4570	2996.56	6492.55	77910.56
		Step D	39.3299	3146.39	6817.18	81806.19
		Step E	41.2963	3303.70	7158.03	85896.30
		Step F	43.3613	3468.90	7515.96	90191.50
		Step G	45.5293	3642.34	7891.75	94700.94
		Step H	47.8057	3824.46	8286.32	99435.86



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7200A	Senior Meter Service Worker-A	Step A	26.6938	2135.50	4626.93	55523.10
		Step B	28.0284	2242.27	4858.26	58299.07
		Step C	29.4295	2354.36	5101.11	61213.36
		Step D	30.9014	2472.11	5356.24	64274.91
		Step E	32.4463	2595.70	5624.03	67488.30
		Step F	34.0687	2725.50	5905.24	70862.90
		Step G	35.7720	2861.76	6200.48	74405.76
		Step H	37.5607	3004.86	6510.52	78126.26
7154A	Senior Natural Resources Worker-A	Step A	28.0267	2242.14	4857.96	58295.54
		Step B	29.4279	2354.23	5100.84	61210.03
		Step C	30.8995	2471.96	5355.91	64270.96
		Step D	32.4443	2595.54	5623.68	67484.14
		Step E	34.0667	2725.34	5904.89	70858.74
		Step F	35.7700	2861.60	6200.13	74401.60
		Step G	37.5585	3004.68	6510.14	78121.68
		Step H	39.4364	3154.91	6835.64	82027.71



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7192A	Senior Parks Maintenance Worker-A	Step A	26.6918	2135.34	4626.58	55518.94
		Step B	28.0267	2242.14	4857.96	58295.54
		Step C	29.4279	2354.23	5100.84	61210.03
		Step D	30.8998	2471.98	5355.97	64271.58
		Step E	32.4443	2595.54	5623.68	67484.14
		Step F	34.0667	2725.34	5904.89	70858.74
		Step G	35.7698	2861.58	6200.10	74401.18
		Step H	37.5587	3004.70	6510.17	78122.10
1502A	Senior Permits Technician-A	Step A	31.2494	2499.95	5416.56	64998.75
		Step B	32.8118	2624.94	5687.38	68248.54
		Step C	34.4524	2756.19	5971.75	71660.99
		Step D	36.1750	2894.00	6270.33	75244.00
		Step E	37.9837	3038.70	6583.84	79006.10
		Step F	39.8829	3190.63	6913.04	82956.43
		Step G	41.8770	3350.16	7258.68	87104.16
		Step H	43.9709	3517.67	7621.62	91459.47



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7129A	Senior Refuse Truck Driver-A	Step A	31.3614	2508.91	5435.98	65231.71
		Step B	32.9294	2634.35	5707.76	68493.15
		Step C	34.5759	2766.07	5993.16	71917.87
		Step D	36.3047	2904.38	6292.81	75513.78
		Step E	38.1200	3049.60	6607.47	79289.60
		Step F	40.0258	3202.06	6937.81	83253.66
		Step G	42.0272	3362.18	7284.71	87416.58
		Step H	44.1286	3530.29	7648.96	91787.49
1279A	Senior Solid Waste Billing Technician-A	Step A	29.2192	2337.54	5064.66	60775.94
		Step B	30.6801	2454.41	5317.88	63814.61
		Step C	32.2141	2577.13	5583.78	67005.33
		Step D	33.8248	2705.98	5862.97	70355.58
		Step E	35.5160	2841.28	6156.11	73873.28
		Step F	37.2921	2983.37	6463.96	77567.57
		Step G	39.1567	3132.54	6787.16	81445.94
		Step H	41.1144	3289.15	7126.50	85517.95



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7187A	Senior Street Maintenance Worker-A	Step A	29.8710	2389.68	5177.64	62131.68
		Step B	31.3647	2509.18	5436.55	65238.58
		Step C	32.9329	2634.63	5708.37	68500.43
		Step D	34.5796	2766.37	5993.80	71925.57
		Step E	36.3088	2904.70	6293.53	75522.30
		Step F	38.1241	3049.93	6608.18	79298.13
		Step G	40.0301	3202.41	6938.55	83262.61
		Step H	42.0318	3362.54	7285.51	87426.14
7201A	Senior Tree Trimmer-A	Step A	28.0275	2242.20	4858.10	58297.20
		Step B	29.4290	2354.32	5101.03	61212.32
		Step C	30.9003	2472.02	5356.05	64272.62
		Step D	32.4456	2595.65	5623.90	67486.85
		Step E	34.0677	2725.42	5905.07	70860.82
		Step F	35.7713	2861.70	6200.36	74404.30
		Step G	37.5595	3004.76	6510.31	78123.76
		Step H	39.4377	3155.02	6835.87	82030.42



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1103A	Senior Utility Customer Service Field Representative-A	Step A	33.2320	2658.56	5760.21	69122.56
		Step B	34.8938	2791.50	6048.26	72579.10
		Step C	36.6383	2931.06	6350.64	76207.66
		Step D	38.4703	3077.62	6668.19	80018.22
		Step E	40.3938	3231.50	7001.59	84019.10
		Step F	42.4134	3393.07	7351.66	88219.87
		Step G	44.5342	3562.74	7719.26	92631.14
		Step H	46.7608	3740.86	8105.21	97262.46
1044A	Senior Utility Customer Service Specialist-A	Step A	28.8974	2311.79	5008.88	60106.59
		Step B	30.3425	2427.40	5259.37	63112.40
		Step C	31.8596	2548.77	5522.33	66267.97
		Step D	33.4525	2676.20	5798.43	69581.20
		Step E	35.1250	2810.00	6088.33	73060.00
		Step F	36.8814	2950.51	6392.78	76713.31
		Step G	38.7254	3098.03	6712.40	80548.83
		Step H	40.6618	3252.94	7048.05	84576.54



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7324A	Solid Waste Billing Technician-A	Step A	26.5624	2124.99	4604.15	55249.79
		Step B	27.8906	2231.25	4834.37	58012.45
		Step C	29.2853	2342.82	5076.12	60913.42
		Step D	30.7495	2459.96	5329.91	63958.96
		Step E	32.2868	2582.94	5596.38	67156.54
		Step F	33.9014	2712.11	5876.24	70514.91
		Step G	35.5963	2847.70	6170.03	74040.30
		Step H	37.3762	2990.10	6478.54	77742.50
7525A	Street Maintenance Worker I-A	Step A	24.6869	1974.95	4279.06	51348.75
		Step B	25.9211	2073.69	4492.99	53915.89
		Step C	27.2174	2177.39	4717.68	56612.19
		Step D	28.5780	2286.24	4953.52	59442.24
		Step E	30.0070	2400.56	5201.21	62414.56
		Step F	31.5074	2520.59	5461.28	65535.39
		Step G	33.0829	2646.63	5734.37	68812.43
		Step H	34.7368	2778.94	6021.05	72252.54



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7530A	Street Maintenance Worker II-A	Step A	27.1554	2172.43	4706.94	56483.23
		Step B	28.5133	2281.06	4942.31	59307.66
		Step C	29.9390	2395.12	5189.43	62273.12
		Step D	31.4359	2514.87	5448.89	65386.67
		Step E	33.0079	2640.63	5721.37	68656.43
		Step F	34.6582	2772.66	6007.42	72089.06
		Step G	36.3912	2911.30	6307.81	75693.70
		Step H	38.2107	3056.86	6623.19	79478.26
7540A	Street Sweeper Operator-A	Step A	28.5133	2281.06	4942.31	59307.66
		Step B	29.9390	2395.12	5189.43	62273.12
		Step C	31.4359	2514.87	5448.89	65386.67
		Step D	33.0079	2640.63	5721.37	68656.43
		Step E	34.6582	2772.66	6007.42	72089.06
		Step F	36.3912	2911.30	6307.81	75693.70
		Step G	38.2107	3056.86	6623.19	79478.26
		Step H	40.1211	3209.69	6954.32	83451.89



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1091A	Systems Architect-A	Step A	42.4021	3392.17	7349.70	88196.37
		Step B	44.5222	3561.78	7717.18	92606.18
		Step C	46.7483	3739.86	8103.04	97236.46
		Step D	49.0858	3926.86	8508.21	102098.46
		Step E	51.5401	4123.21	8933.62	107203.41
		Step F	54.1170	4329.36	9380.28	112563.36
		Step G	56.8229	4545.83	9849.30	118191.63
		Step H	59.6641	4773.13	10341.78	124101.33
1052A	Transportation Grants Analyst-A	Step A	38.8086	3104.69	6726.82	80721.89
		Step B	40.7490	3259.92	7063.16	84757.92
		Step C	42.7865	3422.92	7416.33	88995.92
		Step D	44.9258	3594.06	7787.14	93445.66
		Step E	47.1720	3773.76	8176.48	98117.76
		Step F	49.5307	3962.46	8585.32	103023.86
		Step G	52.0073	4160.58	9014.60	108175.18
		Step H	54.6075	4368.60	9465.30	113583.60



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1112A	Transportation Technician I-A	Step A	25.7639	2061.11	4465.74	53588.91
		Step B	27.0519	2164.15	4689.00	56267.95
		Step C	28.4046	2272.37	4923.46	59081.57
		Step D	29.8246	2385.97	5169.60	62035.17
		Step E	31.3160	2505.28	5428.11	65137.28
		Step F	32.8818	2630.54	5699.51	68394.14
		Step G	34.5259	2762.07	5984.49	71813.87
		Step H	36.2522	2900.18	6283.71	75404.58
1111A	Transportation Technician II-A	Step A	28.3401	2267.21	4912.28	58947.41
		Step B	29.7572	2380.58	5157.91	61894.98
		Step C	31.2451	2499.61	5415.82	64989.81
		Step D	32.8073	2624.58	5686.60	68239.18
		Step E	34.4477	2755.82	5970.93	71651.22
		Step F	36.1701	2893.61	6269.48	75233.81
		Step G	37.9786	3038.29	6582.96	78995.49
		Step H	39.8774	3190.19	6912.08	82944.99



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1503A	Tree Trimmer I-A	Step A	23.1630	1853.04	4014.92	48179.04
		Step B	24.3212	1945.70	4215.67	50588.10
		Step C	25.5373	2042.98	4426.47	53117.58
		Step D	26.8141	2145.13	4647.78	55773.33
		Step E	28.1548	2252.38	4880.17	58561.98
		Step F	29.5627	2365.02	5124.20	61490.42
		Step G	31.0408	2483.26	5380.41	64564.86
		Step H	32.5927	2607.42	5649.40	67792.82
1504A	Tree Trimmer II-A	Step A	25.4797	2038.38	4416.48	52997.78
		Step B	26.7533	2140.26	4637.24	55646.86
		Step C	28.0912	2247.30	4869.14	58429.70
		Step D	29.4956	2359.65	5112.57	61350.85
		Step E	30.9706	2477.65	5368.24	64418.85
		Step F	32.5192	2601.54	5636.66	67639.94
		Step G	34.1451	2731.61	5918.48	71021.81
		Step H	35.8520	2868.16	6214.35	74572.16



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1107A	Turf and Sports Field Technician-A	Step A	30.6961	2455.69	5320.66	63847.89
		Step B	32.2308	2578.46	5586.67	67040.06
		Step C	33.8424	2707.39	5866.02	70392.19
		Step D	35.5344	2842.75	6159.30	73911.55
		Step E	37.3112	2984.90	6467.27	77607.30
		Step F	39.1765	3134.12	6790.59	81487.12
		Step G	41.1355	3290.84	7130.15	85561.84
		Step H	43.1923	3455.38	7486.67	89839.98
3314A	Utility Billing Analyst I-A	Step A	37.1329	2970.63	6436.37	77236.43
		Step B	38.9895	3119.16	6758.18	81098.16
		Step C	40.9389	3275.11	7096.08	85152.91
		Step D	42.9859	3438.87	7450.89	89410.67
		Step E	45.1352	3610.82	7823.43	93881.22
		Step F	47.3919	3791.35	8214.60	98575.15
		Step G	49.7615	3980.92	8625.33	103503.92
		Step H	52.2497	4179.98	9056.61	108679.38



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
3315A	Utility Billing Analyst II-A	Step A	40.8461	3267.69	7079.99	84959.89
		Step B	42.8885	3431.08	7434.01	89208.08
		Step C	45.0329	3602.63	7805.70	93668.43
		Step D	47.2845	3782.76	8195.98	98351.76
		Step E	49.6487	3971.90	8605.77	103269.30
		Step F	52.1312	4170.50	9036.07	108432.90
		Step G	54.7377	4379.02	9487.87	113854.42
		Step H	57.4746	4597.97	9962.26	119547.17
1105A	Utility Customer Service Field Representative I-A	Step A	27.4646	2197.17	4760.53	57126.37
		Step B	28.8378	2307.02	4998.55	59982.62
		Step C	30.2796	2422.37	5248.46	62981.57
		Step D	31.7936	2543.49	5510.89	66130.69
		Step E	33.3832	2670.66	5786.42	69437.06
		Step F	35.0524	2804.19	6075.75	72908.99
		Step G	36.8051	2944.41	6379.55	76554.61
		Step H	38.6453	3091.62	6698.52	80382.22



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1104A	Utility Customer Service Field Representative II-A	Step A	30.2110	2416.88	5236.57	62838.88
		Step B	31.7216	2537.73	5498.41	65980.93
		Step C	33.3076	2664.61	5773.32	69279.81
		Step D	34.9730	2797.84	6061.99	72743.84
		Step E	36.7215	2937.72	6365.06	76380.72
		Step F	38.5577	3084.62	6683.33	80200.02
		Step G	40.4856	3238.85	7017.50	84210.05
		Step H	42.5098	3400.78	7368.37	88420.38
1050A	Utility Customer Service Representative I-A	Step A	20.7671	1661.37	3599.63	43195.57
		Step B	21.8054	1744.43	3779.60	45355.23
		Step C	22.8958	1831.66	3968.61	47623.26
		Step D	24.0406	1923.25	4167.04	50004.45
		Step E	25.2425	2019.40	4375.37	52504.40
		Step F	26.5049	2120.39	4594.18	55130.19
		Step G	27.8300	2226.40	4823.87	57886.40
		Step H	29.2214	2337.71	5065.04	60780.51



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		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1049A	Utility Customer Service Representative II-A	Step A	22.8439	1827.51	3959.61	47515.31
		Step B	23.9860	1918.88	4157.57	49890.88
		Step C	25.1854	2014.83	4365.47	52385.63
		Step D	26.4446	2115.57	4583.73	55004.77
		Step E	27.7669	2221.35	4812.93	57755.15
		Step F	29.1552	2332.42	5053.57	60642.82
		Step G	30.6130	2449.04	5306.25	63675.04
		Step H	32.1436	2571.49	5571.56	66858.69
1048A	Utility Customer Service Specialist I-A	Step A	23.8822	1910.58	4139.58	49674.98
		Step B	25.0763	2006.10	4346.56	52158.70
		Step C	26.3302	2106.42	4563.90	54766.82
		Step D	27.6466	2211.73	4792.08	57504.93
		Step E	29.0290	2322.32	5031.69	60380.32
		Step F	30.4805	2438.44	5283.29	63399.44
		Step G	32.0045	2560.36	5547.45	66569.36
		Step H	33.6046	2688.37	5824.80	69897.57



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1046A	Utility Customer Service Specialist II-A	Step A	26.2704	2101.63	4553.54	54642.43
		Step B	27.5840	2206.72	4781.23	57374.72
		Step C	28.9632	2317.06	5020.29	60243.46
		Step D	30.4113	2432.90	5271.29	63255.50
		Step E	31.9318	2554.54	5534.85	66418.14
		Step F	33.5284	2682.27	5811.59	69739.07
		Step G	35.2050	2816.40	6102.20	73226.40
		Step H	36.9652	2957.22	6407.30	76887.62
8940A	Vehicle Maintenance Servicewriter-A	Step A	33.9747	2717.98	5888.95	70667.38
		Step B	35.6734	2853.87	6183.39	74200.67
		Step C	37.4570	2996.56	6492.55	77910.56
		Step D	39.3299	3146.39	6817.18	81806.19
		Step E	41.2963	3303.70	7158.03	85896.30
		Step F	43.3613	3468.90	7515.96	90191.50
		Step G	45.5293	3642.34	7891.75	94700.94
		Step H	47.8057	3824.46	8286.32	99435.86



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Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
8426A	Video and Multimedia Technician-A	Step A	31.9495	2555.96	5537.91	66454.96
		Step B	33.5468	2683.74	5814.78	69777.34
		Step C	35.2244	2817.95	6105.56	73266.75
		Step D	36.9855	2958.84	6410.82	76929.84
		Step E	38.8348	3106.78	6731.37	80776.38
		Step F	40.7767	3262.14	7067.96	84815.54
		Step G	42.8154	3425.23	7421.34	89056.03
		Step H	44.9562	3596.50	7792.41	93508.90
1098A	Waste Services Clerk I-A	Step A	21.0826	1686.61	3654.32	43851.81
		Step B	22.1367	1770.94	3837.03	46044.34
		Step C	23.2435	1859.48	4028.87	48346.48
		Step D	24.4059	1952.47	4230.36	50764.27
		Step E	25.6260	2050.08	4441.84	53302.08
		Step F	26.9075	2152.60	4663.97	55967.60
		Step G	28.2527	2260.22	4897.13	58765.62
		Step H	29.6654	2373.23	5142.00	61704.03



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Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1099A	Waste Services Clerk II-A	Step A	23.1909	1855.27	4019.76	48237.07
		Step B	24.3505	1948.04	4220.75	50649.04
		Step C	25.5679	2045.43	4431.77	53181.23
		Step D	26.8464	2147.71	4653.38	55840.51
		Step E	28.1887	2255.10	4886.04	58632.50
		Step F	29.5981	2367.85	5130.34	61564.05
		Step G	31.0779	2486.23	5386.84	64642.03
		Step H	32.6318	2610.54	5656.18	67874.14
1128A	Waste Services Field Enforcement Inspector-A	Step A	32.9295	2634.36	5707.78	68493.36
		Step B	34.5759	2766.07	5993.16	71917.87
		Step C	36.3047	2904.38	6292.81	75513.78
		Step D	38.1200	3049.60	6607.47	79289.60
		Step E	40.0259	3202.07	6937.82	83253.87
		Step F	42.0273	3362.18	7284.73	87416.78
		Step G	44.1286	3530.29	7648.96	91787.49
		Step H	46.3350	3706.80	8031.40	96376.80



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Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
9000A	Wastewater Treatment Plant Operator Grade I-A	Step A	29.6275	2370.20	5135.43	61625.20
		Step B	31.1090	2488.72	5392.23	64706.72
		Step C	32.6643	2613.14	5661.81	67941.74
		Step D	34.2974	2743.79	5944.88	71338.59
		Step E	36.0122	2880.98	6242.11	74905.38
		Step F	37.8129	3025.03	6554.24	78650.83
		Step G	39.7037	3176.30	6881.97	82583.70
		Step H	41.6888	3335.10	7226.06	86712.70
9010A	Wastewater Treatment Plant Operator Grade II-A	Step A	32.6931	2615.45	5666.80	68001.65
		Step B	34.3278	2746.22	5950.15	71401.82
		Step C	36.0441	2883.53	6247.64	74971.73
		Step D	37.8463	3027.70	6560.03	78720.30
		Step E	39.7385	3179.08	6888.01	82656.08
		Step F	41.7256	3338.05	7232.44	86789.25
		Step G	43.8119	3504.95	7594.06	91128.75
		Step H	46.0023	3680.18	7973.73	95684.78



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9020A	Wastewater Treatment Plant Operator Grade III 24Hr-A	Step A	28.1455	3152.30	6829.97	81959.70
		Step B	29.5528	3309.91	7171.48	86057.75
		Step C	31.0303	3475.39	7530.02	90360.23
		Step D	32.5819	3649.17	7906.54	94878.49
		Step E	34.2110	3831.63	8301.87	99622.43
		Step F	35.9216	4023.22	8716.97	104603.70
		Step G	37.7176	4224.37	9152.80	109833.65
		Step H	39.6035	4435.59	9610.45	115325.39
9025A	Wastewater Treatment Plant Operator Grade III 8Hr-A	Step A	36.6545	2932.36	6353.45	76241.36
		Step B	38.4873	3078.98	6671.13	80053.58
		Step C	40.4118	3232.94	7004.71	84056.54
		Step D	42.4322	3394.58	7354.91	88258.98
		Step E	44.5539	3564.31	7722.68	92672.11
		Step F	46.7816	3742.53	8108.81	97305.73
		Step G	49.1206	3929.65	8514.24	102170.85
		Step H	51.5766	4126.13	8939.94	107279.33



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9020ZA	Wastewater Treatment Plant Operator Grade III 8Hr-ZA	Step A	39.4036	3152.29	6829.96	81959.49
		Step B	41.3736	3309.89	7171.42	86057.09
		Step C	43.4424	3475.39	7530.02	90360.19
		Step D	45.6146	3649.17	7906.53	94878.37
		Step E	47.8952	3831.62	8301.83	99622.02
		Step F	50.2900	4023.20	8716.93	104603.20
		Step G	52.8045	4224.36	9152.78	109833.36
		Step H	55.4447	4435.58	9610.41	115324.98
9030A	Wastewater Treatment Plant Operator Grade IV-A	Step A	44.1322	3530.58	7649.58	91794.98
		Step B	46.3387	3707.10	8032.04	96384.50
		Step C	48.6555	3892.44	8433.62	101203.44
		Step D	51.0883	4087.06	8855.31	106263.66
		Step E	53.6429	4291.43	9298.10	111577.23
		Step F	56.3251	4506.01	9763.02	117156.21
		Step G	59.1414	4731.31	10251.18	123014.11
		Step H	62.0983	4967.86	10763.71	129164.46



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Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1053A	Water Quality Technician-A	Step A	28.7867	2302.94	4989.69	59876.34
		Step B	30.2261	2418.09	5239.19	62870.29
		Step C	31.7375	2539.00	5501.17	66014.00
		Step D	33.3244	2665.95	5776.23	69314.75
		Step E	34.9904	2799.23	6065.00	72780.03
		Step F	36.7401	2939.21	6368.28	76419.41
		Step G	38.5772	3086.18	6686.71	80240.58
		Step H	40.5060	3240.48	7021.04	84252.48
9200A	Water Treatment Plant Operator Grade I 24Hr-A	Step A	21.1625	2370.20	5135.43	61625.20
		Step B	22.2206	2488.71	5392.20	64706.39
		Step C	23.3315	2613.13	5661.78	67941.33
		Step D	24.4982	2743.80	5944.90	71338.76
		Step E	25.7230	2880.98	6242.11	74905.38
		Step F	27.0093	3025.04	6554.26	78651.08
		Step G	28.3597	3176.29	6881.95	82583.45
		Step H	29.7776	3335.09	7226.03	86712.37



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9232A	Water Treatment Plant Operator Grade I 8Hr-A	Step A	29.6275	2370.20	5135.43	61625.20
		Step B	31.1090	2488.72	5392.23	64706.72
		Step C	32.6643	2613.14	5661.81	67941.74
		Step D	34.2974	2743.79	5944.88	71338.59
		Step E	36.0122	2880.98	6242.11	74905.38
		Step F	37.8129	3025.03	6554.24	78650.83
		Step G	39.7037	3176.30	6881.97	82583.70
		Step H	41.6888	3335.10	7226.06	86712.70
9200ZA	Water Treatment Plant Operator Grade I 8Hr-ZA	Step A	29.6275	2370.20	5135.43	61625.20
		Step B	31.1090	2488.72	5392.23	64706.72
		Step C	32.6643	2613.14	5661.81	67941.74
		Step D	34.2974	2743.79	5944.88	71338.59
		Step E	36.0122	2880.98	6242.11	74905.38
		Step F	37.8129	3025.03	6554.24	78650.83
		Step G	39.7037	3176.30	6881.97	82583.70
		Step H	41.6888	3335.10	7226.06	86712.70



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9210A	Water Treatment Plant Operator Grade II 24Hr-A	Step A	23.3524	2615.47	5666.85	68002.19
		Step B	24.5199	2746.23	5950.16	71401.95
		Step C	25.7460	2883.55	6247.70	74972.35
		Step D	27.0334	3027.74	6560.11	78721.26
		Step E	28.3848	3179.10	6888.04	82656.54
		Step F	29.8042	3338.07	7232.49	86789.83
		Step G	31.2944	3504.97	7594.11	91129.29
		Step H	32.8590	3680.21	7973.78	95685.41
9234A	Water Treatment Plant Operator Grade II 8Hr-A	Step A	32.6933	2615.46	5666.84	68002.06
		Step B	34.3280	2746.24	5950.19	71402.24
		Step C	36.0445	2883.56	6247.71	74972.56
		Step D	37.8466	3027.73	6560.08	78720.93
		Step E	39.7388	3179.10	6888.06	82656.70
		Step F	41.7258	3338.06	7232.47	86789.66
		Step G	43.8122	3504.98	7594.11	91129.38
		Step H	46.0028	3680.22	7973.82	95685.82



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9210ZA	Water Treatment Plant Operator Grade II 8Hr-ZA	Step A	32.6933	2615.46	5666.84	68002.06
		Step B	34.3280	2746.24	5950.19	71402.24
		Step C	36.0445	2883.56	6247.71	74972.56
		Step D	37.8466	3027.73	6560.08	78720.93
		Step E	39.7388	3179.10	6888.06	82656.70
		Step F	41.7258	3338.06	7232.47	86789.66
		Step G	43.8122	3504.98	7594.11	91129.38
		Step H	46.0028	3680.22	7973.82	95685.82
9230A	Water Treatment Plant Operator Grade III 24Hr-A	Step A	27.4909	3078.98	6671.13	80053.50
		Step B	28.8654	3232.92	7004.67	84056.04
		Step C	30.3087	3394.57	7354.91	88258.93
		Step D	31.8243	3564.32	7722.70	92672.36
		Step E	33.4154	3742.52	8108.80	97305.64
		Step F	35.0861	3929.64	8514.23	102170.72
		Step G	36.8404	4126.12	8939.94	107279.24
		Step H	38.6825	4332.44	9386.95	112643.44



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9229A	Water Treatment Plant Operator Grade III 8Hr-A	Step A	36.6545	2932.36	6353.45	76241.36
		Step B	38.4873	3078.98	6671.13	80053.58
		Step C	40.4118	3232.94	7004.71	84056.54
		Step D	42.4322	3394.58	7354.91	88258.98
		Step E	44.5539	3564.31	7722.68	92672.11
		Step F	46.7816	3742.53	8108.81	97305.73
		Step G	49.1206	3929.65	8514.24	102170.85
		Step H	51.5766	4126.13	8939.94	107279.33
9230ZA	Water Treatment Plant Operator Grade III 8Hr-ZA	Step A	38.4873	3078.98	6671.13	80053.58
		Step B	40.4117	3232.94	7004.69	84056.34
		Step C	42.4321	3394.57	7354.90	88258.77
		Step D	44.5538	3564.30	7722.66	92671.90
		Step E	46.7814	3742.51	8108.78	97305.31
		Step F	49.1206	3929.65	8514.24	102170.85
		Step G	51.5766	4126.13	8939.94	107279.33
		Step H	54.1555	4332.44	9386.95	112643.44



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Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1641A	Youth Development Program Coordinator-A	Step A	30.7050	2456.40	5322.20	63866.40
		Step B	32.2402	2579.22	5588.30	67059.62
		Step C	33.8523	2708.18	5867.73	70412.78
		Step D	35.5448	2843.58	6161.10	73933.18
		Step E	37.3222	2985.78	6469.18	77630.18
		Step F	39.1882	3135.06	6792.62	81511.46
		Step G	41.1477	3291.82	7132.27	85587.22
		Step H	43.2052	3456.42	7488.90	89866.82



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Grade Code Grade Name

0035B	Accountant I-B	Step A	32.2892	2583.14	5596.79	67161.54
		Step B	33.8073	2704.58	5859.93	70319.18
		Step C	34.8215	2785.72	6035.73	72428.72
		Step D	35.8663	2869.30	6216.83	74601.90
		Step E	36.9421	2955.37	6403.30	76839.57
		Step F	38.0504	3044.03	6595.40	79144.83
		Step G	39.1920	3135.36	6793.28	81519.36
		Step H	40.3677	3229.42	6997.07	83964.82
		Step I	41.5786	3326.29	7206.96	86483.49
		Step J	42.8260	3426.08	7423.17	89078.08
		Step K	44.1108	3528.86	7645.87	91750.46
		Step L	45.4342	3634.74	7875.26	94503.14



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

0040B	Accountant II-B	Step Name	Hourly	Bi-Weekly	Monthly	Annual
		Step A	35.5180	2841.44	6156.45	73877.44
		Step B	37.1880	2975.04	6445.92	77351.04
		Step C	38.3037	3064.30	6639.31	79671.70
		Step D	39.4528	3156.22	6838.49	82061.82
		Step E	40.6363	3250.90	7043.63	84523.50
		Step F	41.8555	3348.44	7254.95	87059.44
		Step G	43.1111	3448.89	7472.59	89671.09
		Step H	44.4044	3552.35	7696.76	92361.15
		Step I	45.7366	3658.93	7927.68	95132.13
		Step J	47.1086	3768.69	8165.49	97985.89
		Step K	48.5220	3881.76	8410.48	100925.76
		Step L	49.9776	3998.21	8662.78	103953.41



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1003B	Administrative Supervisor-B	Step A	32.5911	2607.29	5649.12	67789.49
		Step B	34.1234	2729.87	5914.72	70976.67
		Step C	35.1471	2811.77	6092.16	73105.97
		Step D	36.2015	2896.12	6274.93	75299.12
		Step E	37.2876	2983.01	6463.18	77558.21
		Step F	38.4061	3072.49	6657.06	79884.69
		Step G	39.5582	3164.66	6856.75	82281.06
		Step H	40.7451	3259.61	7062.48	84749.81
		Step I	41.9674	3357.39	7274.35	87292.19
		Step J	43.2265	3458.12	7492.59	89911.12
		Step K	44.5232	3561.86	7717.35	92608.26
		Step L	45.8590	3668.72	7948.89	95386.72



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
0084B	Administrative Technician-B	Step A	28.3401	2267.21	4912.28	58947.41
		Step B	29.6725	2373.80	5143.23	61718.80
		Step C	30.5628	2445.02	5297.55	63570.62
		Step D	31.4796	2518.37	5456.46	65477.57
		Step E	32.4240	2593.92	5620.16	67441.92
		Step F	33.3968	2671.74	5788.78	69465.34
		Step G	34.3985	2751.88	5962.41	71548.88
		Step H	35.4306	2834.45	6141.30	73695.65
		Step I	36.4935	2919.48	6325.54	75906.48
		Step J	37.5882	3007.06	6515.29	78183.46
		Step K	38.7159	3097.27	6710.76	80529.07
		Step L	39.8774	3190.19	6912.08	82944.99



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
8302B	Aquatics Maintenance Technician-B	Step A	30.6961	2455.69	5320.66	63847.89
		Step B	32.1391	2571.13	5570.78	66849.33
		Step C	33.1034	2648.27	5737.92	68855.07
		Step D	34.0965	2727.72	5910.06	70920.72
		Step E	35.1193	2809.54	6087.35	73048.14
		Step F	36.1729	2893.83	6269.97	75239.63
		Step G	37.2581	2980.65	6458.07	77496.85
		Step H	38.3758	3070.06	6651.81	79821.66
		Step I	39.5271	3162.17	6851.36	82216.37
		Step J	40.7128	3257.02	7056.89	84682.62
		Step K	41.9342	3354.74	7268.59	87223.14
		Step L	43.1923	3455.38	7486.67	89839.98



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
8300B	Arborist Technician-B	Step A	30.6961	2455.69	5320.66	63847.89
		Step B	32.1391	2571.13	5570.78	66849.33
		Step C	33.1034	2648.27	5737.92	68855.07
		Step D	34.0965	2727.72	5910.06	70920.72
		Step E	35.1193	2809.54	6087.35	73048.14
		Step F	36.1729	2893.83	6269.97	75239.63
		Step G	37.2581	2980.65	6458.07	77496.85
		Step H	38.3758	3070.06	6651.81	79821.66
		Step I	39.5271	3162.17	6851.36	82216.37
		Step J	40.7128	3257.02	7056.89	84682.62
		Step K	41.9342	3354.74	7268.59	87223.14
		Step L	43.1923	3455.38	7486.67	89839.98



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

0376B	Assistant Child Care Site Coordinator-B	Step Name	Hourly	Bi-Weekly	Monthly	Annual
		Step A	24.2728	1941.82	4207.29	50487.42
		Step B	25.4141	2033.13	4405.11	52861.33
		Step C	26.1763	2094.10	4537.23	54446.70
		Step D	26.9616	2156.93	4673.34	56080.13
		Step E	27.7706	2221.65	4813.57	57762.85
		Step F	28.6037	2288.30	4957.97	59495.70
		Step G	29.4618	2356.94	5106.71	61280.54
		Step H	30.3456	2427.65	5259.90	63118.85
		Step I	31.2559	2500.47	5417.69	65012.27
		Step J	32.1937	2575.50	5580.24	66962.90
		Step K	33.1595	2652.76	5747.65	68971.76
		Step L	34.1542	2732.34	5920.06	71040.74



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0338B	Assistant Engineer-B	Step A	38.9869	3118.95	6757.73	81092.75
		Step B	40.8199	3265.59	7075.45	84905.39
		Step C	42.0445	3363.56	7287.71	87452.56
		Step D	43.3057	3464.46	7506.32	90075.86
		Step E	44.6050	3568.40	7731.53	92778.40
		Step F	45.9432	3675.46	7963.49	95561.86
		Step G	47.3215	3785.72	8202.39	98428.72
		Step H	48.7411	3899.29	8448.46	101381.49
		Step I	50.2033	4016.26	8701.91	104422.86
		Step J	51.7094	4136.75	8962.96	107555.55
		Step K	53.2606	4260.85	9231.84	110782.05
		Step L	54.8585	4388.68	9508.81	114105.68



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0650B	Assistant Planner-B	Step A	32.7019	2616.15	5668.33	68019.95
		Step B	34.2393	2739.14	5934.81	71217.74
		Step C	35.2666	2821.33	6112.88	73354.53
		Step D	36.3245	2905.96	6296.25	75554.96
		Step E	37.4142	2993.14	6485.13	77821.54
		Step F	38.5366	3082.93	6679.68	80156.13
		Step G	39.6928	3175.42	6880.09	82561.02
		Step H	40.8836	3270.69	7086.49	85037.89
		Step I	42.1100	3368.80	7299.07	87588.80
		Step J	43.3733	3469.86	7518.04	90216.46
		Step K	44.6745	3573.96	7743.58	92922.96
		Step L	46.0148	3681.18	7975.90	95710.78



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1005B	Associate Engineer (PE)-B	Step A	44.8347	3586.78	7771.35	93256.18
		Step B	46.9426	3755.41	8136.72	97640.61
		Step C	48.3510	3868.08	8380.84	100570.08
		Step D	49.8016	3984.13	8632.28	103587.33
		Step E	51.2955	4103.64	8891.22	106694.64
		Step F	52.8344	4226.75	9157.96	109895.55
		Step G	54.4195	4353.56	9432.71	113192.56
		Step H	56.0520	4484.16	9715.68	116588.16
		Step I	57.7336	4618.69	10007.16	120085.89
		Step J	59.4655	4757.24	10307.35	123688.24
		Step K	61.2495	4899.96	10616.58	127398.96
		Step L	63.0870	5046.96	10935.08	131220.96



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0820B	Associate Engineer-B	Step A	42.6999	3415.99	7401.32	88815.79
		Step B	44.7074	3576.59	7749.28	92991.39
		Step C	46.0485	3683.88	7981.74	95780.88
		Step D	47.4299	3794.39	8221.18	98654.19
		Step E	48.8528	3908.22	8467.82	101613.82
		Step F	50.3184	4025.47	8721.86	104662.27
		Step G	51.8280	4146.24	8983.52	107802.24
		Step H	53.3828	4270.62	9253.02	111036.22
		Step I	54.9842	4398.74	9530.59	114367.14
		Step J	56.6339	4530.71	9816.54	117798.51
		Step K	58.3330	4666.64	10111.05	121332.64
		Step L	60.0828	4806.62	10414.35	124972.22



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0900B	Associate Planner-B	Step A	37.6073	3008.58	6518.60	78223.18
		Step B	39.3751	3150.01	6825.02	81900.21
		Step C	40.5565	3244.52	7029.79	84357.52
		Step D	41.7731	3341.85	7240.67	86888.05
		Step E	43.0263	3442.10	7457.89	89494.70
		Step F	44.3171	3545.37	7681.63	92179.57
		Step G	45.6466	3651.73	7912.08	94944.93
		Step H	47.0160	3761.28	8149.44	97793.28
		Step I	48.4265	3874.12	8393.93	100727.12
		Step J	49.8793	3990.34	8645.75	103748.94
		Step K	51.3757	4110.06	8905.12	106861.46
		Step L	52.9170	4233.36	9172.28	110067.36



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1018B	Building Inspector I-B	Step A	32.4447	2595.58	5623.75	67484.98
		Step B	33.9703	2717.62	5888.19	70658.22
		Step C	34.9894	2799.15	6064.83	72777.95
		Step D	36.0390	2883.12	6246.76	74961.12
		Step E	37.1203	2969.62	6434.19	77210.22
		Step F	38.2339	3058.71	6627.21	79526.51
		Step G	39.3809	3150.47	6826.02	81912.27
		Step H	40.5622	3244.98	7030.78	84369.38
		Step I	41.7792	3342.34	7241.73	86900.74
		Step J	43.0326	3442.61	7458.98	89507.81
		Step K	44.3236	3545.89	7682.76	92193.09
		Step L	45.6532	3652.26	7913.22	94958.66



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1019B	Building Inspector II-B	Step A	35.6895	2855.16	6186.18	74234.16
		Step B	37.3673	2989.38	6477.00	77723.98
		Step C	38.4883	3079.06	6671.31	80055.66
		Step D	39.6429	3171.43	6871.44	82457.23
		Step E	40.8323	3266.58	7077.60	84931.18
		Step F	42.0573	3364.58	7289.93	87479.18
		Step G	43.3190	3465.52	7508.63	90103.52
		Step H	44.6186	3569.49	7733.89	92806.69
		Step I	45.9571	3676.57	7965.90	95590.77
		Step J	47.3358	3786.86	8204.87	98458.46
		Step K	48.7559	3900.47	8451.02	101412.27
		Step L	50.2186	4017.49	8704.56	104454.69



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
9425B	Building Maintenance Aide-B	Step A	21.8180	1745.44	3781.79	45381.44
		Step B	22.8438	1827.50	3959.59	47515.10
		Step C	23.5292	1882.34	4078.39	48940.74
		Step D	24.2350	1938.80	4200.73	50408.80
		Step E	24.9621	1996.97	4326.76	51921.17
		Step F	25.7110	2056.88	4456.57	53478.88
		Step G	26.4823	2118.58	4590.27	55083.18
		Step H	27.2767	2182.14	4727.96	56735.54
		Step I	28.0950	2247.60	4869.80	58437.60
		Step J	28.9379	2315.03	5015.90	60190.83
		Step K	29.8060	2384.48	5166.37	61996.48
		Step L	30.7001	2456.01	5321.35	63856.21



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1030B	Building Maintenance Worker I-B	Step A	26.1816	2094.53	4538.14	54457.73
		Step B	27.4125	2193.00	4751.50	57018.00
		Step C	28.2349	2258.79	4894.05	58728.59
		Step D	29.0819	2326.55	5040.86	60490.35
		Step E	29.9544	2396.35	5192.10	62305.15
		Step F	30.8530	2468.24	5347.85	64174.24
		Step G	31.7785	2542.28	5508.27	66099.28
		Step H	32.7319	2618.55	5673.53	68082.35
		Step I	33.7139	2697.11	5843.74	70124.91
		Step J	34.7253	2778.02	6019.05	72228.62
		Step K	35.7671	2861.37	6199.63	74395.57
		Step L	36.8400	2947.20	6385.60	76627.20



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1032B	Building Maintenance Worker II-B	Step A	28.7998	2303.98	4991.97	59903.58
		Step B	30.1537	2412.30	5226.64	62719.70
		Step C	31.0583	2484.66	5383.44	64601.26
		Step D	31.9900	2559.20	5544.93	66539.20
		Step E	32.9498	2635.98	5711.30	68535.58
		Step F	33.9382	2715.06	5882.62	70591.46
		Step G	34.9563	2796.50	6059.09	72709.10
		Step H	36.0051	2880.41	6240.88	74890.61
		Step I	37.0852	2966.82	6428.10	77137.22
		Step J	38.1977	3055.82	6620.93	79451.22
		Step K	39.3437	3147.50	6819.57	81834.90
		Step L	40.5240	3241.92	7024.16	84289.92



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1045B	Building Plans Examiner I-B	Step A	33.1206	2649.65	5740.90	68890.85
		Step B	34.6778	2774.22	6010.82	72129.82
		Step C	35.7181	2857.45	6191.14	74293.65
		Step D	36.7897	2943.18	6376.88	76522.58
		Step E	37.8933	3031.46	6568.17	78818.06
		Step F	39.0303	3122.42	6765.25	81183.02
		Step G	40.2010	3216.08	6968.17	83618.08
		Step H	41.4071	3312.57	7177.23	86126.77
		Step I	42.6493	3411.94	7392.55	88710.54
		Step J	43.9288	3514.30	7614.33	91371.90
		Step K	45.2466	3619.73	7842.74	94112.93
		Step L	46.6041	3728.33	8078.04	96936.53



City of Roseville

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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1047B	Building Plans Examiner II-B	Step A	36.4325	2914.60	6314.97	75779.60
		Step B	38.1456	3051.65	6611.90	79342.85
		Step C	39.2900	3143.20	6810.27	81723.20
		Step D	40.4687	3237.50	7014.57	84174.90
		Step E	41.6828	3334.62	7225.02	86700.22
		Step F	42.9334	3434.67	7441.79	89301.47
		Step G	44.2213	3537.70	7665.03	91980.30
		Step H	45.5479	3643.83	7894.97	94739.63
		Step I	46.9143	3753.14	8131.81	97581.74
		Step J	48.3219	3865.75	8375.80	100509.55
		Step K	49.7714	3981.71	8627.04	103524.51
		Step L	51.2646	4101.17	8885.86	106630.37



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1361B	Business Systems Analyst I-B	Step A	36.7118	2936.94	6363.38	76360.54
		Step B	38.4379	3075.03	6662.57	79950.83
		Step C	39.5910	3167.28	6862.44	82349.28
		Step D	40.7787	3262.30	7068.31	84819.70
		Step E	42.0021	3360.17	7280.36	87364.37
		Step F	43.2622	3460.98	7498.78	89985.38
		Step G	44.5600	3564.80	7723.73	92684.80
		Step H	45.8968	3671.74	7955.45	95465.34
		Step I	47.2737	3781.90	8194.11	98329.30
		Step J	48.6920	3895.36	8439.95	101279.36
		Step K	50.1526	4012.21	8693.12	104317.41
		Step L	51.6572	4132.58	8953.91	107446.98



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1362B	Business Systems Analyst II-B	Step A	40.3830	3230.64	6999.72	83996.64
		Step B	42.2816	3382.53	7328.81	87945.73
		Step C	43.5500	3484.00	7548.67	90584.00
		Step D	44.8566	3588.53	7775.14	93301.73
		Step E	46.2022	3696.18	8008.38	96100.58
		Step F	47.5882	3807.06	8248.62	98983.46
		Step G	49.0160	3921.28	8496.11	101953.28
		Step H	50.4864	4038.91	8750.98	105011.71
		Step I	52.0010	4160.08	9013.51	108162.08
		Step J	53.5610	4284.88	9283.91	111406.88
		Step K	55.1679	4413.43	9562.44	114749.23
		Step L	56.8229	4545.83	9849.30	118191.63



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1055B	Buyer I-B	Step A	29.3531	2348.25	5087.87	61054.45
		Step B	30.7331	2458.65	5327.07	63924.85
		Step C	31.6552	2532.42	5486.90	65842.82
		Step D	32.6047	2608.38	5651.48	67817.78
		Step E	33.5829	2686.63	5821.04	69852.43
		Step F	34.5905	2767.24	5995.69	71948.24
		Step G	35.6282	2850.26	6175.55	74106.66
		Step H	36.6971	2935.77	6360.83	76329.97
		Step I	37.7979	3023.83	6551.64	78619.63
		Step J	38.9319	3114.55	6748.20	80978.35
		Step K	40.0997	3207.98	6950.61	83407.38
		Step L	41.3028	3304.22	7159.15	85909.82



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1060B	Buyer II-B	Step A	32.2884	2583.07	5596.66	67159.87
		Step B	33.8063	2704.50	5859.76	70317.10
		Step C	34.8207	2785.66	6035.59	72427.06
		Step D	35.8653	2869.22	6216.65	74599.82
		Step E	36.9412	2955.30	6403.14	76837.70
		Step F	38.0494	3043.95	6595.23	79142.75
		Step G	39.1910	3135.28	6793.11	81517.28
		Step H	40.3667	3229.34	6996.89	83962.74
		Step I	41.5777	3326.22	7206.80	86481.62
		Step J	42.8250	3426.00	7423.00	89076.00
		Step K	44.1097	3528.78	7645.68	91748.18
		Step L	45.4331	3634.65	7875.07	94500.85



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1225B	Child Care Site Coordinator-B	Step A	27.9135	2233.08	4838.34	58060.08
		Step B	29.2259	2338.07	5065.82	60789.87
		Step C	30.1027	2408.22	5217.80	62613.62
		Step D	31.0058	2480.46	5374.34	64492.06
		Step E	31.9360	2554.88	5535.57	66426.88
		Step F	32.8941	2631.53	5701.64	68419.73
		Step G	33.8810	2710.48	5872.71	70472.48
		Step H	34.8973	2791.78	6048.87	72586.38
		Step I	35.9443	2875.54	6230.35	74764.14
		Step J	37.0227	2961.82	6417.27	77007.22
		Step K	38.1332	3050.66	6609.75	79317.06
		Step L	39.2773	3142.18	6808.07	81696.78



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1226B	City Clerk Technician I-B	Step A	28.0340	2242.72	4859.23	58310.72
		Step B	29.3520	2348.16	5087.68	61052.16
		Step C	30.2326	2418.61	5240.32	62883.81
		Step D	31.1396	2491.17	5397.53	64770.37
		Step E	32.0738	2565.90	5559.46	66713.50
		Step F	33.0361	2642.89	5726.26	68715.09
		Step G	34.0271	2722.17	5898.03	70776.37
		Step H	35.0479	2803.83	6074.97	72899.63
		Step I	36.0994	2887.95	6257.23	75086.75
		Step J	37.1823	2974.58	6444.93	77339.18
		Step K	38.2977	3063.82	6638.27	79659.22
		Step L	39.4467	3155.74	6837.43	82049.14



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1227B	City Clerk Technician II-B	Step A	30.8372	2466.98	5345.11	64141.38
		Step B	32.2873	2582.98	5596.47	67157.58
		Step C	33.2559	2660.47	5764.36	69172.27
		Step D	34.2537	2740.30	5937.31	71247.70
		Step E	35.2812	2822.50	6115.41	73384.90
		Step F	36.3397	2907.18	6298.88	75586.58
		Step G	37.4298	2994.38	6487.83	77853.98
		Step H	38.5528	3084.22	6682.49	80189.82
		Step I	39.7093	3176.74	6882.95	82595.34
		Step J	40.9006	3272.05	7089.44	85073.25
		Step K	42.1276	3370.21	7302.12	87625.41
		Step L	43.3915	3471.32	7521.19	90254.32



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1364B	Code Enforcement Inspector I-B	Step A	26.3214	2105.71	4562.38	54748.51
		Step B	27.5589	2204.71	4776.88	57322.51
		Step C	28.3856	2270.85	4920.17	59042.05
		Step D	29.2372	2338.98	5067.78	60813.38
		Step E	30.1143	2409.14	5219.81	62637.74
		Step F	31.0176	2481.41	5376.38	64516.61
		Step G	31.9482	2555.86	5537.69	66452.26
		Step H	32.9067	2632.54	5703.83	68445.94
		Step I	33.8938	2711.50	5874.93	70499.10
		Step J	34.9107	2792.86	6051.19	72614.26
		Step K	35.9580	2876.64	6232.72	74792.64
		Step L	37.0367	2962.94	6419.69	77036.34



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	28.9535	2316.28	5018.61	60223.28
Step B	30.3148	2425.18	5254.57	63054.78
Step C	31.2242	2497.94	5412.19	64946.34
Step D	32.1609	2572.87	5574.56	66894.67
Step E	33.1257	2650.06	5741.79	68901.46
Step F	34.1195	2729.56	5914.05	70968.56
Step G	35.1432	2811.46	6091.49	73097.86
Step H	36.1974	2895.79	6274.22	75290.59
Step I	37.2835	2982.68	6462.47	77549.68
Step J	38.4018	3072.14	6656.31	79875.74
Step K	39.5539	3164.31	6856.01	82272.11
Step L	40.7405	3259.24	7061.69	84740.24



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1401B	Community Relations Analyst-B	Step A	38.6579	3092.63	6700.70	80408.43
		Step B	40.4754	3238.03	7015.74	84188.83
		Step C	41.6896	3335.17	7226.20	86714.37
		Step D	42.9403	3435.22	7442.99	89315.82
		Step E	44.2285	3538.28	7666.27	91995.28
		Step F	45.5554	3644.43	7896.27	94755.23
		Step G	46.9220	3753.76	8133.15	97597.76
		Step H	48.3296	3866.37	8377.13	100525.57
		Step I	49.7796	3982.37	8628.46	103541.57
		Step J	51.2730	4101.84	8887.32	106647.84
		Step K	52.8113	4224.90	9153.96	109847.50
		Step L	54.3955	4351.64	9428.55	113142.64



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1248B	Construction Inspection Supervisor-B	Step A	41.7602	3340.82	7238.43	86861.22
		Step B	43.7236	3497.89	7578.76	90945.09
		Step C	45.0352	3602.82	7806.10	93673.22
		Step D	46.3864	3710.91	8040.31	96483.71
		Step E	47.7779	3822.23	8281.50	99378.03
		Step F	49.2113	3936.90	8529.96	102359.50
		Step G	50.6875	4055.00	8785.83	105430.00
		Step H	52.2083	4176.66	9049.44	108593.26
		Step I	53.7746	4301.97	9320.93	111851.17
		Step J	55.3876	4431.01	9600.52	115206.21
		Step K	57.0493	4563.94	9888.55	118662.54
		Step L	58.7608	4700.86	10185.21	122222.46



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1432B	Construction Inspector I-B	Step A	30.0110	2400.88	5201.91	62422.88
		Step B	31.4220	2513.76	5446.48	65357.76
		Step C	32.3646	2589.17	5609.86	67318.37
		Step D	33.3356	2666.85	5778.17	69338.05
		Step E	34.3357	2746.86	5951.52	71418.26
		Step F	35.3657	2829.26	6130.05	73560.66
		Step G	36.4267	2914.14	6313.96	75767.54
		Step H	37.5194	3001.55	6503.36	78040.35
		Step I	38.6450	3091.60	6698.47	80381.60
		Step J	39.8044	3184.35	6899.43	82793.15
		Step K	40.9985	3279.88	7106.41	85276.88
		Step L	42.2285	3378.28	7319.61	87835.28



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1434B	Construction Inspector II-B	Step A	33.0120	2640.96	5722.08	68664.96
		Step B	34.5640	2765.12	5991.09	71893.12
		Step C	35.6009	2848.07	6170.82	74049.87
		Step D	36.6690	2933.52	6355.96	76271.52
		Step E	37.7690	3021.52	6546.63	78559.52
		Step F	38.9020	3112.16	6743.01	80916.16
		Step G	40.0692	3205.54	6945.33	83343.94
		Step H	41.2713	3301.70	7153.69	85844.30
		Step I	42.5094	3400.75	7368.30	88419.55
		Step J	43.7847	3502.78	7589.35	91072.18
		Step K	45.0982	3607.86	7817.02	93804.26
		Step L	46.4512	3716.10	8051.54	96618.50



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1485B	Custodian-B	Step A	19.8195	1585.56	3435.38	41224.56
		Step B	20.7514	1660.11	3596.91	43162.91
		Step C	21.3739	1709.91	3704.81	44457.71
		Step D	22.0152	1761.22	3815.97	45791.62
		Step E	22.6757	1814.06	3930.45	47165.46
		Step F	23.3559	1868.47	4048.36	48580.27
		Step G	24.0566	1924.53	4169.81	50037.73
		Step H	24.7784	1982.27	4294.92	51539.07
		Step I	25.5217	2041.74	4423.76	53085.14
		Step J	26.2873	2102.98	4556.47	54677.58
		Step K	27.0759	2166.07	4693.16	56317.87
		Step L	27.8882	2231.06	4833.95	58007.46



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1546B	Data Management Specialist I-B	Step A	36.7118	2936.94	6363.38	76360.54
		Step B	38.4379	3075.03	6662.57	79950.83
		Step C	39.5910	3167.28	6862.44	82349.28
		Step D	40.7787	3262.30	7068.31	84819.70
		Step E	42.0021	3360.17	7280.36	87364.37
		Step F	43.2622	3460.98	7498.78	89985.38
		Step G	44.5600	3564.80	7723.73	92684.80
		Step H	45.8968	3671.74	7955.45	95465.34
		Step I	47.2737	3781.90	8194.11	98329.30
		Step J	48.6920	3895.36	8439.95	101279.36
		Step K	50.1526	4012.21	8693.12	104317.41
		Step L	51.6572	4132.58	8953.91	107446.98



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1548B	Data Management Specialist II-B	Step A	40.3830	3230.64	6999.72	83996.64
		Step B	42.2816	3382.53	7328.81	87945.73
		Step C	43.5500	3484.00	7548.67	90584.00
		Step D	44.8566	3588.53	7775.14	93301.73
		Step E	46.2022	3696.18	8008.38	96100.58
		Step F	47.5882	3807.06	8248.62	98983.46
		Step G	49.0160	3921.28	8496.11	101953.28
		Step H	50.4864	4038.91	8750.98	105011.71
		Step I	52.0010	4160.08	9013.51	108162.08
		Step J	53.5610	4284.88	9283.91	111406.88
		Step K	55.1679	4413.43	9562.44	114749.23
		Step L	56.8229	4545.83	9849.30	118191.63



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1551B	Database Analyst I-B	Step A	36.7118	2936.94	6363.38	76360.54
		Step B	38.4379	3075.03	6662.57	79950.83
		Step C	39.5910	3167.28	6862.44	82349.28
		Step D	40.7787	3262.30	7068.31	84819.70
		Step E	42.0021	3360.17	7280.36	87364.37
		Step F	43.2622	3460.98	7498.78	89985.38
		Step G	44.5600	3564.80	7723.73	92684.80
		Step H	45.8968	3671.74	7955.45	95465.34
		Step I	47.2737	3781.90	8194.11	98329.30
		Step J	48.6920	3895.36	8439.95	101279.36
		Step K	50.1526	4012.21	8693.12	104317.41
		Step L	51.6572	4132.58	8953.91	107446.98



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1552B	Database Analyst II-B	Step A	40.3830	3230.64	6999.72	83996.64
		Step B	42.2816	3382.53	7328.81	87945.73
		Step C	43.5500	3484.00	7548.67	90584.00
		Step D	44.8566	3588.53	7775.14	93301.73
		Step E	46.2022	3696.18	8008.38	96100.58
		Step F	47.5882	3807.06	8248.62	98983.46
		Step G	49.0160	3921.28	8496.11	101953.28
		Step H	50.4864	4038.91	8750.98	105011.71
		Step I	52.0010	4160.08	9013.51	108162.08
		Step J	53.5610	4284.88	9283.91	111406.88
		Step K	55.1679	4413.43	9562.44	114749.23
		Step L	56.8229	4545.83	9849.30	118191.63



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1660B	Deputy City Clerk I-B	Step A	20.6040	1648.32	3571.36	42856.32
		Step B	21.5726	1725.81	3739.25	44871.01
		Step C	22.2197	1777.58	3851.41	46216.98
		Step D	22.8864	1830.91	3966.98	47603.71
		Step E	23.5730	1885.84	4085.99	49031.84
		Step F	24.2802	1942.42	4208.57	50502.82
		Step G	25.0086	2000.69	4334.82	52017.89
		Step H	25.7589	2060.71	4464.88	53578.51
		Step I	26.5316	2122.53	4598.81	55185.73
		Step J	27.3275	2186.20	4736.77	56841.20
		Step K	28.1473	2251.78	4878.87	58546.38
		Step L	28.9917	2319.34	5025.23	60302.74



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1665B	Deputy City Clerk II-B	Step A	22.6643	1813.14	3928.48	47141.74
		Step B	23.7299	1898.39	4113.18	49358.19
		Step C	24.4417	1955.34	4236.56	50838.74
		Step D	25.1751	2014.01	4363.68	52364.21
		Step E	25.9302	2074.42	4494.57	53934.82
		Step F	26.7082	2136.66	4629.42	55553.06
		Step G	27.5094	2200.75	4768.30	57219.55
		Step H	28.3347	2266.78	4911.35	58936.18
		Step I	29.1847	2334.78	5058.68	60704.18
		Step J	30.0603	2404.82	5210.45	62525.42
		Step K	30.9621	2476.97	5366.76	64401.17
		Step L	31.8909	2551.27	5527.76	66333.07



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1095B	Development Services Business Analyst I-B	Step A	36.1100	2888.80	6259.07	75108.80
		Step B	37.8076	3024.61	6553.32	78639.81
		Step C	38.9419	3115.35	6749.93	80999.15
		Step D	40.1102	3208.82	6952.43	83429.22
		Step E	41.3134	3305.07	7160.99	85931.87
		Step F	42.5529	3404.23	7375.84	88510.03
		Step G	43.8294	3506.35	7597.10	91165.15
		Step H	45.1443	3611.54	7825.01	93900.14
		Step I	46.4987	3719.90	8059.77	96717.30
		Step J	47.8936	3831.49	8301.56	99618.69
		Step K	49.3305	3946.44	8550.62	102607.44
		Step L	50.8104	4064.83	8807.14	105685.63



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1096B	Development Services Business Analyst II-B	Step A	39.7208	3177.66	6884.94	82619.26
		Step B	41.5885	3327.08	7208.67	86504.08
		Step C	42.8361	3426.89	7424.92	89099.09
		Step D	44.1212	3529.70	7647.67	91772.10
		Step E	45.4448	3635.58	7877.10	94525.18
		Step F	46.8082	3744.66	8113.42	97361.06
		Step G	48.2124	3856.99	8356.82	100281.79
		Step H	49.6589	3972.71	8607.54	103290.51
		Step I	51.1486	4091.89	8865.76	106389.09
		Step J	52.6830	4214.64	9131.72	109580.64
		Step K	54.2635	4341.08	9405.67	112868.08
		Step L	55.8914	4471.31	9687.84	116254.11



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1670B	Development Technician I-B	Step A	25.8263	2066.10	4476.56	53718.70
		Step B	27.0401	2163.21	4686.95	56243.41
		Step C	27.8513	2228.10	4827.56	57930.70
		Step D	28.6868	2294.94	4972.38	59668.54
		Step E	29.5474	2363.79	5121.55	61458.59
		Step F	30.4338	2434.70	5275.19	63302.30
		Step G	31.3470	2507.76	5433.48	65201.76
		Step H	32.2873	2582.98	5596.47	67157.58
		Step I	33.2559	2660.47	5764.36	69172.27
		Step J	34.2537	2740.30	5937.31	71247.70
		Step K	35.2811	2822.49	6115.39	73384.69
		Step L	36.3396	2907.17	6298.86	75586.37



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1672B	Development Technician II-B	Step A	28.4083	2272.66	4924.11	59089.26
		Step B	29.7441	2379.53	5155.64	61867.73
		Step C	30.6364	2450.91	5310.31	63723.71
		Step D	31.5557	2524.46	5469.65	65635.86
		Step E	32.5022	2600.18	5633.71	67604.58
		Step F	33.4773	2678.18	5802.73	69632.78
		Step G	34.4816	2758.53	5976.81	71721.73
		Step H	35.5160	2841.28	6156.11	73873.28
		Step I	36.5815	2926.52	6340.79	76089.52
		Step J	37.6790	3014.32	6531.03	78372.32
		Step K	38.8094	3104.75	6726.96	80723.55
		Step L	39.9737	3197.90	6928.77	83145.30



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1109B	Digital Content Analyst-B	Step A	42.5237	3401.90	7370.77	88449.30
		Step B	44.5229	3561.83	7717.30	92607.63
		Step C	45.8586	3668.69	7948.82	95385.89
		Step D	47.2344	3778.75	8187.30	98247.55
		Step E	48.6513	3892.10	8432.89	101194.70
		Step F	50.1108	4008.86	8685.87	104230.46
		Step G	51.6143	4129.14	8946.48	107357.74
		Step H	53.1627	4253.02	9214.87	110578.42
		Step I	54.7576	4380.61	9491.32	113895.81
		Step J	56.4002	4512.02	9776.03	117312.42
		Step K	58.0923	4647.38	10069.33	120831.98
		Step L	59.8350	4786.80	10371.40	124456.80



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9549B	ERP Business Analyst I-B	Step A	37.1329	2970.63	6436.37	77236.43
		Step B	38.8787	3110.30	6738.97	80867.70
		Step C	40.0450	3203.60	6941.13	83293.60
		Step D	41.2464	3299.71	7149.38	85792.51
		Step E	42.4838	3398.70	7363.86	88366.30
		Step F	43.7584	3500.67	7584.79	91017.47
		Step G	45.0710	3605.68	7812.31	93747.68
		Step H	46.4231	3713.85	8046.67	96560.05
		Step I	47.8158	3825.26	8288.07	99456.86
		Step J	49.2502	3940.02	8536.70	102440.42
		Step K	50.7278	4058.22	8792.82	105513.82
		Step L	52.2497	4179.98	9056.61	108679.38



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9550B	ERP Business Analyst II-B	Step A	40.8461	3267.69	7079.99	84959.89
		Step B	42.7665	3421.32	7412.86	88954.32
		Step C	44.0496	3523.97	7635.26	91623.17
		Step D	45.3709	3629.67	7864.29	94371.47
		Step E	46.7321	3738.57	8100.23	97202.77
		Step F	48.1340	3850.72	8343.23	100118.72
		Step G	49.5780	3966.24	8593.52	103122.24
		Step H	51.0654	4085.23	8851.34	106216.03
		Step I	52.5974	4207.79	9116.88	109402.59
		Step J	54.1752	4334.02	9390.37	112684.42
		Step K	55.8006	4464.05	9672.10	116065.25
		Step L	57.4746	4597.97	9962.26	119547.17



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	28.3401	2267.21	4912.28	58947.41
Step B	29.6725	2373.80	5143.23	61718.80
Step C	30.5628	2445.02	5297.55	63570.62
Step D	31.4796	2518.37	5456.46	65477.57
Step E	32.4240	2593.92	5620.16	67441.92
Step F	33.3968	2671.74	5788.78	69465.34
Step G	34.3985	2751.88	5962.41	71548.88
Step H	35.4306	2834.45	6141.30	73695.65
Step I	36.4935	2919.48	6325.54	75906.48
Step J	37.5882	3007.06	6515.29	78183.46
Step K	38.7159	3097.27	6710.76	80529.07
Step L	39.8774	3190.19	6912.08	82944.99



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1300B	Engineering Technician I-B	Step A	27.6091	2208.73	4785.58	57426.93
		Step B	28.9072	2312.58	5010.58	60126.98
		Step C	29.7744	2381.95	5160.90	61930.75
		Step D	30.6676	2453.41	5315.72	63788.61
		Step E	31.5876	2527.01	5475.18	65702.21
		Step F	32.5353	2602.82	5639.45	67673.42
		Step G	33.5114	2680.91	5808.64	69703.71
		Step H	34.5168	2761.34	5982.91	71794.94
		Step I	35.5521	2844.17	6162.36	73948.37
		Step J	36.6187	2929.50	6347.24	76166.90
		Step K	37.7173	3017.38	6537.67	78451.98
		Step L	38.8487	3107.90	6733.77	80805.30



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1350B	Engineering Technician II-B	Step A	30.3701	2429.61	5264.15	63169.81
		Step B	31.7980	2543.84	5511.65	66139.84
		Step C	32.7519	2620.15	5677.00	68123.95
		Step D	33.7345	2698.76	5847.31	70167.76
		Step E	34.7465	2779.72	6022.73	72272.72
		Step F	35.7889	2863.11	6203.41	74440.91
		Step G	36.8625	2949.00	6389.50	76674.00
		Step H	37.9685	3037.48	6581.21	78974.48
		Step I	39.1075	3128.60	6778.63	81343.60
		Step J	40.2808	3222.46	6982.01	83784.06
		Step K	41.4891	3319.13	7191.44	86297.33
		Step L	42.7338	3418.70	7407.19	88886.30



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Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2542B	Environmental Compliance Specialist I-B	Step A	29.9126	2393.01	5184.85	62218.21
		Step B	31.3191	2505.53	5428.64	65143.73
		Step C	32.2585	2580.68	5591.47	67097.68
		Step D	33.2264	2658.11	5759.24	69110.91
		Step E	34.2231	2737.85	5932.00	71184.05
		Step F	35.2499	2819.99	6109.98	73319.79
		Step G	36.3073	2904.58	6293.27	75519.18
		Step H	37.3966	2991.73	6482.08	77784.93
		Step I	38.5184	3081.47	6676.52	80118.27
		Step J	39.6739	3173.91	6876.81	82521.71
		Step K	40.8641	3269.13	7083.11	84997.33
		Step L	42.0901	3367.21	7295.62	87547.41



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2544B	Environmental Compliance Specialist II-B	Step A	32.9038	2632.30	5703.33	68439.90
		Step B	34.4510	2756.08	5971.51	71658.08
		Step C	35.4843	2838.74	6150.61	73807.34
		Step D	36.5489	2923.91	6335.14	76021.71
		Step E	37.6454	3011.63	6525.20	78302.43
		Step F	38.7747	3101.98	6720.95	80651.38
		Step G	39.9379	3195.03	6922.57	83070.83
		Step H	41.1361	3290.89	7130.26	85563.09
		Step I	42.3702	3389.62	7344.17	88130.02
		Step J	43.6414	3491.31	7564.51	90774.11
		Step K	44.9507	3596.06	7791.45	93497.46
		Step L	46.2991	3703.93	8025.18	96302.13



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Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2560B	Equipment Serviceworker-B	Step A	24.4159	1953.27	4232.09	50785.07
		Step B	25.5637	2045.10	4431.04	53172.50
		Step C	26.3307	2106.46	4563.99	54767.86
		Step D	27.1207	2169.66	4700.92	56411.06
		Step E	27.9342	2234.74	4841.93	58103.14
		Step F	28.7723	2301.78	4987.20	59846.38
		Step G	29.6355	2370.84	5136.82	61641.84
		Step H	30.5245	2441.96	5290.91	63490.96
		Step I	31.4402	2515.22	5449.63	65395.62
		Step J	32.3833	2590.66	5613.11	67357.26
		Step K	33.3549	2668.39	5781.52	69378.19
		Step L	34.3555	2748.44	5954.95	71459.44



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3334B	Finance Clerk I-B	Step A	21.0826	1686.61	3654.32	43851.81
		Step B	22.0739	1765.91	3826.14	45913.71
		Step C	22.7361	1818.89	3940.92	47291.09
		Step D	23.4182	1873.46	4059.15	48709.86
		Step E	24.1207	1929.66	4180.92	50171.06
		Step F	24.8444	1987.55	4306.36	51676.35
		Step G	25.5897	2047.18	4435.55	53226.58
		Step H	26.3574	2108.59	4568.62	54823.39
		Step I	27.1480	2171.84	4705.65	56467.84
		Step J	27.9625	2237.00	4846.83	58162.00
		Step K	28.8015	2304.12	4992.26	59907.12
		Step L	29.6654	2373.23	5142.00	61704.03



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3335B	Finance Clerk II-B	Step A	23.1909	1855.27	4019.76	48237.07
		Step B	24.2811	1942.49	4208.72	50504.69
		Step C	25.0097	2000.78	4335.01	52020.18
		Step D	25.7599	2060.79	4465.05	53580.59
		Step E	26.5327	2122.62	4599.00	55188.02
		Step F	27.3288	2186.30	4736.99	56843.90
		Step G	28.1486	2251.89	4879.09	58549.09
		Step H	28.9929	2319.43	5025.44	60305.23
		Step I	29.8629	2389.03	5176.24	62114.83
		Step J	30.7587	2460.70	5331.51	63978.10
		Step K	31.6814	2534.51	5491.44	65897.31
		Step L	32.6318	2610.54	5656.18	67874.14



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3325B	Finance Technician I-B	Step A	24.1476	1931.81	4185.58	50227.01
		Step B	25.2831	2022.65	4382.40	52588.85
		Step C	26.0415	2083.32	4513.86	54166.32
		Step D	26.8227	2145.82	4649.27	55791.22
		Step E	27.6274	2210.19	4788.75	57464.99
		Step F	28.4564	2276.51	4932.44	59189.31
		Step G	29.3100	2344.80	5080.40	60964.80
		Step H	30.1893	2415.14	5232.81	62793.74
		Step I	31.0949	2487.59	5389.78	64677.39
		Step J	32.0279	2562.23	5551.50	66618.03
		Step K	32.9886	2639.09	5718.02	68616.29
		Step L	33.9782	2718.26	5889.55	70674.66



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3326B	Finance Technician II-B	Step A	26.5624	2124.99	4604.15	55249.79
		Step B	27.8113	2224.90	4820.63	57847.50
		Step C	28.6458	2291.66	4965.27	59583.26
		Step D	29.5051	2360.41	5114.22	61370.61
		Step E	30.3902	2431.22	5267.63	63211.62
		Step F	31.3020	2504.16	5425.68	65108.16
		Step G	32.2411	2579.29	5588.46	67061.49
		Step H	33.2083	2656.66	5756.11	69073.26
		Step I	34.2045	2736.36	5928.78	71145.36
		Step J	35.2306	2818.45	6106.64	73279.65
		Step K	36.2875	2903.00	6289.83	75478.00
		Step L	37.3762	2990.10	6478.54	77742.50



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
3319B	Fleet Management Technician-B	Step A	33.9747	2717.98	5888.95	70667.38
		Step B	35.5719	2845.75	6165.80	73989.55
		Step C	36.6390	2931.12	6350.76	76209.12
		Step D	37.7382	3019.06	6541.29	78495.46
		Step E	38.8704	3109.63	6737.54	80850.43
		Step F	40.0366	3202.93	6939.68	83276.13
		Step G	41.2376	3299.01	7147.85	85774.21
		Step H	42.4748	3397.98	7362.30	88347.58
		Step I	43.7491	3499.93	7583.18	90998.13
		Step J	45.0615	3604.92	7810.66	93727.92
		Step K	46.4133	3713.06	8044.97	96539.66
		Step L	47.8057	3824.46	8286.32	99435.86



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1113B	Fleet Services Parts Buyer-B	Step A	33.9747	2717.98	5888.95	70667.38
		Step B	35.5719	2845.75	6165.80	73989.55
		Step C	36.6390	2931.12	6350.76	76209.12
		Step D	37.7382	3019.06	6541.29	78495.46
		Step E	38.8704	3109.63	6737.54	80850.43
		Step F	40.0366	3202.93	6939.68	83276.13
		Step G	41.2376	3299.01	7147.85	85774.21
		Step H	42.4748	3397.98	7362.30	88347.58
		Step I	43.7491	3499.93	7583.18	90998.13
		Step J	45.0615	3604.92	7810.66	93727.92
		Step K	46.4133	3713.06	8044.97	96539.66
		Step L	47.8057	3824.46	8286.32	99435.86



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3410B	GIS Analyst I-B	Step A	34.3901	2751.21	5960.95	71531.41
		Step B	36.0068	2880.54	6241.18	74894.14
		Step C	37.0870	2966.96	6428.41	77140.96
		Step D	38.1996	3055.97	6621.26	79455.17
		Step E	39.3455	3147.64	6819.89	81838.64
		Step F	40.5258	3242.06	7024.47	84293.66
		Step G	41.7418	3339.34	7235.25	86822.94
		Step H	42.9939	3439.51	7452.28	89427.31
		Step I	44.2838	3542.70	7675.86	92110.30
		Step J	45.6122	3648.98	7906.11	94873.38
		Step K	46.9807	3758.46	8143.32	97719.86
		Step L	48.3901	3871.21	8387.62	100651.41



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3412B	GIS Analyst II-B	Step A	37.8298	3026.38	6557.17	78685.98
		Step B	39.6081	3168.65	6865.40	82384.85
		Step C	40.7963	3263.70	7071.36	84856.30
		Step D	42.0202	3361.62	7283.50	87402.02
		Step E	43.2808	3462.46	7502.01	90024.06
		Step F	44.5793	3566.34	7727.08	92724.94
		Step G	45.9167	3673.34	7958.89	95506.74
		Step H	47.2941	3783.53	8197.64	98371.73
		Step I	48.7129	3897.03	8443.57	101322.83
		Step J	50.1744	4013.95	8696.90	104362.75
		Step K	51.6796	4134.37	8957.80	107493.57
		Step L	53.2300	4258.40	9226.53	110718.40



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
2213B	GIS Technician I-B	Step A	28.9893	2319.14	5024.81	60297.74
		Step B	30.3522	2428.18	5261.05	63132.58
		Step C	31.2626	2501.01	5418.85	65026.21
		Step D	32.2006	2576.05	5581.44	66977.25
		Step E	33.1665	2653.32	5748.86	68986.32
		Step F	34.1615	2732.92	5921.33	71055.92
		Step G	35.1863	2814.90	6098.96	73187.50
		Step H	36.2420	2899.36	6281.95	75383.36
		Step I	37.3292	2986.34	6470.39	77644.74
		Step J	38.4491	3075.93	6664.51	79974.13
		Step K	39.6026	3168.21	6864.45	82373.41
		Step L	40.7907	3263.26	7070.39	84844.66



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2214B	GIS Technician II-B	Step Name	Hourly	Bi-Weekly	Monthly	Annual
		Step A	31.8882	2551.06	5527.29	66327.46
		Step B	33.3872	2670.98	5787.11	69445.38
		Step C	34.3890	2751.12	5960.76	71529.12
		Step D	35.4206	2833.65	6139.57	73674.85
		Step E	36.4833	2918.66	6323.77	75885.26
		Step F	37.5776	3006.21	6513.45	78161.41
		Step G	38.7050	3096.40	6708.87	80506.40
		Step H	39.8661	3189.29	6910.12	82921.49
		Step I	41.0622	3284.98	7117.45	85409.38
		Step J	42.2941	3383.53	7330.98	87971.73
		Step K	43.5629	3485.03	7550.90	90610.83
		Step L	44.8697	3589.58	7777.41	93328.98



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1101B	Graphic Designer-B	Step A	35.1435	2811.48	6091.54	73098.48
		Step B	36.7958	2943.66	6377.94	76535.26
		Step C	37.8997	3031.98	6569.28	78831.38
		Step D	39.0367	3122.94	6766.36	81196.34
		Step E	40.2078	3216.62	6969.35	83632.22
		Step F	41.4139	3313.11	7178.41	86140.91
		Step G	42.6564	3412.51	7393.78	88725.31
		Step H	43.9361	3514.89	7615.59	91387.09
		Step I	45.2542	3620.34	7844.06	94128.74
		Step J	46.6118	3728.94	8079.38	96952.54
		Step K	48.0101	3840.81	8321.75	99861.01
		Step L	49.4505	3956.04	8571.42	102857.04



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3401B	Housing Analyst I-B	Step A	33.6754	2694.03	5837.07	70044.83
		Step B	35.2586	2820.69	6111.49	73337.89
		Step C	36.3164	2905.31	6294.84	75538.11
		Step D	37.4059	2992.47	6483.69	77804.27
		Step E	38.5280	3082.24	6678.19	80138.24
		Step F	39.6838	3174.70	6878.53	82542.30
		Step G	40.8743	3269.94	7084.88	85018.54
		Step H	42.1006	3368.05	7297.44	87569.25
		Step I	43.3637	3469.10	7516.37	90196.50
		Step J	44.6646	3573.17	7741.86	92902.37
		Step K	46.0045	3680.36	7974.11	95689.36
		Step L	47.3845	3790.76	8213.31	98559.76



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3402B	Housing Analyst II-B	Step A	37.0428	2963.42	6420.75	77049.02
		Step B	38.7846	3102.77	6722.66	80671.97
		Step C	39.9481	3195.85	6924.34	83092.05
		Step D	41.1466	3291.73	7132.08	85584.93
		Step E	42.3809	3390.47	7346.02	88152.27
		Step F	43.6524	3492.19	7566.42	90796.99
		Step G	44.9619	3596.95	7793.40	93520.75
		Step H	46.3108	3704.86	8027.21	96326.46
		Step I	47.7002	3816.02	8268.03	99216.42
		Step J	49.1311	3930.49	8516.06	102192.69
		Step K	50.6052	4048.42	8771.57	105258.82
		Step L	52.1232	4169.86	9034.69	108416.26



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3591B	Housing Technician I-B	Step A	25.7640	2061.12	4465.76	53589.12
		Step B	26.9751	2158.01	4675.68	56108.21
		Step C	27.7844	2222.75	4815.96	57791.55
		Step D	28.6178	2289.42	4960.42	59525.02
		Step E	29.4764	2358.11	5109.24	61310.91
		Step F	30.3608	2428.86	5262.54	63150.46
		Step G	31.2715	2501.72	5420.39	65044.72
		Step H	32.2097	2576.78	5583.01	66996.18
		Step I	33.1759	2654.07	5750.49	69005.87
		Step J	34.1712	2733.70	5923.01	71076.10
		Step K	35.1963	2815.70	6100.69	73208.30
		Step L	36.2523	2900.18	6283.73	75404.78



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LO39 Stationary Engineers Local 39
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Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	28.3401	2267.21	4912.28	58947.41
Step B	29.6725	2373.80	5143.23	61718.80
Step C	30.5628	2445.02	5297.55	63570.62
Step D	31.4796	2518.37	5456.46	65477.57
Step E	32.4240	2593.92	5620.16	67441.92
Step F	33.3968	2671.74	5788.78	69465.34
Step G	34.3985	2751.88	5962.41	71548.88
Step H	35.4306	2834.45	6141.30	73695.65
Step I	36.4935	2919.48	6325.54	75906.48
Step J	37.5882	3007.06	6515.29	78183.46
Step K	38.7159	3097.27	6710.76	80529.07
Step L	39.8774	3190.19	6912.08	82944.99



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1136B	Industrial Waste Analyst-B	Step A	39.8025	3184.20	6899.10	82789.20
		Step B	41.6737	3333.90	7223.44	86681.30
		Step C	42.9239	3433.91	7440.14	89281.71
		Step D	44.2116	3536.93	7663.34	91960.13
		Step E	45.5381	3643.05	7893.27	94719.25
		Step F	46.9042	3752.34	8130.06	97560.74
		Step G	48.3113	3864.90	8373.96	100487.50
		Step H	49.7607	3980.86	8625.19	103502.26
		Step I	51.2535	4100.28	8883.94	106607.28
		Step J	52.7910	4223.28	9150.44	109805.28
		Step K	54.3748	4349.98	9424.97	113099.58
		Step L	56.0061	4480.49	9707.72	116492.69



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name				
		Hourly	Bi-Weekly	Monthly	Annual	
3610B	Industrial Waste Technician-B	Step A	32.8944	2631.55	5701.70	68420.35
		Step B	34.4409	2755.27	5969.76	71637.07
		Step C	35.4743	2837.94	6148.88	73786.54
		Step D	36.5386	2923.09	6333.36	76000.29
		Step E	37.6347	3010.78	6523.35	78280.18
		Step F	38.7638	3101.10	6719.06	80628.70
		Step G	39.9266	3194.13	6920.61	83047.33
		Step H	41.1244	3289.95	7128.23	85538.75
		Step I	42.3581	3388.65	7342.07	88104.85
		Step J	43.6289	3490.31	7562.34	90748.11
		Step K	44.9376	3595.01	7789.18	93470.21
		Step L	46.2859	3702.87	8022.89	96274.67



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3793B	Information Technology Analyst I-B	Step A	36.7118	2936.94	6363.38	76360.54
		Step B	38.4379	3075.03	6662.57	79950.83
		Step C	39.5910	3167.28	6862.44	82349.28
		Step D	40.7787	3262.30	7068.31	84819.70
		Step E	42.0021	3360.17	7280.36	87364.37
		Step F	43.2622	3460.98	7498.78	89985.38
		Step G	44.5600	3564.80	7723.73	92684.80
		Step H	45.8968	3671.74	7955.45	95465.34
		Step I	47.2737	3781.90	8194.11	98329.30
		Step J	48.6920	3895.36	8439.95	101279.36
		Step K	50.1526	4012.21	8693.12	104317.41
		Step L	51.6572	4132.58	8953.91	107446.98



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3794B	Information Technology Analyst II-B	Step A	40.3830	3230.64	6999.72	83996.64
		Step B	42.2816	3382.53	7328.81	87945.73
		Step C	43.5500	3484.00	7548.67	90584.00
		Step D	44.8566	3588.53	7775.14	93301.73
		Step E	46.2022	3696.18	8008.38	96100.58
		Step F	47.5882	3807.06	8248.62	98983.46
		Step G	49.0160	3921.28	8496.11	101953.28
		Step H	50.4864	4038.91	8750.98	105011.71
		Step I	52.0010	4160.08	9013.51	108162.08
		Step J	53.5610	4284.88	9283.91	111406.88
		Step K	55.1679	4413.43	9562.44	114749.23
		Step L	56.8229	4545.83	9849.30	118191.63



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Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3617B	Information Technology Technician I-B	Step A	28.4472	2275.78	4930.85	59170.18
		Step B	29.7850	2382.80	5162.73	61952.80
		Step C	30.6785	2454.28	5317.61	63811.28
		Step D	31.5988	2527.90	5477.13	65725.50
		Step E	32.5468	2603.74	5641.45	67697.34
		Step F	33.5231	2681.85	5810.67	69728.05
		Step G	34.5288	2762.30	5984.99	71819.90
		Step H	35.5646	2845.17	6164.53	73974.37
		Step I	36.6317	2930.54	6349.49	76193.94
		Step J	37.7305	3018.44	6539.95	78479.44
		Step K	38.8625	3109.00	6736.17	80834.00
		Step L	40.0283	3202.26	6938.24	83258.86



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Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3618B	Information Technology Technician II-B	Step A	31.2919	2503.35	5423.93	65087.15
		Step B	32.7631	2621.05	5678.94	68147.25
		Step C	33.7460	2699.68	5849.31	70191.68
		Step D	34.7584	2780.67	6024.79	72297.47
		Step E	35.8012	2864.10	6205.54	74466.50
		Step F	36.8753	2950.02	6391.72	76700.62
		Step G	37.9814	3038.51	6583.44	79001.31
		Step H	39.1209	3129.67	6780.96	81371.47
		Step I	40.2945	3223.56	6984.38	83812.56
		Step J	41.5033	3320.26	7193.91	86326.86
		Step K	42.7484	3419.87	7409.72	88916.67
		Step L	44.0309	3522.47	7632.02	91584.27



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Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
3730B	Interpretive Services Specialist I-B	Step A	27.9135	2233.08	4838.34	58060.08
		Step B	29.2259	2338.07	5065.82	60789.87
		Step C	30.1027	2408.22	5217.80	62613.62
		Step D	31.0058	2480.46	5374.34	64492.06
		Step E	31.9360	2554.88	5535.57	66426.88
		Step F	32.8941	2631.53	5701.64	68419.73
		Step G	33.8810	2710.48	5872.71	70472.48
		Step H	34.8973	2791.78	6048.87	72586.38
		Step I	35.9443	2875.54	6230.35	74764.14
		Step J	37.0227	2961.82	6417.27	77007.22
		Step K	38.1332	3050.66	6609.75	79317.06
		Step L	39.2773	3142.18	6808.07	81696.78



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3732B	Interpretive Services Specialist II-B	Step A	30.7050	2456.40	5322.20	63866.40
		Step B	32.1487	2571.90	5572.44	66869.30
		Step C	33.1132	2649.06	5739.62	68875.46
		Step D	34.1067	2728.54	5911.83	70941.94
		Step E	35.1298	2810.38	6089.17	73069.98
		Step F	36.1836	2894.69	6271.82	75261.89
		Step G	37.2692	2981.54	6459.99	77519.94
		Step H	38.3873	3070.98	6653.80	79845.58
		Step I	39.5389	3163.11	6853.41	82240.91
		Step J	40.7250	3258.00	7059.00	84708.00
		Step K	41.9468	3355.74	7270.78	87249.34
		Step L	43.2052	3456.42	7488.90	89866.82



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7203B	Inventory Control and Supply Technician-B	Step A	24.8872	1990.98	4313.78	51765.38
		Step B	26.0574	2084.59	4516.62	54199.39
		Step C	26.8391	2147.13	4652.11	55825.33
		Step D	27.6443	2211.54	4791.68	57500.14
		Step E	28.4736	2277.89	4935.42	59225.09
		Step F	29.3278	2346.22	5083.49	61001.82
		Step G	30.2077	2416.62	5236.00	62832.02
		Step H	31.1139	2489.11	5393.08	64716.91
		Step I	32.0473	2563.78	5554.87	66658.38
		Step J	33.0087	2640.70	5721.51	68658.10
		Step K	33.9989	2719.91	5893.14	70717.71
		Step L	35.0189	2801.51	6069.94	72839.31



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
8951B	Inventory Control and Supply Worker I-B	Step A	20.5681	1645.45	3565.14	42781.65
		Step B	21.5350	1722.80	3732.73	44792.80
		Step C	22.1810	1774.48	3844.71	46136.48
		Step D	22.8464	1827.71	3960.04	47520.51
		Step E	23.5320	1882.56	4078.88	48946.56
		Step F	24.2379	1939.03	4201.24	50414.83
		Step G	24.9650	1997.20	4327.27	51927.20
		Step H	25.7139	2057.11	4457.08	53484.91
		Step I	26.4854	2118.83	4590.80	55089.63
		Step J	27.2800	2182.40	4728.53	56742.40
		Step K	28.0982	2247.86	4870.35	58444.26
		Step L	28.9412	2315.30	5016.47	60197.70



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
8952B	Inventory Control and Supply Worker II-B	Step A	22.6247	1809.98	3921.61	47059.38
		Step B	23.6886	1895.09	4106.02	49272.29
		Step C	24.3991	1951.93	4229.18	50750.13
		Step D	25.1311	2010.49	4356.06	52272.69
		Step E	25.8851	2070.81	4486.75	53841.01
		Step F	26.6616	2132.93	4621.34	55456.13
		Step G	27.4615	2196.92	4759.99	57119.92
		Step H	28.2853	2262.82	4902.79	58833.42
		Step I	29.1339	2330.71	5049.88	60598.51
		Step J	30.0079	2400.63	5201.37	62416.43
		Step K	30.9082	2472.66	5357.42	64289.06
		Step L	31.8354	2546.83	5518.14	66217.63



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5075B	Irrigation Technician-B	Step A	30.6961	2455.69	5320.66	63847.89
		Step B	32.1391	2571.13	5570.78	66849.33
		Step C	33.1034	2648.27	5737.92	68855.07
		Step D	34.0965	2727.72	5910.06	70920.72
		Step E	35.1193	2809.54	6087.35	73048.14
		Step F	36.1729	2893.83	6269.97	75239.63
		Step G	37.2581	2980.65	6458.07	77496.85
		Step H	38.3758	3070.06	6651.81	79821.66
		Step I	39.5271	3162.17	6851.36	82216.37
		Step J	40.7128	3257.02	7056.89	84682.62
		Step K	41.9342	3354.74	7268.59	87223.14
		Step L	43.1923	3455.38	7486.67	89839.98



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3792B	Junior Engineer-B	Step A	35.4413	2835.30	6143.16	73717.90
		Step B	37.1077	2968.62	6432.00	77184.02
		Step C	38.2208	3057.66	6624.94	79499.26
		Step D	39.3675	3149.40	6823.70	81884.40
		Step E	40.5486	3243.89	7028.42	84341.09
		Step F	41.7651	3341.21	7239.28	86871.41
		Step G	43.0179	3441.43	7456.44	89477.23
		Step H	44.3085	3544.68	7680.14	92161.68
		Step I	45.6378	3651.02	7910.55	94926.62
		Step J	47.0069	3760.55	8147.86	97774.35
		Step K	48.4171	3873.37	8392.30	100707.57
		Step L	49.8696	3989.57	8644.06	103728.77



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1134B	Laboratory Analyst I-B	Step A	29.9042	2392.34	5183.39	62200.74
		Step B	31.3102	2504.82	5427.10	65125.22
		Step C	32.2495	2579.96	5589.91	67078.96
		Step D	33.2170	2657.36	5757.61	69091.36
		Step E	34.2135	2737.08	5930.34	71164.08
		Step F	35.2398	2819.18	6108.23	73298.78
		Step G	36.2971	2903.77	6291.50	75497.97
		Step H	37.3859	2990.87	6480.22	77762.67
		Step I	38.5075	3080.60	6674.63	80095.60
		Step J	39.6628	3173.02	6874.89	82498.62
		Step K	40.8526	3268.21	7081.12	84973.41
		Step L	42.0782	3366.26	7293.55	87522.66



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1135B	Laboratory Analyst II-B	Step A	32.8946	2631.57	5701.73	68420.77
		Step B	34.4410	2755.28	5969.77	71637.28
		Step C	35.4743	2837.94	6148.88	73786.54
		Step D	36.5386	2923.09	6333.36	76000.29
		Step E	37.6347	3010.78	6523.35	78280.18
		Step F	38.7638	3101.10	6719.06	80628.70
		Step G	39.9267	3194.14	6920.63	83047.54
		Step H	41.1245	3289.96	7128.25	85538.96
		Step I	42.3582	3388.66	7342.09	88105.06
		Step J	43.6289	3490.31	7562.34	90748.11
		Step K	44.9378	3595.02	7789.22	93470.62
		Step L	46.2860	3702.88	8022.91	96274.88



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4010B	Laboratory Technician I-B	Step A	26.1704	2093.63	4536.20	54434.43
		Step B	27.4010	2192.08	4749.51	56994.08
		Step C	28.2230	2257.84	4891.99	58703.84
		Step D	29.0698	2325.58	5038.77	60465.18
		Step E	29.9419	2395.35	5189.93	62279.15
		Step F	30.8401	2467.21	5345.62	64147.41
		Step G	31.7654	2541.23	5506.00	66072.03
		Step H	32.7182	2617.46	5671.15	68053.86
		Step I	33.6997	2695.98	5841.28	70095.38
		Step J	34.7108	2776.86	6016.54	72198.46
		Step K	35.7521	2860.17	6197.03	74364.37
		Step L	36.8247	2945.98	6382.95	76595.38



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name					
		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4020B	Laboratory Technician II-B	Step A	28.7867	2302.94	4989.69	59876.34
		Step B	30.1401	2411.21	5224.28	62691.41
		Step C	31.0445	2483.56	5381.05	64572.56
		Step D	31.9757	2558.06	5542.45	66509.46
		Step E	32.9351	2634.81	5708.75	68505.01
		Step F	33.9231	2713.85	5880.00	70560.05
		Step G	34.9407	2795.26	6056.39	72676.66
		Step H	35.9890	2879.12	6238.09	74857.12
		Step I	37.0686	2965.49	6425.22	77102.69
		Step J	38.1807	3054.46	6617.99	79415.86
		Step K	39.3261	3146.09	6816.52	81798.29
		Step L	40.5060	3240.48	7021.04	84252.48



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4151B	Librarian I-B	Step A	29.0017	2320.14	5026.96	60323.54
		Step B	30.3652	2429.22	5263.30	63159.62
		Step C	31.2762	2502.10	5421.21	65054.50
		Step D	32.2145	2577.16	5583.85	67006.16
		Step E	33.1810	2654.48	5751.37	69016.48
		Step F	34.1764	2734.11	5923.91	71086.91
		Step G	35.2017	2816.14	6101.63	73219.54
		Step H	36.2577	2900.62	6284.67	75416.02
		Step I	37.3454	2987.63	6473.20	77678.43
		Step J	38.4659	3077.27	6667.42	80009.07
		Step K	39.6197	3169.58	6867.41	82408.98
		Step L	40.8083	3264.66	7073.44	84881.26



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name					
		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4152B	Librarian II-B	Step A	31.9018	2552.14	5529.65	66355.74
		Step B	33.4018	2672.14	5789.65	69475.74
		Step C	34.4039	2752.31	5963.34	71560.11
		Step D	35.4360	2834.88	6142.24	73706.88
		Step E	36.4991	2919.93	6326.51	75918.13
		Step F	37.5939	3007.51	6516.28	78195.31
		Step G	38.7218	3097.74	6711.78	80541.34
		Step H	39.8835	3190.68	6913.14	82957.68
		Step I	41.0800	3286.40	7120.53	85446.40
		Step J	42.3124	3384.99	7334.15	88009.79
		Step K	43.5817	3486.54	7554.16	90649.94
		Step L	44.8893	3591.14	7780.81	93369.74



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

4200B	Library Assistant I-B	Step Name	Hourly	Bi-Weekly	Monthly	Annual
		Step A	18.5842	1486.74	3221.26	38655.14
		Step B	19.4581	1556.65	3372.74	40472.85
		Step C	20.0418	1603.34	3473.91	41686.94
		Step D	20.6431	1651.45	3578.14	42937.65
		Step E	21.2623	1700.98	3685.47	44225.58
		Step F	21.9002	1752.02	3796.03	45552.42
		Step G	22.5573	1804.58	3909.93	46919.18
		Step H	23.2340	1858.72	4027.23	48326.72
		Step I	23.9309	1914.47	4148.02	49776.27
		Step J	24.6489	1971.91	4272.48	51269.71
		Step K	25.3884	2031.07	4400.66	52807.87
		Step L	26.1500	2092.00	4532.67	54392.00



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4210B	Library Assistant II-B	Step A	20.4428	1635.42	3543.42	42521.02
		Step B	21.4038	1712.30	3709.99	44519.90
		Step C	22.0460	1763.68	3821.31	45855.68
		Step D	22.7074	1816.59	3935.95	47231.39
		Step E	23.3886	1871.09	4054.02	48648.29
		Step F	24.0903	1927.22	4175.65	50107.82
		Step G	24.8131	1985.05	4300.94	51611.25
		Step H	25.5574	2044.59	4429.95	53159.39
		Step I	26.3242	2105.94	4562.86	54754.34
		Step J	27.1138	2169.10	4699.73	56396.70
		Step K	27.9273	2234.18	4840.73	58088.78
		Step L	28.7651	2301.21	4985.95	59831.41



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4250B	Library Technician-B	Step A	24.8891	1991.13	4314.11	51769.33
		Step B	26.0593	2084.74	4516.95	54203.34
		Step C	26.8412	2147.30	4652.47	55829.70
		Step D	27.6464	2211.71	4792.04	57504.51
		Step E	28.4757	2278.06	4935.79	59229.46
		Step F	29.3300	2346.40	5083.87	61006.40
		Step G	30.2099	2416.79	5236.38	62836.59
		Step H	31.1162	2489.30	5393.47	64721.70
		Step I	32.0497	2563.98	5555.28	66663.38
		Step J	33.0112	2640.90	5721.94	68663.30
		Step K	34.0015	2720.12	5893.59	70723.12
		Step L	35.0216	2801.73	6070.41	72844.93



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4516B	Marketing and Communication Analyst I-B	Step A	35.1436	2811.49	6091.56	73098.69
		Step B	36.7959	2943.67	6377.96	76535.47
		Step C	37.8998	3031.98	6569.30	78831.58
		Step D	39.0367	3122.94	6766.36	81196.34
		Step E	40.2079	3216.63	6969.37	83632.43
		Step F	41.4140	3313.12	7178.43	86141.12
		Step G	42.6565	3412.52	7393.79	88725.52
		Step H	43.9362	3514.90	7615.61	91387.30
		Step I	45.2543	3620.34	7844.08	94128.94
		Step J	46.6120	3728.96	8079.41	96952.96
		Step K	48.0102	3840.82	8321.77	99861.22
		Step L	49.4506	3956.05	8571.44	102857.25



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4517B	Marketing and Communication Analyst II-B	Step A	38.6579	3092.63	6700.70	80408.43
		Step B	40.4754	3238.03	7015.74	84188.83
		Step C	41.6896	3335.17	7226.20	86714.37
		Step D	42.9403	3435.22	7442.99	89315.82
		Step E	44.2285	3538.28	7666.27	91995.28
		Step F	45.5554	3644.43	7896.27	94755.23
		Step G	46.9220	3753.76	8133.15	97597.76
		Step H	48.3296	3866.37	8377.13	100525.57
		Step I	49.7796	3982.37	8628.46	103541.57
		Step J	51.2730	4101.84	8887.32	106647.84
		Step K	52.8113	4224.90	9153.96	109847.50
		Step L	54.3955	4351.64	9428.55	113142.64



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name					
		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4500B	Mechanic I-B	Step A	28.0782	2246.26	4866.89	58402.66
		Step B	29.3982	2351.86	5095.69	61148.26
		Step C	30.2801	2422.41	5248.55	62982.61
		Step D	31.1887	2495.10	5406.04	64872.50
		Step E	32.1242	2569.94	5568.19	66818.34
		Step F	33.0880	2647.04	5735.25	68823.04
		Step G	34.0806	2726.45	5907.30	70887.65
		Step H	35.1031	2808.25	6084.54	73014.45
		Step I	36.1563	2892.50	6267.09	75205.10
		Step J	37.2408	2979.26	6455.07	77460.86
		Step K	38.3582	3068.66	6648.75	79785.06
		Step L	39.5088	3160.70	6848.19	82178.30



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4501B	Mechanic II-B	Step A	30.8860	2470.88	5353.57	64242.88
		Step B	32.3381	2587.05	5605.27	67263.25
		Step C	33.3082	2664.66	5773.42	69281.06
		Step D	34.3076	2744.61	5946.65	71359.81
		Step E	35.3368	2826.94	6125.05	73500.54
		Step F	36.3968	2911.74	6308.78	75705.34
		Step G	37.4889	2999.11	6498.08	77976.91
		Step H	38.6135	3089.08	6693.01	80316.08
		Step I	39.7718	3181.74	6893.78	82725.34
		Step J	40.9649	3277.19	7100.58	85206.99
		Step K	42.1939	3375.51	7313.61	87763.31
		Step L	43.4597	3476.78	7533.01	90396.18



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4540B	Meter Reader-B	Step A	23.1109	1848.87	4005.89	48070.67
		Step B	24.1970	1935.76	4194.15	50329.76
		Step C	24.9229	1993.83	4319.97	51839.63
		Step D	25.6706	2053.65	4449.57	53394.85
		Step E	26.4407	2115.26	4583.05	54996.66
		Step F	27.2339	2178.71	4720.54	56646.51
		Step G	28.0509	2244.07	4862.16	58345.87
		Step H	28.8925	2311.40	5008.03	60096.40
		Step I	29.7592	2380.74	5158.26	61899.14
		Step J	30.6520	2452.16	5313.01	63756.16
		Step K	31.5715	2525.72	5472.39	65668.72
		Step L	32.5186	2601.49	5636.56	67638.69



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4534B	Meter Service Worker-B	Step A	24.2670	1941.36	4206.28	50475.36
		Step B	25.4068	2032.54	4403.85	52846.14
		Step C	26.1690	2093.52	4535.96	54431.52
		Step D	26.9540	2156.32	4672.03	56064.32
		Step E	27.7627	2221.02	4812.20	57746.42
		Step F	28.5956	2287.65	4956.57	59478.85
		Step G	29.4535	2356.28	5105.27	61263.28
		Step H	30.3370	2426.96	5258.41	63100.96
		Step I	31.2471	2499.77	5416.16	64993.97
		Step J	32.1846	2574.77	5578.66	66943.97
		Step K	33.1500	2652.00	5746.00	68952.00
		Step L	34.1459	2731.67	5918.62	71023.47



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1121B	Museum Assistant-B	Step A	20.6035	1648.28	3571.27	42855.28
		Step B	21.5723	1725.78	3739.20	44870.38
		Step C	22.2194	1777.55	3851.36	46216.35
		Step D	22.8861	1830.89	3966.92	47603.09
		Step E	23.5726	1885.81	4085.92	49031.01
		Step F	24.2798	1942.38	4208.50	50501.98
		Step G	25.0082	2000.66	4334.75	52017.06
		Step H	25.7584	2060.67	4464.79	53577.47
		Step I	26.5312	2122.50	4598.74	55184.90
		Step J	27.3271	2186.17	4736.70	56840.37
		Step K	28.1469	2251.75	4878.80	58545.55
		Step L	28.9913	2319.30	5025.16	60301.90



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
9555B	Natural Resources Specialist I-B	Step A	29.3008	2344.06	5078.81	60945.66
		Step B	30.6783	2454.26	5317.57	63810.86
		Step C	31.5986	2527.89	5477.09	65725.09
		Step D	32.5466	2603.73	5641.41	67696.93
		Step E	33.5230	2681.84	5810.65	69727.84
		Step F	34.5287	2762.30	5984.97	71819.70
		Step G	35.5645	2845.16	6164.51	73974.16
		Step H	36.6315	2930.52	6349.46	76193.52
		Step I	37.7305	3018.44	6539.95	78479.44
		Step J	38.8624	3108.99	6736.15	80833.79
		Step K	40.0282	3202.26	6938.22	83258.66
		Step L	41.2290	3298.32	7146.36	85756.32



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
9545B	Natural Resources Specialist II-B	Step A	32.2308	2578.46	5586.67	67040.06
		Step B	33.7462	2699.70	5849.34	70192.10
		Step C	34.7585	2780.68	6024.81	72297.68
		Step D	35.8012	2864.10	6205.54	74466.50
		Step E	36.8754	2950.03	6391.74	76700.83
		Step F	37.9816	3038.53	6583.48	79001.73
		Step G	39.1210	3129.68	6780.97	81371.68
		Step H	40.2947	3223.58	6984.41	83812.98
		Step I	41.5035	3320.28	7193.94	86327.28
		Step J	42.7485	3419.88	7409.74	88916.88
		Step K	44.0310	3522.48	7632.04	91584.48
		Step L	45.3520	3628.16	7861.01	94332.16



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name					
		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4870B	Natural Resources Worker I-B	Step A	23.1630	1853.04	4014.92	48179.04
		Step B	24.2522	1940.18	4203.71	50444.58
		Step C	24.9797	1998.38	4329.81	51957.78
		Step D	25.7291	2058.33	4459.71	53516.53
		Step E	26.5011	2120.09	4593.52	55122.29
		Step F	27.2961	2183.69	4731.32	56775.89
		Step G	28.1148	2249.18	4873.23	58478.78
		Step H	28.9583	2316.66	5019.44	60233.26
		Step I	29.8272	2386.18	5170.05	62040.58
		Step J	30.7218	2457.74	5325.11	63901.34
		Step K	31.6436	2531.49	5484.89	65818.69
		Step L	32.5928	2607.42	5649.42	67793.02



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name					
		Step Name	Hourly	Bi-Weekly	Monthly	Annual
4872B	Natural Resources Worker II-B	Step A	25.4798	2038.38	4416.50	52997.98
		Step B	26.6775	2134.20	4624.10	55489.20
		Step C	27.4779	2198.23	4762.84	57154.03
		Step D	28.3021	2264.17	4905.70	58868.37
		Step E	29.1512	2332.10	5052.87	60634.50
		Step F	30.0257	2402.06	5204.45	62453.46
		Step G	30.9265	2474.12	5360.59	64327.12
		Step H	31.8543	2548.34	5521.41	66256.94
		Step I	32.8099	2624.79	5687.05	68244.59
		Step J	33.7943	2703.54	5857.68	70292.14
		Step K	34.8081	2784.65	6033.40	72400.85
		Step L	35.8523	2868.18	6214.40	74572.78



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4956B	Office Assistant I-B	Step A	18.7304	1498.43	3246.60	38959.23
		Step B	19.6112	1568.90	3399.27	40791.30
		Step C	20.1995	1615.96	3501.25	42014.96
		Step D	20.8055	1664.44	3606.29	43275.44
		Step E	21.4297	1714.38	3714.48	44573.78
		Step F	22.0726	1765.81	3825.92	45911.01
		Step G	22.7347	1818.78	3940.68	47288.18
		Step H	23.4167	1873.34	4058.89	48706.74
		Step I	24.1192	1929.54	4180.66	50167.94
		Step J	24.8428	1987.42	4306.09	51673.02
		Step K	25.5881	2047.05	4435.27	53223.25
		Step L	26.3557	2108.46	4568.32	54819.86



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
4957B	Office Assistant II-B	Step A	20.6035	1648.28	3571.27	42855.28
		Step B	21.5723	1725.78	3739.20	44870.38
		Step C	22.2194	1777.55	3851.36	46216.35
		Step D	22.8861	1830.89	3966.92	47603.09
		Step E	23.5726	1885.81	4085.92	49031.01
		Step F	24.2798	1942.38	4208.50	50501.98
		Step G	25.0082	2000.66	4334.75	52017.06
		Step H	25.7584	2060.67	4464.79	53577.47
		Step I	26.5312	2122.50	4598.74	55184.90
		Step J	27.3271	2186.17	4736.70	56840.37
		Step K	28.1469	2251.75	4878.80	58545.55
		Step L	28.9913	2319.30	5025.16	60301.90



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1028B	Organics Truck Driver-B	Step A	29.9378	2395.02	5189.22	62270.62
		Step B	31.3453	2507.62	5433.19	65198.22
		Step C	32.2858	2582.86	5596.21	67154.46
		Step D	33.2543	2660.34	5764.08	69168.94
		Step E	34.2519	2740.15	5937.00	71243.95
		Step F	35.2794	2822.35	6115.10	73381.15
		Step G	36.3378	2907.02	6298.55	75582.62
		Step H	37.4280	2994.24	6487.52	77850.24
		Step I	38.5508	3084.06	6682.14	80185.66
		Step J	39.7074	3176.59	6882.62	82591.39
		Step K	40.8986	3271.89	7089.09	85069.09
		Step L	42.1256	3370.05	7301.77	87621.25



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1160B	Parks Contract Compliance Technician-B	Step A	30.6961	2455.69	5320.66	63847.89
		Step B	32.1394	2571.15	5570.83	66849.95
		Step C	33.1035	2648.28	5737.94	68855.28
		Step D	34.0966	2727.73	5910.08	70920.93
		Step E	35.1195	2809.56	6087.38	73048.56
		Step F	36.1730	2893.84	6269.99	75239.84
		Step G	37.2582	2980.66	6458.09	77497.06
		Step H	38.3760	3070.08	6651.84	79822.08
		Step I	39.5273	3162.18	6851.40	82216.78
		Step J	40.7131	3257.05	7056.94	84683.25
		Step K	41.9345	3354.76	7268.65	87223.76
		Step L	43.1925	3455.40	7486.70	89840.40



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1162B	Parks Inspector-B	Step A	31.4635	2517.08	5453.67	65444.08
		Step B	32.9428	2635.42	5710.09	68521.02
		Step C	33.9311	2714.49	5881.39	70576.69
		Step D	34.9490	2795.92	6057.83	72693.92
		Step E	35.9975	2879.80	6239.57	74874.80
		Step F	37.0774	2966.19	6426.75	77120.99
		Step G	38.1897	3055.18	6619.55	79434.58
		Step H	39.3354	3146.83	6818.14	81817.63
		Step I	40.5155	3241.24	7022.69	84272.24
		Step J	41.7309	3338.47	7233.36	86800.27
		Step K	42.9828	3438.62	7450.35	89404.22
		Step L	44.2723	3541.78	7673.87	92086.38



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
5070B	Parks Maintenance Worker I-B	Step A	22.0602	1764.82	3823.77	45885.22
		Step B	23.0974	1847.79	4003.55	48042.59
		Step C	23.7904	1903.23	4123.67	49484.03
		Step D	24.5041	1960.33	4247.38	50968.53
		Step E	25.2392	2019.14	4374.79	52497.54
		Step F	25.9964	2079.71	4506.04	54072.51
		Step G	26.7762	2142.10	4641.21	55694.50
		Step H	27.5795	2206.36	4780.45	57365.36
		Step I	28.4069	2272.55	4923.86	59086.35
		Step J	29.2591	2340.73	5071.58	60858.93
		Step K	30.1369	2410.95	5223.73	62684.75
		Step L	31.0410	2483.28	5380.44	64565.28



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
5080B	Parks Maintenance Worker II-B	Step A	24.2663	1941.30	4206.16	50473.90
		Step B	25.4073	2032.58	4403.93	52847.18
		Step C	26.1695	2093.56	4536.05	54432.56
		Step D	26.9545	2156.36	4672.11	56065.36
		Step E	27.7632	2221.06	4812.29	57747.46
		Step F	28.5962	2287.70	4956.67	59480.10
		Step G	29.4540	2356.32	5105.36	61264.32
		Step H	30.3375	2427.00	5258.50	63102.00
		Step I	31.2477	2499.82	5416.27	64995.22
		Step J	32.1852	2574.82	5578.77	66945.22
		Step K	33.1508	2652.06	5746.14	68953.66
		Step L	34.1452	2731.62	5918.50	71022.02



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	30.6961	2455.69	5320.66	63847.89
Step B	32.1394	2571.15	5570.83	66849.95
Step C	33.1035	2648.28	5737.94	68855.28
Step D	34.0966	2727.73	5910.08	70920.93
Step E	35.1195	2809.56	6087.38	73048.56
Step F	36.1730	2893.84	6269.99	75239.84
Step G	37.2582	2980.66	6458.09	77497.06
Step H	38.3760	3070.08	6651.84	79822.08
Step I	39.5273	3162.18	6851.40	82216.78
Step J	40.7131	3257.05	7056.94	84683.25
Step K	41.9345	3354.76	7268.65	87223.76
Step L	43.1925	3455.40	7486.70	89840.40



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
5045B	Parks Recreation and Libraries Technician-B	Step A	28.4086	2272.69	4924.16	59089.89
		Step B	29.7441	2379.53	5155.64	61867.73
		Step C	30.6364	2450.91	5310.31	63723.71
		Step D	31.5557	2524.46	5469.65	65635.86
		Step E	32.5022	2600.18	5633.71	67604.58
		Step F	33.4773	2678.18	5802.73	69632.78
		Step G	34.4816	2758.53	5976.81	71721.73
		Step H	35.5160	2841.28	6156.11	73873.28
		Step I	36.5815	2926.52	6340.79	76089.52
		Step J	37.6790	3014.32	6531.03	78372.32
		Step K	38.8094	3104.75	6726.96	80723.55
		Step L	39.9737	3197.90	6928.77	83145.30



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9548B	Passport Agent-B	Step A	20.6040	1648.32	3571.36	42856.32
		Step B	21.5726	1725.81	3739.25	44871.01
		Step C	22.2197	1777.58	3851.41	46216.98
		Step D	22.8864	1830.91	3966.98	47603.71
		Step E	23.5730	1885.84	4085.99	49031.84
		Step F	24.2802	1942.42	4208.57	50502.82
		Step G	25.0086	2000.69	4334.82	52017.89
		Step H	25.7589	2060.71	4464.88	53578.51
		Step I	26.5316	2122.53	4598.81	55185.73
		Step J	27.3275	2186.20	4736.77	56841.20
		Step K	28.1473	2251.78	4878.87	58546.38
		Step L	28.9917	2319.34	5025.23	60302.74



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5277B	Permit Technician I-B	Step A	25.8258	2066.06	4476.47	53717.66
		Step B	27.0381	2163.05	4686.60	56239.25
		Step C	27.8491	2227.93	4827.18	57926.13
		Step D	28.6846	2294.77	4972.00	59663.97
		Step E	29.5451	2363.61	5121.15	61453.81
		Step F	30.4315	2434.52	5274.79	63297.52
		Step G	31.3445	2507.56	5433.05	65196.56
		Step H	32.2848	2582.78	5596.03	67152.38
		Step I	33.2534	2660.27	5763.92	69167.07
		Step J	34.2511	2740.09	5936.86	71242.29
		Step K	35.2786	2822.29	6114.96	73379.49
		Step L	36.3396	2907.17	6298.86	75586.37



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5279B	Permit Technician II-B	Step A	28.4083	2272.66	4924.11	59089.26
		Step B	29.7418	2379.34	5155.25	61862.94
		Step C	30.6340	2450.72	5309.89	63718.72
		Step D	31.5530	2524.24	5469.19	65630.24
		Step E	32.4996	2599.97	5633.26	67599.17
		Step F	33.4746	2677.97	5802.26	69627.17
		Step G	34.4788	2758.30	5976.33	71715.90
		Step H	35.5132	2841.06	6155.62	73867.46
		Step I	36.5786	2926.29	6340.29	76083.49
		Step J	37.6759	3014.07	6530.49	78365.87
		Step K	38.8062	3104.50	6726.41	80716.90
		Step L	39.9737	3197.90	6928.77	83145.30



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5560B	Project Coordinator-B	Step A	36.3133	2905.06	6294.31	75531.66
		Step B	38.0204	3041.63	6590.20	79082.43
		Step C	39.1612	3132.90	6787.94	81455.30
		Step D	40.3359	3226.87	6991.56	83898.67
		Step E	41.5459	3323.67	7201.29	86415.47
		Step F	42.7923	3423.38	7417.33	89007.98
		Step G	44.0761	3526.09	7639.86	91678.29
		Step H	45.3985	3631.88	7869.07	94428.88
		Step I	46.7604	3740.83	8105.14	97261.63
		Step J	48.1632	3853.06	8348.29	100179.46
		Step K	49.6081	3968.65	8598.74	103184.85
		Step L	51.0964	4087.71	8856.71	106280.51



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name				
			Hourly	Bi-Weekly	Monthly	Annual
9556B	Recreation Coordinator I-B	Step A	27.9135	2233.08	4838.34	58060.08
		Step B	29.2259	2338.07	5065.82	60789.87
		Step C	30.1027	2408.22	5217.80	62613.62
		Step D	31.0058	2480.46	5374.34	64492.06
		Step E	31.9360	2554.88	5535.57	66426.88
		Step F	32.8941	2631.53	5701.64	68419.73
		Step G	33.8810	2710.48	5872.71	70472.48
		Step H	34.8973	2791.78	6048.87	72586.38
		Step I	35.9443	2875.54	6230.35	74764.14
		Step J	37.0227	2961.82	6417.27	77007.22
		Step K	38.1332	3050.66	6609.75	79317.06
		Step L	39.2773	3142.18	6808.07	81696.78



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9543B	Recreation Coordinator II-B	Step A	30.7050	2456.40	5322.20	63866.40
		Step B	32.1487	2571.90	5572.44	66869.30
		Step C	33.1132	2649.06	5739.62	68875.46
		Step D	34.1067	2728.54	5911.83	70941.94
		Step E	35.1298	2810.38	6089.17	73069.98
		Step F	36.1836	2894.69	6271.82	75261.89
		Step G	37.2692	2981.54	6459.99	77519.94
		Step H	38.3873	3070.98	6653.80	79845.58
		Step I	39.5389	3163.11	6853.41	82240.91
		Step J	40.7250	3258.00	7059.00	84708.00
		Step K	41.9468	3355.74	7270.78	87249.34
		Step L	43.2052	3456.42	7488.90	89866.82



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
8304B	Recreation Leader-B	Step A	20.6035	1648.28	3571.27	42855.28
		Step B	21.5723	1725.78	3739.20	44870.38
		Step C	22.2194	1777.55	3851.36	46216.35
		Step D	22.8861	1830.89	3966.92	47603.09
		Step E	23.5726	1885.81	4085.92	49031.01
		Step F	24.2798	1942.38	4208.50	50501.98
		Step G	25.0082	2000.66	4334.75	52017.06
		Step H	25.7584	2060.67	4464.79	53577.47
		Step I	26.5312	2122.50	4598.74	55184.90
		Step J	27.3271	2186.17	4736.70	56840.37
		Step K	28.1469	2251.75	4878.80	58545.55
		Step L	28.9913	2319.30	5025.16	60301.90



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Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
6150B	Recycling and Organics Coordinator-B	Step A	34.5492	2763.94	5988.53	71862.34
		Step B	36.1734	2893.87	6270.06	75240.67
		Step C	37.2585	2980.68	6458.14	77497.68
		Step D	38.3763	3070.10	6651.89	79822.70
		Step E	39.5276	3162.21	6851.45	82217.41
		Step F	40.7134	3257.07	7056.99	84683.87
		Step G	41.9348	3354.78	7268.70	87224.38
		Step H	43.1929	3455.43	7486.77	89841.23
		Step I	44.4886	3559.09	7711.36	92536.29
		Step J	45.8233	3665.86	7942.71	95312.46
		Step K	47.1981	3775.85	8181.00	98172.05
		Step L	48.6140	3889.12	8426.43	101117.12



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
6225B	Refuse Maintenance Worker I-B	Step A	21.4216	1713.73	3713.08	44556.93
		Step B	22.4287	1794.30	3887.64	46651.70
		Step C	23.1017	1848.14	4004.29	48051.54
		Step D	23.7947	1903.58	4124.41	49492.98
		Step E	24.5085	1960.68	4248.14	50977.68
		Step F	25.2437	2019.50	4375.57	52506.90
		Step G	26.0011	2080.09	4506.86	54082.29
		Step H	26.7811	2142.49	4642.06	55704.69
		Step I	27.5845	2206.76	4781.31	57375.76
		Step J	28.4121	2272.97	4924.76	59097.17
		Step K	29.2644	2341.15	5072.50	60869.95
		Step L	30.1423	2411.38	5224.67	62695.98



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
6226B	Refuse Maintenance Worker II-B	Step A	23.5641	1885.13	4084.44	49013.33
		Step B	24.6716	1973.73	4276.41	51316.93
		Step C	25.4118	2032.94	4404.71	52856.54
		Step D	26.1741	2093.93	4536.84	54442.13
		Step E	26.9593	2156.74	4672.95	56075.34
		Step F	27.7682	2221.46	4813.15	57757.86
		Step G	28.6013	2288.10	4957.56	59490.70
		Step H	29.4593	2356.74	5106.28	61275.34
		Step I	30.3430	2427.44	5259.45	63113.44
		Step J	31.2534	2500.27	5417.26	65007.07
		Step K	32.1908	2575.26	5579.74	66956.86
		Step L	33.1567	2652.54	5747.16	68965.94



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
6302B	Refuse Truck Driver I-B	Step A	25.9187	2073.50	4492.57	53910.90
		Step B	27.1371	2170.97	4703.76	56445.17
		Step C	27.9511	2236.09	4844.86	58138.29
		Step D	28.7898	2303.18	4990.23	59882.78
		Step E	29.6536	2372.29	5139.96	61679.49
		Step F	30.5431	2443.45	5294.14	63529.65
		Step G	31.4594	2516.75	5452.96	65435.55
		Step H	32.4032	2592.26	5616.55	67398.66
		Step I	33.3752	2670.02	5785.03	69420.42
		Step J	34.3766	2750.13	5958.61	71503.33
		Step K	35.4078	2832.62	6137.35	73648.22
		Step L	36.4701	2917.61	6321.48	75857.81



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
6304B	Refuse Truck Driver II-B	Step A	28.5121	2280.97	4942.10	59305.17
		Step B	29.8526	2388.21	5174.45	62093.41
		Step C	30.7483	2459.86	5329.71	63956.46
		Step D	31.6707	2533.66	5489.59	65875.06
		Step E	32.6207	2609.66	5654.25	67851.06
		Step F	33.5995	2687.96	5823.91	69886.96
		Step G	34.6075	2768.60	5998.63	71983.60
		Step H	35.6456	2851.65	6178.57	74142.85
		Step I	36.7151	2937.21	6363.95	76367.41
		Step J	37.8166	3025.33	6554.88	78658.53
		Step K	38.9509	3116.07	6751.49	81017.87
		Step L	40.1194	3209.55	6954.03	83448.35



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1088B	Security Analyst I-B	Step A	38.5474	3083.79	6681.55	80178.59
		Step B	40.3598	3228.78	6995.70	83948.38
		Step C	41.5704	3325.63	7205.54	86466.43
		Step D	42.8175	3425.40	7421.70	89060.40
		Step E	44.1022	3528.18	7644.38	91732.58
		Step F	45.4252	3634.02	7873.70	94484.42
		Step G	46.7880	3743.04	8109.92	97319.04
		Step H	48.1916	3855.33	8353.21	100238.53
		Step I	49.6373	3970.98	8603.80	103245.58
		Step J	51.1264	4090.11	8861.91	106342.91
		Step K	52.6603	4212.82	9127.79	109533.42
		Step L	54.2400	4339.20	9401.60	112819.20



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1089B	Security Analyst II-B	Step A	42.4021	3392.17	7349.70	88196.37
		Step B	44.3957	3551.66	7695.25	92343.06
		Step C	45.7276	3658.21	7926.12	95113.41
		Step D	47.0994	3767.95	8163.90	97966.75
		Step E	48.5123	3880.98	8408.80	100905.58
		Step F	49.9677	3997.42	8661.07	103932.82
		Step G	51.4667	4117.34	8920.89	107050.74
		Step H	53.0107	4240.86	9188.52	110262.26
		Step I	54.6010	4368.08	9464.17	113570.08
		Step J	56.2391	4499.13	9748.11	116977.33
		Step K	57.9262	4634.10	10040.54	120486.50
		Step L	59.6641	4773.13	10341.78	124101.33



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1090B	Security Architect-B	Step A	44.5222	3561.78	7717.18	92606.18
		Step B	46.6154	3729.23	8080.00	96960.03
		Step C	48.0140	3841.12	8322.43	99869.12
		Step D	49.4543	3956.34	8572.08	102864.94
		Step E	50.9380	4075.04	8829.25	105951.04
		Step F	52.4662	4197.30	9094.14	109129.70
		Step G	54.0401	4323.21	9366.95	112403.41
		Step H	55.6613	4452.90	9647.96	115775.50
		Step I	57.3311	4586.49	9937.39	119248.69
		Step J	59.0511	4724.09	10235.52	122826.29
		Step K	60.8226	4865.81	10542.58	126511.01
		Step L	62.6472	5011.78	10858.85	130306.18



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1051B	Senior Accountant-B	Step A	39.0700	3125.60	6772.13	81265.60
		Step B	40.9068	3272.54	7090.51	85086.14
		Step C	42.1341	3370.73	7303.24	87638.93
		Step D	43.3981	3471.85	7522.34	90268.05
		Step E	44.7000	3576.00	7748.00	92976.00
		Step F	46.0412	3683.30	7980.47	95765.70
		Step G	47.4222	3793.78	8219.85	98638.18
		Step H	48.8448	3907.58	8466.43	101597.18
		Step I	50.3103	4024.82	8720.45	104645.42
		Step J	51.8196	4145.57	8982.06	107784.77
		Step K	53.3742	4269.94	9251.53	111018.34
		Step L	54.9754	4398.03	9529.07	114348.83



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7117B	Senior Building Inspector-B	Step A	39.2582	3140.66	6804.75	81657.06
		Step B	41.1039	3288.31	7124.68	85496.11
		Step C	42.3370	3386.96	7338.41	88060.96
		Step D	43.6072	3488.58	7558.58	90702.98
		Step E	44.9154	3593.23	7785.34	93424.03
		Step F	46.2629	3701.03	8018.90	96226.83
		Step G	47.6507	3812.06	8259.45	99113.46
		Step H	49.0802	3926.42	8507.23	102086.82
		Step I	50.5527	4044.22	8762.47	105149.62
		Step J	52.0693	4165.54	9025.35	108304.14
		Step K	53.6313	4290.50	9296.09	111553.10
		Step L	55.2402	4419.22	9574.97	114899.62



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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7119B	Senior Building Maintenance Worker-B	Step A	31.6797	2534.38	5491.15	65893.78
		Step B	33.1692	2653.54	5749.33	68991.94
		Step C	34.1643	2733.14	5921.81	71061.74
		Step D	35.1892	2815.14	6099.46	73193.54
		Step E	36.2449	2899.59	6282.45	75389.39
		Step F	37.3322	2986.58	6470.91	77650.98
		Step G	38.4522	3076.18	6665.05	79980.58
		Step H	39.6058	3168.46	6865.01	82380.06
		Step I	40.7939	3263.51	7070.94	84851.31
		Step J	42.0176	3361.41	7283.05	87396.61
		Step K	43.2783	3462.26	7501.57	90018.86
		Step L	44.5766	3566.13	7726.61	92719.33



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7195B	Senior Building Plans Examiner-B	Step A	40.0761	3206.09	6946.52	83358.29
		Step B	41.9601	3356.81	7273.08	87277.01
		Step C	43.2189	3457.51	7491.28	89895.31
		Step D	44.5155	3561.24	7716.02	92592.24
		Step E	45.8510	3668.08	7947.51	95370.08
		Step F	47.2266	3778.13	8185.94	98231.33
		Step G	48.6434	3891.47	8431.52	101178.27
		Step H	50.1025	4008.20	8684.43	104213.20
		Step I	51.6057	4128.46	8944.99	107339.86
		Step J	53.1539	4252.31	9213.34	110560.11
		Step K	54.7485	4379.88	9489.74	113876.88
		Step L	56.3910	4511.28	9774.44	117293.28



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7139B	Senior Buyer-B	Step A	35.5175	2841.40	6156.37	73876.40
		Step B	37.1872	2974.98	6445.78	77349.38
		Step C	38.3028	3064.22	6639.15	79669.82
		Step D	39.4518	3156.14	6838.31	82059.74
		Step E	40.6354	3250.83	7043.47	84521.63
		Step F	41.8545	3348.36	7254.78	87057.36
		Step G	43.1101	3448.81	7472.42	89669.01
		Step H	44.4035	3552.28	7696.61	92359.28
		Step I	45.7355	3658.84	7927.49	95129.84
		Step J	47.1077	3768.62	8165.33	97984.02
		Step K	48.5208	3881.66	8410.27	100923.26
		Step L	49.9764	3998.11	8662.58	103950.91



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7134B	Senior Code Enforcement Inspector-B	Step A	33.0618	2644.94	5730.71	68768.54
		Step B	34.6161	2769.29	6000.12	72001.49
		Step C	35.6546	2852.37	6180.13	74161.57
		Step D	36.7242	2937.94	6365.53	76386.34
		Step E	37.8260	3026.08	6556.51	78678.08
		Step F	38.9608	3116.86	6753.21	81038.46
		Step G	40.1297	3210.38	6955.81	83469.78
		Step H	41.3335	3306.68	7164.47	85973.68
		Step I	42.5735	3405.88	7379.41	88552.88
		Step J	43.8506	3508.05	7600.77	91209.25
		Step K	45.1662	3613.30	7828.81	93945.70
		Step L	46.5212	3721.70	8063.67	96764.10



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7121B	Senior Construction Inspector-B	Step A	36.3133	2905.06	6294.31	75531.66
		Step B	38.0204	3041.63	6590.20	79082.43
		Step C	39.1612	3132.90	6787.94	81455.30
		Step D	40.3359	3226.87	6991.56	83898.67
		Step E	41.5459	3323.67	7201.29	86415.47
		Step F	42.7923	3423.38	7417.33	89007.98
		Step G	44.0761	3526.09	7639.86	91678.29
		Step H	45.3985	3631.88	7869.07	94428.88
		Step I	46.7604	3740.83	8105.14	97261.63
		Step J	48.1632	3853.06	8348.29	100179.46
		Step K	49.6081	3968.65	8598.74	103184.85
		Step L	51.0964	4087.71	8856.71	106280.51



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7144B	Senior Custodian-B	Step A	21.8015	1744.12	3778.93	45347.12
		Step B	22.8264	1826.11	3956.58	47478.91
		Step C	23.5112	1880.90	4075.27	48903.30
		Step D	24.2167	1937.34	4197.56	50370.74
		Step E	24.9431	1995.45	4323.47	51881.65
		Step F	25.6913	2055.30	4453.16	53437.90
		Step G	26.4621	2116.97	4586.76	55041.17
		Step H	27.2559	2180.47	4724.36	56692.27
		Step I	28.0736	2245.89	4866.09	58393.09
		Step J	28.9159	2313.27	5012.09	60145.07
		Step K	29.7833	2382.66	5162.44	61949.26
		Step L	30.6768	2454.14	5317.31	63807.74



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	33.4070	2672.56	5790.55	69486.56
Step B	34.9777	2798.22	6062.80	72753.62
Step C	36.0271	2882.17	6244.70	74936.37
Step D	37.1080	2968.64	6432.05	77184.64
Step E	38.2212	3057.70	6625.01	79500.10
Step F	39.3679	3149.43	6823.77	81885.23
Step G	40.5489	3243.91	7028.48	84341.71
Step H	41.7653	3341.22	7239.32	86871.82
Step I	43.0183	3441.46	7456.51	89478.06
Step J	44.3088	3544.70	7680.19	92162.30
Step K	45.6381	3651.05	7910.60	94927.25
Step L	47.0072	3760.58	8147.91	97774.98



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

7146B	Senior Finance Clerk-B	Step Name	Hourly	Bi-Weekly	Monthly	Annual
		Step A	25.5101	2040.81	4421.75	53061.01
		Step B	26.7095	2136.76	4629.65	55555.76
		Step C	27.5107	2200.86	4768.52	57222.26
		Step D	28.3359	2266.87	4911.56	58938.67
		Step E	29.1862	2334.90	5058.94	60707.30
		Step F	30.0615	2404.92	5210.66	62527.92
		Step G	30.9635	2477.08	5367.01	64404.08
		Step H	31.8924	2551.39	5528.02	66336.19
		Step I	32.8492	2627.94	5693.86	68326.34
		Step J	33.8346	2706.77	5864.66	70375.97
		Step K	34.8497	2787.98	6040.61	72487.38
		Step L	35.8951	2871.61	6221.82	74661.81



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7147B	Senior Finance Technician-B	Step A	29.2187	2337.50	5064.57	60774.90
		Step B	30.5927	2447.42	5302.73	63632.82
		Step C	31.5102	2520.82	5461.77	65541.22
		Step D	32.4556	2596.45	5625.64	67507.65
		Step E	33.4292	2674.34	5794.39	69532.74
		Step F	34.4322	2754.58	5968.25	71618.98
		Step G	35.4651	2837.21	6147.28	73767.41
		Step H	36.5291	2922.33	6331.71	75980.53
		Step I	37.6250	3010.00	6521.67	78260.00
		Step J	38.7537	3100.30	6717.31	80607.70
		Step K	39.9164	3193.31	6918.84	83026.11
		Step L	41.1138	3289.10	7126.39	85516.70



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7148B	Senior Housing Technician-B	Step A	31.1742	2493.94	5403.53	64842.34
		Step B	32.6399	2611.19	5657.58	67890.99
		Step C	33.6191	2689.53	5827.31	69927.73
		Step D	34.6276	2770.21	6002.12	72025.41
		Step E	35.6665	2853.32	6182.19	74186.32
		Step F	36.7365	2938.92	6367.66	76411.92
		Step G	37.8385	3027.08	6558.67	78704.08
		Step H	38.9738	3117.90	6755.46	81065.50
		Step I	40.1429	3211.43	6958.10	83497.23
		Step J	41.3473	3307.78	7166.87	86002.38
		Step K	42.5876	3407.01	7381.85	88582.21
		Step L	43.8652	3509.22	7603.30	91239.62



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7149B	Senior Information Technology Technician-B	Step A	34.4210	2753.68	5966.31	71595.68
		Step B	36.0394	2883.15	6246.83	74961.95
		Step C	37.1206	2969.65	6434.24	77210.85
		Step D	38.2343	3058.74	6627.28	79527.34
		Step E	39.3812	3150.50	6826.07	81912.90
		Step F	40.5626	3245.01	7030.85	84370.21
		Step G	41.7796	3342.37	7241.80	86901.57
		Step H	43.0330	3442.64	7459.05	89508.64
		Step I	44.3240	3545.92	7682.83	92193.92
		Step J	45.6537	3652.30	7913.31	94959.70
		Step K	47.0233	3761.86	8150.71	97808.46
		Step L	48.4340	3874.72	8395.23	100742.72



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3733B	Senior Interpretive Services Specialist-B	Step A	33.7767	2702.14	5854.63	70255.54
		Step B	35.3648	2829.18	6129.90	73558.78
		Step C	36.4256	2914.05	6313.77	75765.25
		Step D	37.5184	3001.47	6503.19	78038.27
		Step E	38.6439	3091.51	6698.28	80379.31
		Step F	39.8033	3184.26	6899.24	82790.86
		Step G	40.9973	3279.78	7106.20	85274.38
		Step H	42.2273	3378.18	7319.40	87832.78
		Step I	43.4941	3479.53	7538.98	90467.73
		Step J	44.7990	3583.92	7765.16	93181.92
		Step K	46.1429	3691.43	7998.10	95977.23
		Step L	47.5272	3802.18	8238.05	98856.58



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1133B	Senior Laboratory Analyst-B	Step A	36.1840	2894.72	6271.89	75262.72
		Step B	37.8852	3030.82	6566.77	78801.22
		Step C	39.0218	3121.74	6763.78	81165.34
		Step D	40.1924	3215.39	6966.68	83600.19
		Step E	41.3982	3311.86	7175.69	86108.26
		Step F	42.6401	3411.21	7390.95	88691.41
		Step G	43.9194	3513.55	7612.70	91352.35
		Step H	45.2370	3618.96	7841.08	94092.96
		Step I	46.5940	3727.52	8076.29	96915.52
		Step J	47.9919	3839.35	8318.60	99823.15
		Step K	49.4317	3954.54	8568.16	102817.94
		Step L	50.9146	4073.17	8825.20	105902.37



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7189B	Senior Mechanic-B	Step A	33.9747	2717.98	5888.95	70667.38
		Step B	35.5719	2845.75	6165.80	73989.55
		Step C	36.6390	2931.12	6350.76	76209.12
		Step D	37.7382	3019.06	6541.29	78495.46
		Step E	38.8704	3109.63	6737.54	80850.43
		Step F	40.0366	3202.93	6939.68	83276.13
		Step G	41.2376	3299.01	7147.85	85774.21
		Step H	42.4748	3397.98	7362.30	88347.58
		Step I	43.7491	3499.93	7583.18	90998.13
		Step J	45.0615	3604.92	7810.66	93727.92
		Step K	46.4133	3713.06	8044.97	96539.66
		Step L	47.8057	3824.46	8286.32	99435.86



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name				
		Hourly	Bi-Weekly	Monthly	Annual	
7200B	Senior Meter Service Worker-B	Step A	26.6938	2135.50	4626.93	55523.10
		Step B	27.9474	2235.79	4844.22	58130.59
		Step C	28.7858	2302.86	4989.54	59874.46
		Step D	29.6495	2371.96	5139.25	61670.96
		Step E	30.5390	2443.12	5293.43	63521.12
		Step F	31.4550	2516.40	5452.20	65426.40
		Step G	32.3986	2591.89	5615.76	67389.09
		Step H	33.3706	2669.65	5784.24	69410.85
		Step I	34.3717	2749.74	5957.76	71493.14
		Step J	35.4030	2832.24	6136.52	73638.24
		Step K	36.4651	2917.21	6320.62	75847.41
		Step L	37.5607	3004.86	6510.52	78126.26



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7154B	Senior Natural Resources Worker-B	Step A	28.0267	2242.14	4857.96	58295.54
		Step B	29.3443	2347.54	5086.35	61036.14
		Step C	30.2247	2417.98	5238.95	62867.38
		Step D	31.1314	2490.51	5396.11	64753.31
		Step E	32.0654	2565.23	5558.00	66696.03
		Step F	33.0273	2642.18	5724.73	68696.78
		Step G	34.0182	2721.46	5896.49	70757.86
		Step H	35.0387	2803.10	6073.37	72880.50
		Step I	36.0898	2887.18	6255.57	75066.78
		Step J	37.1725	2973.80	6443.23	77318.80
		Step K	38.2877	3063.02	6636.53	79638.42
		Step L	39.4364	3154.91	6835.64	82027.71



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7192B	Senior Parks Maintenance Worker-B	Step A	26.6918	2135.34	4626.58	55518.94
		Step B	27.9471	2235.77	4844.16	58129.97
		Step C	28.7855	2302.84	4989.49	59873.84
		Step D	29.6492	2371.94	5139.19	61670.34
		Step E	30.5385	2443.08	5293.34	63520.08
		Step F	31.4548	2516.38	5452.17	65425.98
		Step G	32.3984	2591.87	5615.72	67388.67
		Step H	33.3703	2669.62	5784.19	69410.22
		Step I	34.3715	2749.72	5957.73	71492.72
		Step J	35.4026	2832.21	6136.45	73637.41
		Step K	36.4648	2917.18	6320.57	75846.78
		Step L	37.5587	3004.70	6510.17	78122.10



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1502B	Senior Permits Technician-B	Step A	31.2494	2499.95	5416.56	64998.75
		Step B	32.7160	2617.28	5670.77	68049.28
		Step C	33.6974	2695.79	5840.88	70090.59
		Step D	34.7082	2776.66	6016.09	72193.06
		Step E	35.7495	2859.96	6196.58	74358.96
		Step F	36.8221	2945.77	6382.50	76589.97
		Step G	37.9267	3034.14	6573.96	78887.54
		Step H	39.0646	3125.17	6771.20	81254.37
		Step I	40.2365	3218.92	6974.33	83691.92
		Step J	41.4435	3315.48	7183.54	86202.48
		Step K	42.6869	3414.95	7399.06	88788.75
		Step L	43.9709	3517.67	7621.62	91459.47



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7129B	Senior Refuse Truck Driver-B	Step A	31.3614	2508.91	5435.98	65231.71
		Step B	32.8359	2626.87	5691.56	68298.67
		Step C	33.8210	2705.68	5862.31	70347.68
		Step D	34.8355	2786.84	6038.15	72457.84
		Step E	35.8805	2870.44	6219.29	74631.44
		Step F	36.9570	2956.56	6405.88	76870.56
		Step G	38.0657	3045.26	6598.05	79176.66
		Step H	39.2077	3136.62	6796.00	81552.02
		Step I	40.3839	3230.71	6999.88	83998.51
		Step J	41.5955	3327.64	7209.89	86518.64
		Step K	42.8433	3427.46	7426.17	89114.06
		Step L	44.1286	3530.29	7648.96	91787.49



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

1279B	Senior Solid Waste Billing Technician-B	Step Name	Hourly	Bi-Weekly	Monthly	Annual
		Step A	29.2192	2337.54	5064.66	60775.94
		Step B	30.5930	2447.44	5302.79	63633.44
		Step C	31.5108	2520.86	5461.87	65542.46
		Step D	32.4560	2596.48	5625.71	67508.48
		Step E	33.4297	2674.38	5794.48	69533.78
		Step F	34.4326	2754.61	5968.32	71619.81
		Step G	35.4656	2837.25	6147.37	73768.45
		Step H	36.5296	2922.37	6331.80	75981.57
		Step I	37.6255	3010.04	6521.75	78261.04
		Step J	38.7542	3100.34	6717.39	80608.74
		Step K	39.9170	3193.36	6918.95	83027.36
		Step L	41.1144	3289.15	7126.50	85517.95



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7187B	Senior Street Maintenance Worker-B	Step A	29.8710	2389.68	5177.64	62131.68
		Step B	31.2755	2502.04	5421.09	65053.04
		Step C	32.2138	2577.10	5583.73	67004.70
		Step D	33.1802	2654.42	5751.23	69014.82
		Step E	34.1756	2734.05	5923.77	71085.25
		Step F	35.2010	2816.08	6101.51	73218.08
		Step G	36.2569	2900.55	6284.53	75414.35
		Step H	37.3446	2987.57	6473.06	77676.77
		Step I	38.4650	3077.20	6667.27	80007.20
		Step J	39.6189	3169.51	6867.28	82407.31
		Step K	40.8075	3264.60	7073.30	84879.60
		Step L	42.0318	3362.54	7285.51	87426.14



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7201B	Senior Tree Trimmer-B	Step A	28.0275	2242.20	4858.10	58297.20
		Step B	29.3453	2347.62	5086.52	61038.22
		Step C	30.2256	2418.05	5239.10	62869.25
		Step D	31.1324	2490.59	5396.28	64755.39
		Step E	32.0663	2565.30	5558.16	66697.90
		Step F	33.0283	2642.26	5724.91	68698.86
		Step G	34.0191	2721.53	5896.64	70759.73
		Step H	35.0399	2803.19	6073.58	72882.99
		Step I	36.0911	2887.29	6255.79	75069.49
		Step J	37.1738	2973.90	6443.46	77321.50
		Step K	38.2890	3063.12	6636.76	79641.12
		Step L	39.4377	3155.02	6835.87	82030.42



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1103B	Senior Utility Customer Service Field Representative-B	Step A	33.2320	2658.56	5760.21	69122.56
		Step B	34.7943	2783.54	6031.01	72372.14
		Step C	35.8383	2867.06	6211.97	74543.66
		Step D	36.9134	2953.07	6398.32	76779.87
		Step E	38.0208	3041.66	6590.27	79083.26
		Step F	39.1615	3132.92	6787.99	81455.92
		Step G	40.3362	3226.90	6991.61	83899.30
		Step H	41.5463	3323.70	7201.36	86416.30
		Step I	42.7927	3423.42	7417.40	89008.82
		Step J	44.0765	3526.12	7639.93	91679.12
		Step K	45.3990	3631.92	7869.16	94429.92
		Step L	46.7608	3740.86	8105.21	97262.46



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1044B	Senior Utility Customer Service Specialist-B	Step A	28.8974	2311.79	5008.88	60106.59
		Step B	30.2561	2420.49	5244.39	62932.69
		Step C	31.1638	2493.10	5401.73	64820.70
		Step D	32.0987	2567.90	5563.77	66765.30
		Step E	33.0617	2644.94	5730.69	68768.34
		Step F	34.0535	2724.28	5902.61	70831.28
		Step G	35.0751	2806.01	6079.68	72956.21
		Step H	36.1274	2890.19	6262.08	75144.99
		Step I	37.2111	2976.89	6449.92	77399.09
		Step J	38.3276	3066.21	6643.45	79721.41
		Step K	39.4774	3158.19	6842.75	82112.99
		Step L	40.6618	3252.94	7048.05	84576.54



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7324B	Solid Waste Billing Technician-B	Step A	26.5624	2124.99	4604.15	55249.79
		Step B	27.8113	2224.90	4820.63	57847.50
		Step C	28.6458	2291.66	4965.27	59583.26
		Step D	29.5051	2360.41	5114.22	61370.61
		Step E	30.3902	2431.22	5267.63	63211.62
		Step F	31.3020	2504.16	5425.68	65108.16
		Step G	32.2411	2579.29	5588.46	67061.49
		Step H	33.2083	2656.66	5756.11	69073.26
		Step I	34.2045	2736.36	5928.78	71145.36
		Step J	35.2306	2818.45	6106.64	73279.65
		Step K	36.2875	2903.00	6289.83	75478.00
		Step L	37.3762	2990.10	6478.54	77742.50



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Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7525B	Street Maintenance Worker I-B	Step A	24.6869	1974.95	4279.06	51348.75
		Step B	25.8476	2067.81	4480.25	53763.01
		Step C	26.6229	2129.83	4614.64	55375.63
		Step D	27.4216	2193.73	4753.08	57036.93
		Step E	28.2443	2259.54	4895.68	58748.14
		Step F	29.0917	2327.34	5042.56	60510.74
		Step G	29.9642	2397.14	5193.79	62325.54
		Step H	30.8632	2469.06	5349.62	64195.46
		Step I	31.7891	2543.13	5510.11	66121.33
		Step J	32.7428	2619.42	5675.42	68105.02
		Step K	33.7253	2698.02	5845.72	70148.62
		Step L	34.7368	2778.94	6021.05	72252.54



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
7530B	Street Maintenance Worker II-B	Step A	27.1554	2172.43	4706.94	56483.23
		Step B	28.4323	2274.58	4928.27	59139.18
		Step C	29.2854	2342.83	5076.14	60913.63
		Step D	30.1639	2413.11	5228.41	62740.91
		Step E	31.0688	2485.50	5385.26	64623.10
		Step F	32.0007	2560.06	5546.79	66561.46
		Step G	32.9608	2636.86	5713.21	68558.46
		Step H	33.9496	2715.97	5884.60	70615.17
		Step I	34.9682	2797.46	6061.15	72733.86
		Step J	36.0172	2881.38	6242.98	74915.78
		Step K	37.0977	2967.82	6430.27	77163.22
		Step L	38.2107	3056.86	6623.19	79478.26



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
7540B	Street Sweeper Operator-B	Step A	28.5133	2281.06	4942.31	59307.66
		Step B	29.8538	2388.30	5174.66	62095.90
		Step C	30.7494	2459.95	5329.90	63958.75
		Step D	31.6719	2533.75	5489.80	65877.55
		Step E	32.6222	2609.78	5654.51	67854.18
		Step F	33.6007	2688.06	5824.12	69889.46
		Step G	34.6088	2768.70	5998.86	71986.30
		Step H	35.6470	2851.76	6178.81	74145.76
		Step I	36.7164	2937.31	6364.18	76370.11
		Step J	37.8180	3025.44	6555.12	78661.44
		Step K	38.9525	3116.20	6751.77	81021.20
		Step L	40.1211	3209.69	6954.32	83451.89



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1091B	Systems Architect-B	Step A	42.4021	3392.17	7349.70	88196.37
		Step B	44.3957	3551.66	7695.25	92343.06
		Step C	45.7276	3658.21	7926.12	95113.41
		Step D	47.0994	3767.95	8163.90	97966.75
		Step E	48.5123	3880.98	8408.80	100905.58
		Step F	49.9677	3997.42	8661.07	103932.82
		Step G	51.4667	4117.34	8920.89	107050.74
		Step H	53.0107	4240.86	9188.52	110262.26
		Step I	54.6010	4368.08	9464.17	113570.08
		Step J	56.2391	4499.13	9748.11	116977.33
		Step K	57.9262	4634.10	10040.54	120486.50
		Step L	59.6641	4773.13	10341.78	124101.33



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1052B	Transportation Grants Analyst-B	Step A	38.8086	3104.69	6726.82	80721.89
		Step B	40.6331	3250.65	7043.07	84516.85
		Step C	41.8522	3348.18	7254.38	87052.58
		Step D	43.1077	3448.62	7472.00	89664.02
		Step E	44.4010	3552.08	7696.17	92354.08
		Step F	45.7329	3658.63	7927.04	95124.43
		Step G	47.1049	3768.39	8164.85	97978.19
		Step H	48.5181	3881.45	8409.80	100917.65
		Step I	49.9736	3997.89	8662.09	103945.09
		Step J	51.4728	4117.82	8921.95	107063.42
		Step K	53.0170	4241.36	9189.61	110275.36
		Step L	54.6075	4368.60	9465.30	113583.60



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1112B	Transportation Technician I-B	Step A	25.7639	2061.11	4465.74	53588.91
		Step B	26.9750	2158.00	4675.67	56108.00
		Step C	27.7843	2222.74	4815.95	57791.34
		Step D	28.6177	2289.42	4960.40	59524.82
		Step E	29.4763	2358.10	5109.23	61310.70
		Step F	30.3607	2428.86	5262.52	63150.26
		Step G	31.2714	2501.71	5420.38	65044.51
		Step H	32.2096	2576.77	5583.00	66995.97
		Step I	33.1758	2654.06	5750.47	69005.66
		Step J	34.1712	2733.70	5923.01	71076.10
		Step K	35.1962	2815.70	6100.67	73208.10
		Step L	36.2522	2900.18	6283.71	75404.58



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1111B	Transportation Technician II-B	Step A	28.3401	2267.21	4912.28	58947.41
		Step B	29.6725	2373.80	5143.23	61718.80
		Step C	30.5628	2445.02	5297.55	63570.62
		Step D	31.4796	2518.37	5456.46	65477.57
		Step E	32.4240	2593.92	5620.16	67441.92
		Step F	33.3968	2671.74	5788.78	69465.34
		Step G	34.3985	2751.88	5962.41	71548.88
		Step H	35.4306	2834.45	6141.30	73695.65
		Step I	36.4935	2919.48	6325.54	75906.48
		Step J	37.5882	3007.06	6515.29	78183.46
		Step K	38.7159	3097.27	6710.76	80529.07
		Step L	39.8774	3190.19	6912.08	82944.99



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1503B	Tree Trimmer I-B	Step A	23.1630	1853.04	4014.92	48179.04
		Step B	24.2520	1940.16	4203.68	50444.16
		Step C	24.9797	1998.38	4329.81	51957.78
		Step D	25.7290	2058.32	4459.69	53516.32
		Step E	26.5009	2120.07	4593.49	55121.87
		Step F	27.2960	2183.68	4731.31	56775.68
		Step G	28.1147	2249.18	4873.21	58478.58
		Step H	28.9582	2316.66	5019.42	60233.06
		Step I	29.8271	2386.17	5170.03	62040.37
		Step J	30.7218	2457.74	5325.11	63901.34
		Step K	31.6435	2531.48	5484.87	65818.48
		Step L	32.5927	2607.42	5649.40	67792.82



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

1504B	Tree Trimmer II-B	Step Name	Hourly	Bi-Weekly	Monthly	Annual
		Step A	25.4797	2038.38	4416.48	52997.78
		Step B	26.6772	2134.18	4624.05	55488.58
		Step C	27.4777	2198.22	4762.80	57153.62
		Step D	28.3019	2264.15	4905.66	58867.95
		Step E	29.1509	2332.07	5052.82	60633.87
		Step F	30.0255	2402.04	5204.42	62453.04
		Step G	30.9263	2474.10	5360.56	64326.70
		Step H	31.8539	2548.31	5521.34	66256.11
		Step I	32.8096	2624.77	5687.00	68243.97
		Step J	33.7939	2703.51	5857.61	70291.31
		Step K	34.8078	2784.62	6033.35	72400.22
		Step L	35.8520	2868.16	6214.35	74572.16



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1107B	Turf and Sports Field Technician-B	Step A	30.6961	2455.69	5320.66	63847.89
		Step B	32.1391	2571.13	5570.78	66849.33
		Step C	33.1034	2648.27	5737.92	68855.07
		Step D	34.0965	2727.72	5910.06	70920.72
		Step E	35.1193	2809.54	6087.35	73048.14
		Step F	36.1729	2893.83	6269.97	75239.63
		Step G	37.2581	2980.65	6458.07	77496.85
		Step H	38.3758	3070.06	6651.81	79821.66
		Step I	39.5271	3162.17	6851.36	82216.37
		Step J	40.7128	3257.02	7056.89	84682.62
		Step K	41.9342	3354.74	7268.59	87223.14
		Step L	43.1923	3455.38	7486.67	89839.98



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3314B	Utility Billing Analyst I-B	Step A	37.1329	2970.63	6436.37	77236.43
		Step B	38.8787	3110.30	6738.97	80867.70
		Step C	40.0450	3203.60	6941.13	83293.60
		Step D	41.2464	3299.71	7149.38	85792.51
		Step E	42.4838	3398.70	7363.86	88366.30
		Step F	43.7584	3500.67	7584.79	91017.47
		Step G	45.0710	3605.68	7812.31	93747.68
		Step H	46.4231	3713.85	8046.67	96560.05
		Step I	47.8158	3825.26	8288.07	99456.86
		Step J	49.2502	3940.02	8536.70	102440.42
		Step K	50.7278	4058.22	8792.82	105513.82
		Step L	52.2497	4179.98	9056.61	108679.38



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
3315B	Utility Billing Analyst II-B	Step A	40.8461	3267.69	7079.99	84959.89
		Step B	42.7665	3421.32	7412.86	88954.32
		Step C	44.0496	3523.97	7635.26	91623.17
		Step D	45.3709	3629.67	7864.29	94371.47
		Step E	46.7321	3738.57	8100.23	97202.77
		Step F	48.1340	3850.72	8343.23	100118.72
		Step G	49.5780	3966.24	8593.52	103122.24
		Step H	51.0654	4085.23	8851.34	106216.03
		Step I	52.5974	4207.79	9116.88	109402.59
		Step J	54.1752	4334.02	9390.37	112684.42
		Step K	55.8006	4464.05	9672.10	116065.25
		Step L	57.4746	4597.97	9962.26	119547.17



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1105B	Utility Customer Service Field Representative I-B	Step A	27.4646	2197.17	4760.53	57126.37
		Step B	28.7558	2300.46	4984.34	59812.06
		Step C	29.6185	2369.48	5133.87	61606.48
		Step D	30.5069	2440.55	5287.86	63454.35
		Step E	31.4223	2513.78	5446.53	65358.38
		Step F	32.3649	2589.19	5609.92	67318.99
		Step G	33.3357	2666.86	5778.19	69338.26
		Step H	34.3359	2746.87	5951.56	71418.67
		Step I	35.3660	2829.28	6130.11	73561.28
		Step J	36.4269	2914.15	6314.00	75767.95
		Step K	37.5197	3001.58	6503.41	78040.98
		Step L	38.6453	3091.62	6698.52	80382.22



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1104B	Utility Customer Service Field Representative II-B	Step A	30.2110	2416.88	5236.57	62838.88
		Step B	31.6313	2530.50	5482.76	65793.10
		Step C	32.5802	2606.42	5647.23	67766.82
		Step D	33.5577	2684.62	5816.67	69800.02
		Step E	34.5643	2765.14	5991.15	71893.74
		Step F	35.6013	2848.10	6170.89	74050.70
		Step G	36.6693	2933.54	6356.01	76272.14
		Step H	37.7694	3021.55	6546.70	78560.35
		Step I	38.9024	3112.19	6743.08	80916.99
		Step J	40.0696	3205.57	6945.40	83344.77
		Step K	41.2717	3301.74	7153.76	85845.14
		Step L	42.5098	3400.78	7368.37	88420.38



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name					
		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1050B	Utility Customer Service Representative I-B	Step A	20.7671	1661.37	3599.63	43195.57
		Step B	21.7434	1739.47	3768.86	45226.27
		Step C	22.3959	1791.67	3881.96	46583.47
		Step D	23.0676	1845.41	3998.38	47980.61
		Step E	23.7597	1900.78	4118.35	49420.18
		Step F	24.4725	1957.80	4241.90	50902.80
		Step G	25.2068	2016.54	4369.18	52430.14
		Step H	25.9628	2077.02	4500.22	54002.62
		Step I	26.7418	2139.34	4635.25	55622.94
		Step J	27.5440	2203.52	4774.29	57291.52
		Step K	28.3704	2269.63	4917.54	59010.43
		Step L	29.2214	2337.71	5065.04	60780.51



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LO39 Stationary Engineers Local 39
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1049B	Utility Customer Service Representative II-B	Step Name	Hourly	Bi-Weekly	Monthly	Annual
		Step A	22.8439	1827.51	3959.61	47515.31
		Step B	23.9179	1913.43	4145.77	49749.23
		Step C	24.6355	1970.84	4270.15	51241.84
		Step D	25.3744	2029.95	4398.23	52778.75
		Step E	26.1357	2090.86	4530.19	54362.26
		Step F	26.9198	2153.58	4666.10	55993.18
		Step G	27.7274	2218.19	4806.08	57672.99
		Step H	28.5592	2284.74	4950.26	59403.14
		Step I	29.4160	2353.28	5098.77	61185.28
		Step J	30.2984	2423.87	5251.72	63020.67
		Step K	31.2074	2496.59	5409.28	64911.39
		Step L	32.1436	2571.49	5571.56	66858.69



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Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1048B	Utility Customer Service Specialist I-B	Step A	23.8822	1910.58	4139.58	49674.98
		Step B	25.0051	2000.41	4334.22	52010.61
		Step C	25.7552	2060.42	4464.23	53570.82
		Step D	26.5277	2122.22	4598.13	55177.62
		Step E	27.3236	2185.89	4736.09	56833.09
		Step F	28.1434	2251.47	4878.19	58538.27
		Step G	28.9876	2319.01	5024.52	60294.21
		Step H	29.8573	2388.58	5175.27	62103.18
		Step I	30.7530	2460.24	5330.52	63966.24
		Step J	31.6757	2534.06	5490.45	65885.46
		Step K	32.6259	2610.07	5655.16	67861.87
		Step L	33.6046	2688.37	5824.80	69897.57



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Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1046B	Utility Customer Service Specialist II-B	Step A	26.2704	2101.63	4553.54	54642.43
		Step B	27.5056	2200.45	4767.64	57211.65
		Step C	28.3308	2266.46	4910.67	58928.06
		Step D	29.1807	2334.46	5057.99	60695.86
		Step E	30.0561	2404.49	5209.72	62516.69
		Step F	30.9579	2476.63	5366.04	64392.43
		Step G	31.8865	2550.92	5526.99	66323.92
		Step H	32.8431	2627.45	5692.80	68313.65
		Step I	33.8284	2706.27	5863.59	70363.07
		Step J	34.8432	2787.46	6039.49	72473.86
		Step K	35.8885	2871.08	6220.67	74648.08
		Step L	36.9652	2957.22	6407.30	76887.62



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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
8940B	Vehicle Maintenance Servicewriter-B	Step A	33.9747	2717.98	5888.95	70667.38
		Step B	35.5719	2845.75	6165.80	73989.55
		Step C	36.6390	2931.12	6350.76	76209.12
		Step D	37.7382	3019.06	6541.29	78495.46
		Step E	38.8704	3109.63	6737.54	80850.43
		Step F	40.0366	3202.93	6939.68	83276.13
		Step G	41.2376	3299.01	7147.85	85774.21
		Step H	42.4748	3397.98	7362.30	88347.58
		Step I	43.7491	3499.93	7583.18	90998.13
		Step J	45.0615	3604.92	7810.66	93727.92
		Step K	46.4133	3713.06	8044.97	96539.66
		Step L	47.8057	3824.46	8286.32	99435.86



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
8426B	Video and Multimedia Technician-B	Step A	31.9495	2555.96	5537.91	66454.96
		Step B	33.4517	2676.14	5798.29	69579.54
		Step C	34.4552	2756.42	5972.23	71666.82
		Step D	35.4888	2839.10	6151.39	73816.70
		Step E	36.5536	2924.29	6335.96	76031.49
		Step F	37.6501	3012.01	6526.02	78312.21
		Step G	38.7796	3102.37	6721.80	80661.57
		Step H	39.9430	3195.44	6923.45	83081.44
		Step I	41.1412	3291.30	7131.14	85573.70
		Step J	42.3754	3390.03	7345.07	88140.83
		Step K	43.6468	3491.74	7565.45	90785.34
		Step L	44.9562	3596.50	7792.41	93508.90



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1098B	Waste Services Clerk I-B	Step A	21.0826	1686.61	3654.32	43851.81
		Step B	22.0739	1765.91	3826.14	45913.71
		Step C	22.7361	1818.89	3940.92	47291.09
		Step D	23.4182	1873.46	4059.15	48709.86
		Step E	24.1207	1929.66	4180.92	50171.06
		Step F	24.8444	1987.55	4306.36	51676.35
		Step G	25.5897	2047.18	4435.55	53226.58
		Step H	26.3574	2108.59	4568.62	54823.39
		Step I	27.1480	2171.84	4705.65	56467.84
		Step J	27.9625	2237.00	4846.83	58162.00
		Step K	28.8015	2304.12	4992.26	59907.12
		Step L	29.6654	2373.23	5142.00	61704.03



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name					
		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1099B	Waste Services Clerk II-B	Step A	23.1909	1855.27	4019.76	48237.07
		Step B	24.2811	1942.49	4208.72	50504.69
		Step C	25.0097	2000.78	4335.01	52020.18
		Step D	25.7599	2060.79	4465.05	53580.59
		Step E	26.5327	2122.62	4599.00	55188.02
		Step F	27.3288	2186.30	4736.99	56843.90
		Step G	28.1486	2251.89	4879.09	58549.09
		Step H	28.9929	2319.43	5025.44	60305.23
		Step I	29.8629	2389.03	5176.24	62114.83
		Step J	30.7587	2460.70	5331.51	63978.10
		Step K	31.6814	2534.51	5491.44	65897.31
		Step L	32.6318	2610.54	5656.18	67874.14



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Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1128B	Waste Services Field Enforcement Inspector-B	Step A	32.9295	2634.36	5707.78	68493.36
		Step B	34.4776	2758.21	5976.12	71713.41
		Step C	35.5119	2840.95	6155.40	73864.75
		Step D	36.5773	2926.18	6340.07	76080.78
		Step E	37.6746	3013.97	6530.26	78363.17
		Step F	38.8049	3104.39	6726.18	80714.19
		Step G	39.9691	3197.53	6927.98	83135.73
		Step H	41.1681	3293.45	7135.80	85629.65
		Step I	42.4031	3392.25	7349.87	88198.45
		Step J	43.6753	3494.02	7570.39	90844.62
		Step K	44.9855	3598.84	7797.49	93569.84
		Step L	46.3350	3706.80	8031.40	96376.80



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Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9000B	Wastewater Treatment Plant Operator Grade I-B	Step A	29.6275	2370.20	5135.43	61625.20
		Step B	31.0204	2481.63	5376.87	64522.43
		Step C	31.9510	2556.08	5538.17	66458.08
		Step D	32.9096	2632.77	5704.33	68451.97
		Step E	33.8969	2711.75	5875.46	70505.55
		Step F	34.9138	2793.10	6051.73	72620.70
		Step G	35.9611	2876.89	6233.26	74799.09
		Step H	37.0399	2963.19	6420.25	77042.99
		Step I	38.1511	3052.09	6612.86	79354.29
		Step J	39.2957	3143.66	6811.25	81735.06
		Step K	40.4746	3237.97	7015.60	84187.17
		Step L	41.6888	3335.10	7226.06	86712.70



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9010B	Wastewater Treatment Plant Operator Grade II-B	Step A	32.6931	2615.45	5666.80	68001.65
		Step B	34.2300	2738.40	5933.20	71198.40
		Step C	35.2569	2820.55	6111.20	73334.35
		Step D	36.3146	2905.17	6294.53	75534.37
		Step E	37.4041	2992.33	6483.38	77800.53
		Step F	38.5263	3082.10	6677.89	80134.70
		Step G	39.6821	3174.57	6878.23	82538.77
		Step H	40.8726	3269.81	7084.58	85015.01
		Step I	42.0987	3367.90	7297.11	87565.30
		Step J	43.3616	3468.93	7516.01	90192.13
		Step K	44.6625	3573.00	7741.50	92898.00
		Step L	46.0023	3680.18	7973.73	95684.78



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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9020B	Wastewater Treatment Plant Operator Grade III 24Hr-B	Step A	28.1455	3152.30	6829.97	81959.70
		Step B	29.4686	3300.48	7151.05	85812.56
		Step C	30.3528	3399.51	7365.61	88387.35
		Step D	31.2633	3501.49	7586.56	91038.73
		Step E	32.2013	3606.55	7814.18	93770.19
		Step F	33.1674	3714.75	8048.62	96583.47
		Step G	34.1622	3826.17	8290.03	99480.33
		Step H	35.1871	3940.96	8538.74	102464.84
		Step I	36.2428	4059.19	8794.92	105539.03
		Step J	37.3300	4180.96	9058.75	108704.96
		Step K	38.4499	4306.39	9330.51	111966.11
		Step L	39.6035	4435.59	9610.45	115325.39



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9025B	Wastewater Treatment Plant Operator Grade III 8Hr-B	Step A	36.6545	2932.36	6353.45	76241.36
		Step B	38.3777	3070.22	6652.13	79825.62
		Step C	39.5291	3162.33	6851.71	82220.53
		Step D	40.7151	3257.21	7057.28	84687.41
		Step E	41.9364	3354.91	7268.98	87227.71
		Step F	43.1944	3455.55	7487.03	89844.35
		Step G	44.4904	3559.23	7711.67	92540.03
		Step H	45.8250	3666.00	7943.00	95316.00
		Step I	47.1998	3775.98	8181.30	98175.58
		Step J	48.6158	3889.26	8426.74	101120.86
		Step K	50.0744	4005.95	8679.56	104154.75
		Step L	51.5766	4126.13	8939.94	107279.33



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
9020ZB	Wastewater Treatment Plant Operator Grade III 8Hr-ZB	Step A	39.4036	3152.29	6829.96	81959.49
		Step B	41.2561	3300.49	7151.06	85812.69
		Step C	42.4938	3399.50	7365.59	88387.10
		Step D	43.7685	3501.48	7586.54	91038.48
		Step E	45.0817	3606.54	7814.16	93769.94
		Step F	46.4341	3714.73	8048.58	96582.93
		Step G	47.8270	3826.16	8290.01	99480.16
		Step H	49.2619	3940.95	8538.73	102464.75
		Step I	50.7397	4059.18	8794.88	105538.58
		Step J	52.2620	4180.96	9058.75	108704.96
		Step K	53.8298	4306.38	9330.50	111965.98
		Step L	55.4447	4435.58	9610.41	115324.98



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9030B	Wastewater Treatment Plant Operator Grade IV-B	Step A	44.1322	3530.58	7649.58	91794.98
		Step B	46.2070	3696.56	8009.21	96110.56
		Step C	47.5932	3807.46	8249.49	98993.86
		Step D	49.0210	3921.68	8496.97	101963.68
		Step E	50.4916	4039.33	8751.88	105022.53
		Step F	52.0063	4160.50	9014.43	108173.10
		Step G	53.5665	4285.32	9284.86	111418.32
		Step H	55.1736	4413.89	9563.42	114761.09
		Step I	56.8287	4546.30	9850.31	118203.70
		Step J	58.5335	4682.68	10145.81	121749.68
		Step K	60.2896	4823.17	10450.20	125402.37
		Step L	62.0983	4967.86	10763.71	129164.46



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1053B	Water Quality Technician-B	Step A	28.7867	2302.94	4989.69	59876.34
		Step B	30.1401	2411.21	5224.28	62691.41
		Step C	31.0445	2483.56	5381.05	64572.56
		Step D	31.9757	2558.06	5542.45	66509.46
		Step E	32.9351	2634.81	5708.75	68505.01
		Step F	33.9231	2713.85	5880.00	70560.05
		Step G	34.9407	2795.26	6056.39	72676.66
		Step H	35.9890	2879.12	6238.09	74857.12
		Step I	37.0686	2965.49	6425.22	77102.69
		Step J	38.1807	3054.46	6617.99	79415.86
		Step K	39.3261	3146.09	6816.52	81798.29
		Step L	40.5060	3240.48	7021.04	84252.48



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
9200B	Water Treatment Plant Operator Grade I 24Hr-B	Step A	21.1625	2370.20	5135.43	61625.20
		Step B	22.1573	2481.62	5376.84	64522.06
		Step C	22.8220	2556.06	5538.14	66457.66
		Step D	23.5067	2632.75	5704.29	68451.51
		Step E	24.2119	2711.73	5875.42	70505.05
		Step F	24.9384	2793.10	6051.72	72620.62
		Step G	25.6865	2876.89	6233.26	74799.09
		Step H	26.4570	2963.18	6420.23	77042.78
		Step I	27.2508	3052.09	6612.86	79354.33
		Step J	28.0683	3143.65	6811.24	81734.89
		Step K	28.9103	3237.95	7015.57	84186.79
		Step L	29.7776	3335.09	7226.03	86712.37



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
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LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9232B	Water Treatment Plant Operator Grade I 8Hr-B	Step A	29.6275	2370.20	5135.43	61625.20
		Step B	31.0204	2481.63	5376.87	64522.43
		Step C	31.9510	2556.08	5538.17	66458.08
		Step D	32.9096	2632.77	5704.33	68451.97
		Step E	33.8969	2711.75	5875.46	70505.55
		Step F	34.9138	2793.10	6051.73	72620.70
		Step G	35.9611	2876.89	6233.26	74799.09
		Step H	37.0399	2963.19	6420.25	77042.99
		Step I	38.1511	3052.09	6612.86	79354.29
		Step J	39.2957	3143.66	6811.25	81735.06
		Step K	40.4746	3237.97	7015.60	84187.17
		Step L	41.6888	3335.10	7226.06	86712.70



City of Roseville

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Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9200ZB	Water Treatment Plant Operator Grade I 8Hr-ZB	Step A	29.6275	2370.20	5135.43	61625.20
		Step B	31.0204	2481.63	5376.87	64522.43
		Step C	31.9510	2556.08	5538.17	66458.08
		Step D	32.9096	2632.77	5704.33	68451.97
		Step E	33.8969	2711.75	5875.46	70505.55
		Step F	34.9138	2793.10	6051.73	72620.70
		Step G	35.9611	2876.89	6233.26	74799.09
		Step H	37.0399	2963.19	6420.25	77042.99
		Step I	38.1511	3052.09	6612.86	79354.29
		Step J	39.2957	3143.66	6811.25	81735.06
		Step K	40.4746	3237.97	7015.60	84187.17
		Step L	41.6888	3335.10	7226.06	86712.70



City of Roseville

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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9210B	Water Treatment Plant Operator Grade II 24Hr-B	Step A	23.3524	2615.47	5666.85	68002.19
		Step B	24.4501	2738.41	5933.22	71198.69
		Step C	25.1837	2820.57	6111.24	73334.93
		Step D	25.9393	2905.20	6294.60	75535.24
		Step E	26.7174	2992.35	6483.42	77801.07
		Step F	27.5189	3082.12	6677.92	80135.04
		Step G	28.3445	3174.58	6878.27	82539.18
		Step H	29.1950	3269.84	7084.65	85015.84
		Step I	30.0707	3367.92	7297.16	87565.88
		Step J	30.9727	3468.94	7516.04	90192.50
		Step K	31.9019	3573.01	7741.53	92898.33
		Step L	32.8590	3680.21	7973.78	95685.41



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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9234B	Water Treatment Plant Operator Grade II 8Hr-B	Step A	32.6933	2615.46	5666.84	68002.06
		Step B	34.2305	2738.44	5933.29	71199.44
		Step C	35.2572	2820.58	6111.25	73334.98
		Step D	36.3149	2905.19	6294.58	75534.99
		Step E	37.4045	2992.36	6483.45	77801.36
		Step F	38.5266	3082.13	6677.94	80135.33
		Step G	39.6825	3174.60	6878.30	82539.60
		Step H	40.8728	3269.82	7084.62	85015.42
		Step I	42.0990	3367.92	7297.16	87565.92
		Step J	43.3620	3468.96	7516.08	90192.96
		Step K	44.6628	3573.02	7741.55	92898.62
		Step L	46.0028	3680.22	7973.82	95685.82



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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9210ZB	Water Treatment Plant Operator Grade II 8Hr-ZB	Step A	32.6933	2615.46	5666.84	68002.06
		Step B	34.2305	2738.44	5933.29	71199.44
		Step C	35.2572	2820.58	6111.25	73334.98
		Step D	36.3149	2905.19	6294.58	75534.99
		Step E	37.4045	2992.36	6483.45	77801.36
		Step F	38.5266	3082.13	6677.94	80135.33
		Step G	39.6825	3174.60	6878.30	82539.60
		Step H	40.8728	3269.82	7084.62	85015.42
		Step I	42.0990	3367.92	7297.16	87565.92
		Step J	43.3620	3468.96	7516.08	90192.96
		Step K	44.6628	3573.02	7741.55	92898.62
		Step L	46.0028	3680.22	7973.82	95685.82



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Appendix:G
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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9230B	Water Treatment Plant Operator Grade III 24Hr-B	Step A	27.4909	3078.98	6671.13	80053.50
		Step B	28.7833	3223.73	6984.75	83816.97
		Step C	29.6468	3320.44	7194.29	86331.48
		Step D	30.5362	3420.05	7410.12	88921.41
		Step E	31.4523	3522.66	7632.42	91589.10
		Step F	32.3959	3628.34	7861.41	94336.86
		Step G	33.3680	3737.22	8097.30	97167.62
		Step H	34.3688	3849.31	8340.16	100081.95
		Step I	35.4000	3964.80	8590.40	103084.80
		Step J	36.4619	4083.73	8848.09	106177.05
		Step K	37.5558	4206.25	9113.54	109362.49
		Step L	38.6825	4332.44	9386.95	112643.44



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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9229B	Water Treatment Plant Operator Grade III 8Hr-B	Step A	36.6545	2932.36	6353.45	76241.36
		Step B	38.3777	3070.22	6652.13	79825.62
		Step C	39.5291	3162.33	6851.71	82220.53
		Step D	40.7151	3257.21	7057.28	84687.41
		Step E	41.9364	3354.91	7268.98	87227.71
		Step F	43.1944	3455.55	7487.03	89844.35
		Step G	44.4904	3559.23	7711.67	92540.03
		Step H	45.8250	3666.00	7943.00	95316.00
		Step I	47.1998	3775.98	8181.30	98175.58
		Step J	48.6158	3889.26	8426.74	101120.86
		Step K	50.0744	4005.95	8679.56	104154.75
		Step L	51.5766	4126.13	8939.94	107279.33



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LO39 Stationary Engineers Local 39

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
9230ZB	Water Treatment Plant Operator Grade III 8Hr-ZB	Step A	38.4873	3078.98	6671.13	80053.58
		Step B	40.2967	3223.74	6984.76	83817.14
		Step C	41.5057	3320.46	7194.32	86331.86
		Step D	42.7508	3420.06	7410.14	88921.66
		Step E	44.0333	3522.66	7632.44	91589.26
		Step F	45.3544	3628.35	7861.43	94337.15
		Step G	46.7150	3737.20	8097.27	97167.20
		Step H	48.1165	3849.32	8340.19	100082.32
		Step I	49.5600	3964.80	8590.40	103084.80
		Step J	51.0466	4083.73	8848.08	106176.93
		Step K	52.5782	4206.26	9113.55	109362.66
		Step L	54.1555	4332.44	9386.95	112643.44



City of Roseville

Salary Schedule: Stationary Engineers Local 39-B

Appendix:G
Effective Date:03/22/2025

LO39 Stationary Engineers Local 39
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1641B	Youth Development Program Coordinator-B	Step A	30.7050	2456.40	5322.20	63866.40
		Step B	32.1487	2571.90	5572.44	66869.30
		Step C	33.1132	2649.06	5739.62	68875.46
		Step D	34.1067	2728.54	5911.83	70941.94
		Step E	35.1298	2810.38	6089.17	73069.98
		Step F	36.1836	2894.69	6271.82	75261.89
		Step G	37.2692	2981.54	6459.99	77519.94
		Step H	38.3873	3070.98	6653.80	79845.58
		Step I	39.5389	3163.11	6853.41	82240.91
		Step J	40.7250	3258.00	7059.00	84708.00
		Step K	41.9468	3355.74	7270.78	87249.34
		Step L	43.2052	3456.42	7488.90	89866.82

ORDINANCE NO. 6921

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING
ORDINANCE NO. 6901, THE SALARY ORDINANCE FOR SEASONAL/TEMPORARY
EMPLOYEES, AS AMENDED BY APPENDIX "X" TO BE EFFECTIVE
MARCH 22, 2025, AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 6901, the Salary Ordinance for Seasonal/Temporary Employees, is hereby amended as shown on Appendix "X" attached hereto.

ADDITION OF CLASSIFICATION

<u>Classification No.</u>	<u>Position Title</u>	<u>Hourly Rate</u>
1164	Courier	\$23.26

SECTION 2. Salary Plan Effective Date.

This Ordinance shall be effective March 22, 2025, 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 March 22, 2025. 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:X
Effective Date:03/22/2025

TEMP	Temporary		
Grade Code	Grade Name	Step Name	Hourly
CI30	Activity Instructor	Step A	0.0000
1158	Adult/Senior Services Driver	Step A	22.5000
3747	Aqua Fitness Instructor	Step A	51.0000
1100	Aquatics Facilities Maintenance Worker	Step A	19.5000
		Step B	20.5000
		Step C	21.5000
		Step D	22.5000



City of Roseville
Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
9503	Assistant Pool Manager I	Step A	20.8373

1077	Assistant Pool Manager II	Step A	21.8791
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City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
9505	Building Inspection Assistant	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
9507	Child Care Aide	Step A	17.0000
		Step B	17.4198
		Step C	17.8500
		Step D	18.2908



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
9506	Child Care Program Assistant	Step A	20.5014
		Step B	21.0077
		Step C	21.5265
		Step D	22.0581
1010	Child Care Program Leader	Step A	24.6017
		Step B	25.2092
		Step C	25.8318
		Step D	26.4697



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name
9508	Child Care Teacher

Step Name	Hourly
Step A	17.8500
Step B	18.2908
Step C	18.7425
Step D	19.2053

CI10	Class Instructor
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Step A	0.0000
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City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code Grade Name

1230 College Intern

Step Name	Hourly
Step A	16.5000
Step B	17.3250
Step C	18.1913
Step D	19.1008
Step E	20.0559
Step F	21.0586
Step G	22.1116
Step H	23.2172
Step I	24.3780
Step J	25.5969
Step K	26.8768
Step L	28.2206
Step M	29.6316
Step N	31.1132
Step O	32.6689



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

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	600.0000 monthly stipend*
			*Mayor receives an additional \$50.00 per month
1164	Courier	Step A	21.2880
		Step B	21.9266
		Step C	22.5843
		Step D	23.2619



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
1137	Customer Service Specialist	Step A	18.0000
		Step B	18.5400
		Step C	19.0962
		Step D	19.6691
		Step E	20.2592
		Step F	20.8669
		Step G	21.4929
		Step H	22.1377
		Step I	22.8019
9509	Engineering Aide	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



City of Roseville
Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
1020	Event Recreation Program Leader	Step A	23.0000
1159	Event Specialist	Step A	21.5000
9510	Fire Equipment Specialist	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:X
Effective Date:03/22/2025

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:X
Effective Date:03/22/2025

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:X
Effective Date:03/22/2025

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
1145	High School Intern	Step A	18.0000
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	19.0000



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
9513	Interpretive Services Program Assistant	Step A	17.5000
		Step B	18.5000
		Step C	19.5000
		Step D	20.5000
9514	Interpretive Services Program Leader	Step A	20.0000
		Step B	21.0000
		Step C	22.0000
		Step D	23.0000



City of Roseville
Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code Grade Name

Step Name Hourly

9515 Library Page

Step A 16.5000

Step B 17.5000

Step C 18.5000

Step D 19.5000

1074 Lifeguard

Step A 18.0000



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name
9518	Maintenance Assistant

Step Name	Hourly
Step A	16.5000
Step B	17.3250
Step C	18.1913
Step D	19.1008
Step E	20.0559
Step F	21.0586
Step G	22.1116
Step H	23.2172
Step I	24.3780
Step J	25.5969
Step K	26.8768
Step L	28.2206
Step M	29.6316
Step N	31.1132
Step O	32.6689



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

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:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
9521	Parks and Facility Maintenance Worker	Step A	19.5000
		Step B	20.5000
		Step C	21.5000
		Step D	22.5000
1011	Parks and Facility Maintenance Worker-Commercial Driver	Step A	21.0000
		Step B	22.0000
		Step C	23.0000
		Step D	24.0000



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
9523	Parks and Open Space Equipment Operator	Step A	27.0000
		Step B	28.0000
		Step C	29.0000
		Step D	30.0000
1012	Parks and Open Space Equipment Operator-Commerical Driver	Step A	29.0000
		Step B	30.0000
		Step C	31.0000
		Step D	32.0000



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

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:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
9527	Pool Manager I	Step A	22.9731

1078	Pool Manager II	Step A	24.1217
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City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
9528	Preschool Teacher	Step A	21.5265
		Step B	22.0581
		Step C	22.6028
		Step D	23.1610
6110	Recreation Aide	Step A	14.0250



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
9532	Recreation Program Leader	Step A	20.0000
		Step B	21.0000
		Step C	22.0000
		Step D	23.0000
9533	Recreation Specialist I	Step A	16.5000
		Step B	17.5000
		Step C	18.5000
		Step D	19.5000



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name
9534	Recreation Specialist II

Step Name	Hourly
Step A	17.5000
Step B	18.5000
Step C	19.5000
Step D	20.5000

9535	Recreation Specialist III
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Step A	18.5000
Step B	19.5000
Step C	20.5000
Step D	21.5000



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
1157	Refuse Maintenance Assistant	Step A	23.6173
		Step B	24.2005
		Step C	24.7982
		Step D	25.4106
		Step E	26.0381
		Step F	26.6811
		Step G	27.3400
		Step H	28.0151
		Step I	28.7070
6252	Reserve Police Officer I	Step A	44.4084
		Step B	45.7785
		Step C	47.1908
		Step D	48.6465
		Step E	50.1476
		Step F	51.6946
		Step G	53.2893
		Step H	54.9334
		Step I	56.6282



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
6250	Reserve Police Officer II (Unpaid)	Step A	0.0000
6248	Reserve Police Officer III (Unpaid)	Step A	0.0000
9536	School Crossing Guard	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



City of Roseville
Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
9538	Senior Child Care Teacher	Step A	18.7425
		Step B	19.2053
		Step C	19.6796
		Step D	20.1656
1075	Senior Lifeguard I	Step A	18.9000
1076	Senior Lifeguard II	Step A	19.8450



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
9537	Senior School Crossing Guard	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
7005	Soccer Official	Step A	70.0000
7207	Sports Official/Scorer I	Step A	18.5000
7208	Sports Official/Scorer II	Step A	20.5000
9552	Swim Instructor Aide	Step A	18.0000
9553	Swim Instructor I	Step A	19.0000
9554	Swim Instructor II	Step A	20.0000



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name	Step Name	Hourly
1149	Therapeutic Recreation Program Leader	Step A	26.0000
		Step B	26.6421
		Step C	27.3000
		Step D	27.9742
		Step E	28.6650
		Step F	29.3729
		Step G	30.0983
		Step H	30.8416
		Step I	31.6032
9539	Video Technician	Step A	22.5676
		Step B	23.1250
		Step C	23.6962
		Step D	24.2815
		Step E	24.8813
		Step F	25.4958
		Step G	26.1256
		Step H	26.7709
		Step I	27.4321



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name
8941	Vocational Intern

Step Name	Hourly
Step A	16.5000
Step B	17.3250
Step C	18.1913
Step D	19.1008
Step E	20.0559
Step F	21.0586
Step G	22.1116
Step H	23.2172
Step I	24.3780
Step J	25.5969
Step K	26.8768
Step L	28.2206
Step M	29.6316
Step N	31.1132
Step O	32.6689



City of Roseville

Salary Schedule: Temporary--

Appendix:X
Effective Date:03/22/2025

TEMP Temporary

Grade Code	Grade Name
9540	Water Conservation Helper

Step Name	Hourly
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

ORDINANCE NO. 6922

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING ORDINANCE NO. 6895, THE SALARY ORDINANCE FOR NON-SWORN EMPLOYEES REPRESENTED BY THE ROSEVILLE POLICE ASSOCIATION, AS AMENDED BY APPENDIX “D” TO BE EFFECTIVE MARCH 22, 2025 AS AN URGENCY MEASURE

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Title and Purpose.

Ordinance No. 6895, the Salary Ordinance for non-sworn employees represented by the Roseville Police Association, is hereby amended as shown on Appendix “D” for salary schedules A & B attached hereto.

ADDITION OF CLASSIFICATION

<u>Classification No.</u>	<u>Position Title</u>	<u>Hourly Rate</u>
1163A/1163B	Police Community Outreach Specialist	\$42.23

SECTION 2. Salary Schedule Effective Date.

This Ordinance shall be effective March 22, 2025 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 March 22, 2025. 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:

MAYOR

ATTEST:

City Clerk



City of Roseville

Salary Schedule: Roseville Police Association-A

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
0100A	Animal Control Officer-A	Step A	30.5351	2442.81	5292.75	63513.01
		Step B	32.0618	2564.94	5557.38	66688.54
		Step C	33.6649	2693.19	5835.25	70022.99
		Step D	35.3482	2827.86	6127.02	73524.26
		Step E	37.1157	2969.26	6433.39	77200.66
		Step F	38.9715	3117.72	6755.06	81060.72
		Step G	40.9198	3273.58	7092.77	85113.18
		Step H	42.9661	3437.29	7447.46	89369.49
0110A	Animal Control Supervisor-A	Step A	36.6420	2931.36	6351.28	76215.36
		Step B	38.4741	3077.93	6668.84	80026.13
		Step C	40.3978	3231.82	7002.29	84027.42
		Step D	42.4178	3393.42	7352.42	88229.02
		Step E	44.5385	3563.08	7720.01	92640.08
		Step F	46.7655	3741.24	8106.02	97272.24
		Step G	49.1039	3928.31	8511.34	102136.11
		Step H	51.5589	4124.71	8936.88	107242.51



City of Roseville

Salary Schedule: Roseville Police Association-A

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1430A	Communications Supervisor-A	Step A	42.6095	3408.76	7385.65	88627.76
		Step B	44.7398	3579.18	7754.90	93058.78
		Step C	46.9768	3758.14	8142.65	97711.74
		Step D	49.3258	3946.06	8549.81	102597.66
		Step E	51.7919	4143.35	8977.26	107727.15
		Step F	54.3816	4350.53	9426.14	113113.73
		Step G	57.1007	4568.06	9897.45	118769.46
		Step H	59.9557	4796.46	10392.32	124707.86
1379A	Community Services Officer I-A	Step A	25.2361	2018.89	4374.26	52491.09
		Step B	26.4979	2119.83	4592.97	55115.63
		Step C	27.8227	2225.82	4822.60	57871.22
		Step D	29.2138	2337.10	5063.73	60764.70
		Step E	30.6746	2453.97	5316.93	63803.17
		Step F	32.2083	2576.66	5582.77	66993.26
		Step G	33.8187	2705.50	5861.91	70342.90
		Step H	35.5097	2840.78	6155.01	73860.18



City of Roseville

Salary Schedule: Roseville Police Association-A

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1380A	Community Services Officer II-A	Step A	27.7597	2220.78	4811.68	57740.18
		Step B	29.1478	2331.82	5052.29	60627.42
		Step C	30.6051	2448.41	5304.88	63658.61
		Step D	32.1355	2570.84	5570.15	66841.84
		Step E	33.7422	2699.38	5848.65	70183.78
		Step F	35.4292	2834.34	6141.06	73692.74
		Step G	37.2008	2976.06	6448.14	77377.66
		Step H	39.0609	3124.87	6770.56	81246.67
1146A	Crime Analysis Supervisor-A	Step A	45.5577	3644.62	7896.67	94760.02
		Step B	47.8355	3826.84	8291.49	99497.84
		Step C	50.2274	4018.19	8706.08	104472.99
		Step D	52.7387	4219.10	9141.37	109696.50
		Step E	55.3756	4430.05	9598.44	115181.25
		Step F	58.1444	4651.55	10078.36	120940.35
		Step G	61.0516	4884.13	10582.28	126987.33
		Step H	64.1042	5128.34	11111.39	133336.74



City of Roseville

Salary Schedule: Roseville Police Association-A

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1475A	Crime Analyst-A	Step A	37.9649	3037.19	6580.58	78966.99
		Step B	39.8631	3189.05	6909.60	82915.25
		Step C	41.8561	3348.49	7255.06	87060.69
		Step D	43.9488	3515.90	7617.79	91413.50
		Step E	46.1463	3691.70	7998.69	95984.30
		Step F	48.4537	3876.30	8398.64	100783.70
		Step G	50.8764	4070.11	8818.58	105822.91
		Step H	53.4202	4273.62	9259.50	111114.02
1685A	Dispatcher I-A	Step A	32.2797	2582.38	5595.15	67141.78
		Step B	33.8936	2711.49	5874.89	70498.69
		Step C	35.5883	2847.06	6168.64	74023.66
		Step D	37.3676	2989.41	6477.05	77724.61
		Step E	39.2362	3138.90	6800.94	81611.30
		Step F	41.1979	3295.83	7140.97	85691.63
		Step G	43.2579	3460.63	7498.04	89976.43
		Step H	45.4205	3633.64	7872.89	94474.64



City of Roseville

Salary Schedule: Roseville Police Association-A

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1700A	Dispatcher II-A	Step A	35.5076	2840.61	6154.65	73855.81
		Step B	37.2830	2982.64	6462.39	77548.64
		Step C	39.1472	3131.78	6785.51	81426.18
		Step D	41.1046	3288.37	7124.80	85497.57
		Step E	43.1598	3452.78	7481.03	89772.38
		Step F	45.3178	3625.42	7855.09	94261.02
		Step G	47.5836	3806.69	8247.82	98973.89
		Step H	49.9628	3997.02	8660.22	103922.62
1163A	Police Community Outreach Specialist-A	Step A	30.0142	2401.14	5202.46	62429.54
		Step B	31.5149	2521.19	5462.58	65550.99
		Step C	33.0906	2647.25	5735.70	68828.45
		Step D	34.7452	2779.62	6022.50	72270.02
		Step E	36.4824	2918.59	6323.62	75883.39
		Step F	38.3065	3064.52	6639.79	79677.52
		Step G	40.2219	3217.75	6971.80	83661.55
		Step H	42.2330	3378.64	7320.39	87844.64



City of Roseville

Salary Schedule: Roseville Police Association-A

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5432A	Police Officer Trainee-A	Step A	30.9586	2476.69	5366.16	64393.89
		Step B	32.5067	2600.54	5634.49	67613.94
		Step C	34.1319	2730.55	5916.20	70994.35
		Step D	35.8385	2867.08	6212.01	74544.08
		Step E	37.6305	3010.44	6522.62	78271.44
		Step F	39.5121	3160.97	6848.76	82185.17
		Step G	41.4877	3319.02	7191.20	86294.42
		Step H	43.5619	3484.95	7550.73	90608.75
5429A	Police Property and Evidence Sup-A	Step A	42.6095	3408.76	7385.65	88627.76
		Step B	44.7398	3579.18	7754.90	93058.78
		Step C	46.9768	3758.14	8142.65	97711.74
		Step D	49.3258	3946.06	8549.81	102597.66
		Step E	51.7919	4143.35	8977.26	107727.15
		Step F	54.3816	4350.53	9426.14	113113.73
		Step G	57.1007	4568.06	9897.45	118769.46
		Step H	59.9557	4796.46	10392.32	124707.86



City of Roseville

Salary Schedule: Roseville Police Association-A

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
1093A	Police Property and Evidence Technician I-A	Step A	24.6665	1973.32	4275.53	51306.32
		Step B	25.9000	2072.00	4489.33	53872.00
		Step C	27.1949	2175.59	4713.78	56565.39
		Step D	28.5547	2284.38	4949.48	59393.78
		Step E	29.9824	2398.59	5196.95	62363.39
		Step F	31.4814	2518.51	5456.78	65481.31
		Step G	33.0555	2644.44	5729.62	68755.44
		Step H	34.7082	2776.66	6016.09	72193.06
1094A	Police Property and Evidence Technician II-A	Step A	27.1332	2170.66	4703.09	56437.06
		Step B	28.4899	2279.19	4938.25	59258.99
		Step C	29.9145	2393.16	5185.18	62222.16
		Step D	31.4102	2512.82	5444.43	65333.22
		Step E	32.9806	2638.45	5716.64	68599.65
		Step F	34.6296	2770.37	6002.46	72029.57
		Step G	36.3612	2908.90	6302.61	75631.30
		Step H	38.1793	3054.34	6617.75	79412.94



City of Roseville

Salary Schedule: Roseville Police Association-A

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5435A	Police Records Clerk I-A	Step A	22.4239	1793.91	3886.81	46641.71
		Step B	23.5451	1883.61	4081.15	48973.81
		Step C	24.7224	1977.79	4285.22	51422.59
		Step D	25.9583	2076.66	4499.44	53993.26
		Step E	27.2564	2180.51	4724.44	56693.31
		Step F	28.6192	2289.54	4960.66	59527.94
		Step G	30.0503	2404.02	5208.72	62504.62
		Step H	31.5528	2524.22	5469.15	65629.82
5440A	Police Records Clerk II-A	Step A	24.6675	1973.40	4275.70	51308.40
		Step B	25.9009	2072.07	4489.49	53873.87
		Step C	27.1959	2175.67	4713.96	56567.47
		Step D	28.5558	2284.46	4949.67	59396.06
		Step E	29.9834	2398.67	5197.12	62365.47
		Step F	31.4827	2518.62	5457.00	65484.02
		Step G	33.0569	2644.55	5729.86	68758.35
		Step H	34.7097	2776.78	6016.35	72196.18



City of Roseville

Salary Schedule: Roseville Police Association-A

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
5492A	Police Scene Technician I-A	Step A	32.2797	2582.38	5595.15	67141.78
		Step B	33.8936	2711.49	5874.89	70498.69
		Step C	35.5883	2847.06	6168.64	74023.66
		Step D	37.3676	2989.41	6477.05	77724.61
		Step E	39.2360	3138.88	6800.91	81610.88
		Step F	41.1979	3295.83	7140.97	85691.63
		Step G	43.2578	3460.62	7498.02	89976.22
		Step H	45.4205	3633.64	7872.89	94474.64
5494A	Police Scene Technician II-A	Step A	35.5073	2840.58	6154.60	73855.18
		Step B	37.2829	2982.63	6462.37	77548.43
		Step C	39.1470	3131.76	6785.48	81425.76
		Step D	41.1041	3288.33	7124.71	85496.53
		Step E	43.1596	3452.77	7481.00	89771.97
		Step F	45.3175	3625.40	7855.03	94260.40
		Step G	47.5834	3806.67	8247.79	98973.47
		Step H	49.9625	3997.00	8660.17	103922.00



City of Roseville

Salary Schedule: Roseville Police Association-A

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

		Step Name	Hourly	Bi-Weekly	Monthly	Annual
5657A	Public Safety Program Coordinator-A	Step A	35.5073	2840.58	6154.60	73855.18
		Step B	37.2829	2982.63	6462.37	77548.43
		Step C	39.1470	3131.76	6785.48	81425.76
		Step D	41.1041	3288.33	7124.71	85496.53
		Step E	43.1596	3452.77	7481.00	89771.97
		Step F	45.3175	3625.40	7855.03	94260.40
		Step G	47.5834	3806.67	8247.79	98973.47
		Step H	49.9625	3997.00	8660.17	103922.00
5748A	Records Supervisor-A	Step A	32.5612	2604.90	5643.94	67727.30
		Step B	34.1892	2735.14	5926.13	71113.54
		Step C	35.8987	2871.90	6222.44	74669.30
		Step D	37.6937	3015.50	6533.57	78402.90
		Step E	39.5782	3166.26	6860.22	82322.66
		Step F	41.5572	3324.58	7203.25	86438.98
		Step G	43.6351	3490.81	7563.42	90761.01
		Step H	45.8168	3665.34	7941.58	95298.94



City of Roseville

Salary Schedule: Roseville Police Association-A

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1092A	Senior Police Records Clerk-A	Step A	27.1342	2170.74	4703.26	56439.14
		Step B	28.4910	2279.28	4938.44	59261.28
		Step C	29.9155	2393.24	5185.35	62224.24
		Step D	31.4113	2512.90	5444.63	65335.50
		Step E	32.9819	2638.55	5716.86	68602.35
		Step F	34.6310	2770.48	6002.71	72032.48
		Step G	36.3625	2909.00	6302.83	75634.00
		Step H	38.1806	3054.45	6617.97	79415.65



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

0100B	Animal Control Officer-B	Step A	30.5351	2442.81	5292.75	63513.01
		Step B	31.9708	2557.66	5541.61	66499.26
		Step C	32.9299	2634.39	5707.85	68494.19
		Step D	33.9178	2713.42	5879.09	70549.02
		Step E	34.9353	2794.82	6055.45	72665.42
		Step F	35.9833	2878.66	6237.11	74845.26
		Step G	37.0630	2965.04	6424.25	77091.04
		Step H	38.1749	3053.99	6616.98	79403.79
		Step I	39.3200	3145.60	6815.47	81785.60
		Step J	40.4996	3239.97	7019.93	84239.17
		Step K	41.7146	3337.17	7230.53	86766.37
		Step L	42.9661	3437.29	7447.46	89369.49



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
0110B	Animal Control Supervisor-B	Step A	36.6420	2931.36	6351.28	76215.36
		Step B	38.3647	3069.18	6649.88	79798.58
		Step C	39.5157	3161.26	6849.39	82192.66
		Step D	40.7011	3256.09	7054.86	84658.29
		Step E	41.9222	3353.78	7266.51	87198.18
		Step F	43.1798	3454.38	7484.50	89813.98
		Step G	44.4754	3558.03	7709.07	92508.83
		Step H	45.8095	3664.76	7940.31	95283.76
		Step I	47.1838	3774.70	8178.53	98142.30
		Step J	48.5994	3887.95	8423.90	101086.75
		Step K	50.0574	4004.59	8676.62	104119.39
		Step L	51.5589	4124.71	8936.88	107242.51



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1430B	Communications Supervisor-B	Step A	42.6095	3408.76	7385.65	88627.76
		Step B	44.6126	3569.01	7732.85	92794.21
		Step C	45.9510	3676.08	7964.84	95578.08
		Step D	47.3296	3786.37	8203.80	98445.57
		Step E	48.7494	3899.95	8449.90	101398.75
		Step F	50.2119	4016.95	8703.40	104440.75
		Step G	51.7184	4137.47	8964.52	107574.27
		Step H	53.2699	4261.59	9233.45	110801.39
		Step I	54.8679	4389.43	9510.44	114125.23
		Step J	56.5140	4521.12	9795.76	117549.12
		Step K	58.2093	4656.74	10089.61	121075.34
		Step L	59.9557	4796.46	10392.32	124707.86



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1379B	Community Services Officer I-B	Step A	25.2361	2018.89	4374.26	52491.09
		Step B	26.4226	2113.81	4579.92	54959.01
		Step C	27.2152	2177.22	4717.30	56607.62
		Step D	28.0316	2242.53	4858.81	58305.73
		Step E	28.8727	2309.82	5004.60	60055.22
		Step F	29.7388	2379.10	5154.73	61856.70
		Step G	30.6309	2450.47	5309.36	63712.27
		Step H	31.5499	2523.99	5468.65	65623.79
		Step I	32.4964	2599.71	5632.71	67592.51
		Step J	33.4714	2677.71	5801.71	69620.51
		Step K	34.4755	2758.04	5975.75	71709.04
		Step L	35.5097	2840.78	6155.01	73860.18



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1380B	Community Services Officer II-B	Step A	27.7597	2220.78	4811.68	57740.18
		Step B	29.0650	2325.20	5037.93	60455.20
		Step C	29.9369	2394.95	5189.06	62268.75
		Step D	30.8351	2466.81	5344.75	64137.01
		Step E	31.7601	2540.81	5505.08	66061.01
		Step F	32.7130	2617.04	5670.25	68043.04
		Step G	33.6943	2695.54	5840.35	70084.14
		Step H	34.7051	2776.41	6015.55	72186.61
		Step I	35.7463	2859.70	6196.03	74352.30
		Step J	36.8187	2945.50	6381.91	76582.90
		Step K	37.9232	3033.86	6573.35	78880.26
		Step L	39.0609	3124.87	6770.56	81246.67



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1146B	Crime Analysis Supervisor-B	Step A	45.5577	3644.62	7896.67	94760.02
		Step B	47.6995	3815.96	8267.91	99214.96
		Step C	49.1305	3930.44	8515.95	102191.44
		Step D	50.6045	4048.36	8771.45	105257.36
		Step E	52.1226	4169.81	9034.58	108415.01
		Step F	53.6862	4294.90	9305.61	111667.30
		Step G	55.2968	4423.74	9584.78	115017.34
		Step H	56.9558	4556.46	9872.34	118468.06
		Step I	58.6644	4693.15	10168.50	122021.95
		Step J	60.4244	4833.95	10473.56	125682.75
		Step K	62.2371	4978.97	10787.76	129453.17
		Step L	64.1042	5128.34	11111.39	133336.74



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1475B	Crime Analyst-B	Step A	37.9649	3037.19	6580.58	78966.99
		Step B	39.7497	3179.98	6889.95	82679.38
		Step C	40.9421	3275.37	7096.63	85159.57
		Step D	42.1703	3373.62	7309.52	87714.22
		Step E	43.4355	3474.84	7528.82	90345.84
		Step F	44.7386	3579.09	7754.69	93056.29
		Step G	46.0807	3686.46	7987.32	95847.86
		Step H	47.4631	3797.05	8226.94	98723.25
		Step I	48.8870	3910.96	8473.75	101684.96
		Step J	50.3536	4028.29	8727.96	104735.49
		Step K	51.8643	4149.14	8989.81	107877.74
		Step L	53.4202	4273.62	9259.50	111114.02



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1685B	Dispatcher I-B	Step A	32.2797	2582.38	5595.15	67141.78
		Step B	33.7971	2703.77	5858.16	70297.97
		Step C	34.8111	2784.89	6033.92	72407.09
		Step D	35.8553	2868.42	6214.92	74579.02
		Step E	36.9311	2954.49	6401.39	76816.69
		Step F	38.0389	3043.11	6593.41	79120.91
		Step G	39.1801	3134.41	6791.22	81494.61
		Step H	40.3556	3228.45	6994.97	83939.65
		Step I	41.5662	3325.30	7204.81	86457.70
		Step J	42.8132	3425.06	7420.95	89051.46
		Step K	44.0977	3527.82	7643.60	91723.22
		Step L	45.4205	3633.64	7872.89	94474.64



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1700B	Dispatcher II-B	Step A	35.5076	2840.61	6154.65	73855.81
		Step B	37.1771	2974.17	6444.03	77328.37
		Step C	38.2924	3063.39	6637.35	79648.19
		Step D	39.4411	3155.29	6836.46	82037.49
		Step E	40.6244	3249.95	7041.56	84498.75
		Step F	41.8431	3347.45	7252.80	87033.65
		Step G	43.0984	3447.87	7470.39	89644.67
		Step H	44.3912	3551.30	7694.47	92333.70
		Step I	45.7231	3657.85	7925.34	95104.05
		Step J	47.0948	3767.58	8163.10	97957.18
		Step K	48.5077	3880.62	8408.00	100896.02
		Step L	49.9628	3997.02	8660.22	103922.62



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

1163B	Police Community Outreach Specialist-B	Step A	30.0142	2401.14	5202.46	62429.54
		Step B	31.4253	2514.02	5447.05	65364.62
		Step C	32.3680	2589.44	5610.45	67325.44
		Step D	33.3391	2667.13	5778.78	69345.33
		Step E	34.3393	2747.14	5952.15	71425.74
		Step F	35.3694	2829.55	6130.70	73568.35
		Step G	36.4305	2914.44	6314.62	75775.44
		Step H	37.5234	3001.87	6504.06	78048.67
		Step I	38.6491	3091.93	6699.18	80390.13
		Step J	39.8086	3184.69	6900.16	82801.89
		Step K	41.0029	3280.23	7107.17	85286.03
		Step L	42.2330	3378.64	7320.39	87844.64



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5432B	Police Officer Trainee-B	Step A	30.9586	2476.69	5366.16	64393.89
		Step B	32.4141	2593.13	5618.44	67421.33
		Step C	33.3865	2670.92	5786.99	69443.92
		Step D	34.3881	2751.05	5960.60	71527.25
		Step E	35.4197	2833.58	6139.41	73672.98
		Step F	36.4823	2918.58	6323.60	75883.18
		Step G	37.5768	3006.14	6513.31	78159.74
		Step H	38.7041	3096.33	6708.71	80504.53
		Step I	39.8653	3189.22	6909.99	82919.82
		Step J	41.0612	3284.90	7117.27	85407.30
		Step K	42.2932	3383.46	7330.82	87969.86
		Step L	43.5619	3484.95	7550.73	90608.75



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5429B	Police Property and Evidence Sup-B	Step A	42.6095	3408.76	7385.65	88627.76
		Step B	44.6126	3569.01	7732.85	92794.21
		Step C	45.9510	3676.08	7964.84	95578.08
		Step D	47.3296	3786.37	8203.80	98445.57
		Step E	48.7494	3899.95	8449.90	101398.75
		Step F	50.2119	4016.95	8703.40	104440.75
		Step G	51.7184	4137.47	8964.52	107574.27
		Step H	53.2699	4261.59	9233.45	110801.39
		Step I	54.8679	4389.43	9510.44	114125.23
		Step J	56.5140	4521.12	9795.76	117549.12
		Step K	58.2093	4656.74	10089.61	121075.34
		Step L	59.9557	4796.46	10392.32	124707.86



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1093B	Police Property and Evidence Technician I-B	Step A	24.6665	1973.32	4275.53	51306.32
		Step B	25.8263	2066.10	4476.56	53718.70
		Step C	26.6011	2128.09	4610.86	55330.29
		Step D	27.3992	2191.94	4749.19	56990.34
		Step E	28.2211	2257.69	4891.66	58699.89
		Step F	29.0677	2325.42	5038.40	60460.82
		Step G	29.9398	2395.18	5189.57	62274.78
		Step H	30.8378	2467.02	5345.22	64142.62
		Step I	31.7631	2541.05	5505.60	66067.25
		Step J	32.7161	2617.29	5670.79	68049.49
		Step K	33.6975	2695.80	5840.90	70090.80
		Step L	34.7082	2776.66	6016.09	72193.06



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1094B	Police Property and Evidence Technician II-B	Step A	27.1332	2170.66	4703.09	56437.06
		Step B	28.4089	2272.71	4924.21	59090.51
		Step C	29.2612	2340.90	5071.94	60863.30
		Step D	30.1389	2411.11	5224.08	62688.91
		Step E	31.0433	2483.46	5380.84	64570.06
		Step F	31.9746	2557.97	5542.26	66507.17
		Step G	32.9337	2634.70	5708.51	68502.10
		Step H	33.9217	2713.74	5879.76	70557.14
		Step I	34.9394	2795.15	6056.16	72673.95
		Step J	35.9875	2879.00	6237.83	74854.00
		Step K	37.0673	2965.38	6425.00	77099.98
		Step L	38.1793	3054.34	6617.75	79412.94



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5435B	Police Records Clerk I-B	Step A	22.4239	1793.91	3886.81	46641.71
		Step B	23.4782	1878.26	4069.55	48834.66
		Step C	24.1825	1934.60	4191.63	50299.60
		Step D	24.9081	1992.65	4317.40	51808.85
		Step E	25.6553	2052.42	4446.92	53363.02
		Step F	26.4249	2113.99	4580.32	54963.79
		Step G	27.2176	2177.41	4717.72	56612.61
		Step H	28.0342	2242.74	4859.26	58311.14
		Step I	28.8754	2310.03	5005.07	60060.83
		Step J	29.7415	2379.32	5155.19	61862.32
		Step K	30.6337	2450.70	5309.84	63718.10
		Step L	31.5528	2524.22	5469.15	65629.82



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5440B	Police Records Clerk II-B	Step A	24.6675	1973.40	4275.70	51308.40
		Step B	25.8273	2066.18	4476.73	53720.78
		Step C	26.6020	2128.16	4611.01	55332.16
		Step D	27.4001	2192.01	4749.35	56992.21
		Step E	28.2222	2257.78	4891.85	58702.18
		Step F	29.0689	2325.51	5038.61	60463.31
		Step G	29.9409	2395.27	5189.76	62277.07
		Step H	30.8392	2467.14	5345.46	64145.54
		Step I	31.7643	2541.14	5505.81	66069.74
		Step J	32.7172	2617.38	5670.98	68051.78
		Step K	33.6987	2695.90	5841.11	70093.30
		Step L	34.7097	2776.78	6016.35	72196.18



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5492B	Police Scene Technician I-B	Step A	32.2797	2582.38	5595.15	67141.78
		Step B	33.7971	2703.77	5858.16	70297.97
		Step C	34.8111	2784.89	6033.92	72407.09
		Step D	35.8553	2868.42	6214.92	74579.02
		Step E	36.9311	2954.49	6401.39	76816.69
		Step F	38.0389	3043.11	6593.41	79120.91
		Step G	39.1801	3134.41	6791.22	81494.61
		Step H	40.3556	3228.45	6994.97	83939.65
		Step I	41.5662	3325.30	7204.81	86457.70
		Step J	42.8132	3425.06	7420.95	89051.46
		Step K	44.0977	3527.82	7643.60	91723.22
		Step L	45.4205	3633.64	7872.89	94474.64



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5494B	Police Scene Technician II-B	Step A	35.5073	2840.58	6154.60	73855.18
		Step B	37.1769	2974.15	6444.00	77327.95
		Step C	38.2922	3063.38	6637.31	79647.78
		Step D	39.4410	3155.28	6836.44	82037.28
		Step E	40.6242	3249.94	7041.53	84498.34
		Step F	41.8429	3347.43	7252.77	87033.23
		Step G	43.0982	3447.86	7470.35	89644.26
		Step H	44.3911	3551.29	7694.46	92333.49
		Step I	45.7228	3657.82	7925.29	95103.42
		Step J	47.0945	3767.56	8163.05	97956.56
		Step K	48.5073	3880.58	8407.93	100895.18
		Step L	49.9625	3997.00	8660.17	103922.00



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
5657B	Public Safety Program Coordinator-B	Step A	35.5073	2840.58	6154.60	73855.18
		Step B	37.1769	2974.15	6444.00	77327.95
		Step C	38.2922	3063.38	6637.31	79647.78
		Step D	39.4410	3155.28	6836.44	82037.28
		Step E	40.6242	3249.94	7041.53	84498.34
		Step F	41.8429	3347.43	7252.77	87033.23
		Step G	43.0982	3447.86	7470.35	89644.26
		Step H	44.3911	3551.29	7694.46	92333.49
		Step I	45.7228	3657.82	7925.29	95103.42
		Step J	47.0945	3767.56	8163.05	97956.56
		Step K	48.5073	3880.58	8407.93	100895.18
		Step L	49.9625	3997.00	8660.17	103922.00



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name
5748B Records Supervisor-B

Step Name	Hourly	Bi-Weekly	Monthly	Annual
Step A	32.5612	2604.90	5643.94	67727.30
Step B	34.0919	2727.35	5909.26	70911.15
Step C	35.1148	2809.18	6086.57	73038.78
Step D	36.1683	2893.46	6269.17	75230.06
Step E	37.2533	2980.26	6457.24	77486.86
Step F	38.3709	3069.67	6650.96	79811.47
Step G	39.5221	3161.77	6850.50	82205.97
Step H	40.7076	3256.61	7055.98	84671.81
Step I	41.9289	3354.31	7267.68	87212.11
Step J	43.1867	3454.94	7485.69	89828.34
Step K	44.4822	3558.58	7710.25	92522.98
Step L	45.8168	3665.34	7941.58	95298.94



City of Roseville

Salary Schedule: Roseville Police Association-B

Appendix:D
Effective Date:03/22/2025

RPA Roseville Police Association
Grade Code Grade Name

Grade Code	Grade Name	Step Name	Hourly	Bi-Weekly	Monthly	Annual
1092B	Senior Police Records Clerk-B	Step A	27.1342	2170.74	4703.26	56439.14
		Step B	28.4099	2272.79	4924.38	59092.59
		Step C	29.2623	2340.98	5072.13	60865.58
		Step D	30.1401	2411.21	5224.28	62691.41
		Step E	31.0444	2483.55	5381.03	64572.35
		Step F	31.9757	2558.06	5542.45	66509.46
		Step G	32.9349	2634.79	5708.72	68504.59
		Step H	33.9230	2713.84	5879.99	70559.84
		Step I	34.9407	2795.26	6056.39	72676.66
		Step J	35.9889	2879.11	6238.08	74856.91
		Step K	37.0686	2965.49	6425.22	77102.69
		Step L	38.1806	3054.45	6617.97	79415.65

Position Allocation Control Report

Report as of
Date: 3/22/2025

Position Code	Position Title	Allocated FTE
CAO220245001	Assistant City Attorney	1.00
CAO221200001	City Attorney	1.00
CAO221658001	Deputy City Attorney I/II	1.00
CAO221132002	Legal Assistant I/II	1.00
CAO221132001	Legal Assistant I/II	1.00
CAO225015001	Paralegal	1.00
CAO227123005	Senior Deputy City Attorney	1.00
CAO227123003	Senior Deputy City Attorney	1.00
CAO227123002	Senior Deputy City Attorney	1.00
CAO227123001	Senior Deputy City Attorney	1.00
Total for Department: CAO City Attorney		10.00

Position Code	Position Title	Allocated FTE
CCD360250001	Assistant City Clerk	1.00
CCD361220001	City Clerk	1.00
CCD361227005	City Clerk Technician I/II	1.00
CCD361227004	City Clerk Technician I/II	1.00
CCD361227003	City Clerk Technician I/II	1.00
CCD361227002	City Clerk Technician I/II	1.00
CCD361227001	City Clerk Technician I/II	1.00
CCD361665002	Deputy City Clerk I/II	1.00
CCD361665001	Deputy City Clerk I/II	1.00
CCD369548006	Passport Agent	0.50
CCD369548004	Passport Agent	0.50
CCD369548002	Passport Agent	1.00
CCD369548001	Passport Agent	1.00
Total for Department: CCD City Clerk		12.00

Position Code	Position Title	Allocated FTE
CMO140325001	Assistant City Manager	1.00
CMO141240001	City Manager	1.00
CMO142551002	Executive Assistant	1.00
CMO142551001	Executive Assistant	1.00
CMO1414449001	Management Analyst - City Manager	1.00
CMO144457001	Management Assistant I/II	1.00
Total for Department: CMO City Managers		6.00

Position Code	Position Title	Allocated FTE
DSD660071001	Administrative Assistant	1.00
DSD660084001	Administrative Technician	1.00
DSD661017001	Assistant Building Official	1.00

DSD661005006	Associate (PE)/Assistant/Junior Engineer	1.00
DSD661005005	Associate (PE)/Assistant/Junior Engineer	1.00
DSD661005004	Associate (PE)/Assistant/Junior Engineer	1.00
DSD661005003	Associate (PE)/Assistant/Junior Engineer	1.00
DSD661005002	Associate (PE)/Assistant/Junior Engineer	1.00
DSD661005001	Associate (PE)/Assistant/Junior Engineer	1.00
DSD660820001	Associate Engineer	1.00
DSD660900005	Associate/Assistant Planner	1.00
DSD660900004	Associate/Assistant Planner	1.00
DSD660900003	Associate/Assistant Planner	1.00
DSD660900002	Associate/Assistant Planner	1.00
DSD660900001	Associate/Assistant Planner	1.00
DSD661019008	Building Inspector I/II	1.00
DSD661019007	Building Inspector I/II	1.00
DSD661019006	Building Inspector I/II	1.00
DSD661019005	Building Inspector I/II	1.00
DSD661019004	Building Inspector I/II	1.00
DSD661019003	Building Inspector I/II	1.00
DSD661019002	Building Inspector I/II	1.00
DSD661043001	Building Official	1.00
DSD661047005	Building Plans Examiner I/II	1.00
DSD661047004	Building Plans Examiner I/II	1.00
DSD661047003	Building Plans Examiner I/II	1.00
DSD661047002	Building Plans Examiner I/II	1.00
DSD661047001	Building Plans Examiner I/II	1.00
DSD661141001	Building Plans Examiner Supervisor	1.00
DSD661369005	Code Enforcement Inspector I/II	1.00
DSD661369004	Code Enforcement Inspector I/II	1.00
DSD661369003	Code Enforcement Inspector I/II	1.00
DSD661369002	Code Enforcement Inspector I/II	1.00
DSD661369001	Code Enforcement Inspector I/II	1.00
DSD661368001	Code Enforcement Supervisor	1.00
DSD661027001	Construction Inspection Superintendent	1.00
DSD661248001	Construction Inspection Supervisor	1.00
DSD661434005	Construction Inspector I/II	1.00
DSD661434004	Construction Inspector I/II	1.00
DSD661434003	Construction Inspector I/II	1.00
DSD661434002	Construction Inspector I/II	1.00
DSD661434001	Construction Inspector I/II	1.00
DSD661096002	Development Services Business Analyst I/II	1.00
DSD661096001	Development Services Business Analyst I/II	1.00
DSD661280001	Development Services Business Systems Administrator	1.00
DSD661676001	Development Services Director	1.00
DSD661695001	Development Services Manager	1.00
DSD661672005	Development Technician I/II	1.00
DSD661672004	Development Technician I/II	1.00
DSD661672003	Development Technician I/II	1.00

DSD661672002	Development Technician I/II	1.00
DSD661672001	Development Technician I/II	1.00
DSD661277001	Engineering Manager	1.00
DSD662540001	Environmental Coordinator	1.00
DSD663412001	GIS Analyst I/II	1.00
DSD662214001	GIS Technician I/II	1.00
DSD660050001	Management Analyst I/II	1.00
DSD664957002	Office Assistant I/II	1.00
DSD664957001	Office Assistant I/II	1.00
DSD665279004	Permit Technician I/II	1.00
DSD665279003	Permit Technician I/II	1.00
DSD665279002	Permit Technician I/II	1.00
DSD665279001	Permit Technician I/II	1.00
DSD661501001	Permits Supervisor	1.00
DSD665309001	Planning Manager	1.00
DSD665514001	Principal Engineer	1.00
DSD667117001	Senior Building Inspector	1.00
DSD661017002	Senior Building Inspector	1.00
DSD667195002	Senior Building Plans Examiner	1.00
DSD667121002	Senior Construction Inspector	1.00
DSD667121001	Senior Construction Inspector	1.00
DSD661097001	Senior Development Services Business Analyst	1.00
DSD667142003	Senior Engineer	1.00
DSD667142002	Senior Engineer	1.00
DSD661502001	Senior Permits Technician	1.00
DSD667180002	Senior Planner	1.00
DSD667180001	Senior Planner	1.00

Total for Department:	DSD Development Services	77.00
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Position Code	Position Title	Allocated FTE
EDD541675001	Economic Development Analyst I/II	1.00
EDD541710001	Economic Development Director	1.00
EDD541118001	Economic Development Manager	1.00
EDD541001002	Economic Development Project Manager	1.00
EDD543402004	Housing Analyst I/II	1.00
EDD543402003	Housing Analyst I/II	1.00
EDD543402002	Housing Analyst I/II	1.00
EDD543402001	Housing Analyst I/II	1.00
EDD543589001	Housing Manager	1.00
EDD543590001	Housing Supervisor	1.00
EDD543592004	Housing Technician I/II	1.00
EDD543592003	Housing Technician I/II	1.00
EDD543592002	Housing Technician I/II	1.00
EDD543592001	Housing Technician I/II	1.00
EDD540050001	Management Analyst I/II	1.00
EDD544957001	Office Assistant I/II	1.00

EDD547148001	Senior Housing Technician	1.00
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Total for Department:	EDD Economic Development	17.00
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Position Code	Position Title	Allocated FTE
ELE700071001	Administrative Assistant	1.00
ELE700084005	Administrative Technician	1.00
ELE700084003	Administrative Technician	1.00
ELE700084002	Administrative Technician	1.00
ELE700084001	Administrative Technician	1.00
ELE700395004	Assistant Electric Utility Director	1.00
ELE700395003	Assistant Electric Utility Director	1.00
ELE700395002	Assistant Electric Utility Director	1.00
ELE700395001	Assistant Electric Utility Director	1.00
ELE701067009	Associate/Assistant Electric Analyst	1.00
ELE701067008	Associate/Assistant Electric Analyst	1.00
ELE701067007	Associate/Assistant Electric Analyst	1.00
ELE701067006	Associate/Assistant Electric Analyst	1.00
ELE701067005	Associate/Assistant Electric Analyst	1.00
ELE701067004	Associate/Assistant Electric Analyst	1.00
ELE701067003	Associate/Assistant Electric Analyst	1.00
ELE701067010	Associate/Assistant Electric Analyst	1.00
ELE701067002	Associate/Assistant Electric Analyst	1.00
ELE701067001	Associate/Assistant Electric Analyst	1.00
ELE701150001	Customer Care Manager	1.00
ELE701645001	Department Public Information Officer	1.00
ELE701312006	Electric Business Analyst I/II	1.00
ELE701312004	Electric Business Analyst I/II	1.00
ELE701312003	Electric Business Analyst I/II	1.00
ELE701312002	Electric Business Analyst I/II	1.00
ELE701312001	Electric Business Analyst I/II	1.00
ELE701312005	Electric Business Analyst I/II	1.00
ELE701312007	Electric Business Analyst I/II	1.00
ELE702335002	Electric Compliance Analyst I/II	1.00
ELE702335001	Electric Compliance Analyst I/II	1.00
ELE701151001	Electric Customer Programs and Public Affairs Supervisor	1.00
ELE702330002	Electric Drafting Technician I/II	1.00
ELE701117001	Electric Economic Development and Partnership Manager	1.00
ELE702345005	Electric Engineering Technician I/II	1.00
ELE702345004	Electric Engineering Technician I/II	1.00
ELE702345003	Electric Engineering Technician I/II	1.00
ELE702345001	Electric Engineering Technician I/II	1.00
ELE702284001	Electric Engineering Technician Supervisor	1.00
ELE701152001	Electric Line General Foreperson	1.00
ELE702286004	Electric Line Troubleshooter	1.00

ELE702286003	Electric Line Troubleshooter	1.00
ELE702286002	Electric Line Troubleshooter	1.00
ELE702286001	Electric Line Troubleshooter	1.00
ELE702212004	Electric Materials Technician I/II	1.00
ELE702212003	Electric Materials Technician I/II	1.00
ELE702212002	Electric Materials Technician I/II	1.00
ELE702212001	Electric Materials Technician I/II	1.00
ELE702338001	Electric Operations Manager	1.00
ELE701130001	Electric Operations Safety Technician	1.00
ELE702339002	Electric Operations Supervisor	1.00
ELE702339001	Electric Operations Supervisor	1.00
ELE702254001	Electric Preventive Data System Technician	1.00
ELE702316005	Electric Resources Planner I/II	1.00
ELE702316003	Electric Resources Planner I/II	1.00
ELE702316002	Electric Resources Planner I/II	1.00
ELE702316001	Electric Resources Planner I/II	1.00
ELE702216001	Electric Risk and Compliance Supervisor	1.00
ELE702319001	Electric Substation Supervisor	1.00
ELE702350003	Electric System Dispatcher	1.00
ELE702350002	Electric System Dispatcher	1.00
ELE702350001	Electric System Dispatcher	1.00
ELE702359003	Electric Technology System Technician	1.00
ELE702359002	Electric Technology System Technician	1.00
ELE702359001	Electric Technology System Technician	1.00
ELE709560001	Electric Technology Systems Administrator	1.00
ELE701116001	Electric Utility Chief Operating Officer	1.00
ELE702320001	Electric Utility Director	1.00
ELE702215001	Electric Utility Financial Administrator	1.00
ELE709250003	Electric Utility Inspection Technician	1.00
ELE709250002	Electric Utility Inspection Technician	1.00
ELE709250001	Electric Utility Inspection Technician	1.00
ELE702285015	Electric/Apprentice Line Technician	1.00
ELE702285014	Electric/Apprentice Line Technician	1.00
ELE702285013	Electric/Apprentice Line Technician	1.00
ELE702285012	Electric/Apprentice Line Technician	1.00
ELE702285011	Electric/Apprentice Line Technician	1.00
ELE702285010	Electric/Apprentice Line Technician	1.00
ELE702285009	Electric/Apprentice Line Technician	1.00
ELE702285008	Electric/Apprentice Line Technician	1.00
ELE702285007	Electric/Apprentice Line Technician	1.00
ELE702285006	Electric/Apprentice Line Technician	1.00
ELE702285005	Electric/Apprentice Line Technician	1.00
ELE702285004	Electric/Apprentice Line Technician	1.00
ELE702285003	Electric/Apprentice Line Technician	1.00
ELE701085005	Electric/Apprentice Metering System Technician	1.00
ELE701085004	Electric/Apprentice Metering System Technician	1.00
ELE701085003	Electric/Apprentice Metering System Technician	1.00

ELE701085002	Electric/Apprentice Metering System Technician	1.00
ELE701085001	Electric/Apprentice Metering System Technician	1.00
ELE701083012	Electric/Apprentice Substation Technician	1.00
ELE701083011	Electric/Apprentice Substation Technician	1.00
ELE701083010	Electric/Apprentice Substation Technician	1.00
ELE701083009	Electric/Apprentice Substation Technician	1.00
ELE701083008	Electric/Apprentice Substation Technician	1.00
ELE701083007	Electric/Apprentice Substation Technician	1.00
ELE701083006	Electric/Apprentice Substation Technician	1.00
ELE701083005	Electric/Apprentice Substation Technician	1.00
ELE701083004	Electric/Apprentice Substation Technician	1.00
ELE701083003	Electric/Apprentice Substation Technician	1.00
ELE701083002	Electric/Apprentice Substation Technician	1.00
ELE701083001	Electric/Apprentice Substation Technician	1.00
ELE702466003	Energy Program Technician	1.00
ELE702466002	Energy Program Technician	1.00
ELE702501003	Energy Services Account Representative I/II	1.00
ELE702501002	Energy Services Account Representative I/II	1.00
ELE702501001	Energy Services Account Representative I/II	1.00
ELE701082001	Generation Maintenance Scheduler-Coordinator	1.00
ELE701648001	Government Relations Representative I/II	1.00
ELE703608003	Instrument and Control Technician	1.00
ELE703608002	Instrument and Control Technician	1.00
ELE703608001	Instrument and Control Technician	1.00
ELE704517002	Marketing and Communication Analyst I/II	1.00
ELE704517001	Marketing and Communication Analyst I/II	1.00
ELE704540002	Meter Reader	1.00
ELE704540001	Meter Reader	1.00
ELE704957004	Office Assistant I/II	1.00
ELE704957003	Office Assistant I/II	1.00
ELE704957002	Office Assistant I/II	1.00
ELE704957001	Office Assistant I/II	1.00
ELE705596004	Power Engineer I/II	1.00
ELE705596003	Power Engineer I/II	1.00
ELE705596001	Power Engineer I/II	1.00
ELE705600001	Power Generation Superintendent	1.00
ELE705591002	Power Plant Engineer I/II	1.00
ELE705591001	Power Plant Engineer I/II	1.00
ELE705526003	Power Plant Mechanic	1.00
ELE705526002	Power Plant Mechanic	1.00
ELE705526001	Power Plant Mechanic	1.00
ELE705530002	Power Plant Operations and Maintenance Supervisor	1.00
ELE705530001	Power Plant Operations and Maintenance Supervisor	1.00
ELE705523009	Power Plant Operator Technician I/II	1.00
ELE705523008	Power Plant Operator Technician I/II	1.00
ELE705523007	Power Plant Operator Technician I/II	1.00
ELE705523006	Power Plant Operator Technician I/II	1.00

ELE705523005	Power Plant Operator Technician I/II	1.00
ELE705523004	Power Plant Operator Technician I/II	1.00
ELE705523003	Power Plant Operator Technician I/II	1.00
ELE705523002	Power Plant Operator Technician I/II	1.00
ELE705523001	Power Plant Operator Technician I/II	1.00
ELE705535001	Power Supply and Portfolio Administrator	1.00
ELE701114001	Principal Power Engineer	1.00
ELE707128004	Senior Electric Business Analyst	1.00
ELE707128003	Senior Electric Business Analyst	1.00
ELE707128002	Senior Electric Business Analyst	1.00
ELE707128001	Senior Electric Business Analyst	1.00
ELE707118004	Senior Electric Line Technician	1.00
ELE707118003	Senior Electric Line Technician	1.00
ELE707118001	Senior Electric Line Technician	1.00
ELE701153001	Senior Electric Line Troubleshooter	1.00
ELE707169001	Senior Electric Materials Technician	1.00
ELE701036001	Senior Electric Metering Systems Technician	1.00
ELE707126003	Senior Electric Substation Technician	1.00
ELE707126002	Senior Electric Substation Technician	1.00
ELE707126001	Senior Electric Substation Technician	1.00
ELE707168001	Senior Electric System Dispatcher	1.00
ELE701023001	Senior Electric Technology Systems Analyst	1.00
ELE707163002	Senior Energy Services Account Representative	1.00
ELE707163001	Senior Energy Services Account Representative	1.00
ELE707151002	Senior Power Engineer	1.00
ELE707151001	Senior Power Engineer	1.00
ELE705555001	Senior Power Plant Engineer	1.00
ELE707152004	Senior Power Plant Operator Technician	1.00
ELE707152003	Senior Power Plant Operator Technician	1.00
ELE707152002	Senior Power Plant Operator Technician	1.00
ELE707152001	Senior Power Plant Operator Technician	1.00
ELE701029002	Senior Utility Billing Analyst	1.00
ELE701029001	Senior Utility Billing Analyst	1.00
ELE701103001	Senior Utility Customer Service Field Representative	1.00
ELE701044003	Senior Utility Customer Service Specialist	1.00
ELE701044002	Senior Utility Customer Service Specialist	1.00
ELE701044001	Senior Utility Customer Service Specialist	1.00
ELE703315005	Utility Billing Analyst I/II	1.00
ELE703315004	Utility Billing Analyst I/II	1.00
ELE703315003	Utility Billing Analyst I/II	1.00
ELE703315002	Utility Billing Analyst I/II	1.00
ELE703315001	Utility Billing Analyst I/II	1.00
ELE701041001	Utility Billing and Field Services Supervisor	1.00
ELE701154001	Utility Business Systems Administrator	1.00
ELE701104001	Utility Customer Service Field Rep I/II	1.00
ELE701049015	Utility Customer Service Representative I/II	1.00
ELE701049014	Utility Customer Service Representative I/II	1.00

ELE701049013	Utility Customer Service Representative I/II	1.00
ELE701049012	Utility Customer Service Representative I/II	1.00
ELE701049011	Utility Customer Service Representative I/II	0.75
ELE701049010	Utility Customer Service Representative I/II	0.50
ELE701049009	Utility Customer Service Representative I/II	1.00
ELE701049008	Utility Customer Service Representative I/II	0.50
ELE701049007	Utility Customer Service Representative I/II	1.00
ELE701049006	Utility Customer Service Representative I/II	1.00
ELE701049005	Utility Customer Service Representative I/II	1.00
ELE701049004	Utility Customer Service Representative I/II	1.00
ELE701049001	Utility Customer Service Representative I/II	1.00
ELE701046005	Utility Customer Service Specialist I/II	1.00
ELE701046004	Utility Customer Service Specialist I/II	1.00
ELE701046003	Utility Customer Service Specialist I/II	1.00
ELE701046002	Utility Customer Service Specialist I/II	1.00
ELE701046001	Utility Customer Service Specialist I/II	1.00
ELE701042001	Utility Customer Service Supervisor	1.00

Total for Department:	ELE Electric Department	196.75
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Position Code	Position Title	Allocated FTE
EUD740071001	Administrative Assistant	1.00
EUD740084005	Administrative Technician	1.00
EUD740084004	Administrative Technician	1.00
EUD740084003	Administrative Technician	1.00
EUD740084002	Administrative Technician	1.00
EUD740084001	Administrative Technician	1.00
EUD740411003	Assistant Environmental Utilities Director	1.00
EUD740411001	Assistant Environmental Utilities Director	1.00
EUD741005002	Associate (PE)/Assistant/Junior Engineer	1.00
EUD741005001	Associate (PE)/Assistant/Junior Engineer	1.00
EUD740820003	Associate Engineer	1.00
EUD740820002	Associate Engineer	1.00
EUD740820001	Associate Engineer	1.00
EUD741548003	Data Management Specialist I/II	1.00
EUD741548002	Data Management Specialist I/II	1.00
EUD741548001	Data Management Specialist I/II	1.00
EUD741645001	Department Public Information Officer	1.00
EUD741277001	Engineering Manager	1.00
EUD741350001	Engineering Technician I/II	1.00
EUD742544002	Environmental Compliance Specialist I/II	1.00
EUD742544001	Environmental Compliance Specialist I/II	1.00
EUD742547005	Environmental Utilities Business Analyst I/II	1.00
EUD742547004	Environmental Utilities Business Analyst I/II	1.00
EUD742547003	Environmental Utilities Business Analyst I/II	1.00
EUD742547002	Environmental Utilities Business Analyst I/II	1.00
EUD742547001	Environmental Utilities Business Analyst I/II	1.00

EUD742548002	Environmental Utilities Business Services Manager	1.00
EUD742541004	Environmental Utilities Compliance Administrator	1.00
EUD742541003	Environmental Utilities Compliance Administrator	1.00
EUD742541002	Environmental Utilities Compliance Administrator	1.00
EUD742541001	Environmental Utilities Compliance Administrator	1.00
EUD741684001	Environmental Utilities Director	1.00
EUD741038006	Environmental Utilities Instrument and Control Technician I/II	1.00
EUD741038005	Environmental Utilities Instrument and Control Technician I/II	1.00
EUD741038004	Environmental Utilities Instrument and Control Technician I/II	1.00
EUD741038003	Environmental Utilities Instrument and Control Technician I/II	1.00
EUD741038002	Environmental Utilities Instrument and Control Technician I/II	1.00
EUD741024001	Environmental Utilities Maintenance Superintendent	1.00
EUD741147001	Environmental Utilities Operations Superintendent	1.00
EUD749550001	ERP Business Analyst I/II	1.00
EUD743412003	GIS Analyst I/II	1.00
EUD743412002	GIS Analyst I/II	1.00
EUD743412001	GIS Analyst I/II	1.00
EUD741648001	Government Relations Representative I/II	1.00
EUD741136001	Industrial Waste Analyst	1.00
EUD743610002	Industrial Waste Technician	1.00
EUD743732002	Interpretive Services Specialist I/II	1.00
EUD743732001	Interpretive Services Specialist I/II	1.00
EUD741135004	Laboratory Analyst I/II	1.00
EUD741135003	Laboratory Analyst I/II	1.00
EUD741135002	Laboratory Analyst I/II	1.00
EUD741135001	Laboratory Analyst I/II	1.00
EUD740050002	Management Analyst I/II	1.00
EUD740050001	Management Analyst I/II	1.00
EUD744517003	Marketing and Communication Analyst I/II	1.00
EUD744517002	Marketing and Communication Analyst I/II	1.00
EUD744520002	Materials Technician	1.00
EUD744520001	Materials Technician	1.00
EUD744957012	Office Assistant I/II	1.00
EUD744957011	Office Assistant I/II	1.00
EUD744957010	Office Assistant I/II	1.00
EUD744957009	Office Assistant I/II	1.00
EUD744957008	Office Assistant I/II	1.00
EUD744957006	Office Assistant I/II	1.00
EUD744957005	Office Assistant I/II	1.00
EUD744957004	Office Assistant I/II	1.00
EUD744957003	Office Assistant I/II	1.00
EUD744957002	Office Assistant I/II	1.00
EUD741028001	Organics Truck Driver	1.00
EUD745319003	Plant and Equipment Maintenance Worker I/II	1.00

EUD745319002	Plant and Equipment Maintenance Worker I/II	1.00
EUD745319001	Plant and Equipment Maintenance Worker I/II	1.00
EUD745328006	Plant and Equipment Mechanic I/II	1.00
EUD745328005	Plant and Equipment Mechanic I/II	1.00
EUD745328004	Plant and Equipment Mechanic I/II	1.00
EUD745328003	Plant and Equipment Mechanic I/II	1.00
EUD745328002	Plant and Equipment Mechanic I/II	1.00
EUD745328001	Plant and Equipment Mechanic I/II	1.00
EUD745402001	Predictive Maintenance Technician I/II	1.00
EUD745533002	Preventative Maintenance Coordinator	1.00
EUD745533001	Preventative Maintenance Coordinator	1.00
EUD745519003	Preventative Maintenance Supervisor	1.00
EUD745519002	Preventative Maintenance Supervisor	1.00
EUD745519001	Preventative Maintenance Supervisor	1.00
EUD745502005	Preventative Maintenance Technician I/II	1.00
EUD745502004	Preventative Maintenance Technician I/II	1.00
EUD745502003	Preventative Maintenance Technician I/II	1.00
EUD745502002	Preventative Maintenance Technician I/II	1.00
EUD745502001	Preventative Maintenance Technician I/II	1.00
EUD745514002	Principal Engineer	1.00
EUD745514001	Principal Engineer	1.00
EUD741004001	Process Engineer	1.00
EUD746150001	Recycling and Organics Coordinator	1.00
EUD746244001	Refuse and Stormwater Manager	1.00
EUD746226005	Refuse Maintenance Worker I/II	1.00
EUD746226004	Refuse Maintenance Worker I/II	1.00
EUD746226003	Refuse Maintenance Worker I/II	1.00
EUD746226002	Refuse Maintenance Worker I/II	1.00
EUD746226001	Refuse Maintenance Worker I/II	1.00
EUD746231001	Refuse Superintendent	1.00
EUD746235004	Refuse Supervisor	1.00
EUD746235003	Refuse Supervisor	1.00
EUD746235002	Refuse Supervisor	1.00
EUD746235001	Refuse Supervisor	1.00
EUD746304042	Refuse Truck Driver I/II	1.00
EUD746304040	Refuse Truck Driver I/II	1.00
EUD746304039	Refuse Truck Driver I/II	1.00
EUD746304036	Refuse Truck Driver I/II	1.00
EUD746304035	Refuse Truck Driver I/II	1.00
EUD746304034	Refuse Truck Driver I/II	1.00
EUD746304031	Refuse Truck Driver I/II	1.00
EUD746304030	Refuse Truck Driver I/II	1.00
EUD746304028	Refuse Truck Driver I/II	1.00
EUD746304027	Refuse Truck Driver I/II	1.00
EUD746304026	Refuse Truck Driver I/II	1.00
EUD746304025	Refuse Truck Driver I/II	1.00
EUD746304024	Refuse Truck Driver I/II	1.00

EUD746304023	Refuse Truck Driver I/II	1.00
EUD746304022	Refuse Truck Driver I/II	1.00
EUD746304021	Refuse Truck Driver I/II	1.00
EUD746304020	Refuse Truck Driver I/II	1.00
EUD746304019	Refuse Truck Driver I/II	1.00
EUD746304018	Refuse Truck Driver I/II	1.00
EUD746304017	Refuse Truck Driver I/II	1.00
EUD746304016	Refuse Truck Driver I/II	1.00
EUD746304015	Refuse Truck Driver I/II	1.00
EUD746304014	Refuse Truck Driver I/II	1.00
EUD746304013	Refuse Truck Driver I/II	1.00
EUD746304012	Refuse Truck Driver I/II	1.00
EUD746304011	Refuse Truck Driver I/II	1.00
EUD746304010	Refuse Truck Driver I/II	1.00
EUD746304009	Refuse Truck Driver I/II	1.00
EUD746304008	Refuse Truck Driver I/II	1.00
EUD746304007	Refuse Truck Driver I/II	1.00
EUD746304006	Refuse Truck Driver I/II	1.00
EUD746304005	Refuse Truck Driver I/II	1.00
EUD746304004	Refuse Truck Driver I/II	1.00
EUD746304003	Refuse Truck Driver I/II	1.00
EUD746304002	Refuse Truck Driver I/II	1.00
EUD746304001	Refuse Truck Driver I/II	1.00
EUD746500002	Safety Coordinator	1.00
EUD746500001	Safety Coordinator	1.00
EUD747020002	SCADA System Technician	1.00
EUD747020001	SCADA System Technician	1.00
EUD747142005	Senior Engineer	1.00
EUD747142004	Senior Engineer	1.00
EUD747142003	Senior Engineer	1.00
EUD747142002	Senior Engineer	1.00
EUD747142001	Senior Engineer	1.00
EUD747162001	Senior Engineering Technician	1.00
EUD741065001	Senior Environmental Utilities Business Analyst	1.00
EUD741123001	Senior Environmental Utilities Instrument & Control Technician	1.00
EUD747161001	Senior GIS Analyst	1.00
EUD743733001	Senior Interpretive Services Specialist	1.00
EUD741133002	Senior Laboratory Analyst	1.00
EUD741133001	Senior Laboratory Analyst	1.00
EUD747284003	Senior Preventative Maintenance Technician	1.00
EUD747284002	Senior Preventative Maintenance Technician	1.00
EUD747284001	Senior Preventative Maintenance Technician	1.00
EUD747129007	Senior Refuse Truck Driver	1.00
EUD747129006	Senior Refuse Truck Driver	1.00
EUD747129005	Senior Refuse Truck Driver	1.00
EUD747129004	Senior Refuse Truck Driver	1.00

EUD747129003	Senior Refuse Truck Driver	1.00
EUD747129002	Senior Refuse Truck Driver	1.00
EUD747129001	Senior Refuse Truck Driver	1.00
EUD749559001	Senior SCADA System Technician	1.00
EUD741279001	Senior Solid Waste Billing Technician	1.00
EUD747202006	Senior Wastewater Utility Maintenance Worker	1.00
EUD747202004	Senior Wastewater Utility Maintenance Worker	1.00
EUD747202003	Senior Wastewater Utility Maintenance Worker	1.00
EUD747202002	Senior Wastewater Utility Maintenance Worker	1.00
EUD747202001	Senior Wastewater Utility Maintenance Worker	1.00
EUD747202005	Senior Wastewater Utility Maintenance Worker	1.00
EUD747204008	Senior Water Distribution Worker	1.00
EUD747204007	Senior Water Distribution Worker	1.00
EUD747204006	Senior Water Distribution Worker	1.00
EUD747204005	Senior Water Distribution Worker	1.00
EUD747204004	Senior Water Distribution Worker	1.00
EUD747204003	Senior Water Distribution Worker	1.00
EUD747204002	Senior Water Distribution Worker	1.00
EUD747204001	Senior Water Distribution Worker	1.00
EUD747324001	Solid Waste Billing Technician	1.00
EUD741102001	Utility Exploration Center Supervisor	1.00
EUD741646001	Utility Government Relations Administrator	1.00
EUD741099002	Waste Services Clerk I/II	1.00
EUD741099001	Waste Services Clerk I/II	1.00
EUD741128001	Waste Services Field Enforcement Inspector	1.00
EUD748980001	Wastewater Collection Superintendent	1.00
EUD748978003	Wastewater Collection Supervisor	1.00
EUD748978002	Wastewater Collection Supervisor	1.00
EUD748978001	Wastewater Collection Supervisor	1.00
EUD749040001	Wastewater Treatment Plant Chief Operator	1.00
EUD749025009	Wastewater Treatment Plant Operator Grade I/II/III 8Hr	1.00
EUD749025006	Wastewater Treatment Plant Operator Grade I/II/III 8Hr	1.00
EUD749025005	Wastewater Treatment Plant Operator Grade I/II/III 8Hr	1.00
EUD749025004	Wastewater Treatment Plant Operator Grade I/II/III 8Hr	1.00
EUD749025003	Wastewater Treatment Plant Operator Grade I/II/III 8Hr	1.00
EUD749025002	Wastewater Treatment Plant Operator Grade I/II/III 8Hr	1.00
EUD749025001	Wastewater Treatment Plant Operator Grade I/II/III 8Hr	1.00
EUD749025010	Wastewater Treatment Plant Operator Grade III 24Hr	1.00
EUD749025007	Wastewater Treatment Plant Operator Grade III 24Hr	1.00
EUD749020004	Wastewater Treatment Plant Operator Grade III 24Hr	1.00
EUD749020003	Wastewater Treatment Plant Operator Grade III 24Hr	1.00
EUD749020002	Wastewater Treatment Plant Operator Grade III 24Hr	1.00
EUD749020001	Wastewater Treatment Plant Operator Grade III 24Hr	1.00
EUD749030002	Wastewater Treatment Plant Operator Grade IV	1.00
EUD749030001	Wastewater Treatment Plant Operator Grade IV	1.00
EUD749029027	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029026	Wastewater Utility Maintenance Worker I/II	1.00

EUD749029025	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029024	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029022	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029021	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029020	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029019	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029018	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029017	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029016	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029015	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029014	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029013	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029012	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029011	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029010	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029009	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029008	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029007	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029006	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029005	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029004	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029003	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029002	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029001	Wastewater Utility Maintenance Worker I/II	1.00
EUD749029023	Wastewater Utility Maintenance Worker I/II	1.00
EUD749045001	Wastewater Utility Manager	1.00
EUD749047001	Water Conservation Administrator	1.00
EUD749078001	Water Conservation Specialist	1.00
EUD749051005	Water Conservation Worker I/II	1.00
EUD749051004	Water Conservation Worker I/II	1.00
EUD749051003	Water Conservation Worker I/II	1.00
EUD749051002	Water Conservation Worker I/II	1.00
EUD749051001	Water Conservation Worker I/II	1.00
EUD749085001	Water Distribution Superintendent	1.00
EUD749084004	Water Distribution Supervisor	1.00
EUD749084003	Water Distribution Supervisor	1.00
EUD749084002	Water Distribution Supervisor	1.00
EUD749084001	Water Distribution Supervisor	1.00
EUD749248027	Water Distribution Worker I/II	1.00
EUD749248026	Water Distribution Worker I/II	1.00
EUD749248025	Water Distribution Worker I/II	1.00
EUD749248024	Water Distribution Worker I/II	1.00
EUD749248023	Water Distribution Worker I/II	1.00
EUD749248022	Water Distribution Worker I/II	1.00
EUD749248021	Water Distribution Worker I/II	1.00
EUD749248020	Water Distribution Worker I/II	1.00
EUD749248019	Water Distribution Worker I/II	1.00

EUD749248018	Water Distribution Worker I/II	1.00
EUD749248017	Water Distribution Worker I/II	1.00
EUD749248016	Water Distribution Worker I/II	1.00
EUD749248015	Water Distribution Worker I/II	1.00
EUD749248014	Water Distribution Worker I/II	1.00
EUD749248013	Water Distribution Worker I/II	1.00
EUD749248012	Water Distribution Worker I/II	1.00
EUD749248011	Water Distribution Worker I/II	1.00
EUD749248010	Water Distribution Worker I/II	1.00
EUD749248009	Water Distribution Worker I/II	1.00
EUD749248008	Water Distribution Worker I/II	1.00
EUD749248007	Water Distribution Worker I/II	1.00
EUD749248006	Water Distribution Worker I/II	1.00
EUD749248005	Water Distribution Worker I/II	1.00
EUD749248004	Water Distribution Worker I/II	1.00
EUD749248003	Water Distribution Worker I/II	1.00
EUD749248002	Water Distribution Worker I/II	1.00
EUD749248001	Water Distribution Worker I/II	1.00
EUD749101001	Water Quality Lab Supervisor	1.00
EUD749101002	Water Quality Lab Supervisor	1.00
EUD741053001	Water Quality Technician	1.00
EUD749175001	Water Treatment Plant Chief Operator	1.00
EUD749230006	Water Treatment Plant Operator Grade I/II/III 24Hr	1.00
EUD749230005	Water Treatment Plant Operator Grade I/II/III 24Hr	1.00
EUD749230004	Water Treatment Plant Operator Grade I/II/III 24Hr	1.00
EUD749230003	Water Treatment Plant Operator Grade I/II/III 24Hr	1.00
EUD749230002	Water Treatment Plant Operator Grade I/II/III 24Hr	1.00
EUD749230001	Water Treatment Plant Operator Grade I/II/III 24Hr	1.00
EUD749244001	Water Utility Manager	1.00

Total for Department:	EUD Environmental Utilities Department	286.00
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Position Code	Position Title	Allocated FTE
FIN240040003	Accountant I/II	1.00
FIN240040002	Accountant I/II	1.00
FIN240040001	Accountant I/II	1.00
FIN241370001	Accounting Manager	1.00
FIN240043001	Accounting Supervisor	1.00
FIN249427001	Accounts Payable Supervisor	1.00
FIN240071001	Administrative Assistant	1.00
FIN240084002	Administrative Technician	1.00
FIN240084001	Administrative Technician	1.00
FIN241021001	Assistant City Manager/Chief Financial Officer	1.00
FIN241026001	Assistant Finance Director	1.00
FIN240915004	Budget Analyst I/II	1.00
FIN240915003	Budget Analyst I/II	1.00
FIN240915002	Budget Analyst I/II	1.00

FIN240915001	Budget Analyst I/II	1.00
FIN240930001	Budget Manager	1.00
FIN241060004	Buyer I/II	1.00
FIN241060003	Buyer I/II	1.00
FIN241060002	Buyer I/II	1.00
FIN241060001	Buyer I/II	1.00
FIN249550004	ERP Business Analyst I/II	1.00
FIN249550003	ERP Business Analyst I/II	1.00
FIN249550002	ERP Business Analyst I/II	1.00
FIN249550001	ERP Business Analyst I/II	1.00
FIN246520001	ERP Program Manager	1.00
FIN241155001	Finance Director	1.00
FIN242900001	Finance Manager	1.00
FIN243326007	Finance Technician I/II	1.00
FIN243326006	Finance Technician I/II	1.00
FIN243326005	Finance Technician I/II	1.00
FIN243326004	Finance Technician I/II	1.00
FIN243326003	Finance Technician I/II	1.00
FIN243326002	Finance Technician I/II	1.00
FIN243326001	Finance Technician I/II	1.00
FIN247203001	Inventory Control and Supply Technician	1.00
FIN248952002	Inventory Control and Supply Worker I/II	1.00
FIN248952001	Inventory Control and Supply Worker I/II	1.00
FIN240050002	Management Analyst I/II	1.00
FIN240050001	Management Analyst I/II	1.00
FIN241124002	Payroll Analyst I/II	1.00
FIN241124001	Payroll Analyst I/II	1.00
FIN249428001	Payroll Supervisor	1.00
FIN245101004	Payroll Technician I/II	0.60
FIN245101003	Payroll Technician I/II	1.00
FIN245101002	Payroll Technician I/II	1.00
FIN245101001	Payroll Technician I/II	1.00
FIN245652001	Purchasing and Warehouse Manager	1.00
FIN241129004	Purchasing Supervisor	1.00
FIN241051003	Senior Accountant	1.00
FIN241051002	Senior Accountant	1.00
FIN241051001	Senior Accountant	1.00
FIN247139001	Senior Buyer	1.00
FIN247147001	Senior Finance Technician	1.00
FIN247141001	Senior Payroll Technician	1.00

Total for Department:	FIN Finance Department	53.60
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Position Code	Position Title	Allocated FTE
FIR480071001	Administrative Assistant	1.00
FIR480084001	Administrative Technician	1.00
FIR480480001	Assistant Fire Chief	1.00

FIR481645001	Department Public Information Officer	1.00
FIR482415001	EMS Quality Assurance Coordinator	1.00
FIR481022001	Fire and Environmental Inspection Supervisor	1.00
FIR483377005	Fire and Environmental Safety Inspector I/II	1.00
FIR483377004	Fire and Environmental Safety Inspector I/II	1.00
FIR483377003	Fire and Environmental Safety Inspector I/II	1.00
FIR483377002	Fire and Environmental Safety Inspector I/II	1.00
FIR483377001	Fire and Environmental Safety Inspector I/II	1.00
FIR480905007	Fire Battalion Chief	1.00
FIR480905006	Fire Battalion Chief	1.00
FIR480905004	Fire Battalion Chief	1.00
FIR480905003	Fire Battalion Chief	1.00
FIR480905002	Fire Battalion Chief	1.00
FIR480905001	Fire Battalion Chief	1.00
FIR480905005	Fire Battalion Chief	1.00
FIR483320034	Fire Captain	1.00
FIR483320033	Fire Captain	1.00
FIR483320032	Fire Captain	1.00
FIR483320030	Fire Captain	1.00
FIR483320029	Fire Captain	1.00
FIR483320028	Fire Captain	1.00
FIR483320027	Fire Captain	1.00
FIR483320026	Fire Captain	1.00
FIR483320025	Fire Captain	1.00
FIR483320024	Fire Captain	1.00
FIR483320023	Fire Captain	1.00
FIR483320022	Fire Captain	1.00
FIR483320021	Fire Captain	1.00
FIR483320020	Fire Captain	1.00
FIR483320019	Fire Captain	1.00
FIR483320018	Fire Captain	1.00
FIR483320017	Fire Captain	1.00
FIR483320016	Fire Captain	1.00
FIR483320015	Fire Captain	1.00
FIR483320014	Fire Captain	1.00
FIR483320013	Fire Captain	1.00
FIR483320012	Fire Captain	1.00
FIR483320011	Fire Captain	1.00
FIR483320010	Fire Captain	1.00
FIR483320009	Fire Captain	1.00
FIR483320008	Fire Captain	1.00
FIR483320007	Fire Captain	1.00
FIR483320006	Fire Captain	1.00
FIR483320005	Fire Captain	1.00
FIR483320004	Fire Captain	1.00
FIR483320003	Fire Captain	1.00
FIR483320002	Fire Captain	1.00

FIR483320001	Fire Captain	1.00
FIR483320031	Fire Captain (8 Hr)	1.00
FIR483330001	Fire Chief	1.00
FIR483332002	Fire Division Chief	1.00
FIR483332001	Fire Division Chief	1.00
FIR483340033	Fire Engineer	1.00
FIR483340032	Fire Engineer	1.00
FIR483340031	Fire Engineer	1.00
FIR483340030	Fire Engineer	1.00
FIR483340029	Fire Engineer	1.00
FIR483340028	Fire Engineer	1.00
FIR483340027	Fire Engineer	1.00
FIR483340026	Fire Engineer	1.00
FIR483340025	Fire Engineer	1.00
FIR483340024	Fire Engineer	1.00
FIR483340023	Fire Engineer	1.00
FIR483340022	Fire Engineer	1.00
FIR483340021	Fire Engineer	1.00
FIR483340020	Fire Engineer	1.00
FIR483340019	Fire Engineer	1.00
FIR483340018	Fire Engineer	1.00
FIR483340017	Fire Engineer	1.00
FIR483340016	Fire Engineer	1.00
FIR483340015	Fire Engineer	1.00
FIR483340014	Fire Engineer	1.00
FIR483340013	Fire Engineer	1.00
FIR483340012	Fire Engineer	1.00
FIR483340011	Fire Engineer	1.00
FIR483340010	Fire Engineer	1.00
FIR483340009	Fire Engineer	1.00
FIR483340008	Fire Engineer	1.00
FIR483340007	Fire Engineer	1.00
FIR483340006	Fire Engineer	1.00
FIR483340005	Fire Engineer	1.00
FIR483340004	Fire Engineer	1.00
FIR483340003	Fire Engineer	1.00
FIR483340002	Fire Engineer	1.00
FIR483340001	Fire Engineer	1.00
FIR483355039	Firefighter Paramedic I/II	1.00
FIR483355038	Firefighter Paramedic I/II	1.00
FIR483355037	Firefighter Paramedic I/II	1.00
FIR483355036	Firefighter Paramedic I/II	1.00
FIR483355035	Firefighter Paramedic I/II	1.00
FIR483355034	Firefighter Paramedic I/II	1.00
FIR483355033	Firefighter Paramedic I/II	1.00
FIR483355032	Firefighter Paramedic I/II	1.00
FIR483355031	Firefighter Paramedic I/II	1.00

FIR483355030	Firefighter Paramedic I/II	1.00
FIR483355029	Firefighter Paramedic I/II	1.00
FIR483355028	Firefighter Paramedic I/II	1.00
FIR483355027	Firefighter Paramedic I/II	1.00
FIR483355026	Firefighter Paramedic I/II	1.00
FIR483355025	Firefighter Paramedic I/II	1.00
FIR483355024	Firefighter Paramedic I/II	1.00
FIR483355023	Firefighter Paramedic I/II	1.00
FIR483355022	Firefighter Paramedic I/II	1.00
FIR483355021	Firefighter Paramedic I/II	1.00
FIR483355020	Firefighter Paramedic I/II	1.00
FIR483355019	Firefighter Paramedic I/II	1.00
FIR483355018	Firefighter Paramedic I/II	1.00
FIR483355017	Firefighter Paramedic I/II	1.00
FIR483355016	Firefighter Paramedic I/II	1.00
FIR483355015	Firefighter Paramedic I/II	1.00
FIR483355014	Firefighter Paramedic I/II	1.00
FIR483355013	Firefighter Paramedic I/II	1.00
FIR483355012	Firefighter Paramedic I/II	1.00
FIR483355011	Firefighter Paramedic I/II	1.00
FIR483355010	Firefighter Paramedic I/II	1.00
FIR483355009	Firefighter Paramedic I/II	1.00
FIR483355008	Firefighter Paramedic I/II	1.00
FIR483355007	Firefighter Paramedic I/II	1.00
FIR483355006	Firefighter Paramedic I/II	1.00
FIR483355005	Firefighter Paramedic I/II	1.00
FIR483355004	Firefighter Paramedic I/II	1.00
FIR483355003	Firefighter Paramedic I/II	1.00
FIR483355002	Firefighter Paramedic I/II	1.00
FIR483355001	Firefighter Paramedic I/II	1.00
FIR483412001	GIS Analyst I/II	1.00
FIR480050001	Management Analyst I/II	1.00
FIR484957001	Office Assistant I/II	1.00

Total for Department:	FIR Fire Department	130.00
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Position Code	Position Title	Allocated FTE
HRD280071001	Administrative Assistant	1.00
HRD280484001	Assistant Human Resources Director	1.00
HRD283596005	Human Resources Analyst I/II	1.00
HRD283596004	Human Resources Analyst I/II	1.00
HRD283596003	Human Resources Analyst I/II	1.00
HRD283596002	Human Resources Analyst I/II	1.00
HRD283596001	Human Resources Analyst I/II	1.00
HRD283598001	Human Resources Director	1.00
HRD283599001	Human Resources Manager	1.00
HRD285235008	Human Resources Technician	1.00

HRD285235007	Human Resources Technician	1.00
HRD285235006	Human Resources Technician	1.00
HRD285235005	Human Resources Technician	1.00
HRD285235004	Human Resources Technician	1.00
HRD285235003	Human Resources Technician	1.00
HRD285235002	Human Resources Technician	1.00
HRD285235001	Human Resources Technician	1.00
HRD286450001	Risk Manager	1.00
HRD287178002	Senior Human Resources Technician	1.00
HRD287178001	Senior Human Resources Technician	1.00

Total for Department:	HRD Human Resources Department	20.00
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Position Code	Position Title	Allocated FTE
ITD320084001	Administrative Technician	1.00
ITD329558002	Assistant Information Technology Director	1.00
ITD329558001	Assistant Information Technology Director	1.00
ITD321362013	Business Systems Analyst I/II	1.00
ITD321362012	Business Systems Analyst I/II	1.00
ITD321362011	Business Systems Analyst I/II	1.00
ITD321362010	Business Systems Analyst I/II	1.00
ITD321362009	Business Systems Analyst I/II	1.00
ITD321362007	Business Systems Analyst I/II	1.00
ITD321362005	Business Systems Analyst I/II	1.00
ITD321362004	Business Systems Analyst I/II	1.00
ITD321362003	Business Systems Analyst I/II	1.00
ITD321362002	Business Systems Analyst I/II	1.00
ITD321362001	Business Systems Analyst I/II	1.00
ITD321166003	Business Systems Supervisor	1.00
ITD321166002	Business Systems Supervisor	1.00
ITD321166001	Business Systems Supervisor	1.00
ITD321180001	Chief Information Officer	1.00
ITD321552007	Database Analyst I/II	1.00
ITD321552006	Database Analyst I/II	1.00
ITD321552004	Database Analyst I/II	1.00
ITD321552003	Database Analyst I/II	1.00
ITD321552002	Database Analyst I/II	1.00
ITD321552001	Database Analyst I/II	1.00
ITD321167001	Database Supervisor	1.00
ITD323625001	Information Security Administrator	1.00
ITD321168001	Information Technology Supervisor	1.00
ITD32794013	Information Technology Analyst I/II	1.00
ITD323794012	Information Technology Analyst I/II	1.00
ITD323794010	Information Technology Analyst I/II	1.00
ITD323794009	Information Technology Analyst I/II	1.00
ITD323794007	Information Technology Analyst I/II	1.00
ITD323794006	Information Technology Analyst I/II	1.00

ITD323794002	Information Technology Analyst I/II	1.00
ITD323794001	Information Technology Analyst I/II	1.00
ITD329542001	Information Technology Client Services Supervisor	1.00
ITD323602005	Information Technology Program Manager	1.00
ITD323602004	Information Technology Program Manager	1.00
ITD323602003	Information Technology Program Manager	1.00
ITD323602002	Information Technology Program Manager	1.00
ITD323602001	Information Technology Program Manager	1.00
ITD323618004	Information Technology Technician I/II	1.00
ITD323618003	Information Technology Technician I/II	1.00
ITD323618001	Information Technology Technician I/II	1.00
ITD320050001	Management Analyst I/II	1.00
ITD321089003	Security Analyst I/II	1.00
ITD321089002	Security Analyst I/II	1.00
ITD321090001	Security Architect	1.00
ITD327149003	Senior Information Technology Technician	1.00
ITD327149001	Senior Information Technology Technician	1.00
ITD321091008	Systems Architect	1.00
ITD321091007	Systems Architect	1.00
ITD321091006	Systems Architect	1.00
ITD321091005	Systems Architect	1.00
ITD321091004	Systems Architect	1.00
ITD321091003	Systems Architect	1.00
ITD321091002	Systems Architect	1.00
ITD321091001	Systems Architect	1.00

Total for Department:	ITD Information Technology Department	58.00
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Position Code	Position Title	Allocated FTE
PAC181645002	Department Public Information Officer	1.00
PAC181645001	Department Public Information Officer	1.00
PAC181659001	Deputy City Manager	1.00
PAC181109001	Digital Content Analyst	1.00
CMO143451001	Government Relations Administrator	1.00
PAC184517002	Marketing and Communication Analyst I/II	1.00
PAC184517001	Marketing and Communication Analyst I/II	1.00
PAC181156001	Organizational Performance Program Administrator	1.00
PAC181108001	Public Affairs and Communication Manager	1.00
PAC188426001	Video and Multimedia Technician	1.00

Total for Department:	PAC Public Affairs and Communications	10.00
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Position Code	Position Title	Allocated FTE
POL440071001	Administrative Assistant	1.00
POL440100003	Animal Control Officer	1.00
POL440100002	Animal Control Officer	1.00
POL440100001	Animal Control Officer	1.00

POL440110001	Animal Control Supervisor	1.00
POL441430004	Communications Supervisor	1.00
POL441430003	Communications Supervisor	1.00
POL441430002	Communications Supervisor	1.00
POL441430001	Communications Supervisor	1.00
POL441380011	Community Services Officer I/II	1.00
POL441380010	Community Services Officer I/II	1.00
POL441380009	Community Services Officer I/II	1.00
POL441380008	Community Services Officer I/II	1.00
POL441380007	Community Services Officer I/II	1.00
POL441380006	Community Services Officer I/II	1.00
POL441380005	Community Services Officer I/II	1.00
POL441380004	Community Services Officer I/II	1.00
POL441380003	Community Services Officer I/II	1.00
POL441380002	Community Services Officer I/II	1.00
POL441380001	Community Services Officer I/II	1.00
POL441146001	Crime Analysis Supervisor	1.00
POL441475002	Crime Analyst	1.00
POL441700021	Dispatcher I/II	1.00
POL441700020	Dispatcher I/II	1.00
POL441700019	Dispatcher I/II	1.00
POL441700018	Dispatcher I/II	1.00
POL441700017	Dispatcher I/II	1.00
POL441700016	Dispatcher I/II	1.00
POL441700015	Dispatcher I/II	1.00
POL441700014	Dispatcher I/II	1.00
POL441700013	Dispatcher I/II	1.00
POL441700012	Dispatcher I/II	1.00
POL441700011	Dispatcher I/II	1.00
POL441700010	Dispatcher I/II	1.00
POL441700009	Dispatcher I/II	1.00
POL441700008	Dispatcher I/II	1.00
POL441700007	Dispatcher I/II	1.00
POL441700006	Dispatcher I/II	1.00
POL441700005	Dispatcher I/II	1.00
POL441700004	Dispatcher I/II	1.00
POL441700003	Dispatcher I/II	1.00
POL441700002	Dispatcher I/II	1.00
POL441700001	Dispatcher I/II	1.00
POL440050001	Management Analyst I/II	1.00
POL445400003	Police Captain	1.00
POL445400002	Police Captain	1.00
POL445400001	Police Captain	1.00
POL445410001	Police Chief	1.00
POL441163001	Police Community Outreach Specialist	1.00
POL445420008	Police Lieutenant	1.00
POL445420007	Police Lieutenant	1.00

[illegible]

POL445430039	Police Officer/Police Trainee	1.00
POL445430038	Police Officer/Police Trainee	1.00
POL445430037	Police Officer/Police Trainee	1.00
POL445430036	Police Officer/Police Trainee	1.00
POL445430035	Police Officer/Police Trainee	1.00
POL445430034	Police Officer/Police Trainee	1.00
POL445430033	Police Officer/Police Trainee	1.00
POL445430032	Police Officer/Police Trainee	1.00
POL445430031	Police Officer/Police Trainee	1.00
POL445430030	Police Officer/Police Trainee	1.00
POL445430029	Police Officer/Police Trainee	1.00
POL445430028	Police Officer/Police Trainee	1.00
POL445430027	Police Officer/Police Trainee	1.00
POL445430026	Police Officer/Police Trainee	1.00
POL445430025	Police Officer/Police Trainee	1.00
POL445430024	Police Officer/Police Trainee	1.00
POL445430023	Police Officer/Police Trainee	1.00
POL445430022	Police Officer/Police Trainee	1.00
POL445430021	Police Officer/Police Trainee	1.00
POL445430020	Police Officer/Police Trainee	1.00
POL445430019	Police Officer/Police Trainee	1.00
POL445430018	Police Officer/Police Trainee	1.00
POL445430017	Police Officer/Police Trainee	1.00
POL445430016	Police Officer/Police Trainee	1.00
POL445430015	Police Officer/Police Trainee	1.00
POL445430014	Police Officer/Police Trainee	1.00
POL445430013	Police Officer/Police Trainee	1.00
POL445430012	Police Officer/Police Trainee	1.00
POL445430011	Police Officer/Police Trainee	1.00
POL445430010	Police Officer/Police Trainee	1.00
POL445430009	Police Officer/Police Trainee	1.00
POL445430008	Police Officer/Police Trainee	1.00
POL445430007	Police Officer/Police Trainee	1.00
POL445430006	Police Officer/Police Trainee	1.00
POL445430005	Police Officer/Police Trainee	1.00
POL445430004	Police Officer/Police Trainee	1.00
POL445430003	Police Officer/Police Trainee	1.00
POL445430002	Police Officer/Police Trainee	1.00
POL445430001	Police Officer/Police Trainee	1.00
POL445429001	Police Property and Evidence Supervisor	1.00
POL441094004	Police Property and Evidence Technician I/II	1.00
POL441094003	Police Property and Evidence Technician I/II	1.00
POL441094002	Police Property and Evidence Technician I/II	1.00
POL441094001	Police Property and Evidence Technician I/II	1.00
POL445440010	Police Records Clerk I/II	1.00
POL445440009	Police Records Clerk I/II	1.00
POL445440008	Police Records Clerk I/II	1.00

POL445440007	Police Records Clerk I/II	1.00
POL445440005	Police Records Clerk I/II	1.00
POL445440004	Police Records Clerk I/II	1.00
POL445440003	Police Records Clerk I/II	1.00
POL445440002	Police Records Clerk I/II	1.00
POL445440001	Police Records Clerk I/II	1.00
POL445494004	Police Scene Technician I/II	1.00
POL445494003	Police Scene Technician I/II	1.00
POL445494002	Police Scene Technician I/II	1.00
POL445494001	Police Scene Technician I/II	1.00
POL445470017	Police Sergeant	1.00
POL445470016	Police Sergeant	1.00
POL445470015	Police Sergeant	1.00
POL445470014	Police Sergeant	1.00
POL445470013	Police Sergeant	1.00
POL445470012	Police Sergeant	1.00
POL445470011	Police Sergeant	1.00
POL445470010	Police Sergeant	1.00
POL445470009	Police Sergeant	1.00
POL445470008	Police Sergeant	1.00
POL445470007	Police Sergeant	1.00
POL445470006	Police Sergeant	1.00
POL445470005	Police Sergeant	1.00
POL445470004	Police Sergeant	1.00
POL445470003	Police Sergeant	1.00
POL445470002	Police Sergeant	1.00
POL445470001	Police Sergeant	1.00
POL445489002	Police Services Administrator	1.00
POL445489001	Police Services Administrator	1.00
POL441139001	Police Social Services Practitioner I/II	1.00
POL441126001	Police Social Services Supervisor	1.00
POL445657001	Public Safety Program Coordinator	1.00
POL445748002	Records Supervisor	1.00
POL445748001	Records Supervisor	1.00
POL441092003	Senior Police Records Clerk	1.00
POL441092002	Senior Police Records Clerk	1.00
POL441092001	Senior Police Records Clerk	1.00

Total for Department:	POL Police Department	229.00
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Position Code	Position Title	Allocated FTE
PRL580071001	Administrative Assistant	1.00
PRL580084008	Administrative Technician	1.00
PRL580084007	Administrative Technician	1.00
PRL580084006	Administrative Technician	1.00
PRL580084005	Administrative Technician	1.00
PRL580084004	Administrative Technician	1.00

PRL580084003	Administrative Technician	1.00
PRL580084002	Administrative Technician	1.00
PRL580084001	Administrative Technician	1.00
PRL588302002	Aquatics Maintenance Technician	1.00
PRL588302001	Aquatics Maintenance Technician	1.00
PRL588300001	Arborist Technician	1.00
PRL581225014	Child Care Site Coordinator	1.00
PRL581225013	Child Care Site Coordinator	1.00
PRL581225012	Child Care Site Coordinator	1.00
PRL581225011	Child Care Site Coordinator	1.00
PRL581225010	Child Care Site Coordinator	1.00
PRL581225009	Child Care Site Coordinator	1.00
PRL581225008	Child Care Site Coordinator	1.00
PRL581225007	Child Care Site Coordinator	1.00
PRL581225006	Child Care Site Coordinator	1.00
PRL581225005	Child Care Site Coordinator	1.00
PRL581225004	Child Care Site Coordinator	1.00
PRL581225003	Child Care Site Coordinator	1.00
PRL581225002	Child Care Site Coordinator	1.00
PRL581225001	Child Care Site Coordinator	1.00
PRL581142001	City Librarian	1.00
PRL583740001	Cultural Arts Supervisor	1.00
PRL581645002	Department Public Information Officer	1.00
PRL581101001	Graphic Designer	1.00
PRL585075002	Irrigation Technician	1.00
PRL584152007	Librarian I/II	0.50
PRL584152005	Librarian I/II	1.00
PRL584152004	Librarian I/II	1.00
PRL584152003	Librarian I/II	1.00
PRL584152002	Librarian I/II	1.00
PRL584152001	Librarian I/II	1.00
PRL584210005	Library Assistant I/II	1.00
PRL584210003	Library Assistant I/II	1.00
PRL584210002	Library Assistant I/II	1.00
PRL584210001	Library Assistant I/II	1.00
PRL589544009	Library Supervisor	1.00
PRL589544005	Library Supervisor	1.00
PRL589544001	Library Supervisor	1.00
PRL584250003	Library Technician	1.00
PRL584250002	Library Technician	1.00
PRL584250001	Library Technician	1.00
PRL580050003	Management Analyst I/II	1.00
PRL580050002	Management Analyst I/II	1.00
PRL580050001	Management Analyst I/II	1.00
PRL584517002	Marketing and Communication Analyst I/II	1.00
PRL584517001	Marketing and Communication Analyst I/II	1.00
PRL581121001	Museum Assistant	1.00

PRL589545001	Natural Resources Specialist I/II	1.00
PRL584872003	Natural Resources Worker I/II	1.00
PRL584872002	Natural Resources Worker I/II	1.00
PRL584872001	Natural Resources Worker I/II	1.00
PRL584872006	Natural Resources Worker I/II	1.00
PRL584872005	Natural Resources Worker I/II	1.00
PRL584872004	Natural Resources Worker I/II	1.00
PRL584957009	Office Assistant I/II	1.00
PRL584957006	Office Assistant I/II	1.00
PRL584957003	Office Assistant I/II	1.00
PRL584957002	Office Assistant I/II	1.00
PRL585022002	Park Development Project Manager I/II	1.00
PRL585022001	Park Development Project Manager I/II	1.00
PRL581106001	Park Planning and Development Manager	1.00
PRL589546003	Parks and Open Space Superintendent	1.00
PRL589546001	Parks and Open Space Superintendent	1.00
PRL585069004	Parks and Open Space Supervisor	1.00
PRL585069003	Parks and Open Space Supervisor	1.00
PRL585069002	Parks and Open Space Supervisor	1.00
PRL585069001	Parks and Open Space Supervisor	1.00
PRL581160003	Parks Contract Compliance Technician	1.00
PRL581160002	Parks Contract Compliance Technician	1.00
PRL581160001	Parks Contract Compliance Technician	1.00
PRL581162002	Parks Inspector	1.00
PRL581162001	Parks Inspector	1.00
PRL581161001	Parks Maintenance and Construction Technician	1.00
PRL585080030	Parks Maintenance Worker I/II	1.00
PRL585080029	Parks Maintenance Worker I/II	1.00
PRL585080028	Parks Maintenance Worker I/II	1.00
PRL585080027	Parks Maintenance Worker I/II	1.00
PRL585080026	Parks Maintenance Worker I/II	1.00
PRL585080025	Parks Maintenance Worker I/II	1.00
PRL585080024	Parks Maintenance Worker I/II	1.00
PRL585080023	Parks Maintenance Worker I/II	1.00
PRL585080022	Parks Maintenance Worker I/II	1.00
PRL585080021	Parks Maintenance Worker I/II	1.00
PRL585080020	Parks Maintenance Worker I/II	1.00
PRL585080019	Parks Maintenance Worker I/II	1.00
PRL585080018	Parks Maintenance Worker I/II	1.00
PRL585080017	Parks Maintenance Worker I/II	1.00
PRL585080016	Parks Maintenance Worker I/II	1.00
PRL585080015	Parks Maintenance Worker I/II	1.00
PRL585080014	Parks Maintenance Worker I/II	1.00
PRL585080013	Parks Maintenance Worker I/II	1.00
PRL585080012	Parks Maintenance Worker I/II	1.00
PRL585080011	Parks Maintenance Worker I/II	1.00
PRL585080010	Parks Maintenance Worker I/II	1.00

PRL585080009	Parks Maintenance Worker I/II	1.00
PRL585080008	Parks Maintenance Worker I/II	1.00
PRL585080007	Parks Maintenance Worker I/II	1.00
PRL585080006	Parks Maintenance Worker I/II	1.00
PRL585080005	Parks Maintenance Worker I/II	1.00
PRL585080004	Parks Maintenance Worker I/II	1.00
PRL585080003	Parks Maintenance Worker I/II	1.00
PRL585080002	Parks Maintenance Worker I/II	1.00
PRL585080001	Parks Maintenance Worker I/II	1.00
PRL585082001	Parks Recreation and Libraries Director	1.00
PRL589547004	Parks Recreation and Libraries Manager	1.00
PRL589547003	Parks Recreation and Libraries Manager	1.00
PRL589547002	Parks Recreation and Libraries Manager	1.00
PRL589543011	Recreation Coordinator I/II	1.00
PRL589543010	Recreation Coordinator I/II	1.00
PRL589543009	Recreation Coordinator I/II	1.00
PRL589543007	Recreation Coordinator I/II	1.00
PRL589543006	Recreation Coordinator I/II	1.00
PRL589543004	Recreation Coordinator I/II	1.00
PRL589543003	Recreation Coordinator I/II	1.00
PRL589543002	Recreation Coordinator I/II	1.00
PRL589543001	Recreation Coordinator I/II	1.00
PRL589543008	Recreation Coordinator I/II	1.00
PRL588304005	Recreation Leader	1.00
PRL588304004	Recreation Leader	1.00
PRL588304003	Recreation Leader	1.00
PRL588304002	Recreation Leader	1.00
PRL588304001	Recreation Leader	1.00
PRL581143005	Recreation Superintendent	1.00
PRL581143004	Recreation Superintendent	1.00
PRL581143002	Recreation Superintendent	1.00
PRL581144008	Recreation Supervisor	1.00
PRL581144007	Recreation Supervisor	1.00
PRL581144006	Recreation Supervisor	1.00
PRL581144004	Recreation Supervisor	1.00
PRL581144003	Recreation Supervisor	1.00
PRL581144002	Recreation Supervisor	1.00
PRL581144001	Recreation Supervisor	1.00
PRL583733001	Senior Interpretive Services Specialist	1.00
PRL587154001	Senior Natural Resources Worker	1.00
PRL581119001	Senior Park Development Project Manager	1.00
PRL587192006	Senior Parks Maintenance Worker	1.00
PRL587192005	Senior Parks Maintenance Worker	1.00
PRL587192004	Senior Parks Maintenance Worker	1.00
PRL587192003	Senior Parks Maintenance Worker	1.00
PRL587192002	Senior Parks Maintenance Worker	1.00
PRL587201001	Senior Tree Trimmer	1.00

PRL581504002	Tree Trimmer I/II	1.00
PRL581504001	Tree Trimmer I/II	1.00
PRL581107001	Turf and Sports Field Technician	1.00
PRL588762001	Urban Forester	1.00
PRL581641004	Youth Development Program Coordinator	1.00
PRL581641003	Youth Development Program Coordinator	1.00
PRL581641001	Youth Development Program Coordinator	1.00

Total for Department:	PRL Parks Recreation and Libraries	153.50
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Position Code	Position Title	Allocated FTE
PWD620088001	Associate/Assistant Transportation Planner	1.00
PWD620071001	Administrative Assistant	1.00
PWD620084006	Administrative Technician	0.75
PWD620084005	Administrative Technician	1.00
PWD620084004	Administrative Technician	1.00
PWD620084003	Administrative Technician	1.00
PWD620084002	Administrative Technician	1.00
PWD620084001	Administrative Technician	1.00
PWD620090001	Alternative Transportation Manager	1.00
PWD621148001	Assistant Public Works Director	1.00
PWD621005012	Associate (PE)/Assistant/Junior Engineer	1.00
PWD621005011	Associate (PE)/Assistant/Junior Engineer	1.00
PWD621005010	Associate (PE)/Assistant/Junior Engineer	1.00
PWD621005009	Associate (PE)/Assistant/Junior Engineer	1.00
PWD621005008	Associate (PE)/Assistant/Junior Engineer	1.00
PWD621005007	Associate (PE)/Assistant/Junior Engineer	1.00
PWD621005006	Associate (PE)/Assistant/Junior Engineer	1.00
PWD621005005	Associate (PE)/Assistant/Junior Engineer	1.00
PWD621005004	Associate (PE)/Assistant/Junior Engineer	1.00
PWD621005003	Associate (PE)/Assistant/Junior Engineer	1.00
PWD621005002	Associate (PE)/Assistant/Junior Engineer	1.00
PWD621005001	Associate (PE)/Assistant/Junior Engineer	1.00
PWD620088003	Associate/Assistant Transportation Planner	1.00
PWD621032006	Building Maintenance Worker I/II	1.00
PWD621032005	Building Maintenance Worker I/II	1.00
PWD621032004	Building Maintenance Worker I/II	1.00
PWD621032003	Building Maintenance Worker I/II	1.00
PWD621032002	Building Maintenance Worker I/II	1.00
PWD621032001	Building Maintenance Worker I/II	1.00
PWD621401001	Community Relations Analyst	1.00
PWD621485006	Custodian	1.00
PWD621485005	Custodian	1.00
PWD621485004	Custodian	1.00
PWD621485003	Custodian	1.00
PWD621485002	Custodian	1.00
PWD621485001	Custodian	1.00

PWD621025001	Custodian Supervisor	1.00
PWD622385005	Electronics Technician I/II/III	1.00
PWD622385004	Electronics Technician I/II/III	1.00
PWD622385003	Electronics Technician I/II/III	1.00
PWD622385002	Electronics Technician I/II/III	1.00
PWD622385001	Electronics Technician I/II/III	1.00
PWD621350001	Engineering Technician I/II	1.00
PWD621300002	Engineering Technician I/II	1.00
PWD622560005	Equipment Serviceworker	1.00
PWD622560004	Equipment Serviceworker	1.00
PWD622560003	Equipment Serviceworker	1.00
PWD622560002	Equipment Serviceworker	1.00
PWD622560001	Equipment Serviceworker	1.00
PWD624321001	Facilities Supervisor	1.00
PWD623319001	Fleet Management Technician	1.00
PWD621113001	Fleet Services Parts Buyer	1.00
PWD622565001	Fleet Services Supervisor	1.00
PWD622214001	GIS Technician I/II	1.00
PWD621140001	Intelligent Transportation Systems Maintenance Supervisor	1.00
PWD628952001	Inventory Control and Supply Worker I/II	1.00
PWD628952002	Inventory Control and Supply Worker I/II	1.00
PWD620050002	Management Analyst I/II	1.00
PWD620050001	Management Analyst I/II	1.00
PWD624501010	Mechanic I/II	1.00
PWD624501009	Mechanic I/II	1.00
PWD624501008	Mechanic I/II	1.00
PWD624501007	Mechanic I/II	1.00
PWD624501006	Mechanic I/II	1.00
PWD624501005	Mechanic I/II	1.00
PWD624501004	Mechanic I/II	1.00
PWD624501003	Mechanic I/II	1.00
PWD624501002	Mechanic I/II	1.00
PWD624501001	Mechanic I/II	1.00
PWD624957008	Office Assistant I/II	1.00
PWD624957007	Office Assistant I/II	0.50
PWD624957006	Office Assistant I/II	1.00
PWD624957005	Office Assistant I/II	1.00
PWD624957003	Office Assistant I/II	1.00
PWD624957002	Office Assistant I/II	1.00
PWD624957001	Office Assistant I/II	1.00
PWD625514001	Principal Engineer	1.00
PWD625560003	Project Coordinator	1.00
PWD625560002	Project Coordinator	1.00
PWD625560001	Project Coordinator	1.00
PWD621069001	Project Supervisor	1.00
PWD625635001	Public Works Director	1.00

PWD621087002	Public Works Manager	1.00
PWD621087001	Public Works Manager	1.00
PWD627119001	Senior Building Maintenance Worker	1.00
PWD627144001	Senior Custodian	1.00
PWD627170001	Senior Electronic Technician	1.00
PWD627142003	Senior Engineer	1.00
PWD627142002	Senior Engineer	1.00
PWD627142001	Senior Engineer	1.00
PWD627189002	Senior Mechanic	1.00
PWD627189001	Senior Mechanic	1.00
PWD627187006	Senior Street Maintenance Worker	1.00
PWD627187005	Senior Street Maintenance Worker	1.00
PWD627187004	Senior Street Maintenance Worker	1.00
PWD627187003	Senior Street Maintenance Worker	1.00
PWD627187002	Senior Street Maintenance Worker	1.00
PWD627187001	Senior Street Maintenance Worker	1.00
PWD621073001	Street Maintenance Manager	1.00
PWD627522003	Street Maintenance Supervisor	1.00
PWD627522002	Street Maintenance Supervisor	1.00
PWD627522001	Street Maintenance Supervisor	1.00
PWD627530020	Street Maintenance Worker I/II	1.00
PWD627530019	Street Maintenance Worker I/II	1.00
PWD627530018	Street Maintenance Worker I/II	1.00
PWD627530017	Street Maintenance Worker I/II	1.00
PWD627530016	Street Maintenance Worker I/II	1.00
PWD627530015	Street Maintenance Worker I/II	1.00
PWD627530014	Street Maintenance Worker I/II	1.00
PWD627530013	Street Maintenance Worker I/II	1.00
PWD627530012	Street Maintenance Worker I/II	1.00
PWD627530011	Street Maintenance Worker I/II	1.00
PWD627530010	Street Maintenance Worker I/II	1.00
PWD627530009	Street Maintenance Worker I/II	1.00
PWD627530008	Street Maintenance Worker I/II	1.00
PWD627530007	Street Maintenance Worker I/II	1.00
PWD627530006	Street Maintenance Worker I/II	1.00
PWD627530005	Street Maintenance Worker I/II	1.00
PWD627530004	Street Maintenance Worker I/II	1.00
PWD627530003	Street Maintenance Worker I/II	1.00
PWD627530002	Street Maintenance Worker I/II	1.00
PWD627530001	Street Maintenance Worker I/II	1.00
PWD627540005	Street Sweeper Operator	1.00
PWD627540004	Street Sweeper Operator	1.00
PWD627540003	Street Sweeper Operator	1.00
PWD627540002	Street Sweeper Operator	1.00
PWD627540001	Street Sweeper Operator	1.00
PWD622376002	Traffic Signal Maintenance Worker I/II	1.00
PWD622376001	Traffic Signal Maintenance Worker I/II	1.00

PWD621110001	Transit Operations Supervisor	1.00
PWD621052001	Transportation Grants Analyst	1.00
PWD621111001	Transportation Technician I/II	1.00
PWD628940001	Vehicle Maintenance Servicewriter	1.00
Total for Department: PWD Public Works		132.25
		Allocated FTE
Total for All Departments		1,391.10

Report : Position Allocation by Department , No Names



COUNCIL COMMUNICATION

CC #: 3797

File #: 0800-03 & 0201-01

Title: Electric New Services - Budget Adjustment
Contact: Chris Porter 916-774-5615 cporter@roseville.ca.us

Meeting Date: 3/19/2025

Item #: 7.16.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council adopt an ordinance to approve the attached budget adjustment to authorize a \$2,500,000 increase in both the Electric New Services Project expense budget and the Contribution in Aid of Construction (CIAC) revenue budget for FY2024-25.

BACKGROUND

Roseville Electric Utility installs distribution infrastructure for new development and is fully reimbursed by developers. Labor and materials expenses associated with the new development is charged to the Electric New Services Project expense budget. Labor and materials expenses are reimbursed by developer funds through the Contribution in Aid of Construction (CIAC) revenue account.

Additional funds are required to complete projects that were not expected to move forward in FY2024-25. These projects include installation of mainline distribution cable made possible by the completion of Westbrook Blvd. in front of the Sierra Vista substation and transformer stock at adequate levels to be able to complete subdivisions that were started in previous fiscal years.

FISCAL IMPACT

There is no net fiscal impact to the Electric Fund. The additional Electric New Services Project expenses will be offset by the additional CIAC revenues.

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 A - Remain fiscally responsible in a changing world

Goal D - Enhance economic vitality

Goal F - Invest in well-planned infrastructure and growth

Respectfully Submitted,

Chris Porter, Assistant Electric Utility Director

Dan Beans, Electric Utility Director



Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance 6918

ORDINANCE NO. 6918

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE
AUTHORIZING CERTAIN AMENDMENTS TO THE FISCAL YEAR 2024-25
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 2024-25, is hereby amended as listed on the attached budget adjustment for the Electric New Services 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 _____, 2024, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



REQUEST FOR BUDGET ADJUSTMENT

Updated 11/22/2024

Please complete the cells highlighted in yellow.

REQUESTER NAME & TITLE:	Chris Porter, Assistant Electric Utility Director	FISCAL YEAR:	2024-25
PREPARER NAME & TITLE:	Matt Nelson, Sr Electric Business Analyst	ORDINANCE:	
DEPARTMENT/DIVISION:	Electric / Engineering		

EXPENDITURES/EXPENSES/TRANSFERS OUT

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
6001	6587	84701	290001	2,500,000	Increase Electric New Services CIP
EXPENDITURES/EXPENSES/TRANSFERS OUT TOTAL				2,500,000	

REVENUES/TRANSFERS IN

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
6001	4681	10001		2,500,000	Increase Contribution in aid of Construction revenue
REVENUES/TRANSFERS IN TOTAL				2,500,000	

NET ADJUSTMENT	-
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FUND BALANCE

ACCOUNT STRING				BUDGET (\$)	DESCRIPTION
Fund	Account	Center	Project	Adjustment	
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
	3601	00000	000000		
FUND BALANCE TOTAL				-	

Justification for Budget Adjustment:

Installations of new electric services for homes have been greater than budgeted in FY25. As such, The need for an additional \$2,500,000 in expenses from the Electric New Services CIP to purchase and install necessary electric equipment to supply electricity to the new homes will be offset by \$2,500,000 in Contribution in Aid of Construction revenues that are collected from the developers.



COUNCIL COMMUNICATION

CC #: 3803

File #: 0323

Title: Second Reading - Roseville Municipal Code Ordinance - Military Equipment Policy

Contact: Scott Blynn 916-774-5040 sblynn@roseville.ca.us

Darren Kato 916-774-5040 dkato@roseville.ca.us

Meeting Date: 3/19/2025

Item #: 7.17.

RECOMMENDATION TO COUNCIL

ORDINANCE NO. 6923 RENEWING CITY OF ROSEVILLE ORDINANCE 6463 AND READOPTING AND CONTINUING ROSEVILLE POLICE DEPARTMENT POLICY NO. 706, TITLED "MILITARY EQUIPMENT", for second reading and adoption.

BACKGROUND

Not applicable.

FISCAL IMPACT

Not applicable.

ENVIRONMENTAL REVIEW

Not applicable.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

Goal C - Maintain a safe and healthy community

Respectfully Submitted,

Travis Cochran, Senior Deputy City Attorney

Michelle Sheidenberger, City Attorney



Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance 6923

ORDINANCE NO. 6923

RENEWING CITY OF ROSEVILLE ORDINANCE 6463 AND READOPTING
AND CONTINUING ROSEVILLE POLICE DEPARTMENT POLICY NO. 706,
TITLED “MILITARY EQUIPMENT”

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1.

- A. On September 30, 2021, Governor Gavin Newsom signed into law Assembly Bill 481, relating to the use of military equipment by law enforcement agencies. Assembly Bill 481, codified at California Government Code sections 7070 through 7075, requires law enforcement agencies to obtain approval of the applicable governing body, by an ordinance adopting a “military equipment” use policy, at a regular meeting held pursuant to open meeting laws, prior to taking certain actions relating to the funding, acquisition, or use of military equipment. The term “military equipment” is defined in California Government Code section 7070(c). Assembly Bill 481 allows the governing body of a city to approve the funding, acquisition, and/or use of military equipment within its jurisdiction only if it makes specified findings.
- B. At its March 1, 2022 meeting, the City Council was presented with Ordinance 6463, which included the findings required by AB 481 and, if adopted, would approve and adopt a Roseville Police Department Policy No. 706, titled “Military Equipment”. The proposed Military Equipment Policy was consistent with AB 481 and based on a model policy utilized by many other law enforcement agencies in California. The City Council elected to move forward with the Military Equipment Policy and introduced Ordinance 6463 for first reading that evening.
- C. At its March 15, 2022 meeting, the City Council completed the second reading and adopted Ordinance 6463, thereby approving and adopting Roseville Police Department Policy No. 706, titled “Military Equipment”. Through adoption of Ordinance 6463, the City Council also made the following findings:
 - 1. The “military equipment” (as defined by California Government Code section 7070(c)) is necessary because there is no reasonable alternative that can achieve the same objective of officer and civilian safety;
 - 2. The “Military Equipment” Policy No. 706 will safeguard the public’s welfare, safety, civil rights, and civil liberties;
 - 3. The current “military equipment” identified in “Military Equipment” Policy No. 706 and purchasing any future “military equipment” on the list of “military equipment” (as defined by California Government Code section 7070(c)) is reasonably cost effective compared to available

alternatives that can achieve the same objective of officer and civilian safety; and

4. Prior “military equipment” use complied with the military equipment use policy that was in effect at the time.

D. AB 481 further requires that the City Council review any ordinance adopted pursuant to AB 481 at least annually, and to vote on whether to “renew” the ordinance. In making this decision, the City Council is required to determine whether each type of military equipment owned by the City complied with the findings originally made during adoption of the ordinance. This determination is to be based on an annual report prepared by the Police Department that includes at least the following information for each type of military equipment approved for use:

1. A summary of how the military equipment was used and the purpose of its use;
2. A summary of any complaints or concerns received concerning the military equipment;
3. The results of any internal audits, any information about violations of the military equipment use policy, and any actions taken in response;
4. The total annual cost for each type of military equipment, including acquisition, personnel, training, transportation, maintenance, storage, upgrade, and other ongoing costs, and from what source funds will be provided for the military equipment in the calendar year following submission of the annual military equipment report;
5. The quantity possessed for each type of military equipment; and
6. If the law enforcement agency intends to acquire additional military equipment in the next year, the quantity sought for each type of military equipment.

The annual report must also be made publicly available on the Roseville Police Department’s webpage, and the Department must also hold at least one well-publicized and conveniently located community engagement meeting at which the general public may discuss and ask questions regarding the annual military equipment report and the Department’s funding, acquisition, or use of military equipment.

E. On February 7, 2025, the Roseville Police Department published its Annual Report regarding AB 481 and the Military Equipment Policy to the Department’s webpage. The Report covers the reporting period of January 1,

2024, through December 31, 2024, and includes all information required by AB 481. The Roseville Police Department also held a community engagement meeting on February 11, 2025, at 5:00 p.m. at the Roseville Police Department. The meeting was well-publicized, and the general public was invited to attend to discuss and ask questions regarding the annual military equipment report and the Department's funding, acquisition, or use of military equipment.

- F. On March 5, 2025, the Annual Report for the period of January 1, 2024 through December 31, 2024, regarding AB 481 and the City of Roseville Police Department's Military Equipment Police was submitted to the City Council pursuant to Government Code section 7072.

SECTION 2. The City Council of the City of Roseville makes the following findings:

- A. The City Council has reviewed Ordinance 6461, which was adopted pursuant to AB 481 and approved the funding, acquisition, or use of "military equipment" and approved and adopted Roseville Police Department Policy No. 706, titled "Military Equipment".
- B. The City Council was presented with the Annual Report, covering the period of January 1, 2024 through December 31, 2024, prepared by the Roseville Police Department pursuant to Government Code sections 7071 and 7072.
- C. Based on the Annual Report prepared by the Roseville Police Department and submitted to the City Council, the City Council determines that each type of "military equipment" identified in the Report has complied with the standards of approval set forth in Government Code section 7071, subsection (d), and adopted by the City Council through Ordinance 6463.
- D. The Roseville Police Department Policy No. 706, titled "Military Equipment", meets all requirements of Government Code sections 7070 – 7075.
- E. Ordinance 6463 is renewed and Roseville Police Department Policy No. 706, titled "Military Equipment", is approved and readopted.

SECTION 3. This ordinance shall be effective at the expiration of thirty (30) days from the date of its 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 _____, 20_, by the following vote on roll call:

AYES COUNCILMEMBERS:

NOES COUNCILMEMBERS:

ABSENT COUNCILMEMBERS:

MAYOR

ATTEST:

City Clerk



COUNCIL COMMUNICATION

CC #: 3792

File #: 0102

Title: Roseville Municipal Code Amendment – Regulations for Fireworks

Contact: Travis Cochran 916-774-5325 tecochran@roseville.ca.us

Meeting Date: 3/19/2025

Item #: 8.1.

RECOMMENDATION TO COUNCIL

Staff recommends that the City Council introduce for first reading an ordinance amending Section 16.16.140 of the Roseville Municipal Code regarding regulations for fireworks.

BACKGROUND

In May 2024, the City Council amended Section 16.16.140 of the Municipal Code regarding regulation of fireworks. These changes included increasing the administrative fine amounts for fireworks-related violations, establishing “host liability” for property owners who knowingly allow others to use prohibited fireworks on their property, and allowing for possible recovery of costs associated with law enforcement responses to incidents involving prohibited fireworks. These changes were primarily in response to the City Council receiving inquiries from the public related to enforcement of illegal fireworks in the City of Roseville, specifically concerning the Fourth of July holiday.

Between June 28th and July 4th (the period during which safe and sane fireworks are allowed to be used within Roseville), the City issued 26 citations for illegal fireworks. Approximately 16 of those citations were issued directly to individuals possessing or using illegal fireworks, and 10 citations were issued to property owners and/or tenants under the host liability provision of the City’s fireworks ordinance. The City issued 5 other citations outside of this timeframe (1 in mid-June and 4 between mid-July and November), all of which were for possession or use of illegal fireworks. Across the 31 citations issued by the City from June through November, there were 237 counts of use and/or possession of illegal fireworks or host liability, for a cumulative fine amount of \$229,250.

Because this was the first year of the City’s increased enforcement efforts and fine amounts, it was relatively unknown what would happen after citations were issued. One unexpected result was that some citations were issued with fine amounts ranging between \$10,000 and \$50,000, which would make collection very difficult and would put the Board of Appeals in a difficult spot if such citations were appealed. To mitigate these issues, and in furtherance of the City’s central focus – abatement of illegal fireworks and compliance with the Municipal Code – City staff developed a

“plea deal” arrangement that was offered to individuals that met certain criteria. These plea deals included reducing the number of counts being cited in exchange for a probationary period. For example, if a responsible party was initially cited for 10 counts of use of illegal fireworks, the following plea arrangement may have been entered:

- The responsible party accepts responsibility for 3 counts of the violation and pays the associated fine amount (\$2,750).
- The remaining 7 counts are held as “pending” for 3 years.
- If the responsible party pays the \$2,750 in full and does not commit any firework-related violations for the next 3 years, the 7 remaining counts are dismissed.

The City resolved 7 of the citations through this type of plea deal arrangement.

Of the 31 citations issued by the City, six were also appealed to the Board of Appeals and ultimately dismissed. One appeal was granted because the issuing Police Officer was unable to attend the hearing (he was called away on another matter at the last minute), two were granted because additional information and/or review of the matter demonstrated that the appellants were not the responsible parties (both of these were host liability issues), and three other appeals were granted due to possible ambiguities in the ordinance.

After accounting for the citations that were successfully appealed and dismissed, as well as those that were separately resolved through plea arrangements, the total number of counts cited by the City for violation of the fireworks ordinance was 112, for a cumulative fine amount of \$108,000. As of March 1, the City has collected \$15,024 of that amount, \$6,476 remains unpaid but is subject to ongoing payment plans with the responsible parties, and \$86,500 is being referred to the State Intercept program for collection.

While the first year of increased illegal fireworks regulation and enforcement was an overall success, it also highlighted possible ambiguities within the Municipal Code and other unexpected challenges regarding enforcement. Thus, staff has identified areas within Section 16.16.140 that would benefit from minor revision. Staff believes these minor revisions would make the ordinance clearer and allow for better and more consistent enforcement. Such proposed revisions include:

1. Clarifying that the term “possession” of prohibited fireworks includes actual, constructive, or joint possession.
2. Expanding the concept of host liability to cover the street and/or sidewalk that is immediately adjacent to a host’s property, and to any other property where a “host” is exercising apparent control.
3. Clarifying that each individual illegal firework may constitute a separate violation of the Municipal Code, either as a prohibited firework or as host liability.

The proposed changes to Section 16.16.140 will clarify what is and what is not allowed with respect to the use of fireworks to celebrate the Fourth of July holiday (and throughout the year), and it will allow for better and more efficient enforcement as the City attempts to combat the unlawful and undesirable use of illegal fireworks within the City.

FISCAL IMPACT

There is no direct fiscal impact associated with the proposed ordinance, although the proposed changes may lead to higher numbers of administrative citations being issued for fireworks violations and/or more successful collection of the corresponding fines.

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 Ordinance meets the above criteria and is not subject to CEQA. No additional environmental review is required.

CITY COUNCIL STRATEGIC PLAN/OVERARCHING GOALS

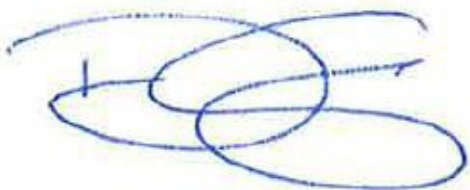
Goal A – Maintain a safe and healthy community

Goal F – Deliver exceptional City services

Respectfully Submitted,

Travis Cochran, Senior Deputy City Attorney

Michelle Sheidenberger, City Attorney



Dominick Casey, City Manager

ATTACHMENTS:

Description

Ordinance

ORDINANCE NO. ____

ORDINANCE OF THE COUNCIL OF THE CITY OF ROSEVILLE AMENDING SECTION
16.16.140 OF CHAPTER 16.16 OF TITLE 16 OF THE ROSEVILLE MUNICIPAL CODE
REGARDING REGULATIONS FOR FIREWORKS

THE CITY OF ROSEVILLE ORDAINS:

SECTION 1. Section 16.16.140 of Chapter 16.16 of Title 16 of the Roseville Municipal Code is hereby amended to read as follows:

16.16.140. Regulations for fireworks.

A. Chapter 56, Section 5608.1 of the California Fire Code, as adopted by the city, is hereby amended to read as follows:

5608.1 General. Outdoor fireworks displays, use of pyrotechnics before a proximate audience and pyrotechnic special effects in theatrical and group entertainment productions shall comply with California Code of Regulations, Title 19, Division 1, Chapter 6- Fireworks, and this chapter.

B. Prohibited Fireworks. Except as otherwise provided in this section, no person shall possess, manufacture, sell, use, display, manipulate, discharge, or explode any dangerous fireworks, or assist any other person therewith, including, but not limited to, any rocket, firecracker, roman candle, squib, torpedo, wire core sparkler, wooden core sparkler, black cartridge, aerial shell or other combustible device or explosive

substance or any kind of fireworks, by whatsoever name known, or any altered safe and sane fireworks within the city. For purposes of this paragraph, “possession” of dangerous fireworks may be actual possession, constructive possession, or joint possession.

- C. Public Displays. Public displays of fireworks may be given under permit issued by the fire code official consistent with state law where such displays will take place under the direction and supervision of a state of California licensed pyrotechnic operator.
- D. Public Notice. Applicants for a fireworks public display permit shall provide notice to the surrounding community prior to the public display in accordance with standards approved by the fire code official.
- E. Safe and Sane Fireworks. It shall not be unlawful to possess, use, display or discharge, within the city, those fireworks that are defined and classified as "safe and sane fireworks" by Health and Safety Code section 12529, as may be amended from time to time, during the period from noon on the 28th of June through 11:59 pm on the 4th of July of the same calendar year. Any fireworks that are not defined and classified as “safe and sane fireworks” by Health and Safety Code Section 12529, as may be amended from time to time, are “dangerous fireworks” for purposes of this section.
- F. Host Liability. No host shall knowingly allow any person to violate a provision of this section on: (i) the host's property; (ii) any sidewalk, street, or other public right of way immediately adjacent to the host’s property; or (iii) any other public or private property to which the host has demonstrated apparent ownership or control of the

[property, or the right to use such property](#). For purposes of this section, "host" means:

(i) any person having ownership, control, the right to use, and/or possess a property;
and/or (ii) is responsible for hosting, organizing, supervising, officiating, conducting,

[allowing](#), and/or accepts responsibility for a gathering. Additionally, for purposes of

this section, "knowingly" shall mean that a person knew or reasonably should have

known, looking at the totality of the circumstances. The provisions of this section

shall not apply to:

1. The possession, manufacture, storage, display, sale, use, or discharge of fireworks as permitted under federal law, state law, and/or this section;
2. A host who seeks immediate assistance from any law enforcement agency to remove any person who refuses to abide by the host's performance of the duties imposed by this section, or to terminate the gathering because the host has been unable to prevent violation of this section, despite having taken reasonable steps to do so;
3. A host who seeks immediate medical assistance to provide care for a person in danger, due to a violation of this section.

G. Sale of Safe and Sane Fireworks. The sale of "safe and sane fireworks", authorized and labeled in accordance with Health and Safety Code section 12529, as may be amended from time to time, within the city, shall be permitted only between noon and 10:00 p.m. on the 28th of June of each year and 9:00 a.m. through 10:00 p.m. on June 29th through the 4th of July of the same calendar year.

Exception: No person shall sell or offer to sell or expose for sale any safe and sane fireworks to any person under the age of 18 years.

H. Permits. It is unlawful for any person, firm, or corporation to sell safe and sane

fireworks within the city without having first applied for and received a city permit therefor, in addition to the required state license.

I. Permit Requirements. The following are requirements for an application for a permit to sell safe and sane fireworks in the city:

1. No permit to sell safe and sane fireworks shall be issued to any person or business entity except nonprofit organizations.

a. "Nonprofit organization" means: (i) any nonprofit association, charity or corporation organized pursuant to the Internal Revenue Code or California Revenue and Taxation Code; or (ii) a group which is an integral part of a recognized national organization having such tax-exempt status; or (iii) an organization officially affiliated with and officially recognized by: (A) an elementary school, middle school, and/or high school and/or school district that serves, in whole or in part, the residents of the city, or (B) a public and/or private community college, college and/or university which is located within the boundaries of the city.

2. Any nonprofit organization that is qualified to sell safe and sane fireworks must meet all of the following criteria for a continuous period of not less than one full year preceding submittal of an application for a permit to sell fireworks required by this section and which continues to meet the criteria for the duration of any permit to sell fireworks issued by the city.

- a. The organization must have its principal and permanent meeting place within the city.
- b. The organization must have a demonstrated benefit or provide a service to the citizens

of Roseville.

- c. The organization must have a minimum bona fide membership of at least 20 members who either reside in the city or are owners or operators of a business or other establishment located in the city or attest that the otherwise qualified organization will have a minimum of 20 volunteers to staff a fireworks booth. The organization shall provide documentation demonstrating the minimum bona fide membership to the satisfaction of the fire chief.
- d. The organization must not have been found by any court of competent jurisdiction or city administrative hearing officer to be in violation of any civil or criminal local, state or federal law within 24 calendar months prior to the organization's submittal of an application for a permit to sell fireworks.
- e. All applications for permits shall be accompanied by a California State Board of Equalization temporary sales tax permit.
- f. All applications for permits shall be in writing to the fire department on forms supplied by the city.
- g. Applications must be filed 30 days prior to the actual sale or display.
- h. Applications shall set forth the proposed location of the fireworks stand.
- i. Applications shall be accompanied by a certificate of insurance in a form approved by the city attorney showing public liability insurance coverage in a minimum amount of \$1,000,000.00.
- j. All applications for permits shall be accompanied by a retail sales permit issued by the California State Fire Marshal.

- k. Applicants shall furnish such other data or information as may be required relating to the issuance of such fireworks permits.
 - l. Applications shall identify the name, organizational form, address of the principal meeting place, number of members, the purpose of the organization or corporation and the date it came into existence within the city. Only those organizations that are located within the city limits will be allowed to sell fireworks. Each organization, and its affiliated groups, will be limited to no more than one booth.
 - m. Every application shall designate one or more individuals as the fireworks stand safety officer. That individual shall be required to attend a fireworks stand operators safety seminar and orientation session conducted or approved by the city's fire department prior to issuance of the permit. The fireworks stand safety officer(s) must attend the seminar each year regardless of whether or not they have previously attended such a seminar in the past.
 - n. Each application shall be accompanied by the applicable permit fee. Such fee shall be nonrefundable. The fee shall be used to defray the expense of administering the provisions of this section and to provide safety and informational material and programming relative to fireworks.
- J. Permit Revocation. The fire chief may suspend or revoke any permit upon proof that the permitted organization or corporation, or any of its members, has violated any of the provisions of this section relating to fireworks. If the fire chief determines that the suspension occurred too late in the limited sales period to have the necessary deterrent effect, he or she may disqualify the permitted person or organization from

obtaining a permit for a period of up to two additional years. Such additional disqualifications may be appealed to the city manager in writing within 15 calendar days of the action.

K. Number of Permits Issued. Except as otherwise provided, not more than 15 permits for fireworks shall be issued during any one calendar year. In the event more than 15 applications for permits are received, priorities for issuing of permits shall be determined by the fire chief as follows:

1. First priority shall be to those applicants who received a permit in the prior calendar year and actually operated a fireworks stand. Provided, however, that such priority shall expire after five consecutive years, and that nothing herein shall be construed so as to permit more than one fireworks stand per organization.
2. Second priority shall be to those otherwise qualified organizations.
3. In the event that the number of applicants within a given class of priority exceeds the number of permits remaining to be granted, then the selection of permittees shall be by lot. Such lottery shall be conducted in public by the fire chief who shall notify all applicants at least five days in advance of the date and time of the lottery.

L. Temporary Fireworks Stands. Retail sales of safe and sane fireworks are permitted only from within a temporary fireworks stand and subject to the following provisions:

1. No person other than the permitted organization shall operate the fireworks stand for which the permit is issued or share or otherwise participate in the profits of the

operation of such stand.

2. No person other than the individuals who are members of the permitted organization shall sell or otherwise participate in the sale of safe and sane fireworks.
3. Each fireworks stand shall have a responsible adult in attendance and in charge of the stand at all times while it is being used for the display or storage of safe and sane fireworks.
4. Each fireworks stand shall have a fireworks stand safety officer in attendance and in charge at all times while it is being used for the sale or the offering for sale of safe and sane fireworks.
5. All safe and sane fireworks shall be retained or stored at the approved location of the fireworks stand, and in no event shall fireworks, other than those which have been sold, be removed from the approved fireworks stand location to any other place within the city.
6. There shall be no drinking or possession of alcoholic beverages in or about the fireworks stand or storage site at any time.
7. Fireworks stands may only be located on property zoned C-C, G-C, M-1, or M-2.
8. No fireworks stand shall be located within 25 feet of any other building or within 50 feet of any gasoline station, fuel pump, storage tank, generator or bulk plant.
9. Fireworks stands shall be located at least 100 feet apart from any other fireworks stand.
10. Fireworks stands shall comply with the provisions of the Building Code as

determined by and at the discretion of the building official. All stands shall be erected under the supervision of the building official. The building official shall require that stands be constructed in a manner which will reasonably insure safety of attendants and patrons.

11. Temporary electrical wiring within the fireworks stand shall be prohibited.
12. Electrically powered equipment shall be located at least 10 feet from the fireworks stand.
13. Each stand shall have at least two approved exits located at opposite ends of the stand.
14. Any relocation of a fireworks stand shall be subject to prior approval of the fire chief.
15. Each fireworks stand shall be provided with two two-and-one-half-gallon "water-type" fire extinguishers approved by the fire chief, in good working order and easily accessible for use in case of fire. Such fire extinguishers shall be kept at or immediately near the fireworks stand.
16. All weeds and combustible materials shall be cleared from the location of the fireworks stand, to a distance of at least 30 feet.
17. When the fireworks stand is not being used for the sale and/or display of fireworks, all fireworks shall be stored in a manner consistent with one of the following:
 - a. Within a reinforced, heavy metal, fully-enclosed container, walk-in type drop box, or its equivalent, as approved by the fire code official; or
 - b. Returned daily to the licensed fireworks wholesaler for storage at an approved location.

M. Igniting Fireworks Near Stand. It is unlawful to discharge or ignite fireworks of any type within 25 feet of a fireworks stand.

N. Removal of Fireworks Stand. Fireworks stands shall be removed from the temporary locations by noon on the 6th day of July, and all accompanying litter shall be cleared from the locations by that time.

O. Penalties.

1. It is unlawful and a public nuisance to violate any of the provisions of this section.

Violation of this section shall be charged as a misdemeanor.

2. For purposes of this section, each individual dangerous firework possessed, manufactured, sold, used, manipulated, displayed, discharged, or exploded may constitute a separate violation by the responsible person, including a host.

~~1.3.~~ 3. ~~Additionally, t~~he city shall be entitled to recover response costs required to address any provision of this section, including from a host. “Response costs” shall mean those reasonable and necessary costs directly incurred by city personnel for a response to an illegal discharge or illegal storage of fireworks, and include the cost of providing law enforcement, firefighting, and/or other emergency services at the scene of the violation.

P. Civil Injunction. The violation of any provision of this section shall be and is hereby declared to be contrary to the public interest and shall, at the discretion of city, create a cause of action for injunctive relief.

Q. Administrative Remedies. In addition to the civil remedies and criminal penalties set forth herein, any person that violates the provisions of this section may be subject to administrative remedies, as set forth by city ordinance, including the recovery of any response cost. Each individual dangerous firework and/or illegal discharge or storage may be charged as a

separate violation.

- R. Cumulative Remedies, Procedures and Penalties. Unless otherwise expressly provided, the remedies, procedures and penalties provided by this section are cumulative to each other and to any others available under state law or other city ordinances.
- S. Effect on Criminal Prosecution. Nothing in the adoption or administration of this section shall be construed as affecting the ability to initiate or continue concurrent or subsequent criminal prosecution for any violation of the provisions of this code or any state law arising out of the same circumstances necessitating the application of this section.
- T. Severability. The provisions of this section are hereby declared to be severable. If any section, sentence, clause, phrase, word, portion or provision of the ordinance codified in this section is held invalid, or unconstitutional, or unenforceable, by any court of competent jurisdiction, such holding shall not affect, impair, or invalidate any other section, sentence, clause, phrase, word, portion, or provision of said ordinance which can be given effect without the invalid portion. In adopting said ordinance, the city council affirmatively declares that it would have approved and adopted said ordinance even without any portion which may be held invalid or unenforceable.

SECTION 2. This ordinance shall be effective at the expiration of thirty (30) days from the date of adoption.

SECTION 3. 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