City Council Chambers
311 Vernon Street, Roseville, California

roseville.ca.us

The City of Roseville welcomes your participation.

Meeting Schedule: Regular meetings of the Design Committee are held on the third Thursday of the month at 4:30 p.m.

Public Comment: Speakers have three (3) minutes under Public Comment to address the Chair of the meeting on issues that are not listed on the agenda and are within the City's jurisdiction. Please submit a yellow speaker card to the Secretary before the item is heard if you wish to make a comment.

Brown Act: The Design Committee cannot discuss or act on items not listed on the agenda.

Agenda Items: Speakers have five (5) minutes to address items that are listed on the agenda.

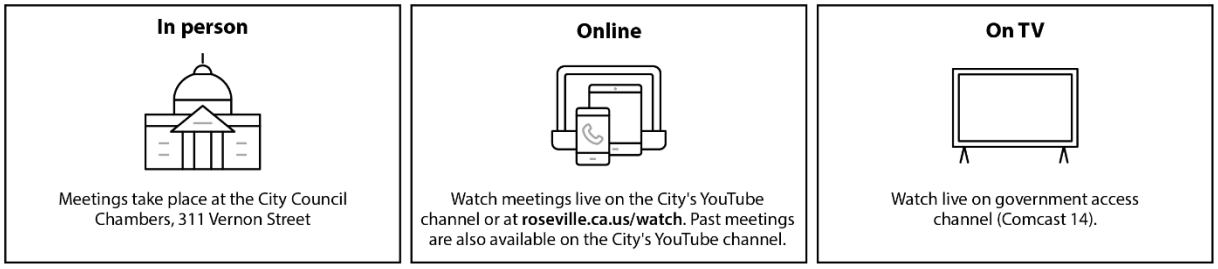
Levine Act Provisions: If you've made a campaign contribution totaling more than $500 ($250 prior to January 1, 2025) to City Council Members in the last twelve (12) months, you must disclose it before addressing an item on the agenda. Please visit Levine Act – City of Roseville for updated forms and information.

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

Americans with Disabilities Act: If special assistance is required to participate in a meeting, including the need of auxiliary aids or services, please notify the City Clerk at least 72 hours in advance of the meeting.
City Clerk 311 Vernon Street cityclerkroseville@roseville.ca.us 916-774-5263 TDD: 916-774-5220

Security Measures: All meeting 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.

Viewing Options: The City of Roseville provides three options for viewing meetings:



Clifford Haggenjos, Jr., Chair
Sandra Boyle, Committee Member
Rex Clark, Committee Member
Lupe Nelson, Secretary
Greg Bitter, Liaison

AGENDA

Design Committee Meeting
June 19, 2025
4:30 PM
City Council Chambers
311 Vernon Street, Roseville, California

I. CALL TO ORDER

II. ROLL CALL SILENT

III. CONSENT CALENDAR

1. Minutes of September 19, 2024

Summary: Approve the Minutes of September 19, 2024

CONTACT: Lupe Nelson 916-774-5281 lnelson@roseville.ca.us

IV. REQUESTS/PRESENTATIONS

1. North Industrial Plan Area Parcel 44 - Foothills Commerce Center Phase III, 1100 Winding Creek Road, File # PL24-0982

REQUEST

The applicant requests approval of a Design Review Permit and Lot Line Adjustment. The project includes development of approximately 360,000-square-feet of light industrial buildings, as envisioned in the 2000 Foothills Business Park Annexation EIR. Four (4) buildings would be constructed, with a 50-foot maximum height allowed and floor areas ranging in size from approximately 59,000-square-feet to approximately 152,000-square-feet, as well as landscaping, circulation improvements, parking, and utility extensions. The request also includes a Lot Line Adjustment to accommodate each building on its own parcel.

Applicant: Jared Frey, Kimley Horn
Owner: M4 Foothills Land, LLC

RECOMMENDATION

The Planning Division recommends the Design Committee take the following actions:

1. Consider an Addendum to the Foothills Business Park Annexation Project EIR;
2. Adopt the four (4) findings of fact and approve the Design Review Permit subject to seventy-one (71) conditions of approval; and
3. Approve the Lot Line Adjustment subject to thirteen (13) conditions of approval.

CONTACT: Escarlet Mar 916-774-5247 emar@roseville.ca.us

V. PUBLIC COMMENTS

VI. ADJOURNMENT

DRAFT MINUTES
September 19, 2024

DESIGN COMMITTEE MEETING
4:30 P.M.
Civic Center Meeting Rooms 1 & 2
311 Vernon Street
Roseville, California
www.roseville.ca.us

1. CALL TO ORDER

Chair Haggenjos called the meeting to order at 4:30 p.m.

2. SILENT ROLL CALL

Present: Boyle, Clark, Haggenjos
Absent: None

3. CONSENT CALENDAR

3.1. Minutes of August 15, 2024

Motion by Committee Member Clark, seconded by Committee Member Boyle, to approve the Consent Calendar.

The Motion passed unanimously with a voice vote.

4. REQUESTS/PRESENTATIONS

4.1. Infill Parcel 18 - 141 Birch Street Residential Project, 141 Birch St, File # PL24-0741

REQUEST

The applicant requests approval of a Design Review Permit to allow the construction of a 1,512-square-foot single-family dwelling unit and a 1500-square-foot duplex with associated parking and landscaping improvements.

Associate Planner, Escarlet Mar, presented the staff report.

Committee Discussion

- A Committee Member requested clarification on the location of the duplex parking. Staff stated that the parking is located at the rear of the property line closest to the duplex.
- A Committee Member asked what the setback is. Staff responded that the side setback is 5-feet from the property line.

- A Committee Member asked whether fencing is required around the property. Staff responded that it is not a requirement unless a swimming pool is present.
- A Committee Member asked whether the project would be a rental property or designated as affordable housing. Staff responded that the City does not regulate the status of residential properties.
- A Committee Member asked about the elevation of the side property. Staff referred the Committee Member to Exhibit A of the Staff Report.
- A Committee Member sought clarification on Drawing A3 of the Staff Report regarding the number of parking spaces for the home. Staff responded that the garage would be able to accommodate two (2) vehicles.
- A Committee Member asked if there would be any encroachment into the right-of-way. Staff responded that there would be and that a permit from Engineering would be required prior to construction.

Chair Haggenjos opened the Public Hearing and invited comments from the applicant and/or audience.

Applicant, Sergey Brodskiy, Perfect Homes Solutions, LLC, stated he had received a copy of the staff report and was in agreement with staff's recommendations.

Hearing no public comments, Chair Haggenjos closed the public comment period and Public Hearing.

Committee Member Clark, seconded by Committee Member Boyle, made the motion to:

1. Adopt the four (4) findings of fact and approve the Design Review Permit subject to twenty-five (25) conditions of approval.

The Motion passed unanimously with a voice vote.

5. BOARD MEMBER / STAFF REPORT

Staff Report

- There will not be an October Design Committee meeting.

Board Member Reports

- None

6. PUBLIC COMMENTS

Chair Haggenjos opened the Public Comment period. Hearing none, Chair Haggenjos closed the Public Comment period.

7. ADJOURNMENT

Motion by Committee Member Boyle, seconded by Committee Member Clark to adjourn the meeting. The Motion passed unanimously at 4:40 p.m. with a voice vote.

Design Committee Communication

Meeting Date: 6/19/2025
Item #: IV.1
Item ID: 2025-378

Title: North Industrial Plan Area Parcel 44 - Foothills Commerce Center Phase III, 1100 Winding Creek Road, File # PL24-0982
Contact: Escarlet Mar 916-774-5247 emar@roseville.ca.us

SUMMARY

REQUEST

The applicant requests approval of a Design Review Permit and Lot Line Adjustment. The project includes development of approximately 360,000-square-feet of light industrial buildings, as envisioned in the 2000 Foothills Business Park Annexation EIR. Four (4) buildings would be constructed, with a 50-foot maximum height allowed and floor areas ranging in size from approximately 59,000-square-feet to approximately 152,000-square-feet, as well as landscaping, circulation improvements, parking, and utility extensions. The request also includes a Lot Line Adjustment to accommodate each building on its own parcel.

Applicant: Jared Frey, Kimley Horn
Owner: M4 Foothills Land, LLC

RECOMMENDATION

The Planning Division recommends the Design Committee take the following actions:

1. Consider an Addendum to the Foothills Business Park Annexation Project EIR;
2. Adopt the four (4) findings of fact and approve the Design Review Permit subject to seventy-one (71) conditions of approval; and
3. Approve the Lot Line Adjustment subject to thirteen (13) conditions of approval.

RECOMMENDATION

See Design Committee Staff Report

Respectfully Submitted,
Escarlet Mar, Associate Planner

Greg Bitter, Planning Manager

ATTACHMENTS:

1. Staff Report
2. Exhibit A
3. Exhibit B
4. Exhibit C

REVIEWERS:

Lupe Nelson, Development Services Department Created/Initiated - 6/13/2025

ITEM 4.1: Design Review Permit and Lot Line Adjustment – 1100 Winding Creek Road – NIPA PCL 44 - Foothills Commerce Center Phase III – File #PL24-0982

REQUEST

The applicant requests approval of a Design Review Permit and Lot Line Adjustment. The project includes development of approximately 360,000-square-feet of light industrial buildings, as envisioned in the 2000 Foothills Business Park Annexation EIR. Four (4) buildings would be constructed, with a 50-foot maximum height allowed and floor areas ranging in size from approximately 59,000-square-feet to approximately 152,000-square-feet, as well as landscaping, circulation improvements, parking, and utility extensions. The request also includes a Lot Line Adjustment to accommodate each building on its own parcel.

Applicant – Jared Frey, Kimley Horn
Owner – M4 Foothills Land, LLC

SUMMARY RECOMMENDATION

The Planning Division recommends the Design Committee take the following actions:

1. Consider an Addendum to the Foothills Business Park Annexation Project EIR;
2. Adopt the four (4) findings of fact and approve the Design Review Permit subject to seventy-one (71) conditions of approval; and
3. Approve the Lot Line Adjustment subject to thirteen (13) conditions of approval.

SUMMARY OF OUTSTANDING ISSUES

There are no outstanding issues associated with this request. The applicant has reviewed and is in agreement with all recommended conditions of approval.

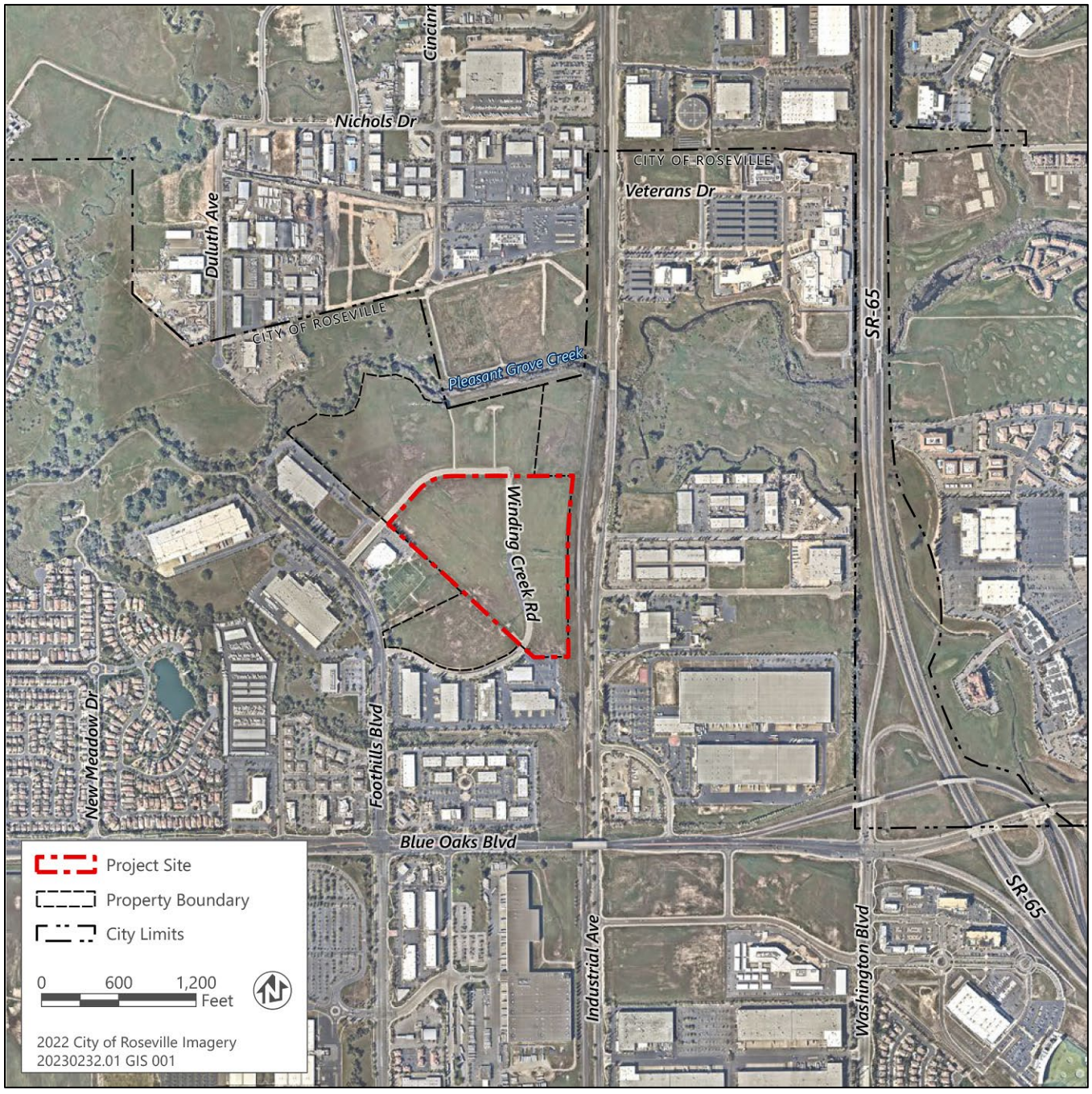
BACKGROUND

In 2000 the City of Roseville approved a General Plan Amendment, Rezone/Prezone, Development Agreement, Annexation, and Certification of an Environemental Impact Report for the Foothill Business Park Annexation (file #GPA 99-02, RZ 99-05, ANN 99-01, & DA 99-06). The project allowed for annexation of 93-acres of land into the City of Roseville and 32-acres of land within the City limits contingous to the area of annexation. Together, the annexation area and contiguous parcels totaled 124-acres of project area. Following subsequent approvals, a 20,000-sq ft industrial office/warehouse building, storage yard, and parking were constructed in 2008 and are operational. The remainder of the approved Foothill Business Park Annexation Project was not constructed (863,906-square-feet remaining).

The project site encompases five (5) existing parcels all located on Parcel 44 within the North Industrial Plan Area (NIPA) (see Figure 1). The project site is within the original Foothills Business Park Annexation Project which was located on a larger 65-acreproject site. Of the 65-acre property, approximately 29-acres would be developed as part of the Foothills Commerce Center Phase III (the Project site). The Project site is currently vacant and is relitvely flat with native grasses. Surrounding uses include light industrial buildings for construction supply, a fitness center, a faith-based community organization, and a

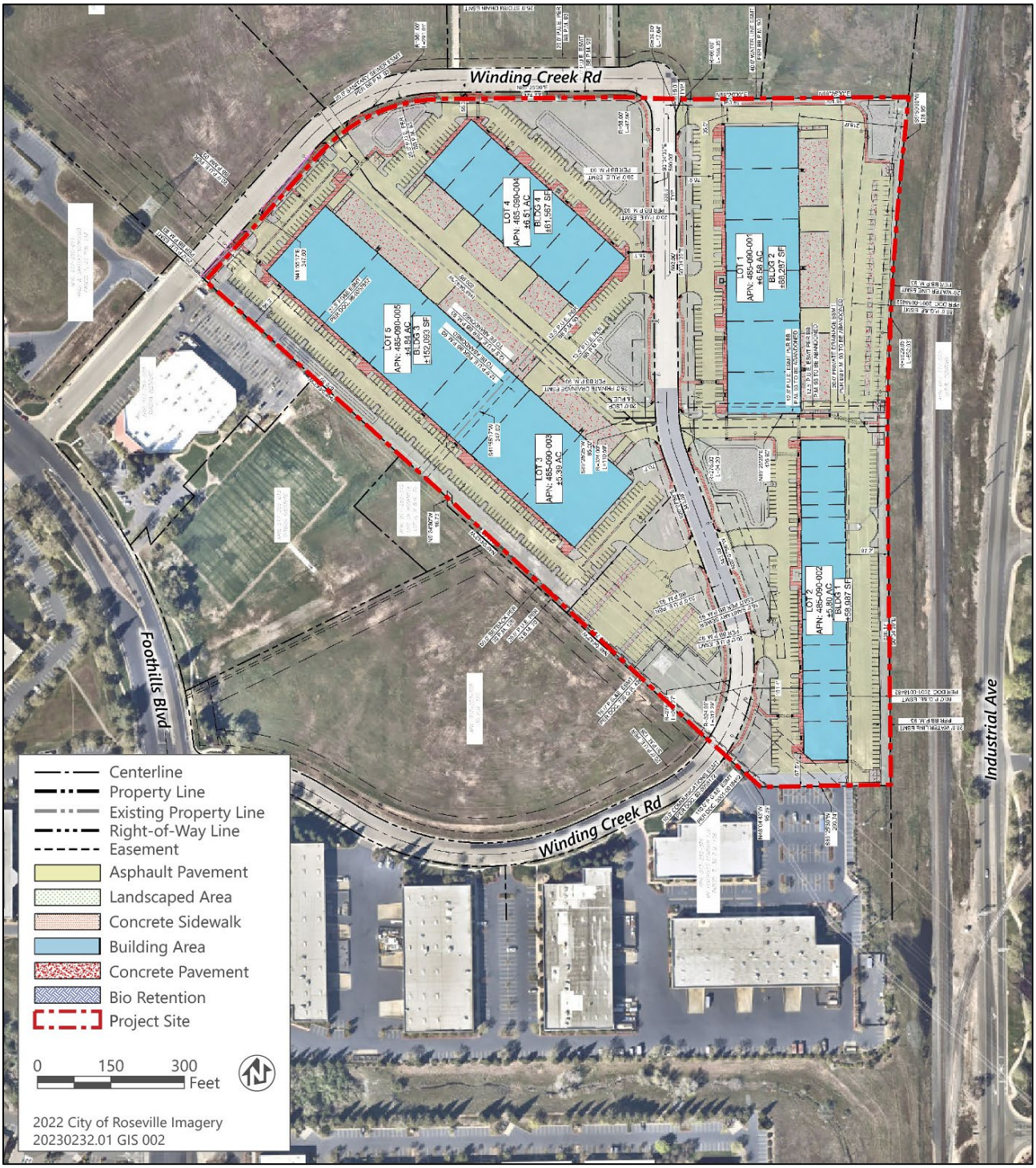
manufacturer. The Project site has a zoning designation of Light Industrial (M1) and a General Plan land use designation of Light Industrial (LI).

Figure 1: Project Location



Pursuant to Chapter 19 of the Zoning Ordinance, a Design Review Permit is required for all new construction of multi-family residential, commercial, and industrial projects. The proposed project will allow the development of approximately 360,000-square-feet of the property with light industrial, as well as research and development uses, as envisioned in the 2000 Foothills Business Park Annexation EIR. Four (4) buildings would be constructed, with a 50-foot maximum height allowed and floor areas ranging in size from approximately 59,000-square-feet to approximately 152,000-square-feet, as well as landscaping, circulation improvements, parking, and utility extensions. The request also includes a Lot Line Adjustment to accommodate each building on its own parcel. (see Figure 2).

Figure 2: Proposed Site Plan



EVALUATION – DESIGN REVIEW PERMIT

The evaluation of the Design Review Permit has been based on the applicable development and design standards within the City's Zoning Ordinance, the City's Community Design Guidelines (CDG), and the NIPA. Section 19.78.060(B) of the City of Roseville Zoning Ordinance requires four findings of fact be made in order to approve a Design Review Permit. The four findings for approval of the Design Review Permit are listed below in ***italicized, bold*** text and are followed by an evaluation of the project in relation to each finding.

1. The project as approved preserves and accentuates the natural features of the property, such as open space, topography, trees, wetlands and water courses; provides adequate drainage for the project; and allows beneficial use to be made of the site for development.

The Project site as previously mentioned is comprised of approximately five (5) parcels totaling 29-acres of vacant land within the approximately 65-acre Foothills Business Park Annexation area. The Project site is vacant with non-native annual grassland. Much of the site's surface has been disturbed throughout the years, with evidence of disking throughout the Project site. In addition, along the western property lines of Lot 3 and 4 there are two PG&E easements (75-foot wide and 110-foot-wide) that span the length of the parcel. Within the easement there is one (1) existing power transmission tower within Lot 3.

As part of the site review two (2) project biologists visited the site in April and May of 2024. No natural features are known to exist on the site including protected trees or wetlands. The Project site is relatively flat and no significant grade changes occur. The project has been reviewed by the City's Engineering Division and has been designed consistent with City standards related to drainage improvements and stormwater quality facilities.

2. The project site design as approved provides open space; access; vehicle parking; vehicle, pedestrian and bicycle circulation; pedestrian walks and links to alternative modes of transportation; loading areas; landscaping; irrigation; and lighting which results in a safe, efficient, and harmonious development and which is consistent with the applicable goals, policies and objectives set forth in the General Plan, the Community Design Guidelines and the applicable specific plan and/or applicable design guidelines.

The evaluation of the Design Review Permit has been based on the applicable development and design standards within the City's Zoning Ordinance, the City's CDG, and the NIPA. Staff reviewed the proposal for consistency with all applicable standards and found the project to be consistent with the pertinent requirements and guidelines. The following sections of evaluation focus on areas of interest.

Site Planning and Building Siting

The Project is comprised of five (5) parcels ranging in size from 4.84-acres to the 6.58-acres. All parcels have street frontage onto Winding Creek Road as illustrated in Figure 2. As proposed, the buildings are situated throughout the Project site to ensure the loading docks are screened from public view. Lot 1 proposes the loading docks in the rear of the property adjacent to the railroad tracks and Industrial Avenue. The loading docks on Lots 3, 4, and 5 are all proposed internal to the site. Buildings 2, 3 and 4 have all been designed to allow large trucks to circulate efficiently, primarily at the rear of the buildings.

The industrial buildings all range in sizes and provide varying setbacks, Tables 1 through 4 below illustrate their respective setbacks for each parcel. Landscape setbacks would be provided around the perimeter of the site as a buffer along Winding Creek Road, the Union Pacific rail line, and the neighboring development. Landscaping is proposed to include primarily low water-use trees, shrubs, and ground cover; no turf is proposed.

Tables 1-4: Building setbacks

Building 1: 58,874 sf			
Setback	Front	Side	Rear
Required (minimum)	65-feet	35-feet	45-feet
Provided	99-feet	53-feet	87-feet
Building 2: 88,287 sf			
Setback	Front	Side	Rear
Required (minimum)	65-feet	35-feet	45-feet
Provided	100-feet	56-feet	178-feet

Building 3: 152,007 sf			
Setback	Front	Side	Rear
Required (minimum)	100-feet	50-feet	60-feet
Provided	100-feet	78-feet	97-feet
Building 4: 61,567 sf			
Setback	Front	Side	Rear
Required (minimum)	80-feet	35-feet	45-feet
Provided	120-feet	55-feet	91-feet

Access and Circulation

The main entries to the project site would be from Foothills Boulevard to Winding Creek Road, as shown in Figure 2. There would be driveways along Winding Creek Road and an internal vehicular circulation system that would provide access to surface parking lots as shown in Figure 2. The buildings are organized around a main driveway designed for large truck circulation, while pedestrian and vehicular paths circle the site perimeter. Landscape and frontage improvements along Winding Creek Road are proposed which include the construction of meandering sidewalks which connect to the buildings, bioretention basins, and landscaping improvements. Further, existing utility infrastructure is located within and along Winding Creek Road which would require the project to tie into the existing water, wastewater, stormwater, and electrical infrastructure.

Parking

Based on the Zoning Ordinance parking requirement for light industrial uses, the project is required to provide 431 parking spaces. Overall, the project proposes 696 parking stalls, with 608 parking stalls for autos and 88 parking stalls for truck trailers, exceeding the parking requirement. The Project is designed to accommodate different types of warehousing and light manufacturing tenants; actual tenants have not been identified yet. It is assumed that each tenant will have different employee counts and may require more parking than was assumed. Therefore, the Project includes a surplus of parking, to allow for flexibility in the tenant mix.

Landscaping & Lighting

The Project landscape plans included a master landscape palette to be applied throughout the project. Landscape setbacks would be provided around the perimeter of the site as a buffer along Winding Creek Road, the Union Pacific Railroad tracks, and neighboring development. Landscaping is proposed to include primarily low water-use trees, shrubs, and ground cover; no turf is proposed. The proposed planting plan includes street trees as suggested in the NIPA, shade trees, accent trees, and drought tolerant plants. Trees include a mix of Deodar Cedar, Columbia London Plane Tree, and October Glory Red Maple along Winding Creek Road. Landscaping within the parking area will consist of a mix of Chinese Evergreen Elm, Red Push

Pistache, and Village Green Sawleaf Zelkova. The CDG requires that 50-percent of the paved parking areas be shaded by trees at 15-year maturity. The landscaping plan indicates that the Project site will provide a range of parking lot shading with a minimum of 50-percent to a maximum of 65-percent parking lot shading, exceeding the minimum requirement.

The project proposes five (5) bioretention basins throughout the project parcels (see Figure 3). These water quality swales will be planted with trees and suitable vegetation that will allow the water treatment system to function properly. The applicant has designed the bioretention basin closest to Lot 3 with the intention of screening the loading dock as required by the CDG. To comply with the CDG, the applicant proposes to plant Columbia London Plane, Deodar Cedar, and Crape Myrtle trees along the perimeter of the bioretention basin. A rendering illustrating the proposed trees, as viewed from Winding Creek Road, is included in Exhibit B and shown below in Figure 4. The final landscaping will be required to adhere to the Water Efficient Landscaping Ordinance (WELO).

The parking lot lighting will consist of LED pole-mounted lights with an overall height of twenty-five (25) feet. This height complies with CDG Policy OI-82, which requires pole mounted lighting to be no taller than 35 feet for industrial projects. Consistent with CDG Policy OI-78, the lighting sources will have cut off lenses and be located to avoid light spillage and glare on adjacent properties. The lighting is conditioned to comply with the City's minimum lighting level requirements (0.5 foot-candles in pedestrian areas and 1.0 foot-candles in vehicle areas). As such, staff finds the photometric plan is consistent with the CDG.

Figure 3: Proposed Bioretention Facilities

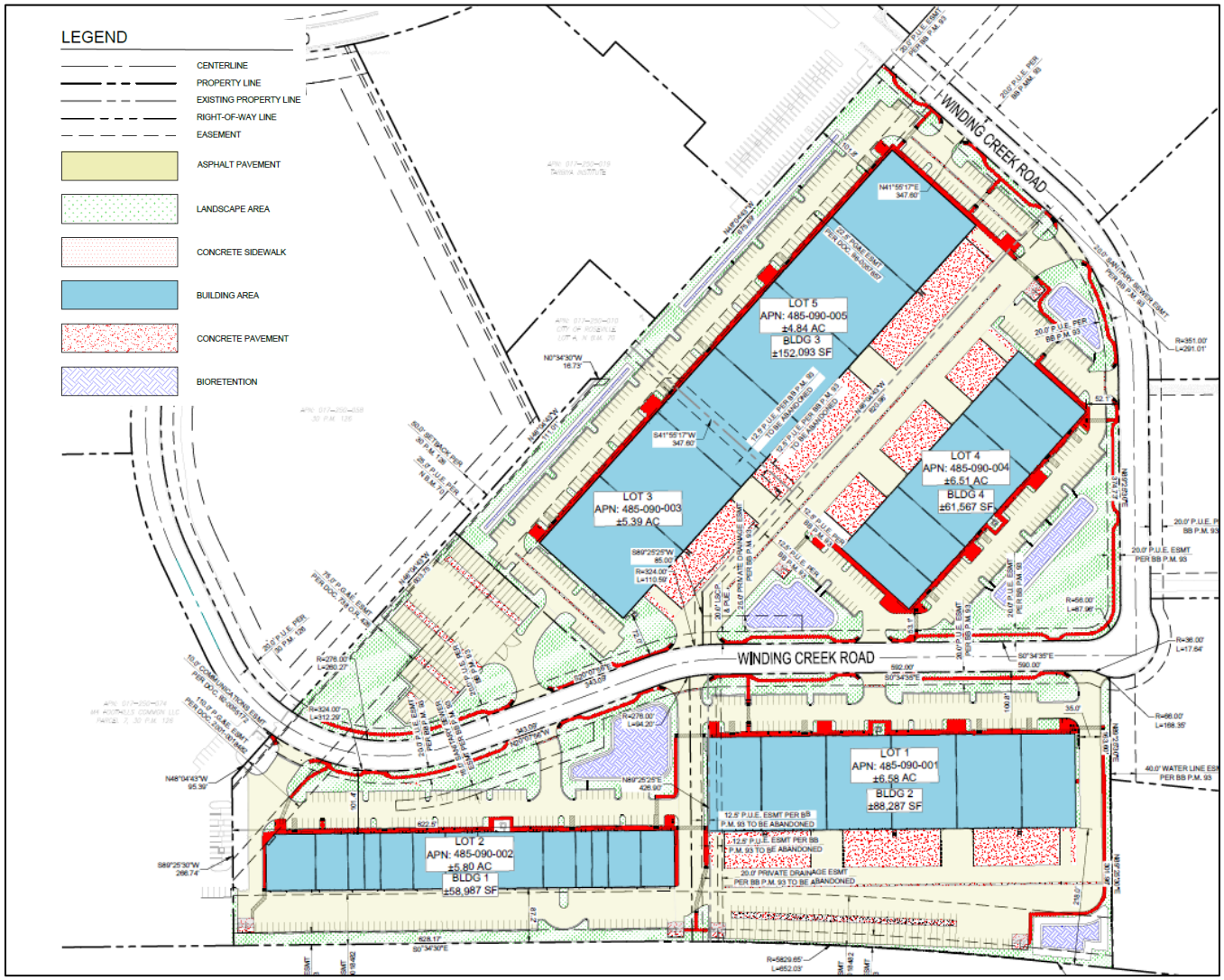


Figure 4: View from Winding Creek Road

3. The building design, including the materials, colors, height, bulk, size and relief, and the arrangement of the structures on the site, as approved is harmonious with other development and buildings in the vicinity and which is consistent with the applicable goals, policies and objectives set forth in the General Plan, the Community Design Guidelines and the applicable specific plan and/or applicable design guidelines.

The Community Design Guidelines suggest that projects with multiple buildings develop an architectural theme throughout the project. The Project conceptual plans show a concrete tilt-up construction, score lines and wall, and roof line variation to provide visual interest, consistent with the Community Design Guidelines. The buildings vary in size, but the maximum building height will be approximately 45-feet tall, consistent with the NIPA development standards.

The color palette includes a white and gray color scheme (see Figure 5). The network gray will be used around the base of the building to add a soft break between the Network Gray and Snowbound color scheme. Where permissible glazing is proposed along the front of the buildings to create visual interest and avoid a flat, monotonous appearance. Additional windows are proposed above the entrances to allow for a break between the long building spans (see Figure 6). Overall, the building design and color scheme are compatible with the existing industrial structures in the area.

Figure 5: Color Palette

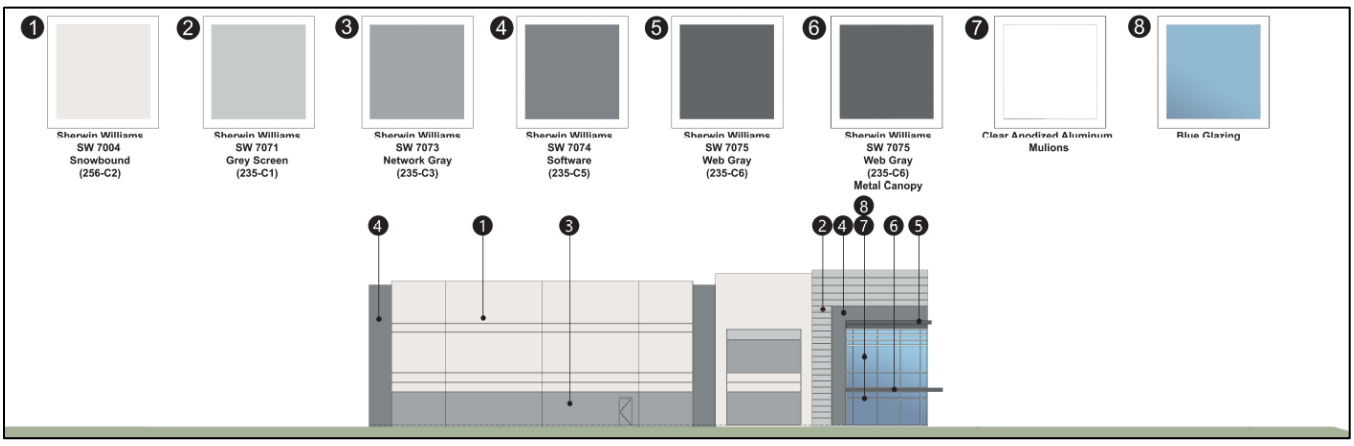


Figure 6: Proposed Building Elevation

4. The design of the public services, as approved, including, but not limited to, trash enclosures and service equipment are located so as not to detract from the appearance of the site, and are screened appropriately and effectively using construction materials, colors and landscaping that are harmonious with the site and the building designs.

All trash containers will be screened within trash enclosures. The enclosures will be surrounded by landscaping. All rooftop mechanical equipment will be sufficiently screened from public view by the building parapets.

EVALUATION – LOT LINE ADJUSTMENT

The Subdivision Ordinance does not list any required findings for a Lot Line Adjustment (LLA); however, a LLA must comply with the following criteria listed below. Each criterion is listed in ***bold italic*** font, followed by an evaluation.

1. Compliance with the City of Roseville General Plan.

The Project site encompases five (5) existing parcels that have a General Plan land use designation of Light Industrial. The applicant is not proposing to change the use of the land nor the density; therefore, the proposed LLA is in conformance with the General Plan.

2. Compliance with the Zoning Ordinance for the district in which it is located.

The Project site parcels all have a zoning designation of Light Industrial (LI) and are located within the North Industrial Plan Area. The zoning ordinance does not contain minimum lot size standards for the LI zone. Rather, the zoning ordinance contains a list of permitted uses. The conceptual industrial site plan provided with the applications shows four (4) industrial buildings that could contain a range of industrial uses permitted in the LI zone. The Project site is therefore in compliance with the LI district.

3. Compliance with the local building regulations.

The California Building Code (CBC) establishes building regulations based upon the type of construction, the use of a building or structure and a building's proximity to other buildings and property lines. As discussed, the conceptual industrial site plan aligns with the expected development pattern for the respective zoning and land use designations and will not prevent future structures from complying with the local building code regulations and the required building setbacks from the property lines.

4. Provisions for relocation of existing infrastructure or easements.

There are several existing private and public utility easements on the Project site that would be required to be abandoned as part of this project. Condition of approval #12 would require the applicant to receive

approval of a Summary Vacation from the City Council prior to Building permits. Lastly, the Engineering Division and other applicable departments have reviewed the proposed infrastructure and easements.

EVALUATION – EASEMENT ABANDONMENT

In addition to the entitlements before the Design Committee, the project will require City Council approval of a Summary Vacation in order to vacate four (4) Public Utility Easements (PUEs) and one (1) private drainage easement. Government Code Section 8300 et. seq. (Streets and Highways Code) states that an easement may be terminated (vacated) by adopting a resolution of vacation. There are two pathways for vacation: summary or general. An abandonment request for a public utilities easement is eligible for the simpler, summary vacation process when any one of three potential conditions applies:

1. The easement has not been used for the purpose for which it was dedicated or acquired for five consecutive years immediately preceding the proposed abandonment.

2. The easement has been in place for less than five years (making it ineligible for condition 1, above), but it has been in place for at least a year and has not been used for the purpose for which it was dedicated or acquired.

3. The need for the easement has been superseded by relocation, and there are no other public facilities in the easement.

The easements were recorded 17 years ago, in 2008. The easements were dedicated for multiple purposes: to provide for the installation and maintenance of underground public utilities and a private drainage. The final use, of private utility easements, is not affiliated with a public service or utility. The easements have not been used for the purpose for which they were intended for and there are no public facilities within the easements. For this reason, staff concludes that condition 1 and 3 (as described above) for a summary vacation applies and will schedule this item for the City Council's consideration. New utility easements are proposed to be recorded on the property to accommodate utilities for the project. These easements will be recorded via separate instruments.

PUBLIC OUTREACH

The proposed project was distributed to all internal and external agencies and departments who have requested such notice, and all comments or recommended conditions of approval have been incorporated into the project, as appropriate. Early notification of the project was posted on the Roseville Coalition of Neighborhood Associations (RCONA)'s website. A notice of the public hearing was published in the Roseville Press Tribune on June 6, 2025 and a notice of the hearing was also distributed to all property owners within 300 feet of the site and posted on the RCONA website. No comments have been received as of publication of the staff report.

ENVIRONMENTAL DETERMINATION

Consistent with California Environmental Quality Act (CEQA) Guidelines Section 15164, regarding previously certified and adopted Environmental Impact Reports (EIR), an Addendum to the Foothills Business Park Annexation Environmental Impact Report (SCH #2000022007, certified on September 13, 2000) has been prepared in order to demonstrate that none of the conditions described in Section 15162 of the CEQA Guidelines calling for preparation of a subsequent EIR have occurred. The Addendum did not identify any new environmental impacts from the project. As such, staff recommends the Design Committee consider the Addendum prior to taking action on this project.

RECOMMENDATION

The Planning Division recommends the Design Committee take the following actions:

1. Consider an **Addendum to the Foothills Business Park Annexation Project EIR**;
2. Adopt the four (4) findings of fact and approve the **DESIGN REVIEW PERMIT – 1100 WINDING CREEK ROAD – NIPA PCL 44 – FOOTHILLS COMMERCE CENTER PHASE III – FILE #PL24-0982** subject to seventy-one (71) conditions of approval; and
3. Approve the **LOT LINE ADJUSTMENT – 1100 WINDING CREEK ROAD – NIPA PCL 44 – FOOTHILLS COMMERCE CENTER PHASE III – FILE #PL24-0982** subject to thirteen (13) conditions of approval.

CONDITIONS OF APPROVAL FOR THE DESIGN REVIEW PERMIT – FILE #PL24-0982

1. This Design Review Permit approval shall be effectuated within a period of two (2) years from **June 19, 2025** and if not effectuated shall expire on **June 19, 2027**. Prior to said expiration date, the applicant may apply for an extension of time, provided this approval does not extend the expiration beyond **June 19, 2028**. (Planning)

2. The project is approved as shown in Exhibit B and as conditioned or modified below. (Planning)

3. The project shall comply with all required environmental mitigation identified in the Addendum to the Foothills Business Park Annexation Project EIR (SCH #2000022007, Certified on September 13, 2000) and shall include all applicable mitigation measures as notes on the grading plans. (All Departments)

4. The project shall be addressed as 1100 Winding Creek Road. The address for Lot 2, and proposed Building 1, shall be 1100 Winding Creek Road. The address for Lot 3, and proposed Building 3, shall be 1101 Winding Creek Road. The address for Lot 1, and proposed Building 2, shall be 1200 Winding Creek Road. The address for Lot 4, and Proposed Building 4, shall be 1401 Winding Creek Road. The address for Lot 5 shall be 1601 Winding Creek Road. All projects with multi-tenants or buildings must submit a site plan with building footprint(s) to the Development Services Department (Business Services – Addressing) for building/suite addressing. (Business Services)

5. The applicant shall pay City's actual costs for providing plan check, mapping, GIS, and inspection services. This may be a combination of staff costs and direct billing for contract professional services. Project billing may occur up to two (2) months after the end of warranty or the Notice of Termination date for the SWPPP, whichever occurs later. (Engineering, Environmental Utilities, Electric, Finance)

6. The design and construction of all improvements shall conform to the Design and Construction Standards of the City of Roseville, or as modified by these conditions of approval, or as directed by the City Engineer. (Engineering)

7. The applicant shall not commence with any on-site improvements or improvements within the right-of-way until such time as grading and/or improvement plans have been submitted for review and are approved with grading and/or encroachment permits issued by the Department of Development Services Engineering Division. (Engineering)

8. The approval of this project does not constitute approval of proposed improvements as to size, design, materials, or location, unless specifically addressed in these conditions of approval. The Developer shall submit civil drawings to the Department of Development Services – Engineering Division for review and approval. (Engineering)

PRIOR TO ISSUANCE OF BUILDING PERMITS:

9. Parking lot design shall conform to the City's design standards, including the following minimum standards for parking stalls:

    a. All parking stalls shall be double-striped. Parking stalls adjacent to sidewalks, landscaped areas or light fixtures, and all Accessible stalls shall abut a 6-inch raised curb or concrete bumper. (Planning)

    b. Standard – 9 feet x 18 feet; Compact – 9 feet x 16 feet; Accessible – 14 feet x 18 feet (a 9-foot-wide parking area plus a 5-foot-wide loading area) and a minimum of one (1) parking space shall be Accessible van accessible – 17 feet x 18 feet (9-foot-wide parking area plus an 8-foot-wide loading area). (Planning)

    c. An 'exterior routes of travel' site accessibility plan incorporating slope, cross-slope, width, pedestrian ramps, curb ramps, handrails, signage, detectable warnings or speed limit signs or equivalent means shall comprise part of the site improvement plans submitted to City for review, prior to building plan check approvals. This site accessibility plan shall also include:

        i. Accessible parking stalls shall be dispersed and located closest to accessible entrances. The total number of accessible parking spaces shall be established by Table 11B-208.2 of the CBC.

        ii. Accessible Parking spaces and crosswalks shall be signed, marked and maintained as required by Chapter 11 of the CBC.

        iii. Accessible parking and exterior route of travel shall comply with CBC, Sections 11B-206 and 11B-208. (Building)

10. Signs and/or striping shall be provided on-site as required by the Planning Department to control on-site traffic movements. Parking lot striping and signage shall be maintained in a visible and legible manner. (Planning)

11. The plans submitted to the Building Division for permits shall indicate all approved revisions/alterations as approved by the Commission including all conditions of approval. (Planning)

12. The applicant shall receive approval of a Summary Vacation for the four (4) Public Utility Easements and one (1) private Drainage Easement from the City of Roseville City Council prior to Building permits. (Planning)

13. The project Landscape Plans shall comply with the following:

    a. The Landscape Plan shall indicate the location of, and be designed to avoid conflicts with, all pole-mounted light fixtures and utility equipment including (but not limited to) electric transformers, switchgear, and overhead lines; backflow preventers; fire department connections; and public water, sewer, and storm drain facilities. (Planning, Fire, Environmental Utilities, Electric, Engineering)

    b. The tree plantings in the parking lot shall be designed to provide a minimum of 50% shade coverage after 15 years. (Planning)

    c. At a minimum, landscaped areas not covered with live material shall be covered with a rock, (3") bark (no shredded bark) or (3") mulch covering. (Planning)

d. The landscape plan shall comply with the Landscape Guidelines for North Industrial Plan Area and the City of Roseville Water Efficient Landscape Ordinance. (Planning, Environmental Utilities)

e. Landscaping adjacent to preserve areas shall consist of California native, drought-tolerant groundcover, shrubs, plants, and trees. (Open Space, Planning)

f. All landscaping in areas containing electrical service equipment shall conform to the Electric Department's Landscape Requirements and Work Clearances as outlined in Section 10.00 of the Departments "Specification for Commercial Construction." (Electric)

g. Slopes within landscape planters shall be no more than 3:1. A two-foot flat bench located at back-of-walk shall be included in the landscape area to slow or allow absorption of nuisance run-off from the planters. (Parks, Recreation, and Libraries)

h. All landscaping shall conform to the standards of crime prevention through environmental design with the intent to create natural surveillance, controlling access, and territorial reinforcement to property boundaries. (Police)

14. All mechanical and electrical equipment (including switch gear) proposed shall be shown on the building plans. The equipment shall be fully screened from public streets and the surrounding properties. (Planning)

15. At the time of building permit application and plan submittal, the project applicant shall submit a proposed plan which shows the proposed addressing for the building and dwelling unit numbers (choose one - individual tenant spaces within the building). The Building Official, or the designee, shall approve said plan prior to building permit approval. Refer to the *City of Roseville Addressing Guidelines*. (Building)

16. A separate Architectural Site Accessibility Plan which details the project's site accessibility information as required by California Title 24, Part 2 shall be submitted as part of the project Building Permit Plans. (Building)

17. For Multiple Building Complexes: As part of the required Architectural Site Accessibility Plan, the developer shall delineate the extent of the site accessibility improvements being installed as part of the initial improvements for the project, and those that are planned to be developed as part of subsequent phases (i.e. around future pad buildings). (Building)

18. Building permit plans shall comply with all applicable code requirements (California Building Code – CBC – based on the International Building Code, California Green Building Standards Code–CGBSC, California Mechanical Code – CMC – based on the Uniform Mechanical Code, California Plumbing Code – CPC – based on the Uniform Plumbing Code, California Fire Code – CFC – based on the International Fire Code – with City of Roseville Amendments – RFC, California Electrical Code – CEC – based on the National Electrical Code, and California Energy Standards – CEC T-24 Part 6), California Title 24 and the American with Disabilities Act - ADA requirements, and all State and Federally mandated requirements in effect at the time of submittal for building permits (contact the Building Division for applicable Code editions). (Building)

19. For restaurants, other food services, or commercial swimming pools: The developer shall obtain all required approvals and permits from the Placer County Health Department and the City of Roseville Industrial Waste Division. (Building, Environmental Utilities)

20. Maintenance of copy of building plans: Health and Safety Code section 19850 requires the building department of every city or county to maintain an official copy of the building plans for the life of the building. As such, each individual building shall be submitted as a separate submittal package.

Building plan review, permit issuance and archiving is based on each individual building address. (Building)

21. For all work to be performed off-site, permission to enter and construct shall be obtained from the property owner, in the form of a notarized right-of-entry. Said notarized right-of-entry shall be provided to Development Services – Engineering Division prior to approval of any plans. (Engineering)

22. The Improvement Plans shall include a complete set of Landscape Plans. The Landscape Plans shall be approved with the Improvement Plans. (Planning, Engineering, Fire, Environmental Utilities, Electric)

23. A note shall be added to the grading plans that states:

    *"Prior to the commencement of grading operations, the contractor shall identify the site where the **excess/borrow** earthen material shall be imported/deposited. If the **borrow/deposit** site is within the City of Roseville, the contractor shall produce a report issued by a geotechnical engineer to verify that the exported materials are suitable for the intended fill, and shall show proof of all approved grading plans. Haul routes to be used shall be specified."* (Engineering)

24. All proposed driveways shall be Type A7 and 35' minimum in width. (Engineering)

25. Bike parking and electric vehicle parking spaces shall be provided per the California Green Building Standards. Carpool spaces shall also be provided per the City of Roseville's Transportation System Management (TSM) Ordinance, R.M.C Chapter 11.33. Bike rack/locker design and designated parking space markings and location shall be approved by Alternative Transportation. (Alternative Transportation, Building).

26. All storm drainage, including roof drains, shall be collected on site and treated with Best Management Practices (BMP's) per the City's Stormwater Quality Design Manual**,** which includes trash capture requirements. All storm water shall be routed to the nearest existing storm drain system or natural drainage facility. Drain outfalls shall extend down to the receiving water and shall be constructed with adequate velocity attenuation devices. The grading/improvement plans for the site shall be accompanied with a shed map that defines that area tributary to this site and all drainage facilities shall be designed to accommodate the tributary flow. The storm drain system and proposed BMP's shall be privately owned and maintained by the property owner. Prior to the issuance of any permits, the owner shall provide a plan for the maintenance of the proposed BMP's. (Engineering)

27. Prior to the approval of the Improvement Plans, the project proponent shall provide proof of preparation and submittal of a Storm Water Pollution Prevention Plan (SWPPP) to the Regional Water Quality Control Board (RWQCB). Proof shall be in the form of the Waste Discharge Identification Number (WDID#), provided to the applicant from RWQCB, placed on the coversheet of the improvement plans. Upon approval of the improvement plans, a copy of the SWPPP shall be required onsite and available for viewing by City inspection staff upon request. (Engineering)

28. Sight distances for all driveways shall be clearly shown on the improvement plans to verify that minimum standards are achieved. It will be the responsibility of the project proponent to provide appropriate landscaping and improvement plans, and to relocate and/or modify existing facilities as needed to meet these design objectives. (Engineering)

29. The applicant shall remove and reconstruct any existing damaged curb, gutter, and sidewalk along the property frontage. During plan check of the improvement plans and/or during inspection, Development Services – Engineering will designate the exact areas to be reconstructed. Any existing public facilities damaged during the course of construction shall be repaired by the property owner and at the property owner's expense, to the satisfaction of the City. (Engineering)

30. Prior to the approval of the improvement plans, it will be the project proponent's responsibility to pay the standard City Trench Cut Recovery Fee for any cuts within the City streets that are required for the installation of underground utilities. (Engineering)

31. Prior to the issuance of building permits, the property owner shall pay into the following fee programs: Citywide Drainage Fee, Citywide Traffic Mitigation Fee (TMF), Highway 65 Joint Partners Association (JPA), South Placer Regional Transportation Authority (SPRTA), and City/County Fee. (Engineering)

32. The applicant/developer shall prepare a Transportation Systems Management (TSM) Plan for the Foothills Commerce Center Phase III to be reviewed and approved by staff. (Alternative Transportation)

33. Prior to the issuance of a grading permit or approval of Improvement Plans, the grading plans shall clearly identify all existing water, sewer and recycled water utilities within the boundaries of the project (including adjoining public right of way). Existing utilities shall be identified in plan-view and in profile-view where grading activities will modify existing site elevations over top of or within 15 feet of the utility. Any utilities that could potentially be impacted by the project shall be clearly identified along with the proposed protection measures. The developer shall be responsible for taking measures and incurring costs associated with protecting the existing water, sewer and recycled water utilities to the satisfaction of the Environmental Utilities Director. (Environmental Utilities)

34. The applicant shall pay all applicable water and sewer fees. (Environmental Utilities)

35. Water and sewer infrastructure shall be designed pursuant to the adopted City of Roseville Improvement Standards and the City of Roseville Construction Standards and shall include:

    a. Utilities or permanent structures shall not be located within the area which would be disturbed by an open trench needed to expose sewer trunk mains deeper than 12 feet unless approved by Environmental Utilities in these conditions. The area needed to construct the trench is a sloped cone above the sewer main. The cone shall have 1:1 side slopes.

    b. Water, sewer and recycled mains shall not exceed a depth of 12 feet below finished grade, unless authorized in these conditions of approval.

    c. All sewer manholes shall have all-weather, 10-ton vehicle access unless otherwise authorized by these conditions of approval. (Environmental Utilities)

36. Trash enclosures, recycling areas, and enclosure approaches shall be designed to current Refuse Division specifications, the materials and colors shall match the building, and the location of such facilities shall be reviewed and approved by the Refuse Division, Planning and the Fire Department. The enclosure must have inside dimensions of 12 feet wide and 9 feet deep and be built to the specifications of the Solid Waste Department's Enclosure Description. (Refuse, Planning, Fire)

37. Access to trash enclosures shall have an inside turning radius of 25 feet and an outside turning radius of 45 feet must be maintained to allow the refuse truck access to and from the enclosure. Enclosures must have a clear approach of 65 feet in front of the enclosure to allow servicing bins. (Refuse)

38. A trash enclosure and recycling enclosure is required for each building and each tenant, otherwise, the building owner is responsible for the trash service. (Refuse)

39. The design and installation of all fire protection equipment shall conform to the California Fire Code and the amendments adopted by the City of Roseville, along with all standards and policies implemented by the Roseville Fire Department. (Fire)

40. The applicable codes and standards adopted by the City shall be enforced at the time construction plans have been submitted to the City for permitting. (Fire)

41. The Electric Department requires the submittal of the following information in order to complete the final electric design for the project:

    a. one (1) set of improvement plans

    b. load calculations

    c. electrical panel one-line drawings

42. All on-site external lighting shall be installed and directed to have no off-site glare. Lighting within the parking areas and pedestrian walkways shall provide a maintained minimum of one (1) foot-candle, and 0.5 foot-candle of light, respectively. All exterior light fixtures shall be vandal resistant. (Planning, Police)

43. The parking lot shall have properly posted signs that state the use of the parking area is for the exclusive use of employees and customers of this project. (See California Vehicle Code Sections 22507.8, 22511.5, 22511.8, 22658(a), and the City of Roseville Municipal Code Section 11.20.110). The location of the signs shall be shown on the approved site plan. (Planning, Police)

44. It is the developer's responsibility to notify PG&E of any work required on PG&E facilities. (PG&E)

DURING CONSTRUCTION & PRIOR TO ISSUANCE OF OCCUPANCY PERMITS:

45. Any backflow preventers visible from the street shall be painted green to blend in with the surrounding landscaping. The backflow preventers shall be screened with landscaping and shall comply with the following criteria:

    a. There shall be a minimum clearance of four feet (4'), on all sides, from the backflow preventer to the landscaping.

    b. For maintenance purposes, the landscaping shall only be installed on three sides and the plant material shall not have thorns.

    c. The control valves and the water meter shall be physically unobstructed.

    d. The backflow preventer shall be covered with a green cover that will provide insulation. (Planning, Environmental Utilities)

46. The following easements shall be provided by separate instrument and shown on the site plan, unless otherwise provided for in these conditions:

    a. Additional internal easements will be required to cover primary electrical facilities to the project when the final electrical design is completed. (Electric)

47. Easement widths shall comply with the City's Improvement Standards and Construction Standards. Separate document easements required by the City shall be prepared in accordance with the City's "Policy for Dedication of Easements to the City of Roseville". All legal descriptions shall be prepared by a licensed land Surveyor. All existing public utility, electric, water, sewer and reclaimed water easements shall be maintained unless otherwise authorized by these conditions of approval. (Engineering, Environmental Utilities, Electric)

48. Inspection of the potable water supply system on new commercial/industrial/office projects shall be as follows:

    a. The Environmental Utilities Inspector will inspect all potable water supply up to the downstream side of the backflow preventer.

b. The property owner/applicant shall be responsible for that portion of the water supply system from the backflow preventer to the building. The builder/contractor shall engage a qualified inspector to approve the installation of this portion of the water supply. The Building Division will require from the builder/contractor, a written document certifying that this portion of the potable water supply has been installed per improvement plans and in accordance with the Uniform Plumbing Code. This certificate of compliance shall be submitted to the Building Division before a temporary occupancy or a building final is approved.

c. The building inspectors will exclusively inspect all potable water supply systems for the building from the shutoff valve at the building and downstream within the building. (Building, Environmental Utilities)

49. All improvements being constructed in accordance with the approved grading and improvement plans shall be accepted as complete by the City. (Engineering)

50. The words "traffic control appurtenances" shall be included in the list of utilities allowed in public utilities easements (PUE's) located along public roadways. (Engineering)

51. Water, sewer and reclaimed water shall be constructed pursuant to the adopted City of Roseville Improvement Standards and the City of Roseville Construction Standards. (Environmental Utilities)

52. All water backflow devices shall be tested and approved by the Environmental Utilities Department. (Environmental Utilities)

53. All Electric Department facilities, including streetlights where applicable, shall be designed and built to the "City of Roseville Specifications for Commercial Construction." (Electric)

54. The City of Roseville Electric Department has electrical construction charges which are to be paid by the developer and which are explained in the City of Roseville "Specification for Commercial Construction." These charges will be determined upon completion of the final electrical design. (Electric)

55. Any relocation, rearrangement, or change of existing electric facilities due to this development shall be at the developer's expense. (Electric)

56. Any facilities proposed for placement within public/electric utility easements shall be subject to review and approval by the Electric Department before any work commences in these areas. This includes, but is not limited to, landscaping, lighting, paving, signs, trees, walls, and structures of any type. (Electric)

57. All electric metering shall be directly outside accessible. This can be accomplished in any of the following ways:

a. Locate the metered service panel on the outside of the building.

b. Locate the metered service panel in a service room with a door that opens directly to the outside. The developer will be required to provide a key to the door for placement in a lock box to be installed on the outside of the door. Any doors leading from the service room to other areas of the building shall be secured to prohibit unauthorized entry. (Electric)

58. It is the responsibility of the developer to ensure that all existing electric facilities remain free and clear of any obstruction during construction and when the project is complete. (Electric)

59. The existing conduits, conductors and pad vault located in the existing PUE between Lots 1 and 2 will need to be relocated and a new PUE dedicated. (Electric)

60. Developer will be responsible for installing new infrastructure adjacent to Lot 3 within the existing PUE along Winding Creek Road. (Electric)

OTHER CONDITIONS OF APPROVAL:

61. Signs shown on the elevations are not approved as part of the Design Review Permit. A Sign Permit is required for all project signs. (Planning)

62. Following the installation of the landscaping, all landscape material shall be maintained in a healthy and weed-free condition; dead plant material shall be replaced immediately. All trees shall be maintained and pruned in accordance with the accepted practices of the International Society of Arboriculture (ISA). (Planning)

63. The City reserves the right to restrict vehicle turning movements within the public right-of-way in the future if deemed necessary by the City Engineer. (Engineering)

64. The required width of fire apparatus access roads shall not be obstructed in any manner, including the parking of vehicles. Minimum required widths and vertical clearances established by the Fire Code shall be maintained at all times during construction. Closure of accesses for fire apparatus by gates, barricades and other devices shall be prohibited unless approved by the Fire Chief. (Fire)

65. Temporary aboveground storage tanks may be used at construction sites for diesel fuel only and shall not exceed 1,000 gallon capacity. Tanks shall comply with all provisions found within the Fire Code. A Fire Department Permit shall be obtained prior to tank installation. The permit shall expire after 90 days from the date of issuance, unless extended by the Fire Chief. (Fire)

66. If site survey or earth moving work results in the discovery of hazardous materials in containers or what appears to be hazardous wastes released into the ground, the contractor or person responsible for the building permit must notify the Roseville Fire Department immediately. A representative from the Fire Department will make a determination as to whether the incident is reportable of not and if site remediation is required. (Fire)

67. The location and design of the gas service shall be determined by PG&E. The design of the gas service for this project shall not begin until PG&E has received a full set of City approved improvement plans for the project. (PG&E)

68. The project is subject to the noise standards established in the City's Noise Ordinance. In accordance with the City's Noise Ordinance, project construction is exempt between the hours of seven a.m. and seven p.m. Monday through Friday, and between the hours of eight a.m. and eight p.m. Saturday and Sunday, provided that all construction equipment shall be fitted with factory installed muffling devices and be maintained in good working order. (Building)

69. The developer (or designated consultant) shall certify that the building foundation location has been placed according to all approved setback requirements shown on the approved site plan. The developer shall prepare a written statement confirming building placement and provide an original copy to the City Building Division Field Inspector at the time of or prior to the foundation inspection. (Building)

70. Prior to Certificate of Occupancy, the applicant may apply for a Temporary Certificate of Occupancy (TCO) of the building. If a TCO is desired, the applicant must submit a written request to the Building Division a minimum of thirty (30) days prior to the expected temporary occupancy date and shall include a schedule for occupancy and a description of the purpose for the Temporary Certificate of Occupancy. (Building)

71. Concurrent with submittal for plan check and prior to a request for final building inspection, the applicant may request City approval of an occupancy phasing plan to allow individual or multiple building occupancies. This request shall be made in writing to the Building Division and shall include the following:

    a. A description of measures that will be undertaken to minimize conflict between residents/building occupants and construction traffic (e.g. fencing, etc.);

    b. A phasing plan showing the proposed buildings, internal roads and access routes, landscaping, trash enclosure locations, and any other improvements planned for each phase; and

    c. An estimated time frame for each phase and a specific date for the first phase. (Planning, Building)

CONDITIONS OF APPROVAL FOR THE LOT LINE ADJUSTMENT – FILE #PL24-0982

1. The Lot Line Adjustment is approved as shown in Exhibit C. (Planning, Engineering)

2. The following shall be submitted to Engineering prior to recordation of the Lot Line Adjustment:

    a) Two copies of property boundary description with exhibit map (8.5" x 11" sheet), and one copy of boundary closure calculations for resulting lots. These items shall be stamped and signed by a California Licensed Land Surveyor or Registered Civil Engineer authorized to practice land surveying.

    b) One copy of the Conditions of Approval.

    c) A completed Property Owner Consent Form.

    d) Deed to convey interest in the property.

    e) Preliminary title report no older than six months for all properties involved. (Engineering)

3. If surveying monuments are placed as a result of this Property Line Adjustment, it will be the responsibility of the Surveyor to record a Record of Survey with the County Recorder's Office. (Engineering)

4. All existing easements shall be maintained, unless otherwise provided for in these conditions. (Environmental Utilities, Electric, Engineering)

5. The applicant will need to process multiple public utility easements as well as a storm drain easement for abandonment. Additionally, the applicant shall provide the relocation of these facilities and the corresponding new easements by separate document. (Engineering)

6. The applicant shall submit to the Development Services Engineering a paper copy and an electronic copy of the recorded Lot Line Adjustment per the "Digital Submittal of Cadastral Surveys." (Environmental Utilities)

7. Prior to recordation of the Lot Line Adjustment, the applicant shall pay the City's surveyor's processing and consulting fee of $125. (Engineering)

8. A declaration of Conditions, Covenants and Restrictions (CC&Rs), in a form approved by the City Attorney, shall be submitted prior to recordation of the Lot Line Adjustment. The CC&Rs shall include the following item(s):

a) A clause stating that the property owners within this subdivision shall agree to participate in a Transportation Systems Management (TSM) Plan and shall agree to enter into a Transportation Management Agreement with the City of Roseville.

b) A clause prohibiting the amendment, revision or deletion of any sections in the CC&Rs required by these conditions of approval without the prior written consent of the City Attorney.

c) A clause excluding any property owned by the City from the terms of the CC&Rs. (Attorney)

d) The developer shall disclose to all residential and nonresidential buyers that the Property will be served by-both surface water and groundwater supplies and that variations in the appearance, taste and color of water may be noticed from time to time and include such disclosure in the CC&Rs for the Property. The disclosure shall describe the location of the groundwater well. For infill projects this is not applicable. (Engineering)

e) The developer shall disclose to all buyers that recycled water shall be used for irrigation of parks and landscape corridors, medians, paseos adjacent to collector streets and other landscape areas, including all multi-family and non-residential landscaping uses. Such disclosure shall be included in the CC&Rs for all residential buyers and other recorded notice instrument for all non-residential buyers. For infill projects this is not applicable. (Engineering)

OTHER CONDITIONS IF NEEDED TO RELOCATE FACILITIES AND EASEMENTS

9. Separate document easements required by the City shall be prepared in accordance with the City's "Policy for Dedication of Easements to the City of Roseville". All legal descriptions shall be prepared by a licensed land Surveyor. (Environmental Utilities, Electric, Engineering)

10. Prior to recordation of the Lot Line Adjustment, any necessary facilities shall be relocated and reconstructed to meet the City's current Improvement Standards and Construction Standards by the applicant. (Engineering, Environmental Utilities, Electric)

11. Any relocation, rearrangement, or change to existing City facilities due to this Lot Line Adjustment shall be paid for by the applicant. (Engineering, Environmental Utilities, Electric)

12. All existing buildings shall conform to Table 5A of the Uniform Building Code (UBC) with regard to the minimum distance to the property line. (Building)

13. Any structures crossing the adjusted parcel lines shall be removed prior to recordation of the Lot Line Adjustment documents. (Building, Engineering)

EXHIBIT

A. Addendum & Checklist
B. Plans
C. Lot Line Adjustment Exhibit

Note to Applicant and/or Developer: Please contact Planning Division staff at (916) 774-5276 prior to the Design Committee meeting if you have any questions on any of the recommended conditions for your project. If you challenge the decision of the Design Committee in court, you may be limited to raising only those issues which you or someone else raised at the public hearing held for this project, or in written correspondence delivered to the Planning Manager at, or prior to, the public hearing.

CITY OF ROSEVILLE CALIFORNIA

DEVELOPMENT SERVICES DEPARTMENT–PLANNING DIVISION

311 Vernon St, Roseville, CA 95678 (916) 774-5276

ADDENDUM TO THE FOOTHILLS BUSINESS PARK ANNEXATION PROJECT EIR (SCH # 2000022007, CERTIFIED ON SEPTEMBER 13, 2000)

Project Title/File Number:	Foothills Commerce Center Project (formerly, Foothills Business Park Annexation Project)
Project Location:	Approximately 65-acre property in the northern portion of the City of Roseville, near the border of unincorporated Placer County. Approximately 29 acres of the property would be developed as part of the Foothills Commerce Center Project. (The additional 36 acres would be developed as part of a future project phase.) The property is accessible via the Blue Oaks Boulevard/Washington Boulevard exit of State Route 65 and also abuts the terminus of Foothills Boulevard.
Project Description:	The applicant requests approval of a Design Review Permit Easement Abandonment and Lot Line Adjustment. The project includes development of approximately 361,000 sq ft of the property with light industrial, as well as research and development uses, as envisioned in the 2000 Foothills Business Park Annexation EIR. Four buildings would be constructed, with a 50-foot maximum height allowed and floor areas ranging in size from approximately 59,000 sq ft to approximately 152,000 sq ft, as well as landscaping, circulation improvements, parking, and utility extensions.
Project Applicant:	Mark IV Capital
Property Owner:	Mark IV Capital
Lead Agency Contact:	Escarlet Mar, Associate Planner, 916-774-5247

An Addendum to a previously certified environmental impact report may be prepared for a project if only minor technical changes or additions are necessary or none of the conditions calling for the preparation of a subsequent EIR have occurred (California Environmental Quality Act Guidelines [CEQA] Section 15164). Consistent with CEQA Guidelines Section 15164, the below analysis has been prepared in order to demonstrate that none of the conditions described in Section 15162 of the CEQA Guidelines calling for preparation of a subsequent EIR have occurred. CEQA Guidelines Section 15164 also states that an addendum need not be circulated for public review but can be included in or attached to final EIR for consideration by the hearing body. This Addendum focuses only on those aspects of the project or its impacts which require additional discussion.

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PROJECT DESCRIPTION

The Foothills Commerce Center Project (project modifications) is an element of the Foothill Business Park Annexation Project and is within the scope of activities covered in the environmental impact analysis in the 2000 EIR. Mark IV Capital, Inc. (project applicant) proposes to continue development of the Foothill Business Park Annexation Project, which would be a light industrial development in the City of Roseville, California. This chapter includes a detailed description of the project modifications, including project objectives, location, description of proposed development, consistency with the General Plan and zoning, and potential permits and approvals required.

Finally, this chapter includes a list of mitigation measures that were adopted when the 2000 EIR was certified and would be applicable to the mitigation of impacts associated with the project modifications, as well as a list of project commitments that are consistent with and implement the 2000 EIR mitigation measures.

Project Location

The Foothill Business Park Annexation Project is located on an approximately 65-acre property in the northern portion of the City of Roseville, near the border of unincorporated Placer County (Figure 2-1). Approximately 29 acres of the property would be developed as part of the project modifications. The property is accessible via the Blue Oaks Boulevard/Washington Boulevard exit of State Route 65 and also abuts the terminus of Foothills Boulevard. Union Pacific Railroad tracks border the eastern portion of the property.

Surrounding uses include light industrial buildings for construction supply, a fitness center, a faith-based community organization, and a manufacturer.

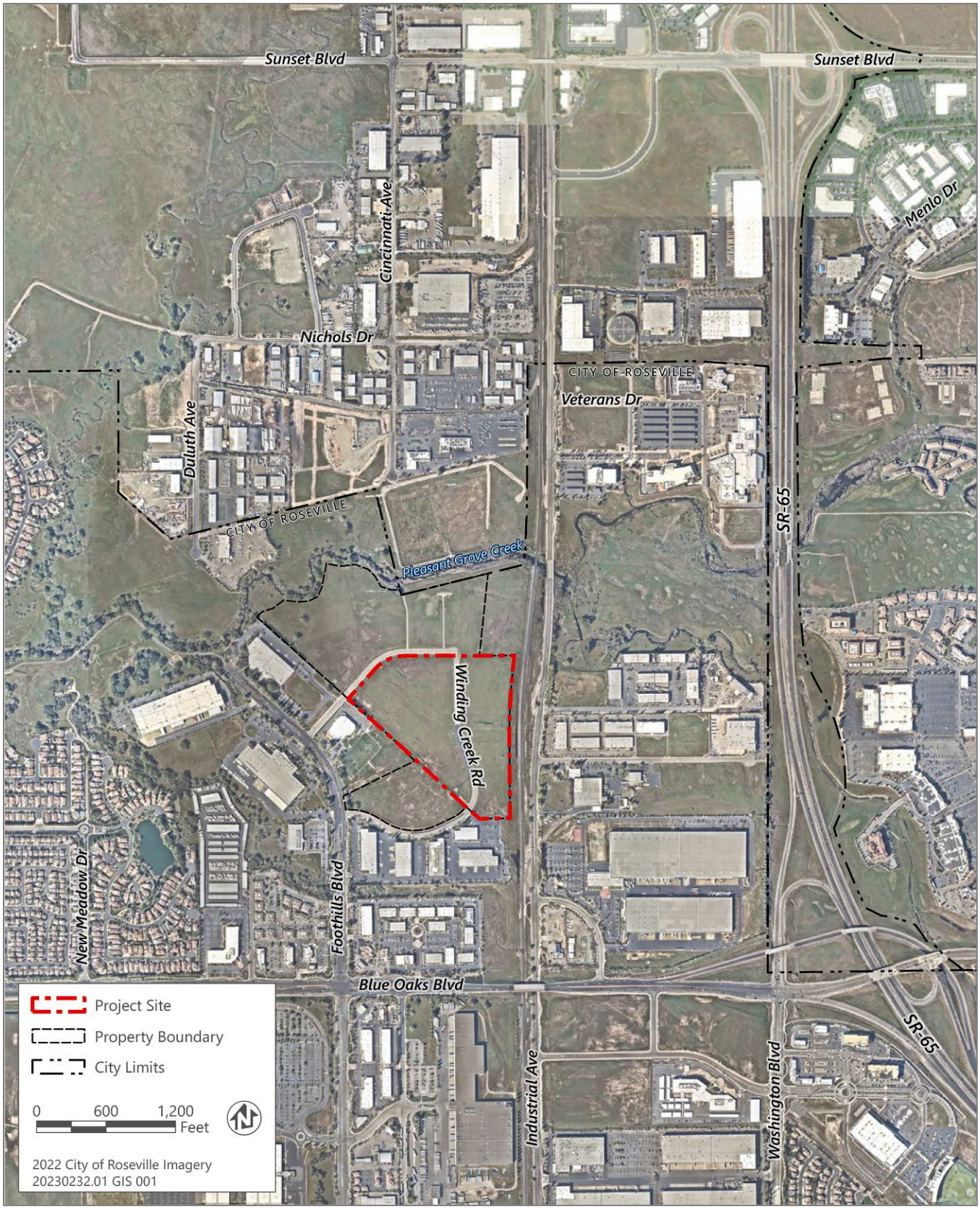
Project Background

The City prepared an environmental impact report (EIR) to analyze the environmental effects of the Foothill Business Park Annexation Project and certified the EIR in September 2000 (State Clearinghouse No. 2000022007). The EIR notes that up to “883,906 square feet of light industrial uses and associated parking” would ultimately be developed. In addition to EIR certification, the City approved a General Plan Amendment, Rezone/Prezone for Annexation, and a Development Agreement. Following subsequent approvals, other authorizations, and permitting, a 20,000-sq ft industrial office/warehouse building, storage yard, and parking were constructed in 2008 and are operational. The remainder of the approved Foothill Business Park Annexation Project was not constructed (863,906 sq ft remaining).

The project applicant proposes to develop approximately 361,000 sq ft of the property with light industrial, as well as research and development uses, as envisioned in the 2000 EIR; this is the subject of this document.

Project Objectives

- Consistent with the objectives identified in the 2000 EIR, the objectives of the project modifications are to:
- provide additional employment opportunities within the City;
- increase economic activity and value in the City by providing additional industrial development; and
- provide access, infrastructure, and municipal services to the site in an efficient manner for purposes of development.



Source: Adapted by Ascent in 2024.

Figure 2-1 Project Location

Summary of the Project

Proposed Land Use Plan

The Foothills Commerce Center Project would include development of office and warehouse buildings totaling approximately 361,000 sq ft to support light industrial, as well as research and development uses. Four buildings would be constructed, with a 50-foot maximum height allowed and floor areas ranging in size from approximately 59,000 sq ft to approximately 152,000 sq ft, as well as landscaping, circulation improvements, parking, and utility extensions. Figure 2-2 provides a conceptual site plan and Table 2-1 identifies the proposed building sizes, floor area ratios, and parking.

Table 2-1 Proposed Buildings

	Building 1	Building 2	Building 3	Building 4	Trailer Lot	Total
Site Area						
Square Feet	239,963	299,145	381,103	262,296	85,585	1,268,092
Acres	5.51	6.87	8.75	6.02	1.96	29.11
Building Area						
Office	22,500	5,000	15,000	8,000	--	50,500
Warehouse	36,374	83,287	137,007	53,567	--	310,235
Total	58,874	88,287	152,007	61,567	--	360,735
Floor Area Ratio	0.244	0.295	0.328	0.234	--	--
Parking						
Auto	160	87	240	121	--	608
Trailer	0	44	0	0	44	88
Maximum Building Height Allowed	50 feet	50 feet	50 feet	50 feet	--	50 feet

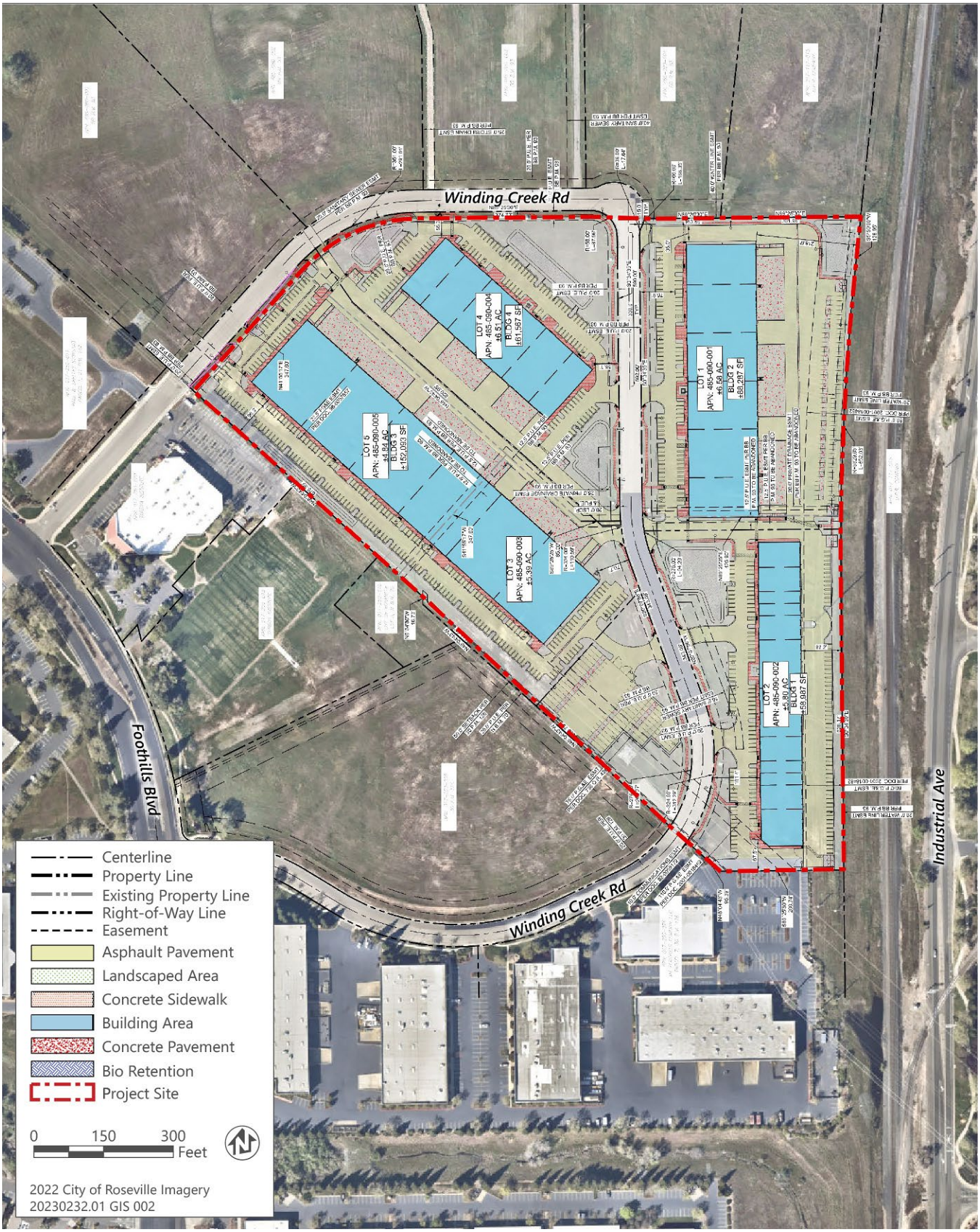
Source: Information provided by Mark IV Capital in 2025.

Landscaping

Landscape setbacks would be provided around the perimeter of the site as a buffer along Winding Creek Road, Union Pacific Railroad tracks, and the neighboring development. Landscaping is proposed to include primarily low water-use trees, shrubs, and ground cover; no turf is proposed.

Lighting

A lighting plan would be prepared for the project modifications and will conform with the City's Community Design Guidelines, and specifically for Office and Industrial Development. Lighting sources would have cut off lenses and would be located to avoid light spillage and glare on adjacent properties and in private spaces.



Source: Provided by Mark IV in 2025; adapted by Ascent in 2025.

Figure 2-2 Conceptual Site Plan

Circulation and Parking

The main entry to the project site would be from Foothills Boulevard to Winding Creek Road, as shown in Figure 2-2. There would be driveways along Winding Creek Road and an internal vehicular circulation system that would provide access to a surface parking lot as shown in Figure 2-2. The buildings are organized around a main driveway designed for large truck circulation, while pedestrian and vehicular paths circle the site perimeter. No improvements are proposed along Winding Creek Road.

The project modifications would include 696 total parking stalls, with 608 parking stalls for autos and 88 parking stalls for trailers (10 feet by 53 feet). The project modifications are being designed to accommodate different types of warehousing and light manufacturing tenants because actual tenants have not been identified yet. It is assumed that each tenant will have different employee counts and may therefore have parking needs beyond the City's minimum standards. Thus, the project modifications include more parking than required by the City code to account for this flexibility in design.

Utilities

Existing utility infrastructure is located within and along Winding Creek Road. Thus, the project modifications would require tie into the existing water, wastewater, stormwater, and electrical infrastructure to serve the future development of the site.

Water

Water service would be provided by the City of Roseville Environmental Utilities. An existing 12-inch public water main is located within Winding Creek Road along with several existing 8-inch water service laterals that have been stubbed to the project site for future tie-in connections. New onsite water systems and services including water meters, backflows, and reduced pressure devices for domestic, irrigation, and fire water would connect to the existing 8-inch service laterals. If additional water service connection points are required based on final site configurations, additional connections to the existing 12-inch water main in Winding Creek Road would be installed.

Specific water demands will depend on final site plans and specific uses for the project site. The project modifications are consistent with City Environmental Utility Design Standards and, therefore, it is anticipated that existing infrastructure is sufficient to support the project's needs. The City will provide a "will serve" letter after the Design Review Permit is approved.

It is anticipated that there is sufficient capacity to serve the proposed development without requiring upsizing to the existing 12-inch water main located in Winding Creek Road.

Wastewater

Wastewater service would be provided by the City of Roseville Environmental Utilities. The project's onsite sanitary sewer system is planned to consist of new 4-inch to 8-inch sanitary sewer mains. The onsite sewer is planned to connect into the existing 10-inch to 12-inch public sewer main located in Winding Creek Road.

Specific wastewater demands will depend on final site plans and specific uses for the project site. The project modifications are consistent with Environmental Utility Design Standards and, therefore, it is anticipated that existing infrastructure is sufficient to support the project's needs. The City will provide a "will serve" letter after the Design Review Permit is approved.

It is anticipated that there is sufficient capacity in the existing sanitary sewer main located in Winding Creek Road to serve the project modifications; therefore, no upsizing of the existing sewer system is proposed.

Stormwater

The project site is located within the Pleasant Grove Creek watershed, which is located within the larger Natomas Cross Canal watershed of northwestern Placer County and southeastern Sutter County. The Pleasant Grove Creek watershed drains to the Pleasant Grove Canal, to the Natomas Cross Canal, and then to the Sacramento River. Pleasant Grove Creek is located to the north of the property.

The addition of proposed buildings and paved parking lots would add impervious surfaces to the project site. Onsite stormwater runoff would generally be collected via overland sheet flows and directed through gutters into drainage inlets throughout the project site. These onsite drainage inlets would convey collected stormwater runoff through an underground storm drain system that discharges into detention basins located throughout the project site. The underground storm drain system would consist of pipes ranging in size from approximately 6 inches up to 36 inches in diameter. These pipes would discharge stormwater into onsite detention basins located throughout the project site, intended for both treatment and hydromodification/peak flow detention purposes. The onsite detention basins would then discharge stormwater flows into the existing public storm drain system located in Winding Creek Road and would ultimately convey those flows to the northern boundary of the project site to an outfall at Pleasant Grove Creek.

The onsite drainage system would be designed in accordance with the latest version of the City of Roseville Design Standards and the Placer County Flood Control and Water Conservation District's "Stormwater Management Model." The on-site storm drains would be designed for the 10-year storm event, and the overland releases would be designed for the 100-year storm event.

Electricity And Natural Gas

Electrical service would be provided by Roseville Electric. Existing underground electric/joint trench improvements and existing above ground electrical transformers are located underneath and along Winding Creek Road, respectively. Additionally, existing streetlights are located along the project frontages along Winding Creek Road. Onsite electrical improvements such as site lighting and new underground electric and joint trench improvements would tie into the existing infrastructure along Winding Creek Road.

The project modifications would not require natural gas service.

Solid Waste

Solid waste collection services would be provided by the City of Roseville. Solid waste from the project site delivered to the Western Regional Sanitary Landfill, which is operated by the Western Placer Waste Management Authority. The project modifications are expected to result in 288 new employees. Assuming a solid waste generation rate of 8.2 pounds per day (ppd) per employee consistent with the City of Roseville General Plan 2035 EIR (City of Roseville 2020), the project would generate approximately 2,362 ppd or 1.1 tons per day of solid waste.

Project Construction

Construction is anticipated to begin in 2025 and be complete in 2026. Occupancy is projected to occur in 2026.

Construction hours would be 7:00 a.m. to 7:00 p.m. Monday through Friday. Construction could also occur 8:00 a.m. to 8:00 p.m. on Saturdays and Sundays on an as-needed basis. Special permission from the City of Roseville Building Division would be required prior to allowing nighttime construction, per Section 9.24.160 of the Municipal Code. Per the City's Noise Ordinance, all construction equipment would be fitted with factory installed muffling devices and all construction equipment will be maintained in good working order.

There would be a range of 25–50 construction workers onsite for a given shift. Access during construction would be from Blue Oaks Boulevard.

Construction activities and general sequencing would be as follows: installation of stormwater pollution prevention plan best management practices (BMPs); clear and grub; mass grading and soil stabilization; installation of footings, slab, wall panels, roof structure; installation of mechanical, electrical, and plumbing infrastructure and building envelope and finishes; installation of underground wet and dry utilities, hardscape/paving, and irrigation and landscaping.

The type and quantity of equipment would fluctuate throughout construction, but would generally include earthmoving equipment (scrapers, dozers, excavators); concrete mix trucks and concrete pumps; a crane for erection of panels; semi-trucks and other trucks for deliveries; and a variety of crew trucks, gradealls, boom lifts, scissor lifts, trenchers, generators, and personal autos.

Building materials and equipment would be staged in various locations on the project site throughout the duration of construction and would vary as the project is constructed.

Project Operation

The project modifications would support light industrial, as well as research and development uses; however, actual tenants are not known yet. On-site equipment (e.g., forklifts, yard trucks) would likely be a mixture of gas and electric. At full buildout, it is assumed that there would be 1 employee per 1,250 sq ft or 288 employees.

Operational hours would vary based on the actual tenants but typical operational hours would be 6:00 a.m. to 8:00 p.m. Some businesses may need to operate outside these typical hours, including potentially 24 hours per day.

Project Consistency with General Plan and Zoning

The City's current General Plan and Zoning Designations for the property are Light Industrial (LI and M1). The Light Industrial land use designation allows for uses such as research and development, warehousing, intensive commercial uses (e.g., auto body repair, landscaping material sales, retail, and wholesale lumberyards), and associated administrative offices. M1 zoning allows for light manufacturing, printing and publishing, research, enclosed recycling, and light wholesale and distribution.

The project modifications would be consistent with the existing land use designation and zoning and would not require a General Plan amendment or rezoning.

Potential Permits and Approvals Required

Elements of the project modifications could be subject to permitting and/or approval authority of other agencies. As the lead agency pursuant to CEQA, the City is responsible for considering the adequacy of the CEQA document and determining if the project modifications should be approved. The City will be the permitting agency for the project modifications with regards to the Design Review and a Building Permit. Other potential permits required from other agencies could include:

<u>Federal</u>

- **US Army Corps of Engineers:** Compliance with Section 404 of the Clean Water Act for discharge of fill to Waters of the US.
- **US Environmental Protection Agency:** Concurrence with Clean Water Act Section 404 permit.

State

- **Central Valley Regional Water Quality Control Board:** National Pollutant Discharge Elimination System construction stormwater permit (Notice of Intent to proceed under General Construction Permit) for disturbance of more than 1 acre, discharge permit for stormwater, and Clean Water Act Section 401 water quality certification or waste discharge requirements.

Local

- **Placer County Air Pollution Control District:** Authority to Construct/Permit to Operate, and Air Quality Management Plan consistency determination.

Applicable 2000 EIR Mitigation Measures

The following mitigation measures were adopted upon approval of the 2000 EIR and would be applicable to the mitigation of impacts associated with the project modifications.

Air Quality

Mitigation Measure 4.6-1: Prepare a Construction Control Emissions Plan.

To reduce construction-generated particulate emissions, the contractor shall prepare a construction control Emissions Plan in consultation with the Placer County APCD that shall include the following requirements, if feasible.

(i) The project applicant shall submit a Construction Emission/Dust Control Plan to the Placer County Air Pollution Control District for approval prior to ground breaking.

(ii) The contractor shall water as indicated by City inspectors to keep all earth surfaces moist during clearing, grading, earthmoving, and other site preparation activities.

(iii) The contractor shall sweep streets within and adjacent to the project as needed or as directed by City inspectors.

(iv) The contractor shall schedule clearing, grading and earthmoving activities during periods of low wind speeds, and restrict those construction activities during high wind conditions (wind speeds greater than 20 mph average during an hour).

(v) The contractor shall not engage in open burning of wood or vegetative waste from project construction. This waste shall be chipped, mulched, and converted to biomass fuel.

(vi) The contractor shall use low nitrogen oxide equipment, if feasible.

(viii) The contractor shall maintain construction equipment per the manufacturer's guidelines.

Mitigation Measure 4.6-2: Prepare and Implement a Transportation Systems Management Plan.

Consistent with the City's Transportation Systems Ordinance, the project applicant shall prepare and implement a Transportation Systems Plan that includes measures intended to reduce reliance on single-occupancy vehicles. Such measures could include installing electric vehicle charging facilities, implementing employee trip reduction programs, or contributing to transit funding.

However, it is not anticipated that project emissions would be reduced below the air quality threshold by application of such measures.

Biological Resources

Mitigation Measure 4.3-1: Purchase credits in an approved wetland mitigation fund or other mitigation required by the 404 permit to ensure no net loss of wetlands.

The project site shall be permitted under the Clean Water Act Section 404 permit process prior to development. Mitigation would consist of acquiring credits from a wetlands mitigation bank approved by the US Army Corps of Engineers (USACE) and the US Fish and Wildlife Service (USFWS) or other mitigation deemed appropriate to ensure no net loss of wetlands and for the purposes of mitigating impacts on vernal pools, vernal pool crustaceans, and vernal pool plant species. The credits shall be in direct proportion to wetland losses on the property, including in-kind mitigation for vernal pools and their flora and fauna, as determined by a wetland or habitat delineation.

In the event this mitigation is implemented, the project applicant will incur no further obligation for surveys, monitoring, salvage notification or seedbank salvage, as required by the operation of the approved mitigation bank.

Mitigation Measure 4.3-2: Pre-construction surveys (Vernal pool crustaceans and plants).

The project applicant shall retain a qualified biologist to conduct pre-construction surveys during the appropriate time of year within vernal pools and seasonal wetlands on the project site to document the presence or absence of listed vernal pool crustaceans and plants. In the event that none of these species are present on site, there would be no impact, and the project applicant would incur no obligation for mitigating impacts to them. If listed vernal pool crustaceans and plants are present on site, the project applicant shall apply Mitigation Measure 4.3-1, above.

Mitigation Measure 4.3-3: Conduct pre-construction nest survey and implement appropriate restrictions.

To ensure that special-status, legally protected bird species are not injured or disturbed by construction in the vicinity of nesting habitat, the project applicant shall implement the following measures:

(a) When feasible, all tree removal shall occur between August 30 and March 15 to avoid the breeding season of any legally protected bird species that could be using the area, and to discourage birds from nesting in the vicinity of an upcoming construction area. This period may be modified with the authorization of CDFW, or

(b) Prior to the beginning of mass grading, during the period between March 15 to August 30, all trees within 350 feet of any grading or earthmoving activity shall be surveyed for active nests by a qualified biologist. If active nests are found, and the site is within 350 feet of potential construction activity, a fence shall be erected around the nest at a distance of up to 350 feet, depending on the species, from the edge of the canopy to prevent construction disturbance and intrusions on the nest area. The appropriate buffer shall be determined by the City. The City may consult with the California Department of Fish and Wildlife (CDFW) regarding the appropriate buffer distance.

(c) No construction vehicles shall be permitted within restricted areas, unless directly related to the management or protection of the legally protected species.

(d) In the event that a nest is abandoned, despite efforts to minimize disturbance, and if the nestlings are still alive, the developer shall contact CDFW and, subject to CDFW approval, fund the recovery and hacking (controlled release of captive reared young) of the nestling{s).

For tree and grassland removal, the following measure shall be implemented:

(e) If a legally protected species nest is located in a tree designated for removal, the removal shall be deferred until after August 30, or until the adults and young of the year are no longer dependent on the nest site as determined by a qualified biologist.

Mitigation Measure 4.3-4: Perform pre-construction surveys and ensure no net loss of significant biological resources.

If the construction of off-site infrastructure would occur in undeveloped areas, the City shall ensure that biological surveys and wetland delineations have been conducted that are appropriate to the habitats and species where the infrastructure will be located (e.g., appropriate time of year and proper survey protocols). Construction of infrastructure shall not begin until such surveys and wetland delineations have been completed, the appropriate agencies have been consulted, mitigation measures outlined, and permits (e.g. 404, 1603) obtained, as necessary. Mitigation for these potential impacts could include preservation, limited operating periods, or the purchase of mitigation credits through an agency-approved mitigation bank or in lieu fee program. Mitigation Measure 4.3-4 may be implemented through the proposed project, or other development projects where the infrastructure would be located.

Cultural Resources

Initial Study Mitigation Measure 3

In the event of the discovery of buried paleontological, archaeological or historic deposits, project activities in the vicinity of the find shall be temporarily halted and a qualified archaeologist consulted to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data recovery excavations. If human remains are found, the Placer County Coroner's Office shall be contacted immediately. The coroner shall contact the Native American Heritage Commission, which shall notify the appropriate descendant.

Geology and Soils

Initial Study Mitigation Measure 1

Prior to the commencement of any earthwork on the proposed project, a full-scale geotechnical investigation must be completed. The geotechnical investigation is to include:

- Soil borings;
- Laboratory testing; and
- Grading and design recommendations.

The grading and design recommendations should, at a minimum, address the following issues:

- Fill control plan;
- Expansive soils;
- Differential settlement;
- Slope instability;
- Foundation instability;
- Stream bank protection; and
- Other significant geological characteristics pertinent to proper development of the project site.

The geotechnical investigation shall consist of soil borings to collect samples and laboratory testing to determine the appropriate design parameters for use in determination of the structural fill, roadbed fill, and landscaping fill requirements, along with the fill placement requirements. The various soils should also be tested for corrosivity, to allow for proper foundation design.

The geotechnical evaluation shall also provide grading and design recommendations to address potential slope and foundation instability, stream bank protection and slope evaluation, expansive soils, and differential settlement. The report shall evaluate the soil types to test for shrink-swell potential to determine load bearing and strength concerns.

Design of engineered fills shall require that the geotechnical investigation assess the structural properties of each of the different soils types throughout the project site. Such an investigation would address specific areas of the project site to be developed in order to account for the various structures and roadways proposed for that particular area. In addition to evaluation for engineered fills, specific geotechnical evaluation of engineered slopes shall be included in the geotechnical evaluation. Any cut and/or fill slopes shall be evaluated for proper design in order to reduce the hazard of over-steepening and/or removing of their lateral support, both of which could lead to slope instability, structural failure, and landsliding. If necessary, slopes shall be designed with additional lateral support, such as buttressing. and fill slopes shall be properly keyed into competent formational materials.

Grading and fill placement shall be monitored and compaction testing should be performed to ensure proper placement of all fill types (structural, non-structural, and roadbed).

In addition to the measures mentioned above, soils shall be tested for their shrink-swell potential. Soils with low strength and/or high shrink-swell potential shall be controlled by over-excavation, or covering with a sufficient amount of granular soils (as determined by the geotechnical investigation). Potentially expansive soils shall only be placed in areas determined not to consist of structural fill.

The City of Roseville Department of Public Works Improvements Standards require that a grading permit be obtained prior to grading activities. At this time the Applicant must submit for review and approval, Improvement and/or Grading Plans along with a site-specific erosion and sedimentation control plan.

Initial Study Mitigation Measure 3

In the event of the discovery of buried paleontological, archaeological or historic deposits, project activities in the vicinity of the find shall be temporarily halted and a qualified archaeologist consulted to assess the resource and provide proper management recommendations. Possible management recommendations for important resources could include resource avoidance or data recovery excavations. If human remains are found, the Placer County Coroner's Office shall be contacted immediately. The coroner shall contact the Native American Heritage Commission, which shall notify the appropriate descendant.

<u>Hazards and Hazardous Materials</u>

Mitigation Measure 4.9-1: Remediate site hazards, if discovered.

If evidence of soil contamination or other evidence of hazardous materials is encountered during construction activities, work shall cease until the area can be tested, and, if necessary, remediated. As part of this process, the City shall ensure that any necessary investigation and/ or remediation activities conducted in the project area are coordinated with Roseville Fire Department; Placer County Division of Environmental Health, and, if needed, other appropriate state agencies. Once the site is remediated, construction can continue. The City shall also continue to update its records concerning contamination or hazards that may be present at facilities or sites adjacent to the project area, and take necessary action to ensure that the health and safety of the public is protected.

Public Services

Mitigation Measure 4.8-3: Comply with the City's fire flow standards.

The developer shall comply with the City's fire flow standards to ensure that regardless of which water purveyor serves the site, adequate water pressure exists.

Project Commitments

The following project commitments are consistent with and implement the 2000 EIR mitigation measures.

Air Quality

Construction Control Emissions Plan

Mitigation Measure 4.6-1 in the 2000 EIR requires the contractor to prepare a Construction Control Emissions Plan in consultation with the Placer County Air Pollution Control District (PCAPCD). Since certification of the 2000 EIR, PCAPCD has established a list of rules and regulations that all projects within the PCAPCD boundaries must abide by, which can be found in the PCAPCD CEQA Handbook. In compliance with current PCAPCD rule and regulations, the Construction Control Emissions Plan shall include the following, in addition to those requirements identified in Mitigation Measure 4.6-1:

- All on and off-road diesel equipment shall not idle for more than 5 minutes. Signs shall be posted in the designated queuing areas and/or job sites to remind drivers and operators of the 5 minute idling limit.
- Use Electrified equipment when feasible.
- Substitute gasoline-powered in place of diesel-powered equipment, where feasible.
- Use alternatively fueled construction equipment on-site where feasible, such as compressed natural gas (CNG), liquefied natural gas (LNG), propane or biodiesel.

Biological Resources

The project applicant will implement the following avoidance and minimization measures to limit or avoid impacts to special-status species and sensitive habitats.

Special-Status Plants

The 29-acre project site contains suitable habitat for big-scale balsamroot and stinkbells. The remainder of the study area contains suitable habitat for big-scale balsamroot, dwarf downingia, stinkbells, Boggs Lake hedge-hyssop, Ahart's dwarf rush, Red Bluff dwarf rush, legenere, pincushion navarretia, and Sacramento Orcutt grass within the non-native annual grassland and aquatic features. In accordance with Mitigation Measure 4.3-2 in the 2000 EIR, the below measures would be implemented to avoid potential impacts to these species. Because the EIR was drafted over 20 years ago, the below measures are updated to more current standards and recommendations but are based on the original measures included in the 2000 EIR.

- A qualified botanist will conduct a special-status plant survey within the appropriate identification (blooming) period prior to the initiation of any ground-disturbing activities. A survey conducted in May will satisfy the blooming period for all potential species. If no special-status plants are observed, a letter report documenting the survey results will be prepared and submitted to the project applicant and no further measures are required. An initial site visit was conducted in May 2023 and these species were not observed. However, a focused botanical inventory was not conducted as part of the initial site assessment. Focused botanical surveys within the 29-acre project site for big-scale balsamroot and stinkbells were conducted on April 11, 2024 and May 30, 2024, and these species were not observed.

- If special-status plants are observed within the study area, the location of the special-status plants will be marked with pin flags or other highly visible markers and may also be marked by GPS. The project applicant will determine if the special-status plant(s) onsite can be avoided by project design or utilize construction techniques to avoid impacts to the special-status plant species. All special-status plants to be avoided will have exclusion fencing or other highly visible material marking the avoidance area and the avoidance area will remain in place throughout the entire construction period.
- If special-status plants are found within the study area and cannot be avoided, the project applicant will consult with CDFW and/or USFWS as appropriate and depending on the status of the plant species in question, to determine appropriate measures to mitigate for the loss of special-status plant populations. These measures may include gathering seed from impacted populations for planting within nearby appropriate habitat, preserving or enhancing existing offsite populations of the plant species affected by the project, or restoring suitable habitat for special-status plant species habitat as directed by the regulatory agencies.

Swainson's Hawk

The non-native annual grassland provides suitable foraging habitat for this species and several trees within the 65-acre study area could support nesting. This species may also nest in trees adjacent to the 65-acre study area, especially along Pleasant Grove Creek. In accordance with Mitigation Measure 4.3-3 in the 2000 EIR, the below measures would be implemented to avoid potential impacts to Swainson's hawk:

- If construction activities will begin during the Swainson's hawk nesting season (March 20 to September 15), a qualified biologist will conduct at least the minimum number of surveys called for within at least two survey periods prior to the initiation of construction in accordance with the Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley (Swainson's Hawk Technical Advisory Committee 2000, as cited in HELIX 2024a) or the current CDFW-approved protocol. Current survey periods specified by the Guidelines are March 20 to April 5, April 5 to April 20, April 21 to June 10, and June 10 to July 30. All potential nest trees within 0.25-mile of the project site will be visually examined for potential Swainson's hawk nests, as accessible.
- If no active Swainson's hawk nests are identified on or within 0.25-mile of the proposed project, a letter report documenting the survey methodology and findings will be submitted to the project applicant and no additional mitigation measures are recommended.
- If active Swainson's hawk nests (a nest becomes active once the first egg is laid and remains active until the fledged young are no longer dependent on the nest [USFWS 2018, as cited in HELIX 2024a]) are found within 0.25-mile of the project footprint, a survey report will be submitted to CDFW, and an avoidance and minimization plan will be developed for approval by CDFW prior to the start of construction. The avoidance plan will identify measures to minimize impacts to the active Swainson's hawk nest depending on the location of the nest relative to the project footprint. These measures may include:
  - Conduct a worker awareness training program prior to the start of construction;
  - Establish a buffer zone and work schedule to avoid impacting the nest during critical periods. If possible, no work will occur within 200 yards of the nest while it is in active use. If work will occur within 200 yards of the nest, then construction will be monitored by a qualified biologist to ensure that no work occurs within 50 yards of the nest during incubation or within 10 days after hatching (Swainson's Hawk Technical Advisory Committee 2000, as cited in HELIX 2024a);
  - Have a biological monitor conduct regular monitoring of the nest during construction activities; and
  - Should the project biologist determine that the construction activities are disturbing the nest; the biologist will halt construction activities until the CDFW is consulted.

The 65-acre study area contains grassland habitat which provides suitable foraging habitat for Swainson's hawks. CDFW has provided guidelines for mitigating impacts to Swainson's hawk foraging habitat as summarized below (CDFW 1994, as cited in HELIX 2024a):

(a) Projects within 1 mile of an active nest tree shall provide:

- One acre of foraging habitat for each acre of development at a ratio of 1:1. Mitigated lands shall consist of 10 percent of the land requirements met by fee title acquisition or a conservation easement allowing for the active management of the habitat, and the remaining 90 percent of the land protected by a conservation easement on agricultural lands or other suitable habitats which provide foraging habitat for Swainson's hawk (grasslands, rangeland, etc.) and no requirements for active management of the habitat; or
- One-half acre of foraging habitat for each acre of development authorized at a ratio of 0.5:1. All the land requirements shall be met by fee title acquisition or a conservation easement, which allows for the active management of the habitat for prey production on the land. Prey abundance and availability is determined by land and farming patterns including crop types, agricultural practices, and harvesting regimes. Actively managed land for prey production may result in the land becoming less valuable for crop production due to management limitations but increases the value for Swainson's hawk through functional lift.

(b) Projects within 5 miles of an active nest tree but greater than 1 mile from the nest tree shall provide 0.75 acre of foraging habitat for each acre of urban development at a ratio of 0.75:1. All foraging habitat may be protected through fee title acquisition or conservation easement on agricultural lands or other suitable habitats.

(c) Projects within 10 miles of an active nest tree but greater than 5 miles from an active nest tree shall provide 0.5 acre of Habitat Management land for each acre of urban development at a ratio of 0.75:1. All foraging habitat may be protected through fee title acquisition or a conservation easement on agricultural lands or other suitable habitat.

The CEQA lead agency (City of Roseville) will make the final determination as to the extent of the project's impacts to Swainson's hawk foraging habitat and any appropriate mitigation that might be necessary associated with project development. Mitigation bank credits could also be used to satisfy Swainson's hawk mitigation requirements as approved by the lead agency as necessary.

Grasshopper Sparrow, White-Tailed Kite, and Other Special-Status Birds and Nesting Migratory Birds and Raptors

Special-status birds and migratory birds and raptors protected under federal, State, and/or local laws and policies have potential to nest and forage within the 65-acre study area including grasshopper sparrow and white-tailed kite. Although no active nests were observed during the field survey, the 65-acre study area and adjacent land contain suitable habitat to support a variety of nesting birds within trees, shrubs, structures, and on bare ground.

Active nests and nesting birds are protected by the California Fish and Game Code Sections 3503, 3503.5, and 3513 and the Migratory Bird Treaty Act (MBTA). Ground-disturbing and other development activities including grading, vegetation clearing, tree removal/trim, and construction could impact nesting birds if these activities occur during the nesting season (generally February 1 to August 31). In accordance with Mitigation Measure 4.3-3 in the 2000 EIR, the below measures would be implemented. To avoid impacts to nesting birds, all ground disturbing activity should be completed between September 1 and January 31, if feasible. If construction cannot occur outside of the nesting season, the following measures will be implemented:

- If construction activities occur during the nesting season, a qualified biologist will conduct a nesting bird survey to determine the presence of any active nests on the project site. Additionally, the surrounding 500 feet of the project site will be surveyed for active raptor nests, where accessible. The nesting bird survey will be conducted within 14 days prior to commencement of ground-disturbing or other development activities. If the nesting bird survey shows that there is no evidence of active nests, a letter

report will be prepared to document the survey and be provided to the project applicant and no additional measures are recommended. If development does not commence within 14 days of the nesting bird survey, or halts for more than 14 days, then an additional survey is required prior to starting or resuming work within the nesting season.
    - If active nests are found, the qualified biologist will establish a species-specific buffer to prohibit development activities near the nest to and minimize nest disturbance until the young have successfully fledged or the biologist determines that the nest is no longer active. Buffer distances may range from 30 feet for some songbirds up to 0.25 mile for Swainson's hawk. Nest monitoring may also be warranted during certain phases of construction to ensure nesting birds are not adversely impacted. If active nests are found within any trees slated for removal, an appropriate buffer will be established around the tree and all trees within the buffer should not be removed until a qualified biologist determines that the nest has successfully fledged and/or is no longer active.
- A qualified biologist will conduct environmental awareness training that is given to all onsite personnel prior to the initiation of work.
- If construction occurs outside of the nesting bird season (September 1 to January 31) a nesting bird survey and environmental training for nesting birds would not be required.

Cultural Resources

Accidental Discovery of Cultural Resources

In the event that cultural resources are exposed during ground-disturbing activities, construction activities shall be halted within 100 feet of the discovery. Cultural resources could consist of but are not limited to stone, bone, wood, or shell artifacts, or features, including hearths, structural remains, or historic dumpsites. If the resources cannot be avoided during the remainder of construction, the retained archaeologist, who meets the Secretary of the Interior's Professional Qualifications Standards, shall assess the resource and provide appropriate management recommendations. If the discovery proves to be eligible for the California Register of Historic Resources (CRHR) or the National Register of Historic Places (NRHP), additional work, such as data recovery excavation, may be warranted and shall be discussed in consultation with the lead agency.

Accidental Discovery of Human Remains

Although considered highly unlikely, there is always the possibility that ground-disturbing activities during construction may uncover previously unknown human remains. In the event of an accidental discovery or recognition of any human remains, Public Resources Code (PRC) Section 5097.98 must be followed. Once project-related earthmoving begins and if there is a discovery or recognition of human remains, the following steps shall be taken:

1. There shall be no further excavation or disturbance of the specific location or any nearby area reasonably suspected to overlie adjacent human remains until the County Coroner is contacted to determine if the remains are Native American and if an investigation of the cause of death is required. If the coroner determines the remains are Native American, the coroner shall contact the Native American Heritage Commission (NAHC) within 24 hours, and the NAHC shall identify the person or persons it believes to be the "most likely descendant" of the deceased Native American. The most likely descendant may make recommendations to the landowner or the person responsible for the excavation work, for means of treating or disposing of, with appropriate dignity, the human remains, and any associated grave goods as provided in PRC Section 5097.98, or

2. Where the following conditions occur, the landowner or their authorized representative shall rebury the Native American human remains and associated grave goods with appropriate dignity either in accordance with the recommendations of the most likely descendent or on the project area in a location not subject to further subsurface disturbance:

- The NAHC is unable to identify a most likely descendent or the most likely descendent failed to make a recommendation within 48 hours after being notified by the commission;
- The descendent identified fails to make a recommendation; or
- The landowner or his authorized representative rejects the recommendation of the descendent, and the mediation by the NAHC fails to provide measures acceptable to the landowner.

Geology and Soils

The geotechnical report provides several recommendations to address potential geologic and soil stability hazards (Terracon 2024). Because the site is relatively flat, it is recommended that cuts and fills to develop grades be four feet or less. In addition, as clays are sensitive to moisture variation, they should be moisture conditioned, and medium plasticity clays should not be used for slab on grade floor support. Further, excavation activities for purposes other than foundation construction and utility installation should be kept relatively minor, and shallow foundations are recommended for building support. Recommendations for pavement installation are also provided in the report. These recommendations will be implemented by the project applicant.

PURPOSE AND SCOPE OF ADDENDUM

This Addendum has been prepared to evaluate the potential environmental impacts of the above-described project. The document relies on previous environmental documents and site-specific studies prepared to address in detail the potential environmental impacts associated with the project as well as updated technical analyses, prepared by qualified consultants. This document has been prepared to satisfy the California Environmental Quality Act (CEQA) (Public Resources Code Section 21000 et seq.) and the State CEQA Guidelines (14 CCR 15000 et seq.). CEQA requires that all state and local government agencies consider the environmental consequences of projects over which they have discretionary authority before acting on those projects.

Where, as here, an EIR addressing an earlier version of the project has been previously prepared and certified, the lead agency considers the relevance of that prior EIR in light of the current modified version of the project and changed circumstances since the time of the preparation of the prior EIR. Pursuant to State CEQA Guidelines Sections 15162-15163, if the lead agency determines, based on substantial evidence, that new information of substantial importance, or changes to the project or surrounding circumstances will require major revisions to the previous EIR due either to a new significant effect or a substantial increase in the severity of a previously identified significant effect on the environment, the lead agency is required to prepare a Subsequent EIR or Supplemental EIR to analyze the project at hand. Pursuant to State CEQA Guidelines Section 15164, if the agency finds no basis for requiring the preparation of either a Subsequent EIR or Supplemental EIR, but some changes or additions are necessary, an Addendum shall be prepared.

As described above, the City prepared an EIR to analyze the environmental effects of the Foothill Business Park Annexation Project and certified the EIR in September 2000 (State Clearinghouse No. 2000022007). The EIR notes that up to “883,906 square feet of light industrial uses and associated parking” would ultimately be developed. In addition to EIR certification, the City approved a General Plan Amendment, Rezone/Prezone for Annexation, and a Development Agreement. Following subsequent approvals, other authorizations, and permitting, a 20,000-sq ft industrial office/warehouse building, storage yard, and parking were constructed in 2008 and are operational. The remainder of the approved Foothill Business Park Annexation Project was not constructed (863,906 sq ft).

The project applicant proposes to develop approximately 361,000 sq ft of the property with light industrial, as well as research and development uses, as envisioned in the 2000 EIR; this proposal is the subject of this document. A subsequent, future phase is also envisioned to develop the remainder of the project. However, the future phase is in the early project planning stage, and details are not currently available; a determination regarding whether that phase will be within the scope of the 2000 EIR will be made when those details are available and an application for that phase is submitted to the City.

The 2000 EIR is available online at: https://www.roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8775121 under the Environmental Impact Report tab. The 2000 EIR is also available for review during normal weekday business hours at the City of Roseville Development Services Department, 311 Vernon Street, Roseville, CA.

The 2000 EIR is referenced and utilized in the evaluation of the currently proposed project, which covers part of the project site analyzed in the 2000 EIR.

The City Council adopted a Statement of Overriding Considerations when it certified the 2000 EIR. The following impacts were identified as significant and unavoidable in the 2000 EIR:

Biological Resources

- Loss of annual grassland habitat (Draft EIR, p. 4.3-17)
- Loss of special-status vernal pool plant species in vernal pools (Draft EIR, p. 4.3-16)
- Loss of federally listed vernal pool crustaceans (Draft EIR, p. 4.3-19)

Aesthetics and Visual Resources

- Conversion of undeveloped landscape to urban developments (Draft EIR, p. 4.4-7)

Air Quality

- Short-term construction-related air pollutant emissions (Draft EIR, p. 4.6-10)
- Operational air pollutant emissions (Draft EIR, p. 4.6-11)
- Inconsistency with air quality attainment plans (Draft EIR, p. 4.6-14)

The 2000 EIR also identified the following cumulative impacts as potentially significant or as significant and unavoidable:

Flooding and Drainage

- Exacerbated Flood Conditions. Increased runoff to the streams in the Pleasant Grove Creek water shed would raise the water surface elevation exacerbating flooding conditions Short-term construction-related air pollutant emissions (Draft EIR, pp. 5-3 and 5-4)
- Decreased Water Quality. Increased sediment loads from construction activities could result in adverse water quality impacts to regional creeks and streams (Draft EIR, p. 5-5)

Biological Resources

- Loss of biological resources (Draft EIR, p. 5-6)

Aesthetics and Visual Resources

- Conversion of open space and alteration of visual character of undeveloped landscape (Draft EIR, p. 5-6)

Transportation and Circulation

- Increased Traffic Volumes. Cumulative impacts related to transportation are anticipated to be significant with or without implementation of the proposed project (Draft EIR, p. 5-11)

Air Quality

- Increased construction air pollutant emissions (Draft EIR, p. 5-11)
- Increased operational air pollutant emissions, including PM_{10}, NO_X, CO, ROG (Draft EIR, p. 5-12)

Public Services and Utilities

- Cumulative impact to domestic water supplies (Draft EIR, p. 5-14)

The 2000 EIR identified mitigation measures, which were adopted by the City. As explained earlier, consistent with the requirements of Section 15162 of the State CEQA Guidelines, this Addendum evaluates the potential environmental impacts of the project in relation to the analysis completed in the 2000 EIR.

For purposes of this Addendum, the analysis of the proposed project is based on buildout of the 29-acre project site consistent with the project as analyzed in the 2000 EIR. This analysis reflects the analytical approach described by the applicable sections of the State CEQA Guidelines (Sections 15162 through 15164) and comprehensively reviews and compares the effects of the proposed project to those disclosed in the 2000 EIR. The focus of this Addendum is the potential for changes to the approved project or changed conditions or circumstances since the prior environmental analyses to generate new significant impacts, substantially more severe significant impacts, or effects that would meet the CEQA definition of new information of substantial importance (i.e., new mitigation measures or alternatives if they are subject to the qualifications described above). This Addendum also addresses whether any new information of substantial importance, which was not known and could not have been known with the exercise of reasonable diligence at the time the previous EIR was certified as complete, that shows any new or substantially more severe significant impacts, or any mitigation measures or alternatives that were either previously identified as infeasible that are actually feasible, or that are considerably different from those previously analyzed and would substantially reduce one or more significant effect on the environment, that the project applicant has declined to adopt.

In the case of the proposed project, the development footprint, roadway network, and other major supporting infrastructure remain largely unchanged from the current approved project. The project consists of development of approximately 361,000 sq ft of the property with light industrial, as well as research and development uses, as envisioned in the 2000 EIR.

ENVIRONMENTAL CHECKLIST FOR ADDENDUM ENVIRONMENTAL REVIEW

The purpose of this checklist is to evaluate the categories in terms of any “changed condition” (i.e. changed circumstances, project changes, or new information of substantial importance) that may result in a changed environmental result. A “no” answer does not necessarily mean there are no potential impacts relative to the environmental category, but that there is no change in the condition or status of the impact since it was analyzed and addressed in prior environmental documents.

Explanation of Checklist Evaluation Categories

Where Impact was Analyzed

This column provides a cross-reference to the pages of the prior environmental documents where information and analysis may be found relative to the environmental issue listed under each topic.

Do Proposed Changes Involve New Significant Impacts?

Pursuant to Section 15162(a)(1) of the CEQA Guidelines, this column indicates whether the changes represented by the current project would result in new significant impacts that have not already been considered

and mitigated by the prior environmental review documents and related approvals, or would result in a substantial increase in the severity of a previously identified impact.

Any new Circumstances Involving New Impacts?

Pursuant to Section 15162(a)(2) of the CEQA Guidelines, this column indicates whether there have been changes to the project site or the vicinity (circumstances under which the project is undertaken) which have occurred subsequent to the certification or adoption of prior environmental documents, which would result in the current project having new significant environmental impacts that were not considered in the prior environmental documents or that substantially increase the severity of a previously identified impact.

Any new Information Requiring New Analysis or Verification?

Pursuant to Section 15162(a)(3)(A–D) of the CEQA Guidelines, this column indicates whether new information of substantial importance which was not known and could not have been known with the exercise of reasonable diligence at the time the previous environmental documents were certified or adopted is available requiring an update to the analysis of the previous environmental documents to verify that the environmental conclusions and mitigation measures remain valid. Either “yes” or “no” will be answered to indicate whether there is new information showing that: (A) the project will have one or more significant effects not discussed in the prior environmental documents; (B) that significant effects previously examined will be substantially more severe than shown in the prior environmental documents; (C) that mitigation measures or alternatives previously found not to be feasible would in fact be feasible and would substantially reduce one or more significant effects of the project, but the project proponents decline to adopt the mitigation measure or alternative; or (D) that mitigation measures or alternatives which are considerably different from those analyzed in the prior environmental documents would substantially reduce one or more significant effects on the environment, but the project proponents decline to adopt the mitigation measure or alternative. If “no,” then no additional environmental documentation (supplemental or subsequent EIR) is required.

Mitigation Measures Implemented or Addressing Impacts
Pursuant to Section 15162(a)(3) of the CEQA Guidelines, this column indicates whether the prior environmental documents provide mitigation measures to address effects in the related impact category. In some cases, the mitigation measures have already been implemented. A “yes” response will be provided in any instance where mitigation was included, regardless of whether the mitigation has been completed at this time. If “none” is indicated, this environmental analysis concludes a significant impact does not occur with this project, no mitigation was previously included, and no mitigation is needed.

Discussion and Mitigation Sections

Discussion

A discussion of the elements of the checklist is provided under each environmental category in order to clarify the answers. The discussion provides information about the particular environmental issue, how the project relates to the issue and the status of any mitigation that may be required or has already been implemented.

Mitigation Measures

Applicable mitigation measures from the prior environmental review that apply to the project are listed under each environmental category.

Conclusion

A discussion of the conclusion relating to the analysis is provided in each section.

INITIAL STUDY CHECKLIST

I. Aesthetics

	Where Impact Was Analyzed in Prior Environmental Documents	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a. Have a substantial adverse effect on a scenic vista?	Initial Study p. 42	No	No	No	None
b. Substantially damage scenic resources, including but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?	Initial Study p. 42	No	No	No	None
c. In non-urbanized area, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?	Initial Study p. 42 and Draft EIR p. 4.4-7	No	No	No	None available; impact remains significant and unavoidable
d. Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?	Initial Study p. 42	No	No	No	None

Discussion: The 2000 EIR determined that there were no scenic vistas or scenic resources within a State scenic highway in the vicinity of the project site that could be adversely affected by project development (see Appendix A, "NOP and Initial Study"). In addition, the 2000 EIR determined that no significant impacts would result due to the creation of a new source of light or glare that would adversely affect day or nighttime views in the area.

At the time of the 2000 EIR, the project site and surrounding area were largely undeveloped. Even though the project included preservation of some open space and compliance with the City's Design Guidelines, the 2000 EIR concluded that the project would substantially and permanently alter the visual character of the area by introducing light industrial development and other urban facilities into an undeveloped area. This impact was concluded to be significant and unavoidable.

The project modifications include the construction of four buildings, with a 50-foot maximum height allowed and floor areas ranging in size from approximately 59,000 sq ft to approximately 152,000 sq ft, as well as landscaping, circulation improvements, parking, and utility extensions. The City's updated Community Design Guidelines would continue to regulate site planning and building development. As described in the project description, landscape setbacks would be provided around the perimeter of the site as a buffer along Winding Creek Road, Union Pacific Railroad tracks, and the neighboring development. Landscaping is proposed to include primarily low water-use trees, shrubs, and ground cover; no turf is

proposed. The project description also states that a lighting plan would be prepared and will conform with the City's Community Design Guidelines, and specifically for Office and Industrial Development. Lighting sources would have cut off lenses and would be located to avoid light spillage and glare on adjacent properties and in private spaces.

The project site is not part of a scenic vista or visible from a State scenic highway. Therefore, implementation of the project modifications would not adversely affect scenic vistas or substantially damage scenic resources. The project modifications would not alter the overall development footprint or character of site development. Proposed light industrial uses would be consistent and compatible with the existing surrounding development, which is primarily industrial and commercial. New lighting at the project site would be consistent with surrounding, existing lighting, and would not result in substantial changes to light or glare conditions in the area.

Mitigation Measures: None available.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding aesthetics, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

II. Agricultural & Forestry Resources

	Where Impact Was Analyzed in Prior Environmental Documents	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?	Initial Study p. 12	No	No	No	None
b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?	Initial Study p. 12	No	No	No	None
c) Conflict with existing zoning for, or cause rezoning of, forest land (as defined in Public Resources Code section 12220(g)), timberland (as defined by Public Resources Code section 4526), or timberland zoned Timberland Production (as defined by Government Code section 51104(g))?	Not evaluated	No	No	No	None
d) Result in the loss of forest land or conversion of forest land to non-forest use?	Not evaluated	No	No	No	None
e) Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forest land to non-forest use?	Initial Study p. 12	No	No	No	None

Discussion: The 2000 EIR determined that the project would not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance and would not conflict with existing zoning for agricultural use or a Williamson Act contract (see Appendix A, "NOP and Initial Study").

The project site is zoned Light Industrial (M1) and is not used or zoned for forest land, timberland, or timberland zoned Timberland Production. There are no woodlands or forests in the project area; therefore, the project modifications would not result in the loss of forest land, conversion of forest land to non-forest use, or involve other changes that could result in conversion of forest land to non-forest use.

Because the project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR, the project modifications would not result in previously unidentified or more severe impacts to agricultural resources and would not result in impacts to forestry resources.

Mitigation Measures: None required.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding agricultural and forestry resources, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

III. Air Quality

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Conflict with or obstruct implementation of the applicable air quality plan?	Draft EIR p. 4.6-14	No	No	No	Yes, but impact remains significant and unavoidable
b) Result in a cumulatively considerable net increase of any criteria for which the project region is non-attainment under an applicable federal or state ambient air quality standard?	Draft EIR p. 4.6-11	No	No	No	Yes
c) Expose sensitive receptors to substantial pollutant concentrations?	Draft EIR p. 4.6-10	No	No	No	Yes, but impact remains significant and unavoidable
d) Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?	Draft EIR p. 4.6-13	No	No	No	None

Discussion: The 2000 EIR concluded that project construction and operation would result in significant and unavoidable impacts. In particular, construction-related activities would generate emissions that could contribute to regional air pollution problems and (particularly for particulate matter and carbon monoxide) locally elevated pollutant concentrations that could affect nearby receptors. Further, operational emissions, primarily from project-generated motor vehicle trips, were determined to be significant and unavoidable because the effectiveness of the City's Transportation Systems Management Ordinance could not be determined at that time, and it was unlikely to be feasible to reduce project emissions by the 40 percent necessary to achieve the ozone standard. Finally, development of the project site was not anticipated when the regional air quality attainment plans were prepared, because the Sunset Industrial Area Plan (now called the Sunset Area Plan) had not yet been adopted. Thus, it was determined that project-related growth would make it more difficult for the region to attain the federal and state ambient air quality standards, and efforts to implement the existing plans for attainment could be unsuccessful because they did not account for this level of growth. Despite compliance with the City's Transportation Systems Management Ordinance and implementation of mitigation, these impacts were concluded to be significant and unavoidable.

Since the certification of the 2000 EIR, the Placer County Air Pollution Control District (PCAPCD) has established a list of rules and regulations that all projects within the PCAPCD boundaries must abide by, which can be found in the PCAPCD CEQA Handbook. The PCAPCD has also established thresholds of significance to be used in quantitative analyses of construction and operation of a project. These quantitative thresholds are presented under the Standards of Significance chapter of the PCAPCD CEQA Handbook. Further, the project site is included in the City's

General Plan, which was adopted in 2020, and General Plan EIR, which was certified in 2020. As such, proposed development of the project site is now considered in attainment plans. The project area has continued to develop with primarily light industrial uses since certification of the 2000 EIR, consistent with the applicable land uses and zoning. The closest sensitive receptors include residents of the Woodcreek East project to the northwest and a faith-based community organization immediately to the west.

The project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR. Construction analyses and significance conclusions are a maximum daily rate of emissions, based on the amount of construction that could reasonably be expected to occur on any given day. Although construction has been delayed compared with the timing assumptions in the 2000 EIR, no other substantial changes are expected related to project construction. As discussed later in this Addendum, in the Transportation/Traffic section, the project modifications would not result in an increase in vehicular trips compared with what was described in the 2000 EIR. The project modifications would, therefore, not result in a substantial increase in construction or operational air quality impacts.

The 2000 EIR concluded that project implementation would result in a less-than-significant impact related to local carbon monoxide hotspots from project-generated motor vehicle trips at intersections during project operations. The project modifications would not include changed land uses or increased numbers of vehicle trips compared with what was assumed in the 2000 EIR. Therefore, impacts related to carbon monoxide hotspots from project-generated motor vehicle trips at intersections during project operations would remain unchanged.

The 2000 EIR determined that project implementation would result in a less-than-significant impact related to stationary source pollutants or odors. The project modifications would not include new sources or increase the amount of stationary source pollutants, create objectionable odors, nor expose residents to such odors.

Mitigation Measures: See the project description, above, for a list of mitigation measures that were adopted upon approval of the 2000 EIR and would be applicable to the mitigation of impacts associated with the project modifications, as well as a list of project commitments that are consistent with and implement the 2000 EIR mitigation measures. The new project commitments would enhance impact reduction and would not result in new or more significant environmental impacts. Further, the new project commitments would not constitute significant new information as defined by Section 15162 of the State CEQA Guidelines.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. As described above, the new project commitments are consistent with and implement the 2000 EIR mitigation measures and would be implemented by the project applicant to further reduce impacts. Therefore, regarding air quality, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

IV. Biological Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?	Draft EIR p. 4.3-18	No	No	No	Yes
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies or regulations or by the California Department of Fish and Wildlife or U.S. Fish and Wildlife Service?	Draft EIR p. 4.3-17	No	No	No	None
c) Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?	Draft EIR p. 4.3-16	No	No	No	Yes
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?	Draft EIR p. 4.3-18	No	No	No	Yes
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?	Initial Study p. 29	No	No	No	None

f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?	Draft EIR p. 4.3-21	No	No	No	Yes

Discussion: The 2000 EIR concluded that the project could interfere with the movement of resident and migratory wildlife species and potentially conflict with a proposed City of Roseville Habitat Conservation Plan (HCP); these impacts were concluded to be less than significant. Additionally, the project could result in the loss of vernal pools, seasonal wetlands, and other jurisdictional waters of the US; disturbance of Swainson's hawk and other legally protected bird species; and loss of sensitive biological resources due to off-site infrastructure; these impacts were concluded to be less than significant after mitigation. Finally, the 2000 EIR concluded that the project could result in the loss of annual grassland habitat, special-status plant species occurring in vernal pools, and federally listed vernal pool crustaceans; these impacts were concluded to be significant and unavoidable after mitigation.

Since the 2000 EIR was certified, additional biological resources surveys, database queries, and analyses have been conducted. Specifically, the following reports have been prepared for the project site, are attached to this Addendum, and are summarized below:

- Foothills Commerce Center Project, Biological Resources Assessment (HELIX 2024a),
- Results of Special-Status Plant Surveys for the Phase III Development Area of the Foothills Commerce Center Project, Roseville, Placer County, California (HELIX 2024b),
- Foothills Commerce Center Tree Assessment Report, City of Roseville, Placer County (HELIX 2024c), and
- Foothills Commerce Center Project, Aquatic Resources Delineation Report (HELIX 2024d).

Biological Resources Assessment

The study area evaluated in the Biological Resources Assessment encompasses approximately 65 acres. As described in the project description, approximately 29 acres of the property would be developed as part of the project. (The additional 36 acres would be developed as part of a future project phase.) As described in the Biological Resources Assessment, the 29-acre project site is comprised of non-native annual grassland (28.79 acres), developed/disturbed areas (0.18 acre), and upland detention basins (0.15 acre) (HELIX 2024a). Known or potential biological constraints on the project site include:

- suitable habitat for special-status plants including big-scale balsamroot (*Balsamorhiza macrolepis*) and stinkbells (*Fritillaria agrestis*); and
- suitable nesting and/or foraging habitat for special-status and migratory birds including grasshopper sparrow (*Ammodramus savannarum*), Swainson's hawk (*Buteo swainsoni*), and white-tailed kite (*Elanus leucurus*).

No special-status plants or special-status wildlife species were observed on the 29-acre project site during the field survey on May 18, 2023 or follow-up survey on April 11, 2024. However, suitable habitat is present for several special-status species and there is potential these species may occur on the 29-acre project site. The project applicant will implement avoidance and minimization measures to limit or avoid impacts to special-status species and sensitive habitats by conducting preconstruction surveys, implementing avoidance measures, consulting with resource agencies if special-status species are identified, and compensating for losses if they cannot be avoided (see the project description, above, for the list of measures). Therefore, potential impacts to special-status species and their habitat would be similar to those described in the 2000 EIR.

Special-Status Plant Surveys

Two special-status plan species have potential to occur on the project site: big-scale balsamroot and stinkbells. As described in the Special-Status Plant Survey Letter Report, no special-status plant species were observed on the project site during the focused surveys on April 11, 2024 and May 30, 2024 (HELIX 2024b); therefore, no special-status plants would be disturbed or removed as a result of construction of the project. Therefore, impacts would be similar to those described in the 2000 EIR.

Tree Assessment Report

As described in the Tree Assessment Report, there are no trees located on the project site (HELIX 2024c); therefore, no trees would be disturbed or removed and no tree removal permits would be required by the City. Therefore, conflicts with local policies and regulations, such as a tree preservation policy or ordinance, would be similar to those described in the 2000 EIR.

Aquatic Resources Delineation

As described in the Aquatic Resources Delineation Report, there are no wetlands located on the 29-acre project site (HELIX 2024d); therefore, no wetlands would be disturbed or removed and no permits or mitigation credits would be required. Potential impacts to wetlands would be similar to those identified in the 2000 EIR.

Summary

Other than the additional species that are known to occur or have the potential to occur on the project site (due to more recent survey and mapping conducted for the project in 2023 and 2024), there are no new circumstances that would influence biological resources impacts associated with the project modifications and there is no new information requiring analysis or verification.

Because the project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR, the project modifications would not result in previously unidentified or more severe impacts to biological resources. The types and intensities of impacts to special-status species, natural communities, and wetlands, as a result of construction and operation of the project modifications would be similar to those described in the 2000 EIR. Mitigation measures would be incorporated into the project modifications to reduce and avoid impacts to biological resources. Therefore, potential impacts would be similar to those identified in the 2000 EIR.

Mitigation Measures: See the project description, above, for a list of mitigation measures that were adopted upon approval of the 2000 EIR and would be applicable to the mitigation of impacts associated with the project modifications, as well as a list of project commitments that are consistent with and implement the 2000 EIR mitigation measures. The new project commitments would enhance impact reduction and would not result in new or more significant environmental impacts. Further, the new project commitments would not constitute significant new information as defined by Section 15162 of the State CEQA Guidelines.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information

showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. As described above, the new project commitments are consistent with and implement the 2000 EIR mitigation measures and would be implemented by the project applicant to further reduce impacts. Therefore, regarding biological resources, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

V. Cultural Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Cause a substantial adverse change in the significance of an historic resource pursuant to in Section 15064.5?	Initial Study p. 44	No	No	No	Yes
b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to Section 15064.5?	Initial Study p. 45	No	No	No	Yes
c) Disturb any human remains, including those interred outside of dedicated cemeteries?	Initial Study p. 45	No	No	No	Yes

Discussion: The 2000 EIR determined that one previously recorded prehistoric site was known to be located within the project boundary, within the open space preserve area, and it would not be affected by project development (see Appendix A, "NOP and Initial Study"). No historic resources, unique paleontological resources, human remains, or cemeteries were identified within the project site. However, previously unidentified artifacts or remains could be encountered during ground-disturbing construction activities, which could destroy or damage unknown cultural resources. Mitigation was identified (see below) to reduce potentially significant impacts to a less-than-significant level.

Since the 2000 EIR was certified, additional cultural resources surveys, records searches, and analyses have been conducted. Specifically, the following report has been prepared for the project site, is attached to this Addendum, and is summarized below:

- Foothills Commerce Center Project, Cultural Resources Assessment and Extended Phase I Testing Report (HELIX 2024e). Note: Due to its confidential nature, this report is not appended to this document.

As described in the Cultural Resources Assessment and Extended Phase I Testing Report, there are two previously recorded resources within the area of potential effect (APE), which includes the 29-acre project site (HELIX 2024e). The vicinities of these two resources were determined to be highly culturally sensitive. Both resources had the potential to contain previously unrecorded subsurface cultural resources, and neither resource had been formally evaluated and/or determined ineligible for listing in the National Register of Historic Places (NRHP) or California Register of Historic Resources (CRHR), meaning that their overall historical significance had not yet been assessed, and that both sites may yet be determined to merit extensive protection from impacts under the law.

Given the cultural sensitivity of these two resources and the potential for them to contain subsurface expressions, Extended Phase 1 (XPI) testing of these two resources was conducted in May 2024 to help determine the presence or absence of associated subsurface archaeological deposits, features, or artifacts, and to help define the vertical and horizontal extent of these sites. XPI testing involves a thorough reexamination of the ground surface, followed by the excavation using a mechanical backhoe, and screening to examine the exposed soils for artifactual materials. The XPI testing did not identify any archaeological materials within the two sites (HELIX 2024e). Due to the absence of cultural resources within the APE, no additional study or documentation for cultural resources are required. In the event that archaeological cultural resources and/or human remains are discovered during project construction, mitigation measures would be implemented to avoid or substantially reduce the severity of impacts to such finds (see the project description). Therefore, impacts to cultural resources would be similar to those described in the 2000 EIR.

Other than the updated cultural resources report prepared for the project site (HELIX 2024e), there are no new circumstances that would influence cultural resources impacts associated with the project modifications and there is no new information requiring analysis or verification.

Because the project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR, the project modifications would not result in previously unidentified or more severe impacts to cultural resources. The types and intensities of impacts to cultural resources, as a result of construction and operation of the project modifications would be similar to those described in the 2000 EIR. Mitigation measures would be incorporated into the project modifications to reduce impacts to cultural resources in the event that archaeological cultural resources and/or human remains are discovered during project construction. Therefore, potential impacts would be similar to those identified in the 2000 EIR.

Mitigation Measures: See the project description, above, for a list of mitigation measures that were adopted upon approval of the 2000 EIR and would be applicable to the mitigation of impacts associated with the project modifications, as well as a list of project commitments that are consistent with and implement the 2000 EIR mitigation measures. The new project commitments would enhance impact reduction and would not result in new or more significant environmental impacts. Further, the new project commitments would not constitute significant new information as defined by Section 15162 of the State CEQA Guidelines.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. As described above, the new project commitments are consistent with and implement the 2000 EIR mitigation measures and would be implemented by the project applicant to further reduce impacts. Therefore, regarding cultural resources, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

VI. Energy

Since certification of the 2000 EIR, Appendix G of the State CEQA Guidelines has been amended to address energy consumption and compliance with applicable renewable energy or energy efficiency plans. At the time the 2000 EIR was prepared and certified, energy efficiency related impacts were included as Appendix F to the State CEQA Guidelines. The 2000 EIR did evaluate the project's energy demand and the impacts related to it, but in the context of utilities and utility infrastructure.

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?	Draft EIR p. 4.8-31	No	No	No	None
b) Conflict with or obstruct a state or local plan for renewable energy or energy inefficiency?	Not evaluated	No	No	No	None

Discussion: The 2000 EIR determined that because adequate electrical infrastructure would be provided, the Development Agreement between the project applicant and Roseville Electric had been approved, and Roseville Electric indicated that adequate electric resources were available to serve the project, the project's impacts related to increased demand on electrical services were less than significant.

The approved project does not include uses or construction plans that would be more energy-intensive than is normal for typical light industrial developments. The approved project would be developed under currently applicable California Building Code (CBC) energy efficiency standards, which include an increasingly more stringent array of energy efficiency requirements with each successive iteration. The current CBC energy efficiency standards implement a more stringent set of energy efficiency design standards than were in place when the project was originally approved in 2000. For this reason, the project modifications would have greater energy efficiency compared to what was assumed in the 2000 EIR.

As described in the project description, electrical service would be provided by Roseville Electric. Existing underground electric/joint trench improvements and existing above ground electrical transformers are located underneath and along Winding Creek Road, respectively. Additionally, existing streetlights are located along the project frontages along Winding Creek Road. Onsite electrical improvements such as site lighting and new underground electric and joint trench improvements would tie into the existing infrastructure along Winding Creek Road.

As required by State regulations, Roseville Electric uses cost-efficient energy efficiency, load management, and renewable resources programs to meet electricity demand before acquiring new electricity sources. Consequently, the project and the proposed modifications would not be anticipated to result in the wasteful, inefficient, or unnecessary consumption of energy resources.

The project would be designed to be consistent with the City's planning documents including the General Plan, Blueprint Implementation Strategies, Communitywide Sustainability Action Plan, Pedestrian Master Plan, and Bicycle Master Plan. Consequently, the project is largely consistent with SACOG's Metropolitan Transportation Plan/Sustainable Communities Strategy (MTP/SCS) because it is within the growth projections assumed in the MTP/SCS, which achieves California Air Resources Board targets for GHG reductions. Therefore, the project and the proposed modifications would have a less-than-significant impact related to the implementation of energy efficiency plans.

Mitigation Measures: None required.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding energy, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

VII. Geology and Soils

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:					
i) Ruptures of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? (Refer to Division of Mines and Geology Special Publication 42.)	Initial Study p. 16	No	No	No	None
ii) Strong seismic ground shaking?	Initial Study p. 16	No	No	No	None
iii) Seismic-related ground failure, including liquefaction?	Initial Study p. 16	No	No	No	None
iv) Landslides?	Initial Study p. 16	No	No	No	None
b) Result in substantial soil erosion or the loss of topsoil?	Initial Study p. 17	No	No	No	Yes
c) Be located in a geological unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on or off-site landslide, lateral spreading, subsidence, liquefaction or collapse?	Initial Study p. 17	No	No	No	Yes
d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?	Initial Study p. 17	No	No	No	Yes

e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?	Initial Study p. 18	No	No	No	None
f) Directly or indirectly destroy a unique paleontological resource or site or unique geological feature?	Initial Study p. 45	No	No	No	Yes

Discussion: The 2000 EIR determined that no known geologic faults existed on the project site. Compliance with Uniform Building Codes (UBC) regarding seismic safety would be required and would ensure that new development and construction meet all seismic safety standards, protecting the public by reducing the risk of building damage or collapse. The 2000 EIR indicates that hazards associated with liquefaction were considered low because of the composition of soils on the project site. Landslides and slope instability were not identified as potential issues in the project area. The 2000 EIR also indicates that proposed development, including any activities that require grading, would be required to comply with state regulations, the City's Improvement Standards, and industry standards which would minimize the risk associated with landslides. After construction, exposed soils would be covered by impervious and semi-impervious surfaces and landscaping, which would prevent soil erosion. Topsoil would not be exported off the site. Also, grading activities would be required to comply with the results of a site-specific geotechnical evaluation and the City's Improvement Standards, which require the applicant to submit a site-specific erosion and sedimentation control plan. The 2000 EIR indicates that the Roseville area is not known to have experienced significant subsidence or development constraints due to subsidence; however, because soil characteristics such as high shrink-swell potential, slow permeability, and low strength can affect overlying structures, foundations or structures could be subject to damage or failure if the results of detailed soils studies are not reflected in project design. The 2000 EIR identifies mitigation measures that would reduce potential impacts related to soil conditions, including expansive soils. Finally, the 2000 EIR concludes there would be no impact related to septic tanks or alternative wastewater disposal systems because none were proposed. For the above reasons specified in the 2000 EIR, potential impacts associated with geology and soils were determined to be less than significant with mitigation (see Appendix A, “NOP and Initial Study”).

The project modifications include the construction of four buildings, with a 50-foot maximum height allowed and floor areas ranging in size from approximately 59,000 sq ft to approximately 152,000 sq ft, as well as landscaping, circulation improvements, parking, and utility extensions. A geotechnical report was prepared that discusses the current geologic conditions of specific to the project site, the potential geologic hazards of the site, and identifies geotechnical recommendations to address these hazards (Terracon 2024). The report indicates that subgrade soil conditions on the project site generally consist of interbedded layers of medium dense to very dense sand with variable amounts of clay and very stiff to hard clay and silt with variable amounts of sand from between 21 feet to 51.5 feet below the ground surface (Terracon 2024). Groundwater is also present between ten (10) and 20 feet below the surface (Terracon 2024). The project site is in a relatively moderate seismic region of the state, and the project site is not within an Alquist-Priolo Earthquake Fault Zone. Hazards associated with liquefaction were considered low because no liquefiable soil layers were found on the project site. The project site is also not directly within a flood zone mapped by FEMA. Further, soils underneath the project site have high expansive potential.

The geotechnical report provides several recommendations to address these issues. Because the site is relatively flat, it is recommended that cuts and fills to develop grades be four feet or less (Terracon 2024). In addition, as clays are sensitive to moisture variation, they should be moisture conditioned, and medium plasticity clays should not be used for slab on grade floor support. Further, excavation activities for purposes other than

foundation construction and utility installation should be kept relatively minor, and shallow foundations are recommended for building support. Recommendations for pavement installation are also provided in the report. These recommendations will be implemented by the project applicant.

Regarding paleontological resources, the 2000 EIR determined that no unique paleontological sites were known to exist on the project site (see Appendix A, "NOP and Initial Study"). However, previously unidentified paleontological resources could be encountered during ground-disturbing construction activities, which could be destroyed or damaged. Mitigation was identified to reduce potentially significant impacts to a less-than-significant level.

The project modifications are an element of the Foothill Business Park Annexation Project and are within the scope of activities covered in the 2000 EIR. The project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR. Thus, the project modifications would not increase demands for utilities services beyond what was analyzed in the 2000 EIR. Although construction has been delayed compared with the timing assumptions in the 2000 EIR, no substantial changes are expected related to project construction or construction methods. The geologic conditions of the project site have also not changed because the findings described in the geotechnical report prepared for the project modifications are consistent with those described in the 2000 EIR. Therefore, the likelihood that the project modifications would be affected by the geologic hazards described above would be similar to that discussed in the 2000 EIR for the original project. The project modifications would employ the same mitigation measures related to geology and soils discussed in the 2000 EIR to address potential significant environmental impacts associated with these hazards. In effect, the project modifications would be consistent with the conclusions in the 2000 EIR concerning potential significant environmental impacts related to geology and soils.

Mitigation Measures: See the project description, above, for a list of mitigation measures that were adopted upon approval of the 2000 EIR and would be applicable to the mitigation of impacts associated with the project modifications, as well as a list of project commitments that are consistent with and implement the 2000 EIR mitigation measures. The new project commitments would enhance impact reduction and would not result in new or more significant environmental impacts. Further, the new project commitments would not constitute significant new information as defined by Section 15162 of the State CEQA Guidelines.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. As described above, the new project commitments are consistent with and implement the 2000 EIR mitigation measures and would be implemented by the project applicant to further reduce impacts. Therefore, regarding geology and soils, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

VIII. Greenhouse Gases

Greenhouse gases (GHGs) were not addressed in the 2000 EIR because a GHG analysis was not required at that time. The 2000 EIR was certified on September 13, 2000. Changes to Appendix G of the State CEQA Guidelines were adopted in December 2009, at which time GHGs were added as a new resource to be evaluated in CEQA documents. As such, the updated CEQA Guidelines were adopted subsequent to the certification of the 2000 EIR. Section 15007 of the CEQA Guidelines addresses amendments to the CEQA Guidelines and states: "If a document meets the content requirements in effect when the document is sent out for public review, the document shall not need to be revised to conform to any new content requirements in Guideline amendments taking effect before the document is finally approved" (CEQA Guidelines Section 15007[c]). Stated another way, because the EIR was circulated for public review (and completed) before this change in the CEQA Guidelines, the new provisions regarding GHGs do not apply to this project. Therefore, the addition of considerations regarding GHGs to Appendix G does not constitute "new information" as defined in CEQA Guidelines Section 15162 and, even if it was "new information," CEQA Guidelines Section 15007 directs that the document "shall not need to be revised" to reflect this information.

The project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR. Although construction has been delayed compared with the timing assumptions in the 2000 EIR, no other substantial changes are expected related to project construction. Notably, as compared to the on- and off-road vehicle fleet in 2000, construction and operational emissions from implementation of the project would result in fewer emissions than what would have been disclosed in the 2000 EIR because of regulatory standards that have improved fuel efficiency such as the Advanced Clean Cars Program and the Corporate Average Fuel Economy Standards. As discussed later in this Addendum, in the Transportation/Traffic section, the project modifications would not result in an increase in vehicular trips compared with what was described in the 2000 EIR. The project modifications would, therefore, not result in a substantial increase in construction or operational GHG emissions that would have resulted from the project as analyzed in the 2000 EIR.

IX. Hazards and Hazardous Materials

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?	Draft EIR p. 4.9-9; Initial Study p. 31	No	No	No	None
b) Create a significant hazard to the public or the environment though reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?	Draft EIR p. 4.9-7; Initial Study p. 31	No	No	No	None
c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?	Initial Study p. 31	No	No	No	None
d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?	Initial Study p. 31	No	No	No	None
e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?	Initial Study p. 31	No	No	No	None
f) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?	Initial Study p. 31	No	No	No	None

g) Expose people or structures either directly or indirectly to a significant risk of loss, injury or death involving wildland fires?	Initial Study p. 32	No	No	No	None

Discussion: As discussed in the 2000 EIR, the project did not propose any heavy manufacturing or industrial uses that could contribute to a more hazardous environment at the project site, and the light-industrial activities proposed would not generate any hazardous emissions. The 2000 EIR further indicated that if the project were to generate pollutants, the project would be required to comply with applicable PCAPCD regulations pertaining to hazardous materials emissions, which would reduce potential effects on adjacent residents. Impacts associated with the transport, use or disposal of hazardous materials, the release of hazardous materials into the environment, and the possibility of hazardous emissions being released into the environment near existing or proposed schools were thus determined to be less than significant.

At the time the 2000 EIR was certified, the former Sunset Industrial Sewer and septage ponds, which were abandoned in 1986, were located immediately north of the project site and were slated to be closed sometime the following year. The closure of these sites, regulated by CCR Title 27 and RWQCB, required the submittal of a closure plan and an assessment of the site. Because the closure of the ponds were required to conform to RWQCB standards, it was not anticipated that hazardous materials would adversely affect the project site. The 2000 EIR determined that impacts associated with the potential risk of exposure to contaminated soils would be mitigable to less-than-significant levels.

Because the project site was not located within an airport land use plan, within two miles of a public airport, or within the vicinity of a private airstrip, the 2000 EIR concluded that no impact associated with airport facilities would occur (see Appendix A, “NOP and Initial Study”). The 2000 EIR also determined that the project would not impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan, and impacts were determined to be less than significant (see Appendix A, “NOP and Initial Study”).

In addition, the 2000 EIR determined that the potential for wildland fires on the project site was considered low. The project at the time would involve the construction of new buildings and surface parking adjacent to areas designated for open space, and irrigated landscaping would be included with the project that would help reduce the potential for wildland fires on the site. All new construction for light industrial uses would be required to meet the Uniform Fire Code (UFC) standards, and the City of Roseville Fire Department would be required to review all plan submittals and provide a list of requirements for the project to maintain fire safety. Thus, the 2000 EIR concluded that impacts associated with wildland fires would be less than significant (see Appendix A, “NOP and Initial Study”).

A Phase I Environmental Site Assessment was prepared for the project modifications to evaluate hazardous environmental conditions on the project site (Terracon 2023). Records from various federal and state environmental regulatory databases (i.e., EnviroStar, Geotracker, etc.) were reviewed and site visits were performed to comprehensively evaluate environmental hazards on the site. The assessment concluded that the former industrial wastewater ponds associated with the former Sunset Industrial Sewer, also discussed in the 2000 EIR, present a recognized environmental hazard to the project site. This is because there was not enough information available to completely rule out the possibility that environmental contaminants could be released from the two unlined industrial wastewater ponds associated with the former industrial facility (Terracon 2023). The project modifications would implement the same mitigation discussed in the 2000 EIR to address potential significant environmental impacts from the former industrial wastewater ponds. No other environmental hazards were recognized during the environmental site assessment (Terracon 2023). As such, the project modifications would not expose people to other hazardous environmental conditions, and impacts would be similar to or less than those described in the 2000 EIR.

The project modifications are an element of the Foothill Business Park Annexation Project and are within the scope of activities covered in the 2000 EIR. The project modifications would be constructed on the same project site on which the original project was proposed and would not

change the type and intensity of development compared with what was analyzed in the 2000 EIR. As such, the project modifications would be consistent with the original project envisioned in the 2000 EIR and would not impair implementation of or physically interfere with an emergency evacuation plan or increase the likelihood of wildfire on the project site. The project site is also still located outside of an airport land use plan and is not within two miles of a public or private airport or airstrip. Therefore, the project modifications would be consistent with the conclusions related to hazards and hazardous materials discussed in the 2000 EIR.

Mitigation Measures: See the project description, above, for a list of mitigation measures that were adopted upon approval of the 2000 EIR and would be applicable to the mitigation of impacts associated with the project modifications, as well as a list of project commitments that are consistent with and implement the 2000 EIR mitigation measures.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding hazards and hazardous materials, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

X. Hydrology and Water Quality

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or ground water quality?	Draft EIR p. 4.2-9; Initial Study p. 19	No	No	No	None
b) Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?	Initial Study p. 19	No	No	No	None
c) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:	Initial Study p. 19	No	No	No	None
i) result in substantial erosion or siltation on or off-site;	Draft EIR p. 4.2-7	No	No	No	None
ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site;	Draft EIR p. 4.2-7	No	No	No	None
iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater systems or provide substantial additional sources of polluted runoff; or	Draft EIR p. 4.2-7	No	No	No	None
iv) impede or redirect flood flows?	Draft EIR p. 4.2-7	No	No	No	None

d) Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?	Initial Study p. 19	No	No	No	None
e) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?	Initial Study p. 19	No	No	No	None
f) In flood hazard, tsunami, or seiches zones, risk release of pollutants due to project inundation?	Initial Study p. 19	No	No	No	None

Discussion: The 2000 EIR determined that with the implementation of the best management practices (BMPs) required under the City and County general plans and federal and state water quality protection regulations, water quality impacts associated with development of the project would be less than significant. The 2000 EIR also explained that groundwater wells would not be used to serve the project site, meaning wells on adjacent lands would not be affected; hence, groundwater impacts from the proposed project were considered to be less than significant. The 2000 EIR further determined that neither project construction nor operation would violate any RWQCB standards or result in substantial erosion or siltation on- or off-site, and that the impact on water quality would be considered less than significant. The 2000 EIR also determined that impacts related to increased erosion or siltation, rate of surface runoff, the potential of runoff water to exceed the capacity of existing or planned stormwater systems, and impede or redirect flows would be less than significant. Finally, because no dams were located within close proximity to the project site, the project site was not within an area of dam failure inundation, and the project site was not located near a lake or other surface water body in which a seiche or tsunami could directly or indirectly affect the site, the 2000 EIR determined that there would be no impacts associated with flooding, dam failure, seiches or tsunamis (see Appendix A, “NOP and Initial Study”).

The project modifications are an element of the Foothill Business Park Annexation Project and are within the scope of activities covered in the 2000 EIR. The project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR. Thus, the project modifications would not increase demands for utilities services beyond what was analyzed in the 2000 EIR. As described in the project description, earth-disturbing construction activities would be subject to the National Pollutant Discharge Elimination System (NPDES). Because the project applicant would be required to comply with the provisions of the NPDES General Permit, including preparation of a stormwater pollution prevention plan (SWPPP) and implementation of all identified BMPs, construction impacts associated with water quality standards and waste discharge requirements would be minimized. Additionally, the project modifications would be required to comply with the City’s Urban Stormwater Quality Management and Discharge Control Ordinance including implementing measures from the Stormwater BMP Guidance Manual for Construction, Placer County Flood Control and Water Conservation District’s (PCFCWCD) Stormwater Management Manual, and the West Placer Storm Water Quality Design Manual. Compliance with these plans would reduce long-term water quality impacts from the project modifications.

The proposed modifications would not directly use groundwater as a water supply source and no wells are proposed. However, the project modifications would receive water service from the City of Roseville Environmental Utilities, which relies on surface water and groundwater supplies. The City’s groundwater wells are primarily used for backup water supply and to improve water supply reliability during drought and emergency

conditions. Therefore, the proposed modifications are not expected to substantially deplete groundwater supplies or interfere with sustainable management of the groundwater basin. The project modifications would result in the addition of proposed buildings and paved parking lots, which would add impervious surfaces to the project site, but less so than what was analyzed in the 2000 EIR, and thus, the project modifications would not substantially impede groundwater recharge.

Development of the undeveloped portions of the project site and the addition of impervious surfaces would alter the existing drainage rate and pattern of the site, resulting in increased runoff and potentially an increase in flooding, but not beyond what was analyzed in the 2000 EIR. As noted above, the project modifications would be required to comply with City Improvement Standards, the City's Stormwater Quality Design Manual, and PCFCWCD's Stormwater Management Manual that require stormwater drainage facilities be designed with adequate capacity for stormwater flows from the project site. Thus, impacts would be consistent with the conclusions in the 2000 EIR.

Overall, potential significant environmental impacts associated with hydrology and water quality from the project modifications would be consistent with the conclusions described in the 2000 EIR.

Mitigation Measures: None required.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding hydrology and water quality, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

XI. Land Use and Planning

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Physically divide an established community?	Draft EIR pp. 4.1-9, 4.1-11	No	No	No	None
b) Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation of an agency adopted for the purpose of avoiding or mitigating an environmental effect?	Draft EIR pp. 4.1-10, 4.1-11	No	No	No	None

Discussion: The 2000 EIR determined that the project would not represent "leap frog" development or promote urban sprawl. At the time, an open space area provided a separation of approximately 400 feet between the nearest homes that were proposed to be built as part of the adjacent Woodcreek East Project and land used for industrial purposes. In addition, the Woodcreek East Project was proposed to be built approximately 950 feet west of Foothills Boulevard and the annexation area, which provided a buffer that separated project development from residential uses. Because the project was determined to be consistent with LAFCO policies, impacts associated with physically dividing an established community were determined to be less than significant.

In addition, the 2000 EIR determined that the project would be consistent with the adopted definition of light industrial uses under the Sunset Industrial Area Plan due to a portion of the project being located within Placer County's Sunset Industrial Area and being designated and zoned for light industrial development (this part of the project site was later annexed into the City of Roseville). Also, the 2000 EIR determined that the project was consistent with the City's planned and existing land uses within the project area due to the project being located within the City of Roseville's Sphere of Influence. Because the project was determined to be consistent with Placer County's and the City of Roseville's adopted plans and policies for future development in the area, impacts related to the project conflicting with City or County land use plans, policies, or regulations were determined to be less than significant.

The project modifications would include the development of office and warehouse buildings totaling approximately 361,000 square feet to support light industrial, as well as research and development uses. The project modifications are an element of the Foothill Business Park Annexation Project and are within the scope of activities covered in the 2000 EIR.

As described in the project description, surrounding uses currently include light industrial buildings for construction supply, a fitness center, a faith-based community organization, and a manufacturer. Pleasant Grove Creek is located to the north of the project site. As such, the project

site is in a developed area that is already used for light industrial purposes. Further, the project modifications would not create any new physical barriers or otherwise physically divide the established community beyond what was analyzed in the 2000 EIR.

Further, the project site is currently designated and zoned for light industrial uses in the City of Roseville General Plan and zoning ordinance. Because the project modifications would involve the development of office and warehouse buildings designed to support light industrial as well as research and development uses, the proposed modifications would be consistent with activities permitted under the land use designation and zoning of the project site. Therefore, the project modifications would be consistent with the conclusion in the 2000 EIR concerning conflicts with local plans, policies, and regulations implemented for the purpose of mitigating a significant environmental effect.

Mitigation Measures: None required.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding land use and planning, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

XII. Mineral Resources

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?	Initial Study p. 30	No	No	No	None
b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?	Initial Study p. 30	No	No	No	None

Discussion: The 2000 EIR determined that there were no mineral resource sites present within the project area. The Placer County General Plan at the time did not identify any portion of the site as a locally important mineral resource recovery site. As such, the 2000 EIR concluded that development of the project would not result in the loss of availability of a known mineral resource that would be of future value to the region or the State. It was thus determined that there would be no impact (see Appendix A, "NOP and Initial Study").

The project modifications would be located on a 65-acre property in the northern part of the City of Roseville, which is the same project site evaluated in the 2000 EIR. Neither the Placer County nor the City of Roseville General Plans identify any portion of the project site as a locally important mineral resource recovery site. Hence, there are no mineral resource recovery sites present on the project site. Therefore, the project modifications would be consistent with the conclusion in the 2000 EIR concerning the loss of availability of a known mineral resource that would be of future value to the region or the state.

Mitigation Measures: None required.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding mineral resources, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

XIII. Noise

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents' Mitigation Measures Implemented or Addressing Impacts.
a) Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?	Draft EIR pp. 4.7-10 and 4.7-12; Initial Study p. 34	No	No	No	None
b) Generation of excessive ground borne vibration or ground borne noise levels?	Draft EIR p. 4.7-13; Initial Study p. 34	No	No	No	None
c) For a project located within the vicinity of a private airstrip or an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?	Initial Study p. 34	No	No	No	None

Discussion: The 2000 EIR determined that impacts from a temporary noise increase due to earthmoving and general construction activities associated with the project would be less than significant because noise levels at sensitive receptors would not exceed City standards, construction activities would be short-term in nature, and project construction would comply with the noise provisions in the City code. In addition, it was determined in the 2000 EIR that impacts associated with the exposure of adjacent future residences to operational noise as a result of the project would be less than significant. This is because of the open space buffer around the nearby Woodcreek East project that would shield future residences from most operational noise and project activities would comply with the City's noise ordinance. Further, the 2000 EIR determined that impacts associated with ground borne noise or vibration would be less than significant because the project would comply with the City's noise ordinance. Finally, because the project site is not located within the vicinity of a private airstrip, airport land use plan, or within two miles of a public airport or public use airport, the 2000 EIR determined there was no impact associated with the exposure of people residing or working in the project area to excessive noise levels generated by airport activities (see Appendix A, "NOP and Initial Study").

The project modifications would include the development of office and warehouse buildings totaling approximately 361,000 sq ft to support light industrial, as well as research and development uses. The project modifications are an element of the Foothill Business Park Annexation Project and are within the scope of activities covered in the 2000 EIR. The project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR.

Since certification of the 2000 EIR, the project area has continued to develop with primarily light industrial uses consistent with the applicable land uses and zoning. The site is also exposed to railroad, industrial, aircraft, vehicle traffic, and residential noise. The closest sensitive receptors include residents of the Woodcreek East project to the northwest and a faith-based community organization immediately to the west.

According to the City of Roseville's Municipal Code (Chapter 9.24.030 Exemptions), noise from the construction (e.g., construction, alteration, or repair activities) is exempt between the hours of 7:00 a.m. and 7:00 p.m. Monday through Friday and between the hours of 8:00 a.m. and 8:00 p.m. Saturday and Sunday provided, however, that all construction equipment is fitted with factory installed muffling devices and that all construction equipment shall be maintained in good working order (Ord. 3638 Section 1, 2001.). As described in the project description, all proposed construction activity would occur within the daytime hours, established by the City of Roseville. Thus, construction-generated noise would not exceed the maximum noise limits established by the City and would not result in substantial noise levels that could adversely affect nearby receptors. With the implementation of the project modifications, potential construction noise impacts would be similar to those identified in the 2000 EIR. Furthermore, because of compliance with the ordinance and that construction activities would not occur during the noise-sensitive hours of the day as described above, the noise impact at the new receptors that currently exist would be the same as those currently analyzed in the 2000 EIR.

Project operation would result in an increase in traffic volumes along project-affected roadways. However, the project modifications would generate a similar type and volume of trips compared with the overall project evaluated in the 2000 EIR. Although impacts related to traffic noise were not evaluated in the 2000 EIR, traffic noise impacts associated with the modified project would be similar to any traffic noise that would have been generated by the overall project that was evaluated in the 2000 EIR.

Although actual tenants are not known yet, the project modifications would likely include non-transportation stationary sources such as heating, ventilation, and air conditioning (HVAC) units; noise associated with the use of trucks and loaders/forklifts at loading docks; and noise from backup generators, similar to those described in the 2000 EIR. Exterior activities associated with the nearby faith-based community center would not be sensitive to noise and would be considered noise generating. Although the interior of the faith-based community center would be considered noise sensitive, the exterior-to-interior abatement of noise would be substantial and, given the distance of the project site to the actual structure, interior noise levels would not likely exceed City noise level standards. Due to the distance from the project site, other off-site noise-sensitive receptors would also not likely experience project-generated operational non-transportation noise levels that exceed the City's daytime and nighttime noise levels standards. Further, the project modifications would be required to comply with the City's Noise Ordinance, which limits noise levels from stationary sources. Therefore, operational noise impacts would be similar to or slightly reduced compared to those identified in the 2000 EIR.

Mitigation Measures: None required.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding noise, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

XIV. Population and Housing

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Induce substantial unplanned population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, though extension of roads or other infrastructure)?	Draft EIR p. 5-17; Initial Study p. 14	No	No	No	None
b) Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?	Initial Study p. 14	No	No	No	None

Discussion: The 2000 EIR determined that the project would directly cause population growth and increase demand for housing in the Roseville area by allowing for the construction of approximately 883,906 square feet of light industrial uses and associated infrastructure. However, the 2000 EIR concluded that the project would likely accelerate growth that is already planned (as part of the City and County general plans), rather than inducing growth that would not occur without the project.

Moreover, due to the project site being undeveloped at the time, the 2000 EIR determined that implementation of the project would not affect any existing housing units nor displace individuals, and thus would not necessitate the construction of replacement housing elsewhere in the City of Roseville or unincorporated Placer County. Therefore, it was determined that there would be no impacts associated with the potential of the project to displace substantial numbers of people or housing (see Appendix A, “NOP and Initial Study”).

The project modifications would include the development of office and warehouse buildings totaling approximately 361,000 sf to support light industrial, as well as research and development uses. The project modifications are an element of the Foothill Business Park Annexation Project and are within the scope of activities covered in the 2000 EIR. As described in the project description, it is estimated that 288 employees would be employed once the project modifications are built out. It is not possible at this time to predict the residential location of future employees of the project and it is possible that the jobs generated by the project modifications could draw employees from outside of Roseville. However, given the existing number of workers within Roseville and the future buildout of multiple specific plan areas within the City, implementation of the project modifications would not induce substantial unplanned population growth or increased housing demand in the area beyond what has been addressed in the 2000 EIR, either directly or indirectly. The impact would thus be consistent with the findings of the 2000 EIR.

The site is vacant, undeveloped, and does not contain any housing units. Hence, consistent with the findings of the 2000 EIR, the project modifications would not affect any existing housing units nor displace individuals, and thus would not necessitate the construction of replacement housing elsewhere in the City.

Mitigation Measures: None required.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding population and housing, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

XV. Public Services

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, or need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services:					
a) Fire protection?	Draft EIR p. 4.8-28	No	No	No	Yes
b) Police protection?	Draft EIR p. 4.8-23	No	No	No	None
c) Schools?	Initial Study p. 36	No	No	No	None
d) Parks?	Initial Study p. 36	No	No	No	None
e) Other public facilities?	Initial Study p. 36	No	No	No	None

Discussion: As identified in the 2000 EIR, because the project consisted of an industrial development, it was determined that the project would not generate demand for school or library services, parks and recreational facilities, or other public facilities. Therefore, impacts related to the need for and provision of new schools, libraries, parks, and other public facilities as a result of the project were concluded to be less than significant (see Appendix A, “NOP and Initial Study”).

Moreover, as stated in the 2000 EIR, it was determined that the project would result in the need to provide fire and police services to the project site. The 2000 EIR concluded that impacts associated with the need for new or physically altered police facilities as a result of the project would be less than significant because existing police services would be able to adequately serve the project site. However, impacts associated with the need for new or physically altered fire protection facilities as a result of the project were determined to be potentially significant because of uncertainty over whether there was adequate water pressure for fire service at the project site at the time. Mitigation was adopted requiring the

project applicant to comply with the City's fire flow standards to ensure that adequate water pressure exists; after mitigation, this impact was concluded to be less than significant.

The project modifications would include the development of office and warehouse buildings totaling approximately 361,000 sq ft to support light industrial, as well as research and development uses. The project modifications are an element of the Foothill Business Park Annexation Project and are within the scope of activities covered in the 2000 EIR. The project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR. Thus, the project modifications would not increase demands for public services beyond what was analyzed in the 2000 EIR. The project modifications would thus be consistent with the conclusion in the 2000 EIR concerning impacts associated with fire and police facilities. Additionally, since 2000, the project site has been annexed into the City of Roseville and Foothills Boulevard has been extended.

Because the project modifications consist of an industrial development and are within the scope of activities covered in the 2000 EIR, the project modifications would not generate demand for school or library services, parks and recreational facilities, or other public facilities beyond what was analyzed in the 2000 EIR. Thus, the project modifications would be consistent with the conclusion in the 2000 EIR concerning impacts associated with schools, libraries, parks and recreation, and other public facilities.

Mitigation Measures: See the project description, above, for a list of mitigation measures that were adopted upon approval of the 2000 EIR and would be applicable to the mitigation of impacts associated with the project modifications, as well as a list of project commitments that are consistent with and implement the 2000 EIR mitigation measures.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding public services, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

XVI. Recreation

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that physical deterioration of the facility would occur or be accelerated?	Initial Study p. 46	No	No	No	None
b) Does the project include recreational facilities or require the construction or expansion of recreational facilities which might have an adverse physical effect on the environment?	Initial Study p. 46	No	No	No	None

Discussion: As identified in the 2000 EIR, because the project consisted of an industrial development, it was determined that the project would not generate demand for parks and recreational facilities (the demand for which is typically generated by residential uses). Therefore, impacts related to the use of parks and recreational facilities as well as the need for new or expanded parks and recreational facilities as a result of the project were concluded to be less than significant (see Appendix A, "NOP and Initial Study").

The project also originally included a 19-acre area of land located north of Pleasant Grove Creek that was designated for open space and the construction of a bike trail connection from Foothills Boulevard west to the Woodcreek East Project. Since 2000, the bike trail connection from Foothills Boulevard west to the Woodcreek East Project has been completed. The project no longer includes the 19-acre area of land designated for open space.

The project modifications would include the development of office and warehouse buildings totaling approximately 361,000 sq ft to support light industrial, as well as research and development uses. The project modifications are an element of the Foothill Business Park Annexation Project and are within the scope of activities covered in the 2000 EIR. The project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR. Thus, the project modifications would not increase demands for recreational facilities beyond what was analyzed in the 2000 EIR.

Because the project modifications consist of an industrial development, are within the scope of activities covered in the 2000 EIR, and do not include new recreational facilities, the project modifications would not generate demand for parks and recreational facilities beyond what was analyzed in the 2000 EIR. As a result, the project modifications would be consistent with the conclusion in the 2000 EIR concerning impacts associated with the use of existing neighborhood and regional parks or other recreational facilities and the need for new or expanded recreational facilities.

Mitigation Measures: None required.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding recreation, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

XVII. Transportation

Senate Bill 743, passed in 2013, required the Governor's Office of Planning and Research to develop new CEQA Guidelines that address traffic metrics under CEQA. As stated in the legislation (and Section 21099[b][2] of CEQA), upon adoption of the new CEQA guidelines, "automobile delay, as described solely by level of service (LOS) or similar measures of vehicular capacity or traffic congestion shall not be considered a significant impact on the environment pursuant to this division, except in locations specifically identified in the CEQA guidelines, if any."

The Office of Administrative Law approved the updated CEQA Guidelines on December 28, 2018, and the changes are reflected in new CEQA Guidelines (Section 15064.3). State CEQA Guidelines Section 15064.3 was added December 28, 2018, to address the determination of significance for transportation impacts. Pursuant to the new CEQA Guidelines, vehicle miles traveled (VMT) will replace congestion as the metric for determining transportation impacts. The CEQA Guidelines state that "lead agencies may elect to be governed by these provisions of this section immediately. Beginning July 1, 2020, the provisions of this section shall apply statewide." As of December 28, 2018, "automobile delay, as described solely by level of service [LOS] or similar measures of vehicular capacity or traffic congestion shall not be considered a significant impact on the environment pursuant to this division, except in locations specifically identified in the guidelines, if any." (PRC Section 21099[b][2]; see also *Citizens for Positive Growth & Preservation v. City of Sacramento* [2019] 43 Cal.App.5th 609, 625-626.)

The 2000 EIR was certified on September 13, 2000. As described above, the updated CEQA Guidelines were not adopted until December 28, 2018, subsequent to certification of the 2000 EIR in 2000. Section 15007 of the CEQA Guidelines addresses amendments to the CEQA Guidelines and states: "If a document meets the content requirements in effect when the document is sent out for public review, the document shall not need to be revised to conform to any new content requirements in Guideline amendments taking effect before the document is finally approved" (CEQA Guidelines Section 15007[c]). Stated another way, because the EIR was circulated for public review (and completed) before this change in the CEQA Guidelines, the new provisions regarding VMT do not apply to this project. Therefore, the shift from automobile delay to VMT as the primary metric used to analyze transportation impacts under CEQA, as dictated by CEQA Guidelines Section 15064.3, does not constitute either "significant new information" as defined in CEQA Guidelines section 15088.5 (recirculation) or "new information" as defined in CEQA Guidelines Section 15162 (subsequent review). And even if might constitute "significant new information" or "new information" under those definitions, CEQA Guidelines Section 15007, subdivision (c), specifically directs that the document "shall not need to be revised" to reflect this information.

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Conflict with a program, plan, ordinance or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?	Draft EIR p. 4.5-36	No	No	No	None
b) Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?	Not evaluated	No	No	No	None
c) Substantially increase hazards due to a geometric design feature(s) (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?	Initial Study p. 25	No	No	No	None
d) Result in inadequate emergency access?	Initial Study p. 25	No	No	No	Yes

Discussion: As discussed in the 2000 EIR, project impacts associated with increased traffic on state and local roadways as well as increased demand for transit services and bicycle trips were determined to be less than significant. The 2000 EIR also stated that the project would be designed to provide emergency access and adequate circulation using applicable traffic engineering standards. Adjacent agricultural operations at the time consisted primarily of grazing, meaning that the use of farm equipment on public roadways with access to the project site would be minimal, which would limit potential incompatibilities. Thus, impacts related to design features were considered less than significant. Impacts related to emergency access for the parcel north of Pleasant Grove Creek, however, were considered to be potentially significant in the 2000 EIR due to the potential for farm equipment to block emergency access there. The 2000 EIR concluded that the implementation of the mitigation measures described therein would mitigate this impact to a less-than-significant level.

Since certification of the 2000 EIR, the project no longer includes the 19-acre area of land designated for open space (which was originally included in the project analyzed in the 2000 EIR and located north of Pleasant Grove Creek). The project modifications would be located on 29 acres south of Pleasant Grove Creek. Thus, no impacts related to emergency access north of Pleasant Grove Creek would occur. Additionally, since certification of the 2000 EIR, bus service has expanded with the City and two routes provide service to the project area. Local Route R provides service between the Louis Orlando Transit Center, just south of Interstate 80 and the project site, primarily along Foothills Boulevard. Local Route S provides service between the Galleria transfer point and the Santucci Justice Center, primarily along Industrial Boulevard. Finally, Winding Creek Road has been constructed since certification of the 2000 EIR. No improvements are proposed along Winding Creek Road as part of the project modifications.

The project modifications would include the development of office and warehouse buildings totaling approximately 361,000 sq ft to support light industrial, as well as research and development uses. The project modifications are an element of the Foothill Business Park Annexation Project and are within the scope of activities covered in the 2000 EIR. The project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR. Further, pursuant to the tiering provisions of CEQA, projects consistent with the General Plan will not require VMT analysis. Quantitative analysis would not be required if it can be demonstrated that the project would generate VMT which is equivalent to or less than what was assumed in the General Plan EIR. Since approval of the 2035 General Plan, the City has not annexed new land, substantially changed roadway network assumptions, or made any other changes to the 2035 assumptions which would require an update to the City's VMT thresholds contained within the General Plan EIR. Therefore, the threshold of 12.8 VMT/capita remains appropriate. The project is zoned Light Industrial and has a consistent land use designation of Light Industrial. Thus, the project modifications would not increase the number of employee and truck trips beyond what was analyzed in the 2035 General Plan EIR.

As analyzed in the 2000 EIR, the project would not conflict with adopted policies, plans, or programs supporting alternative transportation. As noted above, expanded bus service is available in the project area, compared with what was available when the 2000 EIR was certified. Additionally, bicycle and pedestrian facilities are available in the project area. Consistent with conclusions of the 2000 EIR, the project modifications would not conflict with adopted policies, plans, or programs supporting alternative transportation.

As described above, the project modifications do not include improvements along Winding Creek Road, which is an existing roadway that would provide access to the project site. Driveways would be installed on the project site connecting to an internal vehicular circulation system that would provide access to a surface parking lot. The buildings would be organized around a main driveway designed for large truck circulation,

while pedestrian and vehicular paths would circle the site perimeter. The project modifications would adhere to City design standards. Thus, the project modifications would not result in hazards due to its proposed geometric design features.

Several emergency services are located within the project area. Roseville Fire Station #7 is situated on Highland Point Drive, which is located approximately 2.5 miles from the project site. Roseville Police headquarters are located at 1051 Junction Boulevard, approximately 3.5 miles from the project site. Roseville's existing roadway and transportation network provides accessibility for fire, police, and other emergency service providers. Additionally, traffic signals in Roseville include emergency vehicle pre-emption equipment that would allow emergency responders to turn the signal green, allowing for efficient access to the scene. Thus, the project modifications would not result in inadequate emergency access.

Mitigation Measures: None required.

Mitigation measures were included in the 2000 EIR requiring the City to update its Capital Improvement Program (CIP) to include improvements to Blue Oaks Boulevard/Foothills Boulevard to improve intersection operation and update its Long-Range Transit Master Plan to include the project. Thus, these mitigation measures are no longer applicable.

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding transportation, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

XVIII. Tribal Cultural Resources

Assembly Bill (AB) 52, signed by the California governor in September of 2014, establishes a new class of resources under CEQA: "tribal cultural resources." It requires that lead agencies undertaking CEQA review must, upon written request of a California Native American tribe, begin consultation after the lead agency determines that the application for the project is complete, before a notice of preparation (NOP) of an EIR or notice of intent to adopt a negative declaration or mitigated negative declaration is issued. AB 52 also requires revision to CEQA Appendix G, the environmental checklist. This revision has created a new category for tribal cultural resources (TCRs).

The 2000 EIR does not address TCRs because it was not required to do so. The NOP for the 2000 EIR was issued on February 3, 2000 (SCH #2000022007), and AB 52 went into effect on July 1, 2015. Because the NOP was released before AB 52 went into effect, the 2000 EIR was not required to address TCRs. Further, because this Addendum tiers from the 2000 EIR, it also is not required to address TCRs.

XIX. Utilities and Service Systems

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?	Draft EIR p. 4.8-1	No	No	No	Yes
b) Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?	Draft EIR p. 4.8-1	No	No	No	Yes
c) Result in a determination by the wastewater treatment provider which serves the project that it has adequate capacity to serve the project's projected demand in addition of the provider's existing commitments?	Draft EIR p. 4.8-2	No	No	No	None
d) Generate solid waste in excess of State or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?	Initial Study p. 39	No	No	No	None
e) Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?	Initial Study p. 39	No	No	No	None

Discussion: As described in the 2000 EIR, project impacts related to the need for relocation or construction of new or expanded electrical infrastructure were determined to be less than significant. Impacts related to the need for relocation or construction of new or expanded water infrastructure in the City were determined to be potentially significant under all water distribution options described in the 2000 EIR and would be mitigated to less-than-significant levels with the implementation of the mitigation measures described in the 2000 EIR under each scenario. Impacts associated with increased demand for wastewater treatment and conveyance, wastewater collections systems, and wastewater treatment plants were all determined to be less than significant. Project impacts related to solid waste were determined to be less than significant (see Appendix A, "NOP and Initial Study").

When the 2000 EIR was certified, the project's water supply was unknown. Thus, mitigation measures were included in the 2000 EIR for multiple water supply options, including obtaining water from the Placer County Water Agency (PCWA) or San Juan Water District (SJWD). As described in the project description, water supply for the project modifications would be provided by the City of Roseville Environmental Utilities (thus, these mitigation measures are no longer applicable). A water supply assessment (WSA) is not required for the project modifications because the project modifications do not meet the Senate Bill 610 criteria for industrial uses, which requires a WSA to be prepared for "(5) A proposed industrial, manufacturing, or processing plant, or industrial park planned to house more than 1,000 persons, occupying more than 40 acres of land, or having more than 650,000 square feet of floor area." As described in the project description, the project modifications would employ 288 persons, occupy 29 acres of land, and develop approximately 361,000 sq ft of building area.

The project modifications would include the development of office and warehouse buildings totaling approximately 361,000 to support light industrial, as well as research and development uses. The project modifications are an element of the Foothill Business Park Annexation Project and are within the scope of activities covered in the 2000 EIR. The project modifications would be constructed on the same project site on which the original project was proposed and would not change the type and intensity of development compared with what was analyzed in the 2000 EIR. Thus, the project modifications would not increase demands for utilities services beyond what was analyzed in the 2000 EIR. As described in the project description, existing utility infrastructure is located within and along Winding Creek Road and the project modifications would require tying into the existing water, wastewater, stormwater, and electrical infrastructure to serve the future development of the site. In addition to water supply which is described above, wastewater service would be provided by the City of Roseville Environmental Utilities, electrical service would be provided by Roseville Electric, and solid waste collection services would be provided by the City of Roseville. Specific water and wastewater demands will depend on final site plans and specific uses for the project site. The project modifications are consistent with City planning and, therefore, it is anticipated that existing infrastructure is sufficient to support the project's needs. As described in the project description, the City will provide a "will serve" letter after the Design Review Permit is approved. Therefore, potential significant environmental impacts from the project modifications associated with utilities and service systems would be consistent with the conclusions in the 2000 EIR.

Mitigation Measures: None required.

As noted above, when the 2000 EIR was certified, the project's water supply was unknown. Thus, mitigation measures were included in the 2000 EIR for multiple water supply options, including obtaining water from PCWA or SJWD. As described in the project description, water supply for the project modifications would be provided by the City of Roseville Environmental Utilities (thus, these mitigation measures are no longer applicable).

Conclusion: As described above, changes introduced by the project and/or new circumstances relevant to the project would not, as compared to the EIR, result in a new significant impact or substantially more severe significant impact than previously disclosed. Nor is there new

information showing that new mitigation measures or alternatives (or mitigation measures or alternatives previously found not to be feasible) are available to substantially reduce significant impacts but the project applicant declines to adopt the mitigation measure or alternative. Therefore, regarding utilities and service systems, none of the criteria identified in Section 15162 of the State CEQA Guidelines are met, and no subsequent CEQA document is necessary.

XX. Wildfire

Wildfire was not addressed in the 2000 EIR because a wildfire analysis was not required at that time. The 2000 EIR was certified on September 13, 2000. Changes to Appendix G of the State CEQA Guidelines were adopted in December 2018, at which time wildfire was added as a new resource to be evaluated in CEQA documents. As such, the updated CEQA Guidelines were adopted subsequent to certification of the 2000 EIR. Section 15007 of the CEQA Guidelines addresses amendments to the CEQA Guidelines and states: "If a document meets the content requirements in effect when the document is sent out for public review, the document shall not need to be revised to conform to any new content requirements in Guideline amendments taking effect before the document is finally approved" (CEQA Guidelines Section 15007[c]). Stated another way, because the EIR was circulated for public review (and completed) before this change in the CEQA Guidelines, the new provisions regarding wildfire do not apply to this project. Therefore, the addition of wildfire-specific considerations to Appendix G does not constitute "new information" as defined in CEQA Guidelines. Section 15162 and, even if it was "new information," CEQA Guidelines Section 15007 directs that the document "shall not need to be revised" to reflect this information.

According to the *City of Roseville General Plan* (2020) and consistent with the Fire Hazard Severity Zone (FHSZ) map database available from the California Department of Forestry and Fire Protection (2024), the city is designated as a local responsibility area (LRA) and there are no "Very High" FHSZ within the city. The closest SRA to the city of Roseville is located east and northeast of the cities of Rocklin and Loomis, respectively. The closest areas designated as "Very High" FHSZs are areas within the cities of El Dorado County and Auburn (CAL FIRE 2024). The flat topography of the project site and its proximity to water (Pleasant Grove Creek) do not exacerbate wildfire risk. Because the location and topography of the project site do not exacerbate wildfire risk, factors such as slope and prevailing wind would not further exacerbate the wildfire risk because the risk is already minimal; therefore, the project modifications would not result in a new significant impact or substantially more severe significant impact than previously disclosed regarding the potential to expose project occupants or workers to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire due to slope, prevailing winds, and other factors. In addition, the project modifications would not result in a new significant impact or substantially more severe significant impact than previously disclosed regarding the potential to expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes.

XXI. Mandatory Findings of Significance

	Where Impact Was Analyzed in Prior Environmental Documents.	Do Proposed Changes Involve New Significant Impacts or Substantially More Severe Impacts?	Any New Circumstances Involving New Significant Impacts or Substantially More Severe Impacts?	Any New Information Requiring New Analysis or Verification?	Prior Environmental Documents Mitigation Measures Implemented or Addressing Impacts.
a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number or restrict the range of an endangered, threatened or rare species, or eliminate important examples of the major periods of California history or prehistory?	Initial Study (Biological Resources and Cultural Resources) and EIR Section 4.3, "Biological Resources"	No	No	No	None
b) Does the project have impacts which are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects.)	EIR Section 5.2, "Cumulative Impacts"	No	No	No	None
c) Does the project have environmental effects which will cause substantial adverse effects on human beings, either directly or indirectly?	Initial Study and EIR	No	No	No	None

Discussion: All applicable mitigation measures identified in the 2000 EIR to avoid and reduce impacts are integrated into the Foothills Commerce Center Project and project commitments are also identified to further reduce potential impacts. Given the nature of the project (i.e., development of light industrial uses on a site that is zoned for industrial uses and surrounded by similar uses) and the integration of these measures, the project modifications would not substantially degrade the quality of the environment. As described under "Biological Resources," of this Addendum, the project modifications would not significantly affect fish or wildlife habitat or species. The project site is located in an industrial area and impacts would be addressed by mitigation measures and project commitments included in this Addendum. As described under "Cultural Resources," portions of the project site are considered sensitive for cultural resources. Further, mitigation measures and project commitments would avoid disturbance, disruption, or destruction of inadvertent archaeological resource discoveries. Therefore, the project

modifications would not eliminate any examples of the major periods of California history or prehistory. Overall, the project modifications would result in similar impacts to biological and cultural resources as identified in the 2000 EIR.

Significant and unavoidable impacts were identified in the 2000 EIR related to biological resources, aesthetics, and air quality. Additionally, cumulatively considerable impacts were identified in the 2000 EIR related to flooding and drainage, biological resources, aesthetics, transportation and circulation, air quality, and public services and utilities. As described in this Addendum, the project modifications would result in similar impacts to those identified in the 2000 EIR and would not result in new significant or substantially more severe impacts. Therefore, the project modifications would not incrementally contribute to any cumulatively considerable impacts beyond those analyzed in the 2000 EIR. No conditions have substantially changed, and no new information has become available since certification of the 2000 EIR that would alter the previous analysis.

Construction and operational emissions generated by the project were evaluated in the 2000 EIR. These impacts were also addressed in the Findings adopted by the City in connection with its certification of the 2000 EIR. Effects of the project modifications would not result in substantial adverse effects on human beings beyond those analyzed in the 2000 EIR. No conditions have substantially changed, and no new information has become available since certification of the 2000 EIR that would alter the analysis. No additional mitigation is available to reduce the project modifications' contribution to these impacts. Other impacts with the potential to affect human beings were determined to be less than significant in the 2000 EIR. Therefore, the project modifications would not result in substantial adverse effects on human beings beyond those analyzed in the 2000 EIR.

ENVIRONMENTAL DETERMINATION:

In reviewing the site specific information provided for this project and acting as Lead Agency, the City of Roseville, Development Services Department, Planning Division has analyzed the potential environmental impacts created by this project and determined that the findings of CEQA Section 15162 concerning the decision not to prepare a subsequent EIR or negative declaration and the findings of CEQA Section 15164 concerning the decision to prepare an Addendum can be made. As supported by substantial evidence within the Addendum to the Foothills Business Park Annexation Project EIR (SCH # 2000022007, certified on September 13, 2000) the Lead Agency makes the following findings:

[**X**] No substantial changes are proposed in the project which would require major revisions of the previous EIR or Mitigated Negative Declaration.

[**X**] No substantial changes have occurred with respect to the circumstances under which the project is undertaken.

[**X**] There is no new information of substantial importance which was not known and could not have been known with the exercise of due diligence at the time the previous EIR was certified as complete or the Mitigated Negative Declaration was adopted.

[**X**] Only minor technical changes or additions are necessary in order to deem the adopted environmental document adequate.

Addendum Prepared by:

Escarlet Mar, Associate Planner
City of Roseville, Development Services–Planning Division

ATTACHMENTS:

1. HELIX Environmental Planning. 2024a (June). *Foothills Commerce Center Project, Biological Resources Assessment*. Roseville, CA. Prepared for Mark IV Capital, Newport Beach, CA.
2. HELIX Environmental Planning. 2024b (June). *Results of Special-Status Plant Surveys for the Phase III Development Area of the Foothills Commerce Center Project, Roseville, Placer County, California*. Prepared for Mark IV Capital, Newport Beach, CA.
3. HELIX Environmental Planning. 2024c (March). *Foothills Commerce Center Tree Assessment Report, City of Roseville, Placer County.* Roseville, CA. Prepared for Mark IV Capital, Newport Beach, CA.
4. HELIX Environmental Planning. 2024d (April). *Foothills Commerce Center Project, Aquatic Resources Delineation Report*. Roseville, CA. Prepared for Mark IV Capital, Newport Beach, CA.
5. Terracon. 2023 (April). *Phase I Environmental Site Assessment, M4 Properties: 1001, 1101, 1130, 1200, 1300, 1400, 1401, 1600, and 1601 Winding Creek Road.* Sacramento, CA. Prepared for JPMorgan Chase Bank, Columbus, Ohio.
6. Terracon. 2024 (March). *Foothills Commerce Center, Geotechnical Engineering Report*. Sacramento, CA. Prepared for Mark IV Capital, Newport Beach, CA.

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HELIX Environmental Planning. 2024c (March). *Foothills Commerce Center Tree Assessment Report, City of Roseville, Placer County.* Roseville, CA. Prepared for Mark IV Capital, Newport Beach, CA.

HELIX Environmental Planning. 2024d (April). *Foothills Commerce Center Project, Aquatic Resources Delineation Report*. Roseville, CA. Prepared for Mark IV Capital, Newport Beach, CA.

HELIX Environmental Planning. 2024e (June). *Foothills Commerce Center Project, Cultural Resources Assessment and Extended Phase I Testing Report*. Roseville, CA. Prepared for Mark IV Capital, Newport Beach, CA.

Swainson's Hawk Technical Advisory Committee. 2000. Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley. Cited in HELIX 2024a.Terracon. 2023 (April). *Phase I Environmental Site Assessment, M4 Properties: 1001, 1101, 1130, 1200, 1300, 1400, 1401, 1600, and 1601 Winding Creek Road.* Sacramento, CA. Prepared for JPMorgan Chase Bank, Columbus, Ohio.

Terracon. 2024 (March). *Foothills Commerce Center, Geotechnical Engineering Report*. Sacramento, CA. Prepared for Mark IV Capital, Newport Beach, CA.

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US Fish and Wildlife Service. 2018. Destruction and Relocation of Migratory Bird Nest Contents. Available: https://www.fws.gov/sites/default/files/documents/Nest%20Memo_6.12.18_final.pdf. Cited in HELIX 2024a.

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HELIX Environmental Planning, Inc.
1677 Eureka Road, Suite 100
Roseville, CA 95661
916.435.1202 tel
619.462.0552 fax
www.helixepi.com

June 7, 2024 08593.00002.001

Tanner Wilson, Senior Vice President - California
Mark IV Capital, Inc.
4450 MacArthur Boulevard, Second Floor
Newport Beach, CA 92660

Subject: **Results of Special-Status Plant Surveys for the Phase III Development Area of the Foothills Commerce Center Project, Roseville, Placer County, California**

HELIX Environmental Planning, Inc. (HELIX) has prepared this letter report summarizing the results of special-status plant surveys for the ±29.1-acre Phase III Development Area of the overall ±65-acre Foothills Commerce Center project area. Surveys focused on special-status plants species with potential to occur in the Phase III Development Area and included big-scale balsamroot (*Balsamorhiza macrolepis*) and stinkbells (*Fritillaria agrestis*).

SITE LOCATION AND EXISTING CONDITIONS

The ±65-acre project area is located west of Industrial Avenue, north of Blue Oaks Boulevard, and south of Nichols Drive in the City of Roseville, Placer County, California. The project area is in Section 16 of Township 11 North and Range 6 East, as depicted on the U.S. Geological Survey (USGS) *Roseville, CA* 7.5-minute quadrangle map. The project area is located in an undeveloped portion of land that follows Pleasant Grove Creek and is surrounded by industrial and residential developments. The majority of the site is undeveloped, but evidence of previous development such as paved roads and sidewalks, detention basins, grading, and utilities are present on-site. This initial development is visible on aerial imagery beginning in 2002.

The Phase III Development Area is a ±29.1-acre portion of the overall ±65-acre project area that is comprised of non-native annual grassland (28.79 acres), developed/disturbed areas (0.18 acre), and upland detention basins (0.15 acre). Vegetation within the Phase III Development Area was high and dense at the time of the field surveys.

METHODS

Two focused surveys for big-scale balsamroot and stinkbells were conducted within the Phase III Development Area. One early-bloom season survey was conducted on April 11, 2024, by HELIX biologist, Marisa Brilts, and one late-bloom season survey was conducted on May 30, 2024 by HELIX biologist Christine Gonzalez.

During the field surveys, the biologists walked the entire ±29.1-acre Phase III Development Area and focused attention on the two species with potential to occur. The surveys were floristic in nature, and all plant species observed during the surveys were identified to the taxonomic level necessary to determine rarity and listing status.

RESULTS

No special-status plant species were observed in the Phase III Development Area during the surveys. A full list of plant species observed during the surveys is included in Attachment A.

CONCLUSION

The Phase III Development Area contains suitable habitat for two special-status plant species, but no special-status plants were observed in the Phase III Development Area during the surveys. Therefore, construction activities for the Phase III Development Area that are anticipated to occur in 2025 are not expected to impact special-status plant species. Subsequent focused special-status plant surveys shall be conducted before work commences on other portions of the project area.

Sincerely,

Christine Gonzalez

Christine Gonzalez
Biology Project Manager

Enclosure:

Attachment A – Plant Species Observed

Attachment A

Plant Species Observed

Family	Scientific Name	Common Name
Native		
Asparagaceae	*Brodiaea elegans*	Harvest brodiaea
Asteraceae	*Achyrachaena mollis*	Blow wives
	Baccharis pilularis	Coyote brush
	Holocarpha virgata	Narrow tarweed
	Micropus californicus	Q tips
Boraginaceae	*Amsinckia intermedia*	Common fiddleneck
	Plagiobothrys stipitatus	Stalked popcorn flower
Fabaceae	*Lupinus bicolor*	Miniature lupine
Orobanchaceae	*Castilleja campestris*	Yellow owl's clover
Papaveraceae	*Eschscholzia californica*	California poppy
Non-native		
Amaranthaceae	*Salsola tragus*	Russian thistle
Asteraceae	*Carduus pycnocephalus*	Italian thistle
	Centaurea solstitialis	Yellow star-thistle
	Chondrilla juncea	Skeleton weed
	Cirsium vulgaris	Bull thistle
	Leontodon saxatilis	Hawkbit
Brassicaceae	*Brassica nigra*	Black mustard
	Raphanus sativus	Wild radish
Convolvulaceae	*Convolvulus arvensis*	Field bindweed
Fabaceae	*Trifolium dubium*	Lesser trefoil
	Trifolium hirtum	Rose clover
	Vicia sativa	Common vetch
Geraniaceae	*Erodium botrys*	Storksbill
Poaceae	*Aegilops triuncialis*	Barbed goat grass
	Aira caryophyllea	Silver hairgrass
	Avena fatua	Wild oat
	Bromus diandrus	Ripgut brome
	Bromus hordeaceous	Soft brome
	Elymus caput-medusae	Medusahead
	Festuca myuros	Rattail sixweeks grass
	Festuca perennis	Italian ryegrass
	Hordeum murinum	Barley

HELIX Environmental Planning, Inc.
1677 Eureka Road, Suite 100
Roseville, CA 95661
916.435.1202 tel
619.462.0552 fax
www.helixepi.com

June 7, 2024 08593.00002.001

Tanner Wilson, Senior Vice President - California
Mark IV Capital, Inc.
4450 MacArthur Boulevard, Second Floor
Newport Beach, CA 92660

Subject: **Results of Special-Status Plant Surveys for the Phase III Development Area of the Foothills Commerce Center Project, Roseville, Placer County, California**

HELIX Environmental Planning, Inc. (HELIX) has prepared this letter report summarizing the results of special-status plant surveys for the ±29.1-acre Phase III Development Area of the overall ±65-acre Foothills Commerce Center project area. Surveys focused on special-status plants species with potential to occur in the Phase III Development Area and included big-scale balsamroot (*Balsamorhiza macrolepis*) and stinkbells (*Fritillaria agrestis*).

SITE LOCATION AND EXISTING CONDITIONS

The ±65-acre project area is located west of Industrial Avenue, north of Blue Oaks Boulevard, and south of Nichols Drive in the City of Roseville, Placer County, California. The project area is in Section 16 of Township 11 North and Range 6 East, as depicted on the U.S. Geological Survey (USGS) *Roseville, CA* 7.5-minute quadrangle map. The project area is located in an undeveloped portion of land that follows Pleasant Grove Creek and is surrounded by industrial and residential developments. The majority of the site is undeveloped, but evidence of previous development such as paved roads and sidewalks, detention basins, grading, and utilities are present on-site. This initial development is visible on aerial imagery beginning in 2002.

The Phase III Development Area is a ±29.1-acre portion of the overall ±65-acre project area that is comprised of non-native annual grassland (28.79 acres), developed/disturbed areas (0.18 acre), and upland detention basins (0.15 acre). Vegetation within the Phase III Development Area was high and dense at the time of the field surveys.

METHODS

Two focused surveys for big-scale balsamroot and stinkbells were conducted within the Phase III Development Area. One early-bloom season survey was conducted on April 11, 2024, by HELIX biologist, Marisa Brilts, and one late-bloom season survey was conducted on May 30, 2024 by HELIX biologist Christine Gonzalez.

During the field surveys, the biologists walked the entire ±29.1-acre Phase III Development Area and focused attention on the two species with potential to occur. The surveys were floristic in nature, and all plant species observed during the surveys were identified to the taxonomic level necessary to determine rarity and listing status.

RESULTS

No special-status plant species were observed in the Phase III Development Area during the surveys. A full list of plant species observed during the surveys is included in Attachment A.

CONCLUSION

The Phase III Development Area contains suitable habitat for two special-status plant species, but no special-status plants were observed in the Phase III Development Area during the surveys. Therefore, construction activities for the Phase III Development Area that are anticipated to occur in 2025 are not expected to impact special-status plant species. Subsequent focused special-status plant surveys shall be conducted before work commences on other portions of the project area.

Sincerely,

Christine Gonzalez

Christine Gonzalez
Biology Project Manager

Enclosure:

Attachment A – Plant Species Observed

Attachment A

Plant Species Observed

Family	Scientific Name	Common Name
Native		
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	Aira caryophyllea	Silver hairgrass
	Avena fatua	Wild oat
	Bromus diandrus	Ripgut brome
	Bromus hordeaceous	Soft brome
	Elymus caput-medusae	Medusahead
	Festuca myuros	Rattail sixweeks grass
	Festuca perennis	Italian ryegrass
	Hordeum murinum	Barley

HELIX Environmental Planning, Inc.
1677 Eureka Rd, Suite 100
Roseville, CA 95661
916.365.8700 tel
619.462.0552 fax
www.helixepi.com

March 1, 2024 Project # 08593.00002.001

Tanner Wilson
Mark IV Capital, Inc.
4450 MacArthur Boulevard, Second Floor
Newport Beach, CA 92660

Subject: Foothills Commerce Center Tree Assessment Report, City of Roseville, Placer County

Dear Mr. Wilson,

This letter documents the results of an arborist survey conducted for the Foothills Commerce Center Project in the City of Roseville, Placer County, California. HELIX Environmental Planning, Inc. (HELIX), was tasked with conducting a survey of trees on the site, as well as providing general preservation and avoidance guidance for trees that may be preserved on-site during and after construction. This letter report describes the methods and results of our arborist inventory.

INTRODUCTION

Project Location and Description

The proposed Foothills Commerce Center project (Project) is located in the City of Roseville in Placer County, California (Figure 1, *Site and Vicinity Map*). The 64.88-acre project site is composed of an undeveloped portion of land that follows Pleasant Grove Creek and is surrounded by industrial and residential developments. The Study Area is comprised of non-native annual grassland, developed/disturbed areas, swales, seasonal wetlands, vernal pools, disturbed riparian, and detention basins. Surrounding land uses include industrial business parks, residential developments, and undeveloped land along Pleasant Grove Creek (Study Area). The Study Area is located west of Industrial Avenue, north of Blue Oaks Boulevard, and south of Nichols Drive. The Study Area is situated in Section 16 of Township 11 North and Range 6 East, as depicted on the U.S. Geological Survey (USGS) *Roseville, CA* 7.5-minute quadrangle map. The approximate center of the Study area is at latitude 38.802415 and longitude -121.311518, NAD 83, and is located at elevations between 105 and 126 feet above mean sea

level. Several trees are present just outside the Study Area border, and some occur within Study Area among the non-native annual grasslands.

The proposed Project would include the construction of nine buildings consisting of warehouses and office space, along with some landscaping around the buildings. Preliminary site plans include the removal of a mature blue oak tree and a dead and dying mature blue oak tree although site plans are not finalized as of the date of preparation of this document.

Regulatory Background

The City of Roseville (City) has adopted measures for the preservation of native and non-native trees through the Code of Ordinances. A tree permit is required for the removal of any native oak with a trunk diameter at breast height (DBH) of six inches or greater. If protected trees are removed by the proposed Project, mitigation will be required per Section 16.66.070 of the City Code. The Approving Authority may condition any Tree Permit involving the removal of a protected tree upon the replacement of trees in kind. The replacement requirement shall be calculated based upon an inch for an inch replacement of the DBH of the removed tree(s) where a 15-gallon tree will replace one-inch DBH of the removed tree; a 24-inch box tree will replace two inches, and a 36-inch box tree will replace three inches. The replacement trees shall have a combined diameter equivalent to not less than the total diameter of the tree(s) removed. A minimum of 50 percent of the replacement requirement shall be met by native oaks. Up to 50 percent may be met by non-native species.

METHODS

HELIX biologist and ISA Certified Arborist, Dena Elimelech (WE-15122A), surveyed the Study Area on January 29, 2024. Woody plants in the Study Area were measured at 4.5 feet above grade (DBH). A diameter tape or calipers were used to verify each trunk diameter. The measurement from the trunk to the end of the longest lateral limb was estimated and used as the dripline radius. All accessible trees were numbered with a pre-printed aluminum tag. Overall health and structure of each tree was rated on a five-point scale between P (poor), F (fair), and G (good). Comments such as the number of trunks, irregularities, scars, or other growth characteristics or vigor indicators were recorded for each tree. Recommendations for preservation or removal were made based on each tree's condition. The location of each tree was recorded using an EOS Systems Arrow 100 Global Navigation Satellite System receiver with sub-meter accuracy.

RESULTS

Environmental Setting

The Study Area is composed of paved developed areas, aquatic resources, and non-native annual grasslands. Several trees occur within the Study Area along the perimeter of the site and two are within the interior of the site. See Attachment A for representative site photos.

Site Conditions

A majority of the Study Area is composed of non-native annual grasslands and wetlands that are bordered by oak trees. Two large, native oaks stand alone in the Study Area, one of which is in poor health.

Protected Trees

A total of 19 trees were inventoried (Trees #288-292, #1-11, #185-186, and #189) including four Fremont cottonwoods (*Populus fremontii*), seven coast redwoods (*Sequoia sempervirens*), two western sycamores (*Platanus occidentalis*), two non-native Bradford pears (*Pyrus calleryana*), two native blue oaks (*Quercus douglasii*), and two native valley oaks (*Quercus lobata*). Of these, only the blue oaks and valley oaks are protected under the City of Roseville Tree ordinance which protects native oak trees equal to or greater than six inches DBH measured as a total of a single trunk or multiple trunks. Refer to Attachment B for a summary of trees evaluated.

Of the 19 trees, four native oak trees are considered protected by the City of Roseville Code. If protected trees are removed by the proposed Project, mitigation will be required per Section 19.66.070 of the City Code. However, according to section 19.66.030 C, oak tree #186 may not require a tree permit for removal due to its poor health. The Approving Authority may condition any Tree Permit involving removal of a protected tree upon the replacement of trees in kind. The replacement requirement shall be calculated based upon an inch for an inch replacement of the DBH of the removed tree(s) where a 15-gallon tree will replace one-inch DBH of the removed tree; a 24-inch box tree will replace two inches, and a 36-inch box tree will replace three inches. The replacement trees shall have a combined diameter equivalent to not less than the total diameter of the tree(s) removed. A minimum of 50 percent of the replacement requirement shall be met by native oaks. Up to 50 percent may be met by non-native species. The Approving Authority may approve a replacement program using one of the following four methods or any combination of the four methods. The preferred alternative is on-site replacement.

A. Replacement Trees. Replacement trees may be planted on-site or in other areas where maintenance and irrigation are provided to ensure survival of the trees.

B. Relocation of Trees. In certain cases, the City may consider the relocation of native oak trees from one area in a project to another. Credit shall be given for relocation on the same basis as replacement. The guidelines and limitations for relocation are as follows:

1. The tree(s) being recommended for relocation must be approved by the Approving Authority whose decision will be based upon factors relating to health, type, size, time of year and proposed location.

2. The relocation of a tree shall be conditioned to require a secured five-year replacement agreement for the tree with security provided by the developer in a form satisfactory to the City Attorney. If at the end of five years the tree is deemed by an arborist to be in a substantially similar condition to that prior to the transplanting, the agreement will be terminated. If the tree dies during the five-year period, it shall be replaced as required by this section.

C. Revegetation Requirements. The Approving Authority may, instead of requiring replacement trees, require implementation of a revegetation plan. The developer shall enter into a written agreement with the City obligating the developer to comply with the requirements of the revegetation plan. A performance security or bond for 150 percent of the cost of the revegetation plan shall be required to ensure that the agreement is fulfilled. The Approving Authority shall approve the proposed plan. The revegetation program shall propagate native oak trees from seed using currently accepted methods. A revegetation program shall identify the seed source of the trees to be propagated, the location of the plots, the methods to be used to ensure success of the revegetation program, an annual reporting requirement, and the criteria to be used to measure the success of the plan. A revegetation program shall not be considered complete until the trees to be propagated have reached one-half inch in diameter or the revegetation plan demonstrates the need for alternative success criteria and achieves mitigation on an inch for inch basis as approved by the Planning Commission.

D. In-Lieu Mitigation Fee. The Approving Authority may determine that the remedies described above are not feasible or desirable and may require instead payment of a cash contribution based upon the cost of purchasing, planting, irrigating and maintaining the required number of 15-gallon trees. The cost of purchasing, planting, irrigating and maintaining a 15-gallon oak tree shall be set by City Council resolution. The cash contribution shall be deposited into one or both of the following funds as determined by the Planning Manager:

1. Native Oak Tree Propagation Fund. This fund shall be used to propagate, purchase, plant, protect and maintain native oak trees. Uses of the fund include, but are not limited to, purchasing property to plant or protect native oak trees, propagating native oak trees from seed or container stock and maintaining existing and replacement native oak trees.

2. Non-Native Tree Fund. This fund shall be used to purchase, plant, irrigate and maintain non-native trees within Roseville. Uses of the fund include, but are not limited to, purchasing and propagating non-native trees from seed or container stock and maintaining existing and replacement non-native trees. (Ord. 5428 § 1, 2014.)

Approximate tree locations within the Study Area are shown on Figure 2. Representative photographs of the Study Area are provided in Attachment A and tree data is provided in Attachment B.

TREE PROTECTION MEASURES

Tree protection recommendations to minimize the potential for injury or damage to avoided trees within or adjacent to the project footprint during construction are included as Attachment C. These recommendations should be integrated into the construction documents, as applicable to the Project.

CONCLUSION

There are a total of 19 trees on the site, four of which are protected and would require a tree removal permit and may require mitigation for their removal. However, tree #186 may not require a tree permit for removal due to its poor health. The appropriate tree preservation and protection measures should be implemented for onsite trees to be avoided during construction.

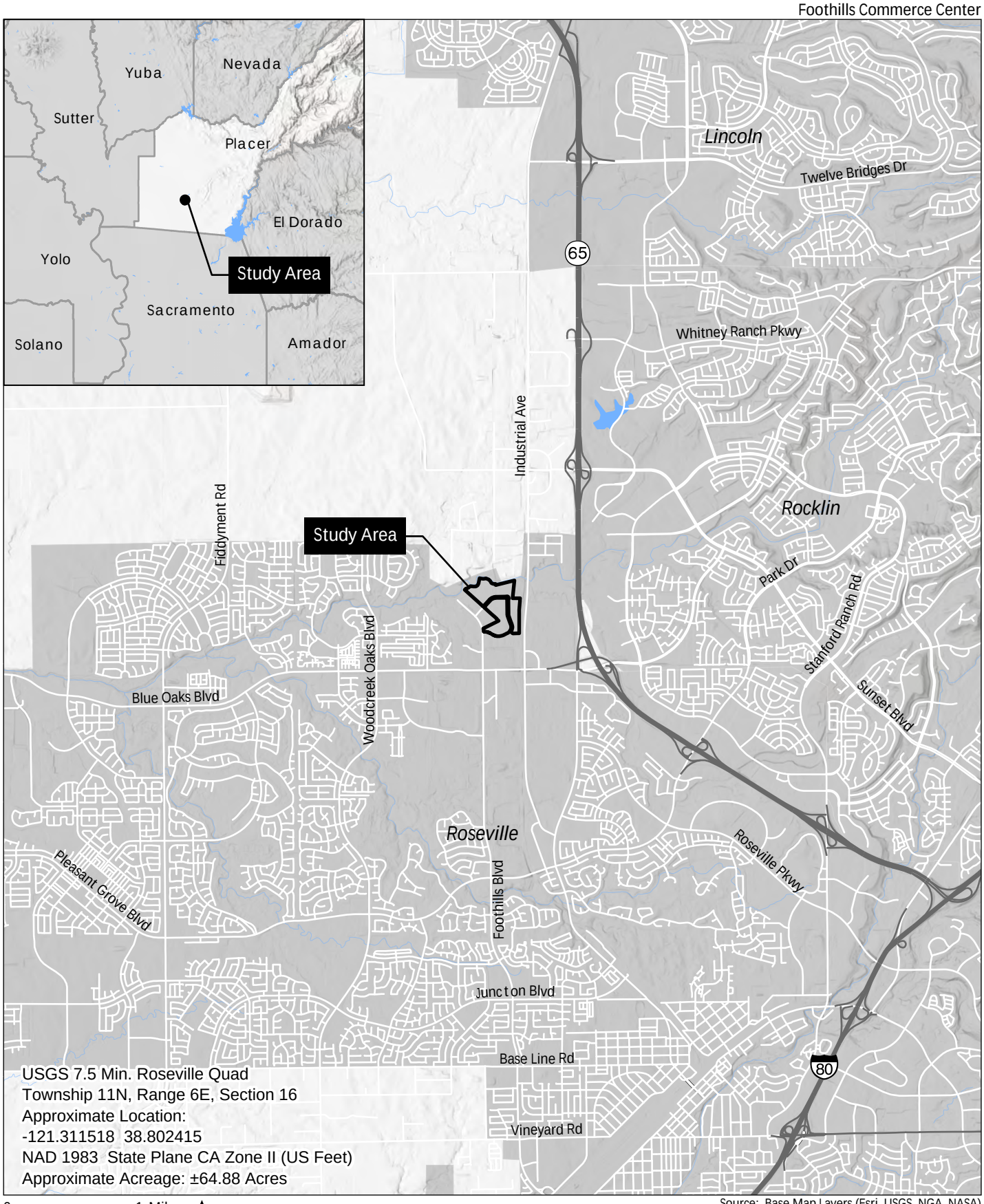
I appreciate the opportunity to assist you on this project.

Sincerely,

Dena Elimelech
ISA-Certified Arborist WE-15122A

Attachments:

Figure 1: Site and Vicinity
Figure 2: Approximate Tree Locations
Attachment A: Representative Site Photos
Attachment B: Tree Data
Attachment C: Tree Protection Measures

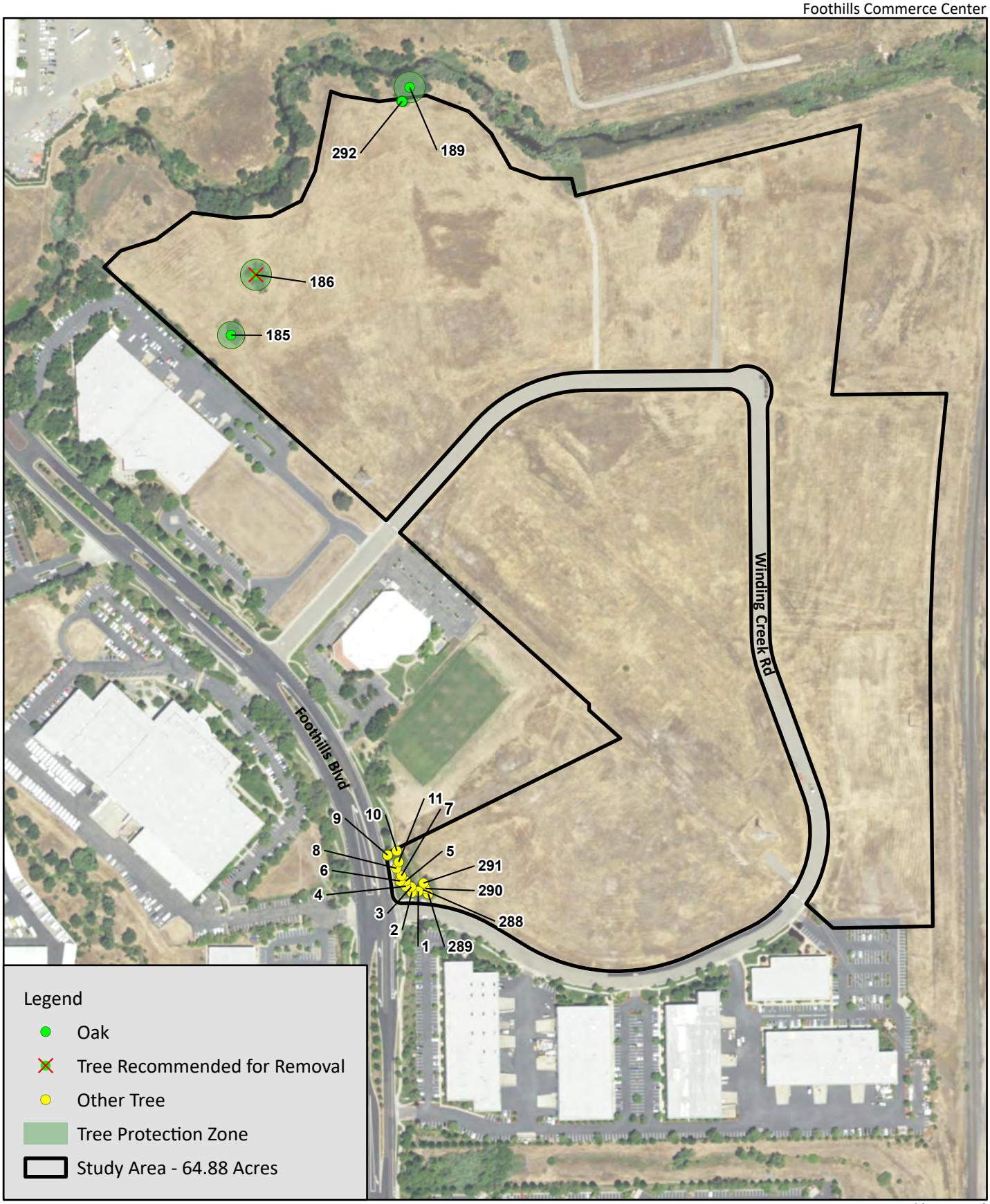


Source: Base Map Layers (Esri, USGS, NGA, NASA)

HELIX Environmental Planning

Site and Vicinity Map

Figure 1



Source: Aerial (NAIP, 2020)

HELIX Environmental Planning

Approximate Tree Locations

Figure 2

Attachment A

Representative Site Photos

Photo 1. Image of coast redwoods just outside the work site but within the study area. Date: January 29, 2024 Photographer: Dena Elimelech

Photo 2. Image of Fremont poplars by a culvert on the study area boundary. Date: January 29, 2024 Photographer: Dena Elimelech

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Photo 3. Representative image of the study area, row of trees just outside the boundary. Date: January 29, 2024 Photographer: Dena Elimelech

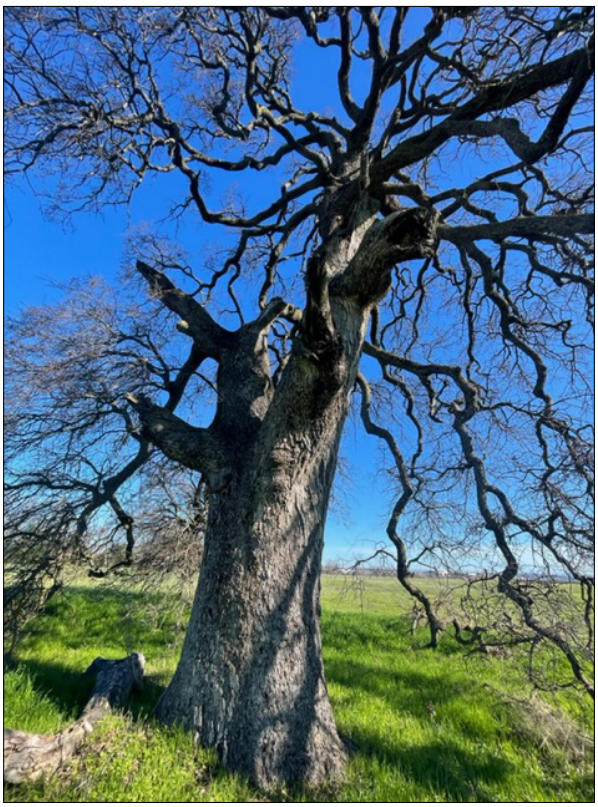

Photo 4. Image of tree #185, blue oak.
Date: January 29, 2024 Photographer: Dena Elimelech

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Photo 5. Image of tree #186, a dead and dying blue oak. Date: January 29, 2024
Photographer: Dena Elimelech

Photo 6. Image of healthy buds on a branch tree #292, valley oak.
Date: January 29, 2024 Photographer: Dena Elimelech

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Attachment B

Tree Data

Tree Number	Species	DBH (inches)	Dripline (ft)	Tree Protection Zone (ft)	Height (ft)	Health[2]	Structure[2]	Notes
288	Cottonwood *Populus fremontii*	15.7, 12.3, 12, 10.1, 6.4	15	16	35	F	FP	Multistem, old codit, epicormic shoots
289	Cottonwood *Populus fremontii*	8.9	8	9	32	FP	FP	Epicormic shoots, heavy lean, some dead branches
290	Cottonwood *Populus fremontii*	10, 9.9, 4	10	11	35	FP	FP	Multistem, lean, heavy epicormic shoot growth
291	Cottonwood *Populus fremontii*	12.6, 10.5, 5, 4, 3.5	10	11	34	F	FP	Multistem, epicormic shoots, in culvert, dead branches, some peeling bark
1	Coast redwood *Sequoia sempervirens*	17.4	8	9	36	G	G	Decorative redwood behind work site, no defects
2	Coast redwood *Sequoia sempervirens*	15.5	7	8	36	G	G	Decorative redwood outside project site within study area, healthy without defects
3	Coast redwood Sequoia sempervirens	14.5	8	9	35	G	G	Decorative Redwood behind work site within study area
4	Coast redwood *Sequoia sempervirens*	14.6	7	8	35	GF	GF	Decorative redwood outside of work site within study area. Old wound running up street side from 1 ft off ground to 10 ft, codit
5	Coast redwood *Sequoia sempervirens*	12.9	8	9	35	GF	G	Decorative redwood outside work site but within study area, some sap production

Tree Number	Species	DBH (inches)	Dripline (ft)	Tree Protection Zone (ft)	Height (ft)	Health[2]	Structure[2]	Notes
6	Coast redwood *Sequoia sempervirens*	17.2	8	9	38	G	G	Decorative redwood outside work site but within study area, no defects
7	Coast redwood *Sequoia sempervirens*	15.8	8	9	35	G	G	Decorative Redwood outside worksite but within study area, no defects
8	Sycamore *Platanus occidentalis*	8.8	10	11	20	F	F	Multistem at 5 ft, good branch union, slight lean, some downward growth
9	Sycamore *Platanus occidentalis*	13.4	13	14	30	GF	F	City tree, slight lean, some downward growth, multistem at 6 ft
10	Bradford pear *Pyrus calleryana*	9.7	9	10	16	P	FP	Dying city tree, peeling bark, insect activity at base, girdling root
11	Bradford pear *Pyrus calleryana*	18.4	12	13	35	F	FP	City tree, some codit, dense branch structure typical of species, included bark, decent canopy
185	Blue oak *Quercus douglasii*	44.4	35	36	40	F	FP	Old tag, codominant at 10 ft, large dead/previously fallen branches with cavities, some codit, decent canopy
186	Blue oak *Quercus douglasii*	74	40	41	35	P	P	**Recommended for removal.** Old tag, majority of tree is dead, one stem still dying with epicormic growth and some dead branches. Huge cavity on main stem.

Tree Number	Species	DBH (inches)	Dripline (ft)	Tree Protection Zone (ft)	Height (ft)	Health[2]	Structure[2]	Notes
292	Valley oak *Quercus lobata*	10.3, 10.2, 9.4	13	14	34	F	FP	Multistem, galls, included bark, epicormic shoots, decent canopy
189	Valley oak *Quercus lobata*	48.1	40	41	55	GF	F	Old tag, good canopy that overhangs the study area, codit, some dead branches, even weight distribution

[1] Green shading indicates protected tree by City of Roseville.

[2] P-Poor, FP-Fair Poor, F-Fair, GF-Good Fair, G-Good

Attachment C

Tree Protection Measures

City of Roseville 19.66.060 Standard policies and procedures for approved work.

Great care must be exercised when work is conducted upon or around protected trees. The purpose of this section is to define procedures necessary to protect the health of the affected protected trees. The policies and procedures described in this section apply to all encroachments into the protected zone of protected trees. All Tree Permits shall be deemed to incorporate the provisions outlined here except as the Tree Permit may otherwise specifically provide.

A. Trenching Procedure. Trenching within the protected zone of a protected tree, when permitted, may only be conducted with hand tools or as otherwise directed by an arborist, in order to avoid root injury.

B. Cutting Roots.

1. Minor roots less than one inch in diameter may be cut, but damaged roots shall be traced back and cleanly cut behind any split, cracked or damaged area.

2. Major roots over one inch in diameter may not be cut without approval of an arborist. Depending upon the type of improvement being proposed, bridging techniques or a new site design may need to be employed to protect the root and the tree.

C. Ground Surface Fabric. If any native ground surface fabric within the protected zone must be removed for any reason, it shall be replaced within 48 hours.

D. Irrigation Systems. An independent low-flow drip irrigation system may be used for establishing drought-tolerant plants within the protected zone of a protected tree. Irrigation shall be gradually reduced and discontinued after a two-year period.

E. Plant Materials Under Oaks. Planting live material under native oak trees is generally discouraged, and it will not be permitted within six feet of the trunk of a native oak tree with a diameter at breast height (DBH) of 18 inches or less, or within 10 feet of the trunk of a native oak tree with a DBH of more than 18 inches. Only drought tolerant plants will be permitted within the protected zone of native oak trees.

F. Protective Fencing.

1. Type of Fencing. A minimum five-foot high chain link or substitute fence approved by the City shall be installed at the outermost edge of the protected zone of each protected tree or groups of protected trees. Exceptions to this policy may occur in cases

where protected trees are located on slopes that will not be graded. However, approval must be obtained from the City Planning Division to omit fences in any area of the project.

2. Fence Installation. The fences shall be installed in accordance with the approved fencing plan prior to the commencement of any grading operations or such other time as determined by the review body. The developer shall call the City Planning Division for an inspection of the fencing prior to grading operations.

3. Signing. Signs shall be installed on the fence in four equidistant locations around each individual protected tree. The size of each sign must be a minimum of two feet by two feet and must contain the following language:

"WARNING, THIS FENCE SHALL NOT BE REMOVED OR RELOCATED WITHOUT WRITTEN AUTHORIZATION FROM THE ROSEVILLE PLANNING DIVISION."

Signs placed on fencing around a grove of protected trees shall be placed at approximately 50-foot intervals.

4. Fence Maintenance. Once approval has been obtained, the fences shall remain in place throughout the entire construction period and shall not be removed, relocated, taken down, or otherwise modified in whole or in part without prior written authorization from the Planning Division.

G. Performance Guarantee. A minimum $10,000.00 deposit (or greater, if deemed necessary by the City) shall be posted and maintained to insure the preservation of protected trees during construction. The deposit shall be posted in a form approved by the City Attorney prior to any grading, delivery of materials, or movement of heavy equipment onto the site, or issuance of any permits. Each violation of any Tree Permit condition regarding tree preservation shall result in forfeiture of a portion or the entirety of the deposit, at the discretion of the Approving Authority, provided that such determinations may be appealed as provided by Chapter 19.80.

H. Retaining Walls and Root Protection. Where a Tree Permit has been approved for construction of a retaining wall(s) within the protected zone of a protected tree, the developer will be required to provide for immediate protection of exposed roots from moisture loss during the time prior to completion of the wall. The retaining wall shall be constructed within 72 hours after completion of grading.

I. Preservation Devices. If required, preservation devices such as aeration systems, oak tree wells, drains, special foundation systems, special paving and cabling systems must be installed per approved plans and certified by the project arborist.

J. Grading.

1. Every effort should be made to avoid cut and/or fill slopes within or in the vicinity of the protected zone of any protected tree.

2. No grade changes are permitted which would cause water to drain to the area within twice the longest radius of the protected zone of any protected tree.

3. No grade changes are permitted which would result in the ground being lowered on all sides of the tree.

K. Chimney Locations. A chimney for wood burning fireplaces or stoves shall not be located within the canopy of the tree or in such a location that sparks emitted from the chimney may damage a tree.

L. Certification Letters. Certification letters are required for all regulated activities within the protected zone of protected trees, attesting that all work was conducted in accordance with the appropriate permits and the requirements of this chapter. The project arborist will be required to submit a certification letter to the City Planning Division within five working days of completing any regulated activity.

M. On-Site Information. The following information must be continuously maintained on-site while any construction activity is ongoing for a project requiring a Tree Permit:

1. Arborist's report and all modifications;

2. Tree location map with a copy of the tree fencing plan;

3. Tree Permit conditions of approval and compliance verification and inspection checklist;

4. Approved, stamped construction plans;

5. Tree preservation guidelines; and

6. Approved planting and irrigation drawings.

N. Information on Standard Policies and Procedures. The developer shall be responsible for informing all contractors, subcontractors and persons who will be performing work around protected trees, of the standard policies and procedures for working around trees and conditions of approval for the project's Tree Permit. The developer shall provide all such information in writing.

O. Utility Trenching Pathway Plan. As a condition of the Tree Permit, the developer will be required to submit a utility trenching pathway plan for approval concurrent with approval of the project improvement or civil plans.

1. Contents. The trenching pathway plan shall depict all of the following systems: storm drains, sewers, easements, water mains, area drains, and underground utilities. The trenching pathway plan must show all lateral lines serving buildings. To be completely effective, the trenching pathway plan must include the surveyed locations of all protected trees on the project as well as an accurate plotting of the protected zone of each protected tree.

2. Standards for Plan. The trenching pathway plan should be developed considering the following general guidelines:

a. The trenching pathway plan must be developed to avoid encroaching into the protected zone of any protected tree.

b. Where it is impossible to avoid encroachment, the design must minimize the extent of such encroachment. Encroachments and mitigation measures must be addressed in a supplemental arborist's report.

P. Final Certification of Tree Work. All of the tree preservation measures required by the conditions of the discretionary project approval, the arborist's report and the Tree Permit, as applicable shall be completed and certified by the project arborist prior to issuance of an occupancy permit. (Ord. 5428 § 1, 2014.)

General Protection Guidelines for Trees Planned for Preservation

To prevent soil compaction:

- Six to eight inches of wood chips should be spread inside the dripline of trees where temporary construction traffic or staging would occur within the dripline. Chips should be removed after project completion, or the depth reduced to no more than four inches. Alternatively, bridging root areas with steel plates would reduce damage to roots within construction traffic areas.
    - A circle with a radius measurement from the trunk of the tree to the tip of its longest limb, plus one foot, constitutes the critical root zone protection area of each protected tree. Limbs must not be cut back in order to change the dripline. The area beneath the dripline is a critical portion of the root zone and defines

the minimum protected area of each protected tree. Removing limbs that make up the dripline does not change the protected area.

To reduce damage due to raising the existing grade:

- Grading within the protected zone of a protected tree should be minimized. Cuts within the protected zone should be maintained at less than 20 percent of the critical root zone area. Grade cuts should be monitored by the project Arborist. Any damaged roots encountered should be root pruned and properly treated as deemed necessary by the Project Arborist.

- Construct an open-joint wall of shell, brick, rock, or masonry in a circle around the tree trunk, with at least one to two feet between the wall and trunk. This wall should be as high as the top of the new grade. This opening is commonly referred to as a tree well.

- If fills exceed 1 foot in depth up to 20 percent of the critical root zone area, aeration systems may serve to mitigate the presence of the fill materials as determined by the Project Arborist.

- Construct an aeration system using four-inch agricultural clay tile or four-inch perforated plastic pipe arranged in five to six horizontal lines radiating from the tree well like spokes in a wheel to a point beyond the branch spread. Allow excess moisture to drain away by installing the radial lines so they slope away from the trunk. Connect the outer ends of the radiating system with a circle of tile or perforated plastic pipe.

- To provide vents, place four- or six-inch plastic pipe or bell tile upright over the junction of the radial lines with the circle. They should extend to the surface of the planned grade level. Extend the lower end of the aeration system to a curb or storm drain to carry excess moisture away from the root system.

- Cover the exposed soil and tile system with rock or coarse gravel to a depth of 6 to 18 inches, depending on the amount of fill. Follow this with a covering layer of gravel. Place a thin layer of straw, woven plastic, or other porous material over the gravel to prevent soil from filtering into the gravel and stone. Fill with good topsoil to the desired grade.

- To discourage rodents, fill the tree well with enough coarse gravel to cover the ends of the lines opening into the well. Also fill the upright bell tile and cover with a screen or grill.

General Construction Site Recommendations:

- The fenced area should be kept clear of building materials, waste, and excess soil.

- No digging, trenching, compaction, or other soil disturbance should be allowed in the fenced area.

- The storage of construction equipment or hazardous materials such as gasoline, oil, or other toxic chemicals should not be allowed in or adjacent to the fenced area.
- Storage areas for equipment, soil, and construction materials as well as burn sites (if permitted), cement washout pits, and construction work zones should be kept away from protected trees and outside the fenced in area.

- Cable, chain, rope, or signage should not be attached to retained trees.

- Designated roads and parking areas should be established. All construction personnel should be restricted to driving and parking in designated areas. Discharge of exhaust from construction vehicles and equipment should not be allowed near the protected zone of trees.

- No sprinkler or irrigation system should be installed in such a manner that sprays water or required trenching within the dripline of a protected tree. An above ground drip irrigation system is recommended. An independent low-flow drip irrigation system may be used for establishing drought tolerant plants within the protected zone of a protected tree. Irrigation should be gradually reduced and discontinued after a two-year period.

Recommendations for Construction Activities in the Vicinity of Retained Trees:

- Any protected trees on site which require pruning should be pruned by an ISA Certified Arborist prior to the start of construction work. All pruning should be in accordance with the American National Standards Institute (ANSI) A300 pruning standards, ANSI Standard 2133.1-2000 regarding safety practices, and the International Society of Arboriculture (ISA) "Tree Pruning Guidelines" and Best Management Practices.

- Excavation should be minimized within the dripline of retained trees. Construction within the dripline of retained trees should be conducted in a manner that minimizes excavation and provides for the best preservation of roots as determined by the Project Arborist.

- If tree roots are severed outside of the fenced area, they should be severed cleanly and kept moist. All exposed roots outside of fenced areas should be covered with protective material during construction such as mulch or plywood sheets to reduce soil compaction. Protective material should be removed upon completion of construction activities.

- Construction activities involving soil disturbance should be avoided during hot, dry, weather and trees should be watered before, during, and after trenching and excavation within the dripline of retained trees to offset water loss due to cut roots.

- Any removal of paving or structures (i.e., demolition) that occurs within the dripline of a protected tree should be done under the direct supervision of the Project Arborist.

- No sign, ropes, cables (except those which may be installed by an ISA Certified Arborist to provide limb support) or any other items should be attached to the protected trees. Small metallic numbering tags for the purpose of identification in preparing tree reports and inventories should be allowed.

- No vehicles, construction equipment, mobile homes/office, supplies, materials, or facilities should be driven, parked, stockpiled, or located within driplines of protected trees.

- Drainage patterns on the site should not be modified so that water collects, stands, or is diverted across the dripline of any protected tree.

Recommendations for Protection of Trees Post-Construction:

- Post-construction inspections of the trees should be conducted by a Certified Arborist or Certified Tree Worker to determine if retained trees are stressed (e.g., water stress, nutrient stress) or damaged (e.g., broken branches, trunk damage). Appropriate corrective actions should be implemented, as necessary. Such corrective actions may include remediation of severe soil compaction through vertical mulching or a similar technique, remedial pruning to repair damaged or broken limbs, application of mulch, application of root stimulant to encourage new root growth in trees that have a significant portion of their roots lost due to cutting or soil compaction, etc.

- Aeration of soil by vertical mulching or similar technique should be implemented around retained trees to offset the impacts of soil compaction that has already occurred due to construction activities and other site uses.

- All trees that will be preserved following project construction should be periodically monitored by a qualified tree care professional for the life of the project. The project (i.e., homeowners association/property owner) should be responsible for providing for monitoring and ongoing care and maintenance of all preserved trees on the site.

Foothills Commerce Center Project

Aquatic Resources Delineation Report

April 2024 | 07997.00003.001

Prepared for:

Mark IV Capital, Inc.
4450 MacArthur Boulevard, Second Floor
Newport Beach, CA 92660

Prepared by:

HELIX Environmental Planning, Inc.
1677 Eureka Road, Suite 100
Roseville, CA 95661

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Acronyms and Abbreviations

AMSL	above mean sea level
CFR	Code of Federal Regulations
CWA	Clean Water Act
FAC	Facultative plants
FACU	Facultative upland plants
FACW	Facultative wetland plants
HELIX	HELIX Environmental Planning, Inc.
HUC	Hydrologic Unit Code
NRCS	Natural Resource Conservation Service
OBL	Obligate wetland plants
OHWM	ordinary high water mark
RWQCB	Regional Water Quality Control Board
SWRCB	State Water Resources Control Board
UPL	Upland plants
USACE	U.S. Army Corps of Engineers
USC	United States Code
USDA	U.S. Department of Agriculture
USEPA	U.S. Environmental Protection Agency
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey
WQC	Water Quality Certification

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EXECUTIVE SUMMARY

This report presents the results of an aquatic resources delineation within the ±64.88-acre Foothills Commerce Center Project (Study Area). The Study Area is located west of Industrial Avenue, north of Blue Oaks Boulevard, and south of Nichols Drive in the City of Roseville, Placer County, California. The potential presence of aquatic resources was assessed following the technical guidelines provided by the U.S. Army Corps of Engineers (USACE) in the *Corps of Engineers Wetlands Delineation Manual* (USACE Manual), the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region* (Version 2.0; Supplement), and the *National Ordinary High Water Mark Field Delineation Manual for Rivers and Streams* (Interim Version). These technical guidelines present wetland and ordinary high water mark (OHWM) indicators, delineation guidance, and other information that pertain to the Arid West Region.

A total of 2.106 acres of aquatic resources have been delineated in the Study Area which consists entirely of wetlands, as no other waters were observed within the Study Area. Wetlands in the Study Area consist of six seasonal wetlands (0.210 acre total), three vernal pools (1.827 acres total), one wetland swale (0.037 acre), and one detention basin (0.032 acre). All of the seasonal wetlands and vernal pools are isolated features; however, the wetland swale and detention basin appear to be hydrologically connected to Pleasant Grove Creek. The wetland swale transitions into an ephemeral drainage outside of the Study Area, which serves as the hydrologic connection to Pleasant Grove Creek. Given that the wetland swale is connected to Pleasant Grove Creek through a non-relatively permanent water body, it would likely not be considered waters of the U.S. The detention basin is adjacent to Pleasant Grove Creek and is separated by a constructed earthen levee that appears to periodically allow water to flow over and possibly through the levee. However, the detention basin is a constructed feature with a concrete lined outfall that is likely used as part of a stormwater system. Therefore, it would likely not be considered waters of the U.S.

No aquatic resources within the Study Area would likely be considered waters of the U.S. but all aquatic resources within the Study Area would likely be considered waters of the State.

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1.0 INTRODUCTION

On behalf of Mark IV Capital, Inc. (Applicant), HELIX Environmental Planning, Inc. (HELIX) has prepared this aquatic resources delineation report in support of the Foothills Commerce Center Project (project) to delineate potential jurisdictional wetlands and other waters of the U.S. and State on a ±64.88-acre Study Area located in the City of Roseville, Placer County, California. The purpose of this delineation was to identify aquatic resources in the Study Area that would potentially qualify as waters of the U.S. and/or waters of the State. Waters of the U.S. are subject to regulatory jurisdiction by both the U.S. Army Corps of Engineers (USACE) and the applicable Regional Water Quality Control Board (RWQCB). Waters of the State are subject to the jurisdiction of the RWQCB. If present, impacts to aquatic resources would potentially require obtaining permits and authorizations from one or both agencies. The results presented in this document are preliminary and subject to verification by the USACE.

1.1 PROJECT LOCATION

The ±64.88-acre Study Area is located west of Industrial Avenue, north of Blue Oaks Boulevard, and south of Nichols Drive in the City of Roseville, Placer County, California. The Study Area is situated in Section 16 of Township 11 North and Range 6 East, as depicted on the U.S. Geological Survey (USGS) *Roseville, CA* 7.5-minute quadrangle map (Appendix A, Figures 1 and 2). The approximate center of the Study Area is at latitude 38.802415 and longitude -121.311518, NAD 83, and is located at elevations between 105 and 126 feet above mean sea level (amsl).

1.2 DRIVING DIRECTIONS

From downtown Sacramento, California, travel north on 11th Street towards State Route 160 (SR-160). Continue on SR-160 for 1.9 miles and proceed onto Capital City Freeway. Continue onto Interstate 80 (I-80) and proceed for approximately 11.2 miles. Take Exit 106 onto SR-65 North and continue for 2.6 miles. Take Exit 309 for Blue Oaks Boulevard toward Washington Boulevard and proceed right onto Blue Oaks Boulevard. Continue on Blue Oaks Boulevard for 0.25 mile and turn right onto Foothills Boulevard. After approximately 0.25 mile, the Study Area is located off Winding Creek Road.

1.3 AGENT CONTACT INFORMATION

Applicant:
Mark IV Capital, Inc.
4450 MacArthur Boulevard, Second Floor
Newport Beach, CA 92660
Phone: (946) 374-7520
Email: kshultz@markiv.com
Contact: Katharina Shultz

Agent/Delineator:
HELIX Environmental Planning, Inc.
1180 Iron Point Road, Suite 130
Folsom, CA 95630
Phone: (916) 435-1205
Email: ChristineG@helixepi.com
Contact: Christine Gonzalez

1.4 REGULATORY SETTING

1.4.1 Waters of the U.S.

On May 25, 2023, the U.S. Supreme Court issued a decision in the case of Sackett v. Environmental Protection Agency (Supreme Court of the United States 2023), which will ultimately influence how federal waters are defined. The May 25, 2023, Supreme Court decision in Sackett v. Environmental Protection Agency determined that "the CWA extends to only those 'wetlands with a continuous surface connection to bodies that are "waters of the U.S." in their own right,' so that they are 'indistinguishable' from those waters." The U.S. Environmental Protection Agency (USEPA) and the U.S. Army Corps of Engineers (USACE) after review issued a final rule to replace the 2023 rule that amends the "Revised Definition of "Waters of the U.S." to conform key aspects of the regulatory text to the U.S. Supreme Court's May 25, 2023 decision in the case of *Sackett v. Environmental Protection Agency*.

Unless considered an exempt activity under Section 404(f) of the Federal Clean Water Act (CWA), any person, firm, or agency planning to alter or work in "waters of the U.S.," including the discharge of dredged or fill material, must first obtain authorization from the USACE under Section 404 of the Clean Water Act (CWA; 33 USC 1344). Permits, licenses, variances, or similar authorization may also be required by other federal, state, and local statutes. Section 10 of the Rivers and Harbors Act prohibits the obstruction or alteration of navigable waters of the U.S. without a permit from USACE (33 USC 403). Activities exempted under Section 404(f) are not exempted within navigable waters under Section 10.

The Clean Water Act (33 United States Code (USC) 1251-1376) provides guidance for the restoration and maintenance of the chemical, physical, and biological integrity of the nation's waters.

Section 401 requires that an applicant for a federal license or permit that allows activities resulting in a discharge to waters of the U.S. obtain a state certification that the discharge complies with other provisions of CWA. The Regional Water Quality Control Board (RWQCB) administers the certification program in California and may require State Water Quality Certification before other permits are issued.

Section 402 establishes a permitting system for the discharge of any pollutant (except dredged or fill material) into waters of the U.S.

Section 404 establishes a permit program administered by USACE that regulates the discharge of dredged or fill material into waters of the U.S. (including wetlands). Implementing regulations by USACE are found at 33 CFR Parts 320-332. The Section 404 (b)(1) Guidelines were developed by the USEPA in conjunction with USACE (40 CFR Part 230), allowing the discharge of dredged or fill material for non-water dependent uses into special aquatic sites only if there were no practicable alternative that would have less adverse impacts.

1.4.2 Waters of the State

Any action requiring a CWA Section 404 permit, or a Rivers and Harbors Act Section 10 permit, must also obtain a CWA Section 401 Water Quality Certification. The State of California Water Quality Certification (WQC) Program was formally initiated by the State Water Resources Control Board (SWRCB) in 1990 under the requirements stipulated by Section 401 of the Clean Water Act. Although the Clean Water Act is a federal law, Section 401 of the CWA recognizes that states have the primary authority and responsibility for setting water quality standards. In California, under Section 401, the State and

Regional Water Boards are the authorities that certify that issuance of a federal license or permit does not violate California's water quality standards (i.e., that they do not violate Porter-Cologne and the Water Code). The WQC Program currently issues the WQC for discharges requiring USACE permits for fill and dredge discharges within Waters of the United States, and now also implements the State's wetland protection and hydromodification regulation program under the Porter-Cologne Water Quality Control Act.

On May 28, 2020, the SWRCB implemented the State Wetland Definition and Procedures for Discharges of Dredged or Fill Material to Waters of the State (Procedures) for inclusion in the forthcoming Water Quality Control Plan for Inland Surface Waters and Enclosed Bays and Estuaries and Ocean Waters of California (SWRCB 2019). The Procedures consist of four major elements:

I. A wetland definition;

II. A framework for determining if a feature that meets the wetland definition is a water of the state;

III. Wetland delineation procedures; and,

IV. Procedures for the submittal, review, and approval of applications for Water Quality Certifications and Waste Discharge Requirements for dredge or fill activities.

Under the Procedures and the State Water Code (Water Code §13050(e)), "waters of the State" are defined as "any surface water or groundwater, including saline waters, within the boundaries of the state." "Waters of the State" includes all "waters of the U.S."

More specifically, a wetland is defined as: "*An area is wetland if, under normal circumstances, (1) the area has continuous or recurrent saturation of the upper substrate caused by groundwater, or shallow surface water, or both; (2) the duration of such saturation is sufficient to cause anaerobic conditions in the upper substrate; and (3) the area's vegetation is dominated by hydrophytes or the area lacks vegetation*." The wetland definition encompasses the full range of wetland types commonly recognized in California, including some features not protected under federal law, and reflects current scientific understanding of the formation and functioning of wetlands (SWRCB 2019).

Unless excluded by the Procedures, any activity that could result in discharge of dredged or fill material to waters of the State, which includes waters of the U.S. and non-federal waters of the State, requires filing of an application under the Procedures.

2.0 ENVIRONMENTAL SETTING

2.1 EXISTING CONDITIONS

The Study Area is located in an undeveloped portion of land that follows Pleasant Grove Creek and is surrounded by industrial and residential developments. The majority of the site is undeveloped, but evidence of previous initial development such as paved roads and sidewalks, detention basins, grading, and utilities are present on-site. This initial development is visible on aerial imagery beginning in 2002. Routine mowing and/or discing of the Study Area, including over aquatic resources, is also visible on aerial imagery and is visible on the ground in the form of linear raised soil marks indicative of discing or another tractor attachment (Google Earth 2024). Vegetation within the Study Area was dormant at the

time of the field survey and aquatic resources were saturated to inundated. An aerial image of the Study Area is included in Appendix A, Figure 3.

2.2 FIELD CONDITIONS

Fieldwork for this aquatic resources delineation was conducted on January 29, 2024, and March 14, 2024. Weather during the January site visit was dry, sunny, and cool, with temperatures ranging between 45 and 65 degrees Fahrenheit; and weather during the March site visit was dry, sunny, and warm, with temperatures ranging between 63 and 67 degrees Fahrenheit.

2.3 INTERSTATE OR FOREIGN COMMERCE CONNECTION

The aquatic resources in the Study Area are not utilized for foreign or interstate commerce.

3.0 METHODS

3.1 DATA GATHERING

The following sources were used in preparation of this jurisdictional delineation:

- Aerial photography taken April 26, 2022, downloaded from Esri®,
- U.S. Fish and Wildlife Service's (USFWS) National Wetland Inventory online wetland mapper (USFWS 2024),
- Natural Resources Conservation Service (NRCS) web soil survey (NRCS 2024a),
- Corps of Engineers Wetlands Delineation Manual (USACE 1987),
- Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0; USACE 2008),
- Field Indicators of Hydric Soils in the United States (Version 8.2; NRCS 2018), and
- USACE 2020 National Wetland Plant List for the Arid West (USACE 2020).

3.2 BOUNDARIES OF THE DELINEATION

The delineation area includes the estimated 64.88-acre Study Area (Appendix B, *Aquatic Resources Delineation Map*). Refer to this map for the limits of the delineation.

3.3 DETERMINATION PROCEDURES

3.3.1 Delineation Methods

Criteria for determining the presence of wetlands or other waters subject to USACE jurisdiction are presented in the USACE *Wetlands Delineation Manual* (USACE 1987), the *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region* (Version 2.0; USACE 2008), and the *National Ordinary High Water Mark Field Delineation Manual for Rivers and Streams* (Interim Version; USACE 2022).

Key criteria for determining the presence of wetlands subject to USACE jurisdiction (USACE 1987) are:

a) The presence of inundated or saturated soil conditions resulting from permanent or periodic inundation by ground water or surface water.

b) A prevalence of vegetation typically adapted for life in saturated soil conditions (hydrophytic vegetation).

To assess whether wetlands are present, USACE requires that data be recorded on three environmental parameters: hydrology, soil, and vegetation. Positive wetland indicators for all three parameters are generally required for USACE to assert jurisdiction.

Fieldwork for the jurisdictional delineation was conducted by HELIX biologists Christine Gonzalez and Greg Davis on January 29, 2024, and March 14, 2024, in accordance with the Corps of Engineers Wetlands Delineation Manual (USACE 1987), the Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West (Version 2.0; USACE 2008), and the National Ordinary High Water Mark Field Delineation Manual for Rivers and Streams (Interim Version; USACE 2022). Vegetation, soils, and hydrologic characteristics were visually assessed by conducting meandering transects through the entire Study Area to obtain 100 percent visual coverage.

Plant species identifiable at the time of the survey were recorded in the field and are included in Appendix C of this report. Plants observed within the Study Area were categorized with the wetland indicator status for each species, as shown in Table 1.

Table 1
WETLAND INDICATOR STATUS RATING

Indicator Status (abbreviation)	Characterization
Obligate (OBL)	Almost always occur in wetlands
Facultative Wetland (FACW)	Usually occur in wetlands, but may occur in non-wetlands
Facultative (FAC)	Occur in wetlands and non-wetlands
Facultative Upland (FACU)	Usually occur in non-wetlands, but may occur in wetlands
Upland (UPL)	Almost never occur in wetlands

The Munsell Color chart (Gretag Macbeth 2000) was used to determine moist soil colors and thus, hydric soils, if present. Data was taken at 33 representative sample points throughout the Study Area to classify the site's soils, vegetation, and hydrologic characteristics. Wetland determination data forms are provided in Appendix D.

Geographic coordinates of aquatic resources boundaries and locations of sample points were recorded in the field with an electronic tablet wirelessly connected to a Juniper Geode® (Global Navigation Satellite System [GNSS]) receiver unit with sub-meter accuracy. These data were exported into ArcGIS Pro 3.1.2® and used to produce the Aquatic Resources Delineation Map included as Appendix B. Representative photographs of the Study Area, and the associated sampling locations, are included as Appendix E.

3.3.2 Plant/Habitat Nomenclature

Habitat nomenclature is generally derived from *A Guide to Wildlife Habitats of California* (Mayer and Laudenslayer 1988). Plant nomenclature is taken from The Jepson Manual: Vascular Plants of California, second edition (Baldwin et al. 2012).

4.0 RESULTS

4.1 VEGETATION COMMUNITIES/HABITAT TYPES

Three upland communities occur within the Study Area: 60.01 acres of non-native annual grassland, 0.80 acre of ruderal/disturbed habitat, and 0.09 acre of disturbed riparian habitat. These communities are discussed below.

4.1.1 Non-Native Annual Grassland

Non-native annual grassland habitats are open grasslands composed primarily of non-native annual plant species. Species of grasses are the predominant component within this habitat type, with other herbaceous plant species and forbs also present to varying degrees. Many of these species also occur as understory plants in oak woodland and other habitats. Structure in non-native annual grasslands depends largely on weather patterns and livestock grazing; dramatic differences in physiognomy, both between seasons and between years, are characteristic of this habitat. Introduced annual grasses are typically the dominant plant species in this habitat (Garrison et al. 1977). Approximately 60.01 acres of non-native annual grassland habitat occurs in the Study Area.

Dominant plant species observed within this habitat type during the field survey include medusahead (*Elymus caput-medusae*) (--), wild oats (*Avena fatua*) (--), ripgut brome (*Bromus diandrus*) (--), barbed goat grass (*Aegilops triuncialis*) (--), and common vetch (*Vicia sativa*) (--).

4.1.2 Developed/Disturbed

Developed habitat is often comprised of little to no vegetation and typically contains built structures and/or maintained surfaces such as roads or parking lots. Vegetation that does occur within this habitat type is often ornamental, rather than invasive or noxious weeds such as in ruderal habitat types. Disturbed habitats typically retain a soil substrate, but the vegetation communities are either lacking or are comprised of mostly ruderal plant species. Approximately 0.80 acre of developed/disturbed habitat occurs within the Study Area and is made up of paved surfaces and an irrigated landscaped area along Foothills Boulevard.

Besides the landscaped area, few plant species were observed within the developed/disturbed areas in the Study Area; dominant plant species observed include yellow star-thistle (*Centaurea solstitialis*) (--) and wild oats.

4.1.3 Disturbed Riparian

Approximately 0.09 acre of disturbed riparian habitat was mapped in the southwest corner of the Study Area adjacent to a developed landscaped area along Foothills Boulevard. This habitat type appears to be a remnant of former riparian habitat that likely occurred in the area prior to development. One culvert

was observed in this habitat type and large cottonwood trees (*Populus fremontii*) (FACW) and Himalayan blackberry (*Rubus armeniacus*) (FAC) are growing around the culvert. The culvert is a drain feature and is lined with riprap. No evidence of natural hydrology was observed in this area but irrigation runoff from the adjacent landscaping was observed and is likely the water source for plant species in this habitat type.

4.2 CLIMATE

The climate of Placer County is Mediterranean, characterized by wet, cool winters and dry, hot summers. The nearest weather station with sufficient data to generate 30-year average precipitation values is located at the Sacramento 5 ESE Station near Sacramento State University, approximately 18 miles south of the Study Area. Average daily maximum and minimum temperatures are 82° and 55° Fahrenheit (F) in July and 57° and 42° F in January. The mean annual precipitation is 19.20 inches, with 100 percent occurring as rain from September to May. The Roseville 4.7 WNW, CA weather station received approximately 10.13 inches of rainfall from September 1, 2023, to January 29, 2024, which is approximately 50 percent of the average annual rainfall for the area; and received an additional 9.29 inches of rainfall from January 29, 2024, to March 14, 2024, which exceeds the average annual rainfall for the area (NRCS 2024b). Rainfall amounts through March 14, 2024, have already exceeded the average annual rainfall for the area.

4.3 SOILS

The NRCS has mapped two soil units within the Study Area: Cometa-Fiddyment complex, 1 to 5 percent slopes, and Kilaga loam (Appendix A, Figure 4). The general characteristics and properties associated with these soil types are described below.

Cometa-Fiddyment complex, 1 to 5 percent slopes: this soil unit has a parent material of alluvium that is derived from granite and siltstone. It is typical of terraces and ridges. A general soil profile is loam (0-12 inches), clay loam (12-28 inches), indurated (28-35 inches), and weathered bedrock (35-39 inches). It is well drained, has a very high runoff class, and no frequency of flooding or ponding. Minor components of this soil unit are considered hydric (NRCS 2024a).

Kilaga loam: this soil unit has a parent material of alluvium and is typical of terraces. A general soil profile is loam (0-19 inches), clay loam (19-30 inches), clay (30-56 inches), and sandy clay loam (56-80 inches). It is well drained, has a moderate runoff class, and no frequency of flooding or ponding. Minor components of this soil unit are considered hydric (NRCS 2024a).

4.4 HYDROLOGY

The Study Area is in the Upper Coon-Upper Auburn watershed (USGS Hydrologic Unit Code [HUC8] 18020161). The Study Area appears to drain into the various aquatic features in the northern portion of the Study Area and then into Pleasant Grove Creek immediately north of the Study Area. Pleasant Grove Creek drains to Pleasant Grove Creek Canal, which is ultimately tributary to the Sacramento River, a traditional navigable water.

4.5 USFWS NATIONAL WETLANDS INVENTORY

The USFWS National Wetlands Inventory online database was reviewed to determine if there are any wetlands or other waters of the U.S. mapped by the USFWS in the Study Area or vicinity. The National Wetlands Inventory depicts freshwater emergent wetlands within the Study Area. The features that are mapped on NWI within the Study Area were interpreted using 1:58,000 scale, color infrared imagery from 1984. Most of these features have since been filled and are no longer present within the Study Area; however, remnants of these features exist in the northern portion of the Study Area. Several riverine, wetland, and pond features are mapped adjacent to the Study Area, which includes resources associated with Pleasant Grove Creek to the north (Appendix A, Figure 5).

5.0 AQUATIC RESOURCES

As depicted in Table 2 (located at the end of this section), a total of 2.106 acres of aquatic resources have been delineated in the Study Area which consists of six seasonal wetlands, three vernal pools, one wetland swale, and one detention basin (Appendix B).

Seasonal Wetland

A total of 0.210 acre of seasonal wetland were mapped within the Study Area, consisting of six seasonal wetlands. Seasonal wetlands collect surface runoff from surrounding terrain and are shallow depressions that stay inundated for a long enough duration to form hydric soil and support a dominance of hydrophytic vegetation. Hydrophytic vegetation observed in the seasonal wetlands within the Study Area at the time of this aquatic resources delineation included Italian ryegrass (*Festuca perennis*) (FAC), Mediterranean barley (*Hordeum marinum*) (FAC), and curly dock (*Rumex crispus*) (FAC). Two hydric soil indicators were observed in the seasonal wetlands within the Study Area, including the depleted matrix and redox dark surface indicators. Wetland hydrology indicators varied between the six seasonal wetlands, but generally all of them were saturated within 10 inches of the soil surface during the aquatic resources delineation. Seasonal wetlands within the Study Area were distinguished from vernal pools by the lack of vernal pool endemic plant species observed in the wetlands. Seasonal wetlands typically are dominated by FAC-rated species such as annual grasses. All seasonal wetlands within the Study Area are isolated features and lack connection to other aquatic resources.

Vernal Pool

Three vernal pools were mapped within the Study Area totaling approximately 1.827 acres. Vernal pools are shallow, seasonally inundated depressions that form in soils with a subsurface layer that restricts the downward flow of water causing them to pond for extended and variable periods of time. These layers include hardpans, claypans, or thick clay layers. Depending on common factors such as daily average temperatures and the amount and frequency of seasonal precipitation, vernal pools may pond for days, weeks, or even months. Plant species occurring within vernal pools have adapted to extended periods of inundation and as such, can be specialized species restricted to vernal pool habitats. Hydrophytic vegetation observed in the vernal pools within the Study Area at the time of this aquatic resources delineation included Great Valley button celery (*Eryngium castrense*) (OBL), stalked popcorn flower (*Plagiobothrys stipitatus*) (FACW), vernal pool buttercup (*Ranunculus bonariensis* var. *trisepalus*) (FACW), and Mediterranean barley. Wetland hydrology indicators varied between the three vernal pools, but included surface water and/or saturation, oxidized rhizospheres along living root channels,

and aquatic invertebrates. All vernal pools within the Study Area are isolated features and lack connection to other aquatic resources.

Wetland Swale

One seasonal wetland swale occurs within the Study Area, totaling approximately 0.037 acre. Seasonal wetland swales are shallow, seasonally inundated low areas within the local topography that form in soils with a subsurface layer that restricts the downward flow of water, causing water to flow over the surface or subsurface for extended and variable periods of time. Swales generally do not exhibit a defined bed/bank with an ordinary high-water mark but often drain or are connected to other aquatic features. Depending on common factors such as daily average temperatures and the amount and frequency of seasonal precipitation, swales may be saturated or flooded for days, weeks, or even months. Hydrophytic vegetation observed in the wetland swale at the time of this aquatic resources delineation included Mediterranean barley and curly dock. Hydric soils were met within the wetland swale with the redox dark surface indicator. The wetland swale was relatively dry in comparison to other aquatic resources within the Study Area but was saturated at a depth of 10 inches below ground surface. Beyond the Study Area, the wetland swale transitions into an ephemeral drainage, which then flows into Pleasant Grove Creek. The wetland swale was distinguished from the seasonal wetlands and vernal pools in the Study Area based on the relatively dry nature of the feature, the linear shape of the feature, and the plant species observed in the feature.

Detention Basin

A 0.032-acre portion of a detention basin occurs within the Study Area and the detention basin extends outside of the Study Area boundary. This feature appears to have been constructed in 2006 and is located adjacent to Pleasant Grove Creek (Google Earth 2024). A culvert is present at the southern end of the detention basin and the detention basin was inundated at an unknown depth (appears to be at least 3 feet deep) at the time of the delineation. Hydrophytic vegetation observed in the detention basin at the time of delineation included narrow leaf cattail (*Typha angustifolia*) (OBL), California bulrush (*Schoenoplectus californicus*) (OBL), scouring rush horsetail (*Equisetum hyemale*) (FACW), and narrow leaved willow (*Salix exigua*) (FACW). Hydric soils were met within the detention basin with the depleted matrix indicator. The detention basin was inundated at the time of the delineation, and drift deposits, water-stained leaves, and aquatic invertebrates were observed. Several wildlife species that utilize aquatic habitats such as red-eared slider (*Trachemys scripta elegans*), American bullfrog (*Lithobates catesbeianus*), and black-crowned night heron (*Nycticorax nycticorax*) were observed within this feature. The detention basin appears to be a relatively permanent feature based on the species observed in the basin and through aerial imagery (Google Earth 2024). A constructed earthen levee separates the detention basin from Pleasant Grove Creek and evidence of overtopping was observed in the form of wrack and bent/fallen vegetation. Water was observed flowing over small breaks in the levee at the time of the delineation and the detention basin and Pleasant Grove Creek appeared to have the same approximate depth of inundation. It is unclear if there are breaks in the levee or if water solely flows over the top of the levee.

Table 2
AQUATIC RESOURCES IN THE STUDY AREA

Feature	Latitude/Longitude	Cowardin Classification[1]	Area (ac.)	Area (sq. ft.)
Wetlands[2]				
SW-1	38.805122 / -121.313298	PEM2E	0.024	1,045.44
SW-2	38.804721 / -121.309972	PEM2E	0.082	3,571.92
SW-3	38.804409 / -121.314718	PEM2E	0.016	696.96
SW-4	38.803997 / -121.311897	PEM2E	0.030	1,306.80
SW-5	38.803435 / -121.31449	PEM2C	0.036	1,568.16
SW-6	38.799913 / -121.313420	PEM1E	0.022	958.32
VP-1	38.804332 / -121.312947	PEM2C	1.087	47,349.72
VP-2	38.804450 / -121.310992	PEM2C	0.694	30,230.64
VP-3	38.803372 / -121.309528	PEM2C	0.046	2,003.76
WS-1	38.804558 / -121.314343	PEM2B	0.037	1,611.72
DB-1	38.804726 / -121.311897	PUB3Fx	0.032	1,393.92
		Wetlands Total	**2.106**	**90,343.44**
		Total Aquatic Resources	**2.106**	**90,343.44**

[1] Cowardin Codes for Wetlands: System (P = palustrine) – Class (EM = emergent; UB = Unconsolidated Bottom) – Subclass (1 = persistent; 2 = nonpersistent; 3 = mud) – Water Regime (C = seasonally flooded; E = seasonally flooded/saturated; F = semi-permanently flooded) – Special Modifiers (x = excavated)

[2] DB = Detention Basin; SW = Seasonal Wetland; VP = Vernal Pool; WS = Wetland Swale
ac = acre(s); sq. ft.= square feet

5.1 POTENTIAL WATERS OF THE U.S.

A total of 2.106 acres of aquatic resources have been delineated in the Study Area, which consists entirely of wetlands, as no other waters were observed within the Study Area. Wetlands in the Study Area consist of six seasonal wetlands (0.210 acre total), three vernal pools (1.827 acres total), one wetland swale (0.037 acre), and one detention basin (0.032 acre). All of the seasonal wetlands and vernal pools are isolated features and are not considered potential waters of the U.S.; however, the wetland swale and detention basin appear to be hydrologically connected to Pleasant Grove Creek. The wetland swale transitions into an ephemeral drainage outside of the Study Area, which serves as the hydrologic connection to Pleasant Grove Creek. Given that the wetland swale is connected to Pleasant Grove Creek through a non-relatively permanent water body, it would likely not be considered waters of the U.S. The detention basin is adjacent to Pleasant Grove Creek and is separated by a constructed earthen levee that appears to periodically allow water to flow over and possibly through the levee. However, the detention basin is a constructed feature with a concrete outfall that is likely used as part of a stormwater system. Therefore, it would likely not be considered waters of the U.S.

5.2 POTENTIAL WATERS OF THE STATE

Waters of the State include natural and artificial ponds, wetlands, and streams. This includes wetlands created by modification of a surface water of the State. All aquatic resources within the Study Area, totaling 2.106 acres, are expected to qualify as waters of the State.

6.0 SUMMARY

HELIX conducted an aquatic resources delineation of the ±64.88-acre Study Area for the Foothills Commerce Center Project located off Winding Creek Road in the City of Roseville, Placer County, California. A total of 2.106 acres of aquatic resources have been delineated in the Study Area, which consists completely of wetlands, as no other waters were observed within the Study Area. Wetlands in the Study Area consist of six seasonal wetlands (0.210 acre), three vernal pools (1.827 acres), one wetland swale (0.037 acre), and one detention basin (0.032 acre). The seasonal wetlands and vernal pools would likely not be considered waters of the U.S. due to a lack of a continuous surface connection to TNWs, tributaries to TNWs, or wetlands adjacent to TNWs. Although the wetland swale is hydrologically connected to Pleasant Grove Creek, it would likely not be considered waters of the U.S. due to being hydrologically connected via an ephemeral drainage, which is a non-relatively permanent water body. The detention basin appears to be hydrologically connected to Pleasant Grove Creek but is likely used as part of a stormwater system and therefore is exempt from consideration as a water of the U.S. All the aquatic resources within the Study Area would likely be considered waters of the State. The results presented in this document are preliminary and subject to verification by the resource agencies.

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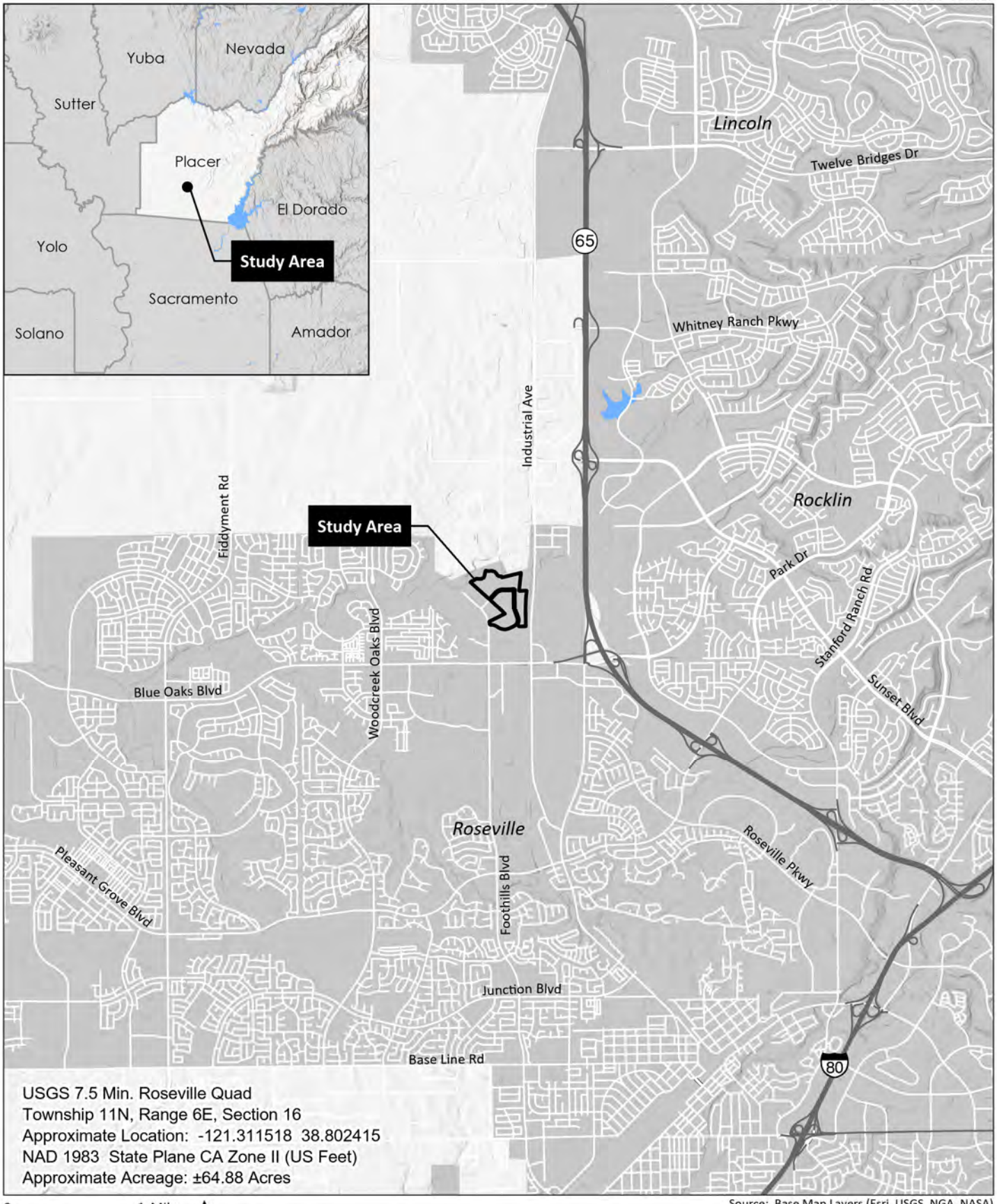
U.S. Fish and Wildlife Service (USFWS). 2024. National Wetlands Inventory. Available at: http://www.fws.gov/wetlands/Data/mapper.html; accessed February 29, 2024.

Appendix A

Figures

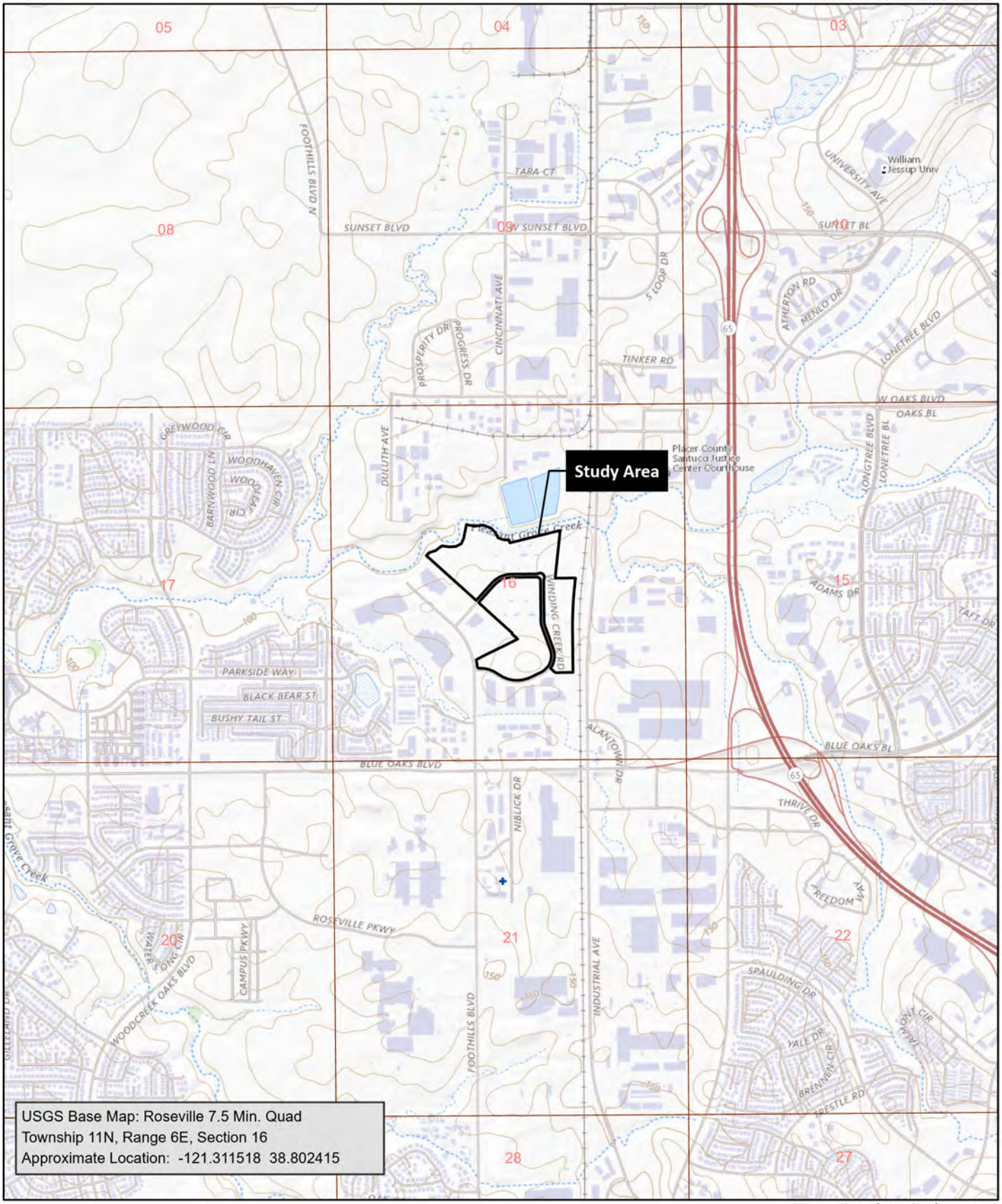


Source: Base Map Layers (Esri, USGS, NGA, NASA)

HELIX Environmental Planning

Site and Vicinity Map

Figure 1



0 2,000 Feet

Source: USGS, The National Map, 2021

HELIX Environmental Planning

USGS Topographic Map

Figure 2

Source: Aerial (DigitalGlobe, 4/26/2022)

HELIX Environmental Planning

Aerial Map

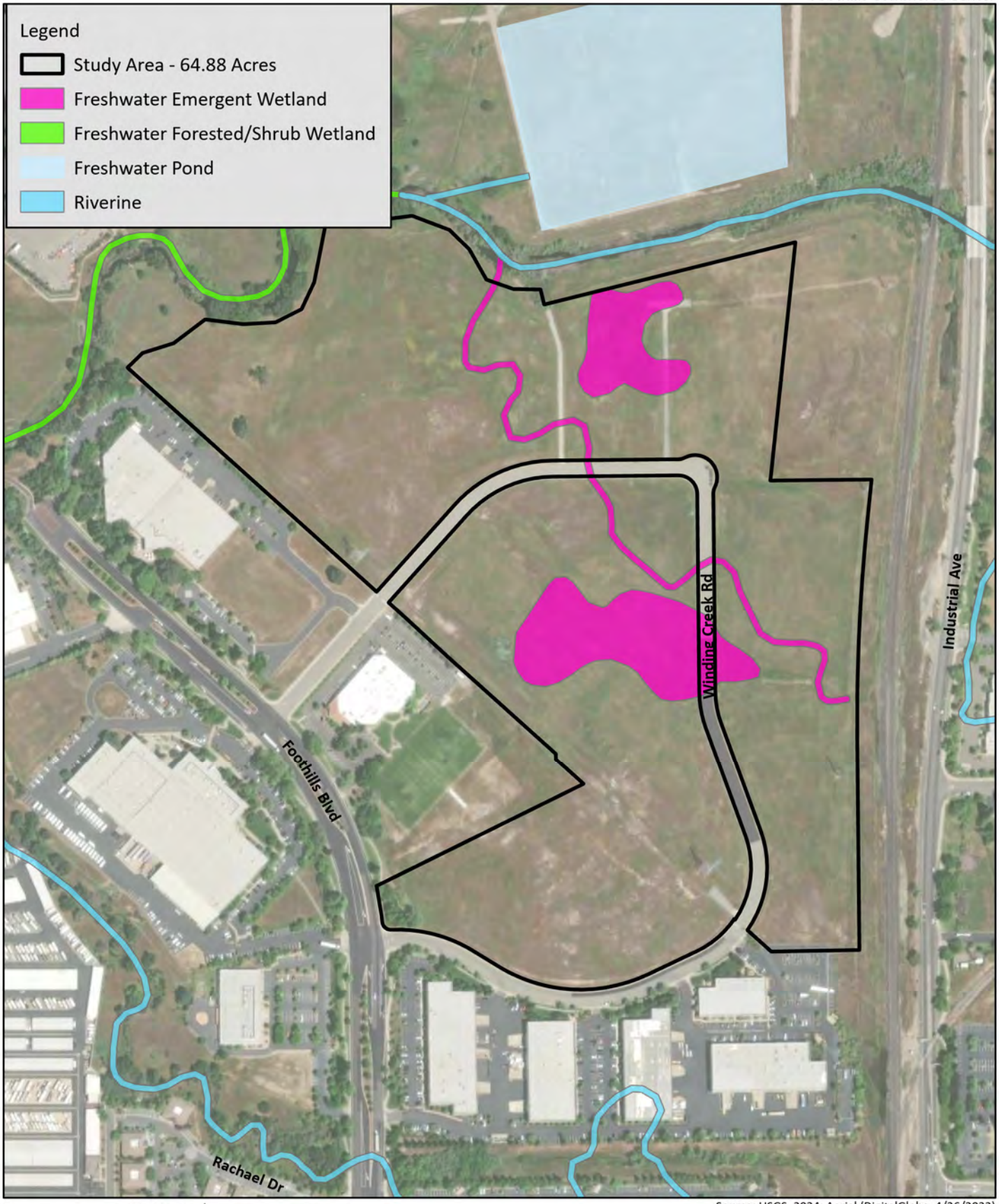
Figure 3

Source: NRCS, 2024; Aerial (DigitalGlobe 4/26/2022)

HELIX Environmental Planning

Soils Map

Figure 4



Source: USGS, 2024; Aerial (DigitalGlobe, 4/26/2022)

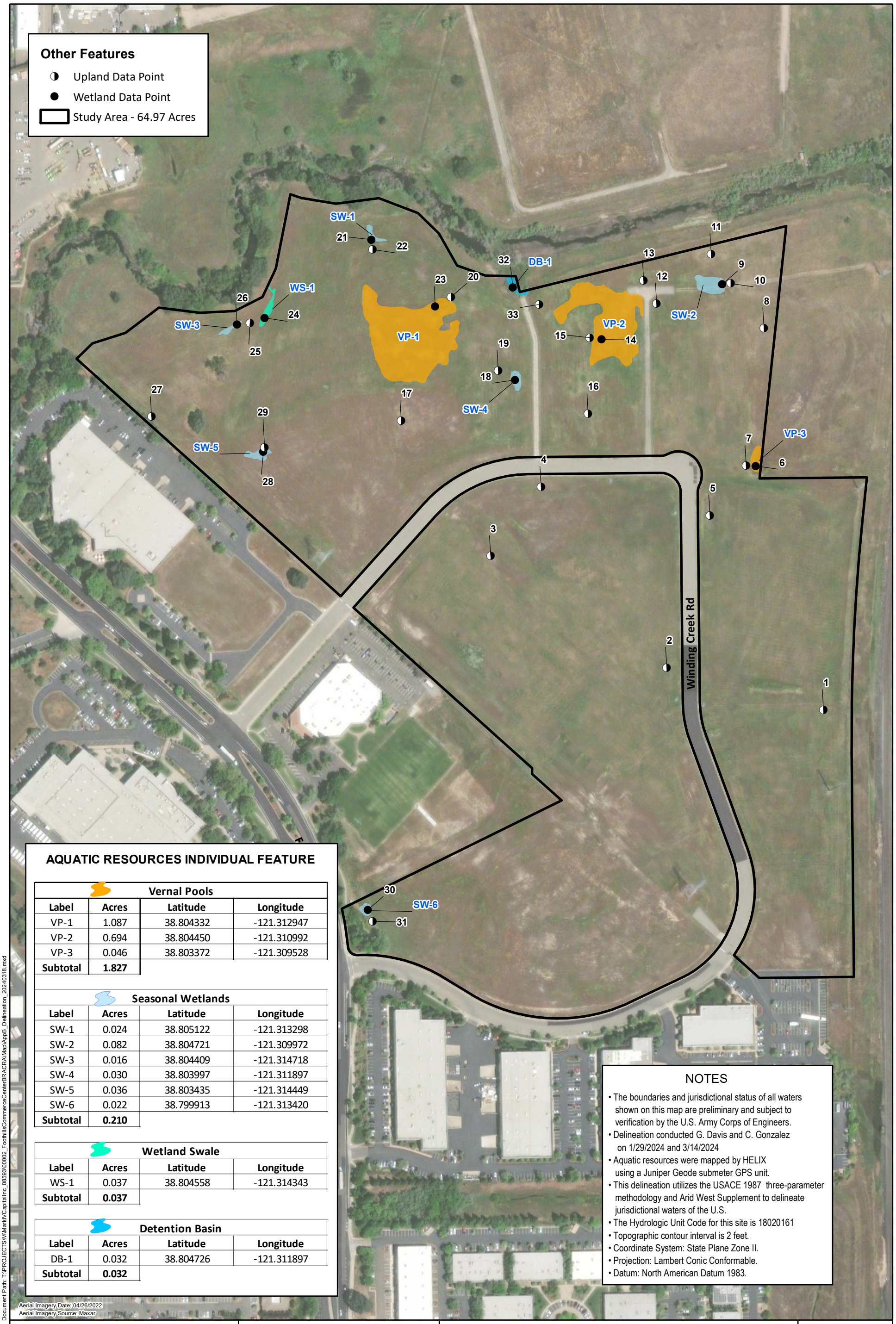
HELIX Environmental Planning

National Wetland Inventory Map

Figure 5

Appendix B

Aquatic Resources Delineation Map



AQUATIC RESOURCES INDIVIDUAL FEATURE

Vernal Pools

Label	Acres	Latitude	Longitude
VP-1	1.087	38.804332	-121.312947
VP-2	0.694	38.804450	-121.310992
VP-3	0.046	38.803372	-121.309528
Subtotal	**1.827**		

Seasonal Wetlands

Label	Acres	Latitude	Longitude
SW-1	0.024	38.805122	-121.313298
SW-2	0.082	38.804721	-121.309972
SW-3	0.016	38.804409	-121.314718
SW-4	0.030	38.803997	-121.311897
SW-5	0.036	38.803435	-121.314449
SW-6	0.022	38.799913	-121.313420
Subtotal	**0.210**		

Wetland Swale

Label	Acres	Latitude	Longitude
WS-1	0.037	38.804558	-121.314343
Subtotal	**0.037**		

Detention Basin

Label	Acres	Latitude	Longitude
DB-1	0.032	38.804726	-121.311897
Subtotal	**0.032**		

NOTES

- The boundaries and jurisdictional status of all waters shown on this map are preliminary and subject to verification by the U.S. Army Corps of Engineers.
- Delineation conducted G. Davis and C. Gonzalez on 1/29/2024 and 3/14/2024
- Aquatic resources were mapped by HELIX using a Juniper Geode submeter GPS unit.
- This delineation utilizes the USACE 1987 three-parameter methodology and Arid West Supplement to delineate jurisdictional waters of the U.S.
- The Hydrologic Unit Code for this site is 18020161
- Topographic contour interval is 2 feet.
- Coordinate System: State Plane Zone II.
- Projection: Lambert Conic Conformable.
- Datum: North American Datum 1983.

Aerial Imagery Date: 04/26/2022
Aerial Imagery Source: Maxar

Document Path: T:\PROJECTS\MM\MarkIVCapitalInc_08593000002_FoothillsCommerceCenterBRACRA\Map\AppB_Delineation_20240318.mxd

HELIX Environmental Planning

USACE REGULATORY FILE #:
VERIFIED BY: TBD
DATE OF VERIFICATION: TBD

REVISIONS

DATE	DESCRIPTION	BY

0 250 500
Feet
1 inch = 250 feet
N
Drawn By: JCD

AQUATIC RESOURCES DELINEATION MAP

Foothills Commerce Center Project
City of Roseville, Placer County, California
March 18, 2024

Appendix B

Appendix C

Plant Species Observed in the Study Area

Family	Scientific Name	Common Name	Rating[1]
Native			
Apiaceae	*Eryngium castrense*	Great Valley button celery	OBL
Asteraceae	*Centromadia fitchii*	spikeweed	FACU
	Xanthium orientale	common cocklebur	NI
Boraginaceae	*Plagiobothrys stipitatus*	stalked popcorn flower	FACW
Cyperaceae	*Cyperus eragrostis*	tall flatsedge	FACW
	Eleocharis macrostachya	spikerush	OBL
	Schoenoplectus californicus	California bulrush	OBL
Equisetaceae	*Equisetum hyemale*	scouring rush horsetail	FACW
Euphorbiaceae	*Croton setiger*	turkey-mullein	NI
Juncaceae	*Juncus bufonius*	toad rush	FACW
Polemoniaceae	*Navarretia sp.*	navarretia	FAC
Ranunculaceae	*Ranunculus bonariensis* var. *trisepalus*	vernal pool buttercup	FACW
Salicaceae	*Salix exigua*	narrow leaved willow	FACW
Non-native			
Asteraceae	*Centaurea solstitialis*	yellow starthistle	NI
	Lactuca serriola	prickly lettuce	FACU
Brassicaceae	*Cardamine hirsuta*	hairy bittercress	FACU
	Raphanus sativus	wild radish	NI
Caryophyllaceae	*Spergula arvensis*	corn spurry	NI
Fabaceae	*Trifolium hirtum*	rose clover	NI
	Vicia sativa	common vetch	FACU
Geraniaceae	*Erodium botrys*	big heron bill	FACU
	Geranium dissectum	wild geranium	NI
Poaceae	*Aegilops triuncialis*	barbed goatgrass	NI
	Avena fatua	wild oats	NI
	Bromus diandrus	ripgut brome	NI
	Elymus caput-medusae	medusahead	NI
	Festuca perennis	Italian ryegrass	FAC
	Hordeum marinum	Mediterranean barley	FAC
Polygonaceae	*Rumex crispus*	curly dock	FAC
Ranunculaceae	*Ranunculus muricatus*	spiny-fruit buttercup	FACW
Rosaceae	*Rubus armeniacus*	Himalayan blackberry	FAC
Typhaceae	*Typha angustifolia*	narrow leaf cattail	OBL

[1] FAC – facultative; FACU – facultative upland; FACW – facultative wetland; OBL – obligate; UPL – upland; NI – reviewed but given no regional indicator

Scientific and common names from: Baldwin, B.G., D.H. Goldman, D.J. Keil, R. Patterson, T.J. Rosatti, D.H. Wilken, Editors. 2012. The Jepson Manual: Vascular Plants of California, second edition. University of California Press, Berkley *or* U.S. Army Corps of Engineers Cold Regions Research and Engineering Laboratory, *Arid West 2020 Regional Wetland Plant List* (USACE 2020)

Appendix D

Wetland Determination Data Forms

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 1

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.801432 Long: -121.308898 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: PEM1A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔ No _____	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____ No ✔	
Wetland Hydrology Present?	Yes _____ No ✔	

Remarks:

Site is situated in a linear depression in a previously graded area.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	75	Y	FAC
2. Centromadia fitchii	15	N	FACU
3. Vicia sativa	10	N	FACU
4. Trifolium hirtum	5	N	NI
5.			
6.			
7.			
8.			
	105 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 1

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR 4/4	100					CL	Clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** _____ **No** ✔

Remarks:

No hydric soils detected at sampling location. Appears to be mixed, fill material.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? **Yes** _____ **No** ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 2

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-5

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.801767 Long: -121.310444 Datum: NAD 83

Soil Map Unit Name: Cometa-Fiddyment complex, 1 to 5 percent slopes NWI classification: PEM1A

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Site is situated in lowest point in graded pad. Sampling location is mapped as an NWI feature, but is not a wetland.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Avena fatua	60	Y	NI
2. Hordeum marinum	30	Y	FAC
3. Vicia sativa	10	N	FACU
4. Centromadia fitchii	5	N	FACU
5.			
6.			
7.			
8.			
	105 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	30	x 3 =	90
FACU species	15	x 4 =	60
UPL species	60	x 5 =	300
Column Totals:	105 (A)		450 (B)

Prevalence Index = B/A = 4.3

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 2

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR 4/4	100					CL	Clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ✔

Remarks:

No hydric soils detected at sampling location.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 3

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.80264 Long: -121.312174 Datum: NAD 83

Soil Map Unit Name: Cometa-Fiddyment complex, 1 to 5 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sampling location is situated in a low area within a previously graded area. Water was ponded here but the sampling location is associated with an upland puddle.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	80	Y	FAC
2. Centromadia fitchii	15	N	FACU
3. Centaurea solstitialis	10	N	NI
4. Trifolium hirtum	3	N	NI
5.			
6.			
7.			
8.			
	108 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 3

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 4/4	100					CL	Clay loam
6-12	10YR 3/4	100					SCL	gravelly

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** _____ **No** ✔

Remarks:

No hydric soils detected at sampling location. Appears to be mixed, fill material.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ✔ Surface Water (A1)
- ✔ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ✔ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ✔ No _____ Depth (inches): _____

Water Table Present? Yes ✔ No _____ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ✔ No _____ Depth (inches): _____

Wetland Hydrology Present? **Yes** ✔ **No** _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Site is associated with an upland puddle that collects water during rain events.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 4

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.803173 Long: -121.311671 Datum: NAD 83

Soil Map Unit Name: Cometa-Fiddyment complex, 1 to 5 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sampling location is associated with a detention basin along Winding Creek Road. The basin has a fabric liner and a drop inlet culvert that conveys excess water into an established stormwater drainage system.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	80	Y	FAC
2. Centaurea solstitialis	20	N	NI
3. Centromadia fitchii	10	N	FACU
4.			
5.			
6.			
7.			
8.			
	110 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 4

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 4/3	100					CL	Clay loam
6-12	10YR 3/2	100					CL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** _____ **No** ✔

Remarks:

No hydric soils detected at sampling location. The basin is heavily compacted and utilized to hold stormwater.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ✔ Surface Water (A1)
- ✔ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ✔ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ✔ No _____ Depth (inches): 2

Water Table Present? Yes ✔ No _____ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ✔ No _____ Depth (inches): _____

Wetland Hydrology Present? **Yes** ✔ **No** _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Detention basin inundated in lowest portion of feature following recent rains.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 5

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.802942 Long: -121.310005 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sampling location is associated with a detention basin along Winding Creek Road. The basin has a fabric liner and a drop inlet culvert that conveys excess water into an established stormwater drainage system.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	70	Y	FAC
2. Vicia sativa	25	Y	FACU
3. Centaurea solstitialis	10	N	NI
4. Trifolium hirtum	5	N	NI
5. Geranium dissectum	3	N	NI
6.			
7.			
8.			
	108 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	70	x 3 =	210
FACU species	25	x 4 =	100
UPL species	18	x 5 =	90
Column Totals:	108 (A)		400 (B)

Prevalence Index = B/A = 3.7

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation. Hydrophytic vegetation observed spring 2023 during biological survey.

SOIL

Sampling Point: 5

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 5/3	100					CL	Clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** _____ **No** ✔

Remarks:

No hydric soils detected at sampling location. The basin is heavily compacted and utilized to hold stormwater.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ✔ Surface Water (A1)
- ✔ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ✔ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ✔ No _____ Depth (inches): 6

Water Table Present? Yes ✔ No _____ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ✔ No _____ Depth (inches): _____

Wetland Hydrology Present? **Yes** ✔ **No** _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Detention basin inundated in lowest portion of feature following recent rains.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 6

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.803322 Long: -121.309549 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes ✔ No _____
Hydric Soil Present?	Yes ✔	No _____	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Site is associated with a seasonal wetland that is situated in a depressional area in a previously graded area.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	80	Y	FAC
2. Ranunculus bonariensis	15	N	FACW
3. Eryngium castrense	10	N	OBL
4. Centromadia fitchii	5	N	FACU
5.			
6.			
7.			
8.			
	110 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 6

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 4/2	90	7.5YR 4/6	10	C	M/PL	SCL	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ✔ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ✔ **No** ___

Remarks:

Hydric soils detected at sampling location.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ✔ Surface Water (A1)
- ✔ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ✔ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ✔ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ✔ No ___ Depth (inches): 4

Water Table Present? Yes ✔ No ___ Depth (inches): 0

Saturation Present? (includes capillary fringe) Yes ✔ No ___ Depth (inches): 0

Wetland Hydrology Present? **Yes** ✔ **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Several primary wetland hydrology indicators were observed at this sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 7

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.803324 Long: -121.309644 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location is associated with upland habitat that is adjacent to a wetland.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	50	Y	FAC
2. Centromadia fitchii	15	N	FACU
3. Centaurea solstitialis	30	Y	NI
4. Avena fatua	10	N	NI
5. Geranium dissectum	5	N	NI
6.			
7.			
8.			
	110 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	0
FACW species	0	x 2 =	0
FAC species	50	x 3 =	150
FACU species	15	x 4 =	60
UPL species	45	x 5 =	225
Column Totals:	110 (A)		435 (B)

Prevalence Index = B/A = 3.95

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 7

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-2	10YR 3/2	100					L	Loam
2-12	10YR 4/3	100					ClLo	Clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ✔

Remarks:

No hydric soils detected at sampling location. Appears to be mixed fill material.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 8

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804385 Long: -121.309458 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location was previously mapped as a potential wetland in the spring of 2023 due to vegetation observed at that time but it does not currently contain wetland indicators.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Elymus-caput medusae	45	Y	NI
2. Centromadia fitchii	5	N	FACU
3. Centaurea solstitialis	3	N	NI
4. Festuca perennis	30	Y	FAC
5. Rumex crispus	20	N	FAC
6. Eryngium castrense	1	N	OBL
7.			
8.			
	104 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	1	x 1 =	1
FACW species	0	x 2 =	0
FAC species	50	x 3 =	150
FACU species	5	x 4 =	20
UPL species	48	x 5 =	240
Column Totals:	104 (A)		411 (B)

Prevalence Index = B/A = 3.95

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation. Some FAC and OBL vegetation is present but the sampling location is dominated by upland species.

SOIL

Sampling Point: 8

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR 3/3	100					L	Loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** _____ **No** ✔

Remarks:

No hydric soils detected at sampling location. No evidence of mixed fill material.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? **Yes** _____ **No** ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 9

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804728 Long: -121.309868 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes ✔ No _____
Hydric Soil Present?	Yes ✔	No _____	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sample point is associated with a seasonal wetland that is situated in a depressional area. Some evidence of light grading and soil disturbance is visible on the surface.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	40	Y	FAC
2. Rumex crispus	25	Y	FAC
3. Erodium botrys	20	N	FACU
4. Eleocharis macrostachya	2	N	OBL
5. Spergula arvensis	5	N	NI
6. Vicia sativa	3	N	FACU
7. Plagiobothrys stipitatus	15	N	FACW
8.			
	110 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation. Additional hydrophytic vegetation from the previous growing season is present as thatch.

SOIL

Sampling Point: 9

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/3	100					SaLo	Sandy loam
7-10	10YR 4/1	98	10 YR 4/6	2	C	M	SaLo	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ✔ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ✔ **No** ___

Remarks:

Hydric soils detected at sampling location. Some fill material present.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ___ No ✔ Depth (inches): 0

Water Table Present? Yes ___ No ✔ Depth (inches): 0

Saturation Present? (includes capillary fringe) Yes ✔ No ___ Depth (inches): 8

Wetland Hydrology Present? Yes ✔ **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Soil is saturated at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 10

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804733 Long: -121.309782 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location was previously mapped as a potential wetland in the spring of 2023 due to vegetation observed at that time but it does not currently contain soil or hydrology wetland indicators.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	50	Y	FAC
2. Rumex crispus	20	N	FAC
3. Raphanus sativus	5	N	NI
4. Festuca perennis	30	Y	FAC
5.			
6.			
7.			
8.			
	105 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 10

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/3	100					SaLo	Sandy loam
7-14	10YR 3/2	100					SaClLo	Sandy clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ✔

Remarks:

No hydric soils detected at sampling location. No evidence of mixed fill material.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 11

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.80496 Long: -121.309974 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔ No _____	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____ No ✔	
Wetland Hydrology Present?	Yes _____ No ✔	

Remarks:

Sampling location was previously mapped as a potential wetland in the spring of 2023 due to vegetation observed at that time but it does not currently contain soil or hydrology wetland indicators.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	60	Y	FAC
2. Rumex crispus	15	N	FAC
3. Raphanus sativus	10	N	NI
4. Festuca perennis	25	Y	FAC
5.			
6.			
7.			
8.			
	110 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 11

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-7	10YR 3/3	100					SaLo	Sandy loam
7-14	10YR 3/2	100					SaClLo	Sandy clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ✔

Remarks:

No hydric soils detected at sampling location. No evidence of mixed fill material.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 12

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804582 Long: -121.310516 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location was previously mapped as a potential wetland in the spring of 2023 due to vegetation observed at that time but it does not currently contain wetland indicators.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	45	Y	FAC
2. Geranium dissectum	5	N	NI
3. Raphanus sativus	3	N	NI
4. Vicia sativa	20	Y	FACU
5. Centromadia fitchii	10	N	FACU
6. Centaurea solstitialis	10	N	NI
7. Trifolium hirtum	2	N	NI
8. Avena fatua	15	N	NI
	110 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	
FACW species	0	x 2 =	
FAC species	45	x 3 =	135
FACU species	30	x 4 =	120
UPL species	35	x 5 =	175
Column Totals:	110 (A)		430 (B)

Prevalence Index = B/A = 3.91

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 12

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 4/3	100					Lo	Loam
8-14	10YR 3/2	100					ClLo	Clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ **No** ✔

Remarks:

No hydric soils detected at sampling location. No evidence of mixed fill material and soil is pretty dry.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? Yes _____ **No** ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 13

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804761 Long: -121.310642 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location was previously mapped as a potential wetland in the spring of 2023 due to vegetation observed at that time but it does not currently contain wetland indicators.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	50	Y	FAC
2. Geranium dissectum	5	N	NI
3. Raphanus sativus	10	N	NI
4. Vicia sativa	10	N	FACU
5. Centromadia fitchii	20	Y	FACU
6. Centaurea solstitialis	10	N	NI
7. Ranunculus muricatus	5	N	FACW
8.			
	110 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	
FACW species	5	x 2 =	10
FAC species	50	x 3 =	150
FACU species	30	x 4 =	120
UPL species	25	x 5 =	125
Column Totals:	110 (A)		405 (B)

Prevalence Index = B/A = 3.68

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 13

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 4/3	100					Lo	Loam
8-14	10YR 3/2	100					ClLo	Clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ✔

Remarks:

No hydric soils detected at sampling location. No evidence of mixed fill material and soil is pretty dry.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 14

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804308 Long: -121.31106 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes ✔ No _____
Hydric Soil Present?	Yes ✔	No _____	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sampling location is associated with a vernal pool that is situated in a depressional area.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	10	N	FAC
2. Plagiobothrys stipitatus	70	Y	FACW
3. Juncus bufonius	5	N	FACW
4. Eleocharis macrostachya	5	N	OBL
5. Eryngium castrense	5	N	OBL
6. Rumex crispus	15	N	FAC
7. Croton setiger	3	N	NI
8.			
	113 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation. Some additional hydrophytic vegetation from the previous growing season is also in the feature.

SOIL

Sampling Point: 14

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 4/1	98	10YR 4/6	2	C	M	ClLo	Clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ✔ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ✔ **No** _____

Remarks:

Hydric soils detected at sampling location. Soil is mostly heavy clay and contains obvous redoximorphic features.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ✔ No _____ Depth (inches): surface

Wetland Hydrology Present? Yes ✔ **No** _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Soil is extremely saturated.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 15

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804323 Long: -121.311178 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location was previously mapped as a potential wetland in the spring of 2023 due to vegetation observed at that time but it does not currently contain wetland indicators.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	40	Y	FAC
2. Geranium dissectum	5	N	NI
3. Raphanus sativus	10	N	NI
4. Vicia sativa	20	Y	FACU
5. Centromadia fitchii	10	N	FACU
6. Centaurea solstitialis	5	N	NI
7. Rumex crispus	15	N	FAC
8. Avena fatua	5	N	NI
	110 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	
FACW species	0	x 2 =	
FAC species	55	x 3 =	165
FACU species	30	x 4 =	120
UPL species	25	x 5 =	125
Column Totals:	110 (A)		410 (B)

Prevalence Index = B/A = 3.73

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 15

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 4/3	100					Lo	Loam
8-14	10YR 3/2	100					ClLo	Clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ✔

Remarks:

No hydric soils detected at sampling location. No evidence of mixed fill material and soil is pretty dry.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 16

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.803736 Long: -121.311201 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location was previously mapped as a potential wetland in the spring of 2023 due to vegetation observed at that time but it does not currently contain wetland indicators.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	70	Y	FAC
2. Avena fatua	15	N	NI
3. Erodium botrys	5	N	FACU
4. Vicia sativa	5	N	FACU
5. Rumex crispus	3	N	FAC
6. Festuca perennis	10	N	FAC
7.			
8.			
	108 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 16

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 3/2	100					Lo	Loam
6-9	7.5YR 3/4	100					ClLo	Clay loam
9-13	10YR 4/2	100					SaClLo	Sandy clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ✔

Remarks:

No hydric soils detected at sampling location. Evidence of mixed fill material in matrix and areas appears to have formerly been graded.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 17

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.803691 Long: -121.313047 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location was previously mapped as a potential wetland in the spring of 2023 due to vegetation observed at that time but it does not currently contain wetland indicators.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Erodium botrys	20	N	FACU
2. Lactuca serriola	3	N	FACU
3. Trifolium hirtum	10	N	NI
4. Elymus caput-medusae	75	Y	NI
5. Croton setiger	2	N	NI
6.			
7.			
8.			
	110 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation. Area is dominated by upland species.

SOIL

Sampling Point: 17

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 4/3	100					LoSa	Loamy sand

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: unknown compaction

Depth (inches): 6

Hydric Soil Present? Yes ____ No ✔

Remarks:

No hydric soils detected at sampling location. Evidence of mixed fill material such as decomposed granite observed in matrix and on surface.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ____ No ✔ Depth (inches): ____

Water Table Present? Yes ____ No ✔ Depth (inches): ____

Saturation Present? (includes capillary fringe) Yes ____ No ✔ Depth (inches): ____

Wetland Hydrology Present? Yes ____ No ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 18

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804070 Long: -121.311919 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes ✔ No _____
Hydric Soil Present?	Yes ✔	No _____	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sampling location is associated with a seasonal depressional wetland.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Erodium botrys	8	N	FACU
2. Rumex crispus	10	N	FAC
3. Hordeum marinum	60	Y	FAC
4. Festuca perennis	20	N	FAC
5. Centromadia fitchii	5	N	FACU
6. Plagiobothrys stipitatus	3	N	FACW
7.			
8.			
	106 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 18

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 4/3	100					Lo	Loam
8-14	10YR 4/2	90	7.5YR 4/6	10	C	M	Lo	

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ✔ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: unknown compaction

Depth (inches): 6

Hydric Soil Present? Yes ✔ No ___

Remarks:

Evidence of hydric soils detected at sampling location.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ___ No ✔ Depth (inches): ___

Water Table Present? Yes ___ No ✔ Depth (inches): ___

Saturation Present? (includes capillary fringe) Yes ✔ No ___ Depth (inches): 10

Wetland Hydrology Present? Yes ✔ No ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Soil is saturated below the surface at a depth of approximately 10 inches.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 19

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804072 Long: -121.312084 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location was previously mapped as a potential wetland in the spring of 2023 due to vegetation observed at that time but it does not currently contain wetland indicators.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	60	Y	FAC
2. Avena fatua	5	N	NI
3. Erodium botrys	3	N	FACU
4. Vicia sativa	2	N	FACU
5. Rumex crispus	5	N	FAC
6. Festuca perennis	10	N	FAC
7. Elymus caput-medusae	15	N	NI
8.			
	105 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 19

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/2	100					Lo	Loam
8-10	7.5YR 3/4	100					ClLo	Clay loam
10-14	10YR 4/2	100					SaClLo	Sandy clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** _____ **No** ✔

Remarks:

No hydric soils detected at sampling location. Evidence of mixed fill material in matrix and areas appears to have formerly been graded.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? **Yes** _____ **No** ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 20

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804645 Long: -121.312546 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location was previously mapped as a potential wetland in the spring of 2023 due to vegetation observed at that time but it does not currently contain wetland indicators.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	35	Y	FAC
2. Avena fatua	3	N	NI
3. Erodium botrys	20	N	FACU
4. Vicia sativa	10	N	FACU
5. Centromadia fitchii	5	N	FACU
6. Festuca perennis	5	N	FAC
7. Elymus caput-medusae	30	Y	NI
8.			
	108 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 50% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	
FACW species	0	x 2 =	
FAC species	40	x 3 =	120
FACU species	35	x 4 =	140
UPL species	33	x 5 =	165
Column Totals:	108 (A)		425 (B)

Prevalence Index = B/A = 3.94

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 20

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-5	10YR 3/2	100					Lo	Loam
5-9	7.5YR 3/4	100					ClLo	Clay loam
9-13	10YR 4/2	100					SaClLo	Sandy clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** _____ **No** ✔

Remarks:

No hydric soils detected at sampling location. Evidence of mixed fill material in matrix and areas appears to have formerly been graded.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? **Yes** _____ **No** ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 21

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.805094 Long: -121.313329 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes ✔ No _____
Hydric Soil Present?	Yes ✔	No _____	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sampling location is associated with a seasonal depressional wetland near Pleasant Grove Creek.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	85	Y	FAC
2. Rumex crispus	15	N	FAC
3.			
4.			
5.			
6.			
7.			
8.			
	100 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation. Additional hydrophytic vegetation would be expected later into the growing season.

SOIL

Sampling Point: 21

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 3/2	95	10YR 4/6	5	C	M	Lo	Loam
6-12	10YR 4/1	90	10YR 4/6	10	C	M	ClLo	Clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ✔ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ✔ **No** ___

Remarks:

Evidence of hydric soils detected at sampling location. Redox is very obvious.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ___ No ✔ Depth (inches): _____

Water Table Present? Yes ___ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ✔ No ___ Depth (inches): 10

Wetland Hydrology Present? Yes ✔ **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Soil is saturated at a depth of approximately 10 inches.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 22

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.805016 Long: -121.313315 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location is associated with uplands and is adjacent to a depressional seasonal wetland.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Elymus caput-medusae	80	Y	NI
2. Vicia sativa	5	N	FACU
3. Erodium botrys	15	N	FACU
4. Festuca perennis	3	N	FAC
5.			
6.			
7.			
8.			
	103 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	
FACW species	0	x 2 =	
FAC species	3	x 3 =	9
FACU species	20	x 4 =	80
UPL species	83	x 5 =	415
Column Totals:	103 (A)		504 (B)

Prevalence Index = B/A = 4.89

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation. Area is dominated by upland vegetation.

SOIL

Sampling Point: 22

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 3/2	100					Lo	Loam
6-9	7.5YR 3/4	100					ClLo	Clay loam
9-14	10YR 4/2	100					SaClLo	Sandy clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ✔

Remarks:

No hydric soils detected at sampling location. Evidence of mixed fill material in matrix.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 23

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804574 Long: -121.312702 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes ✔ No _____
Hydric Soil Present?	Yes ✔	No _____	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sampling location is associated with a large vernal pool.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	25	Y	FAC
2. Rumex crispus	5	N	FAC
3. Ranunculus muricatus	2	N	FACW
4. Plagiobothrys stipitatus	20	N	FACW
5. Centromadia fitchii	3	N	FACU
6. Ranunculus bonariensis var. trisepalus	45	Y	FACW
7. Eryngium castrense	5	N	OBL
8.			
	105 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation. Additional hydrophytic vegetation would be expected later into the growing season.

SOIL

Sampling Point: 23

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 4/1	95	10YR 4/6	5	C	M	Lo	Loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ✔ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ✔ **No** ___

Remarks:

Evidence of hydric soils detected at sampling location. Redox is very obvious.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ___ No ✔ Depth (inches): _____

Water Table Present? Yes ___ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ✔ No ___ Depth (inches): surface

Wetland Hydrology Present? Yes ✔ **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Soil is extremely saturated.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 24

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804494 Long: -121.314387 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔ No _____	**Is the Sampled Area within a Wetland?** Yes ✔ No _____
Hydric Soil Present?	Yes ✔ No _____	
Wetland Hydrology Present?	Yes ✔ No _____	

Remarks:

Sampling location is associated with a wetland swale that transitions to an ephemeral drainage offsite and appears to drain downslope to Pleasant Grove Creek.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	60	Y	FAC
2. Festuca perennis	30	Y	FAC
3. Erodium botrys	10	N	FACU
4. Elymus caput-medusae	5	N	NI
5.			
6.			
7.			
8.			
	105 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation. Additional hydrophytic vegetation would be expected later into the growing season.

SOIL

Sampling Point: 24

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 3/3	100					Lo	Loam
4-12	10YR 4/2	95	10YR 4/6	5	C	M	SaClLo	Sandy clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ✔ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ✔ **No** ___

Remarks:

Evidence of hydric soils detected at sampling location. Redox is very obvious.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ___ No ✔ Depth (inches): _____

Water Table Present? Yes ___ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ✔ No ___ Depth (inches): 10

Wetland Hydrology Present? Yes ✔ **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Soil is saturated at approximately 10in. and transitions to an ephemeral drainage offsite that appears to drain to Pleasant Grove Creek.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 25

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804455 Long: -121.314532 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location is associated with uplands and is adjacent to wetland features.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Elymus caput-medusae	85	Y	NI
2. Centaurea solstitialis	15	N	NI
3. Erodium botrys	5	N	FACU
4.			
5.			
6.			
7.			
8.			
	105 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	
FACW species	0	x 2 =	
FAC species	0	x 3 =	
FACU species	5	x 4 =	20
UPL species	100	x 5 =	500
Column Totals:	103 (A)		520 (B)

Prevalence Index = B/A = 5.05

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation. Area is dominated by upland vegetation.

SOIL

Sampling Point: 25

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-14	10YR 3/3	100					Lo	Loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** _____ **No** ✔

Remarks:

No hydric soils detected at sampling location. Matrix is very uniform.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? **Yes** _____ **No** ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators detected at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 26

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804443 Long: -121.314661 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes ✔ No _____
Hydric Soil Present?	Yes ✔	No _____	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sampling location is associated with a depressional seasonal wetland.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	55	Y	FAC
2. Festuca perennis	45	Y	FAC
3. Erodium botrys	5	N	FACU
4.			
5.			
6.			
7.			
8.			
	105 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation. Additional hydrophytic vegetation would be expected later into the growing season.

SOIL

Sampling Point: 26

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-6	10YR 3/3	100					Lo	Loam
6-12	10YR 4/2	95	10YR 4/6	5	C	M	SaClLo	Sandy clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ✔ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ✔ **No** ___

Remarks:

Evidence of hydric soils detected at sampling location. Redox is very obvious.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ___ No ✔ Depth (inches): _____

Water Table Present? Yes ___ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ✔ No ___ Depth (inches): 10

Wetland Hydrology Present? Yes ✔ **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Soil is saturated at approximately 10in.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 27

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.803736 Long: -121.315512 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location is located near a large culvert inlet and was previously mapped as a potential wetland in the spring of 2023. No evidence of hydric soils or wetland hydrology observed at sampling location.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	5	N	FAC
2. Festuca perennis	90	Y	FAC
3. Geranium dissectum	5	N	NI
4. Cardamine hirsuta	2	N	FACU
5.			
6.			
7.			
8.			
	102 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 27

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-8	10YR 3/2	100					SaLo	Sandy loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: rock/gravel

Depth (inches): 8

Hydric Soil Present? Yes ____ No ✔

Remarks:

No evidence of hydric soils detected at sampling location.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ____ No ✔ Depth (inches): ____

Water Table Present? Yes ____ No ✔ Depth (inches): ____

Saturation Present? (includes capillary fringe) Yes ____ No ✔ Depth (inches): ____

Wetland Hydrology Present? Yes ____ No ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators observed at sampling location.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 28

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.80346 Long: -121.314411 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes ✔ No _____
Hydric Soil Present?	Yes ✔	No _____	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sampling location is associated with a depressional seasonal wetland. Surface water present at the time of the delineation.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Hordeum marinum	75	Y	FAC
2. Centaurea solstitialis	20	N	NI
3. Navarretia sp.	3	N	FAC
4. Elymus caput-medusae	10	N	NI
5.			
6.			
7.			
8.			
	108 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 1 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:	
OBL species	x 1 =	
FACW species	x 2 =	
FAC species	x 3 =	
FACU species	x 4 =	
UPL species	x 5 =	
Column Totals: (A)		(B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation. Additional hydrophytic vegetation would be expected later into the growing season.

SOIL

Sampling Point: 28

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 4/2	95	10YR 4/6	5	C	M	Lo	Loam
4-10	5YR 3/4	100					LoSa	Loamy sand

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ✔ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** ✔ **No** ___

Remarks:

Evidence of hydric soils detected at sampling location. Redox is very obvious.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ✔ Surface Water (A1)
- ___ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ✔ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ✔ No ___ Depth (inches): 3

Water Table Present? Yes ✔ No ___ Depth (inches): surface

Saturation Present? (includes capillary fringe) Yes ✔ No ___ Depth (inches): surface

Wetland Hydrology Present? **Yes** ✔ **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Approximately 3in. of surface water present in the feature at the time of the delineation.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 29

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.803491 Long: -121.314398 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location is associated with uplands and is adjacent to a wetland.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Erodium botrys	15	N	FACU
2. Elymus caput-medusae	85	Y	NI
3.			
4.			
5.			
6.			
7.			
8.			
	100 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 1 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0 (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	
FACW species	0	x 2 =	
FAC species	0	x 3 =	
FACU species	15	x 4 =	60
UPL species	85	x 5 =	425
Column Totals:	100 (A)		485 (B)

Prevalence Index = B/A = 4.85

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation and is dominated by upland species.

SOIL

Sampling Point: 29

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 3/3	100					Lo	Loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** _____ **No** ✔

Remarks:

No evidence of hydric soils detected at sampling location.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? **Yes** _____ **No** ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators observed at sample point.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 30

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.799915 Long: -121.313413 Datum: NAD 83

Soil Map Unit Name: Cometa-Fiddyment complex, 1 to 5 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes ✔ No _____
Hydric Soil Present?	Yes ✔	No _____	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sampling location is associated with a depressional seasonal wetland. Tons of mosquitos at sampling location.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Rubus armeniacus	60	Y	FAC
2. Typha angustifolia	40	Y	OBL
3.			
4.			
5.			
6.			
7.			
8.			
	100 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 2 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation.

SOIL

Sampling Point: 30

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	%	Redox Features Color (moist)	%	Type[1]	Loc[2]	Texture	Remarks
0-4	10YR 3/3	100					Lo	Loam
4-12	10 YR 4/2	95	10YR 4/6	5	C	M	ClLo	Clay loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ✔ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ✔ **No** ___

Remarks:

Evidence of hydric soils detected at sampling location. Redox is very obvious.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ___ No ✔ Depth (inches): _____

Water Table Present? Yes ___ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes ✔ No ___ Depth (inches): 10

Wetland Hydrology Present? Yes ✔ **No** ___

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Soil is saturated at approximately 10in.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 1/29/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 31

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.799824 Long: -121.313367 Datum: NAD 83

Soil Map Unit Name: Cometa-Fiddyment complex, 1 to 5 percent slopes NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location is associated with uplands and is adjacent to a wetland.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Geranium dissectum	20	N	NI
2. Elymus caput-medusae	40	Y	NI
3. Avena fatua	30	Y	NI
4. Vicia sativa	15	N	FACU
5.			
6.			
7.			
8.			
	105 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	
FACW species	0	x 2 =	
FAC species	0	x 3 =	
FACU species	15	x 4 =	60
UPL species	90	x 5 =	450
Column Totals:	105 (A)		510 (B)

Prevalence Index = B/A = 4.86

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation and is dominated by upland species.

SOIL

Sampling Point: 31

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 3/4	100					Lo	Loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes _____ No ✔

Remarks:

No evidence of hydric soils detected at sampling location.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? Yes _____ No ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators observed at sample point.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 3/14/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 32

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Concave Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804726 Long: -121.311897 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes ✔	No _____	**Is the Sampled Area within a Wetland?** Yes ✔ No _____
Hydric Soil Present?	Yes ✔	No _____	
Wetland Hydrology Present?	Yes ✔	No _____	

Remarks:

Sampling location is associated with a deep, pond-like detention basin that is adjacent to Pleasant Grove Creek. A culvert is present on the south side of the feature. Red-eared sliders and bullfrogs observed in feature.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1. Salix exigua	80	Y	FACW
2.			
3.			
4.			
5.			
	80 = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Schoenoplectus californicus	25	Y	OBL
2. Typha angustifolia	45	Y	OBL
3. Equisetum hyemale	10	N	FACW
4. Xanthium orientale	5	N	NI
5. Festuca perennis	20	N	FAC
6. Cyperus eragrostis	5	N	FACW
7.			
8.			
	110 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 3 (A)

Total Number of Dominant Species Across All Strata: 3 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 100% (A/B)

Prevalence Index worksheet:

Total % Cover of:	Multiply by:
OBL species _____	x 1 = _____
FACW species _____	x 2 = _____
FAC species _____	x 3 = _____
FACU species _____	x 4 = _____
UPL species _____	x 5 = _____
Column Totals: _____ (A)	_____ (B)

Prevalence Index = B/A = _____

Hydrophytic Vegetation Indicators:

✔ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes ✔ No _____

Remarks:

Sampling location meets the criteria for hydrophytic vegetation. Obligate vegetation is very prevalent and established.

SOIL

Sampling Point: 32

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-10	10YR 4/1	95	10YR 4/6	5	C	M	Lo	Loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ✔ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? Yes ✔ **No** _____

Remarks:

Evidence of hydric soils detected at sampling location.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ✔ Surface Water (A1)
- ___ High Water Table (A2)
- ✔ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ✔ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ✔ Inundation Visible on Aerial Imagery (B7)
- ✔ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ✔ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes ✔ No _____ Depth (inches): unknown

Water Table Present? Yes ✔ No _____ Depth (inches): surface

Saturation Present? (includes capillary fringe) Yes ✔ No _____ Depth (inches): surface

Wetland Hydrology Present? Yes ✔ **No** _____

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

Feature is deep (at least 3ft.) and appears to contain water year-round. Feature is adjacent to Pleasant Grove Creek and is separated by a constructed earthen levee. Evidence of overtopping from PG Creek visible and water is visible flowing over small breaks in the levee.

WETLAND DETERMINATION DATA FORM – Arid West Region

Project/Site: Foothills Commerce Center Project City/County: Roseville / Placer Sampling Date: 3/14/2024

Applicant/Owner: Mark IV Capital, Inc. State: CA Sampling Point: 33

Investigator(s): C. Gonzalez, G. Davis Section, Township, Range: Section 16, Township 11 North, Range 6 East

Landform (hillslope, terrace, etc.): Terrace Local relief (concave, convex, none): Convex Slope (%): 0-3

Subregion (LRR): Mediterranean California (LRR C) Lat: 38.804755 Long: -121.311700 Datum: NAD 83

Soil Map Unit Name: Kilaga loam NWI classification: None

Are climatic / hydrologic conditions on the site typical for this time of year? Yes ✔ No _____ (If no, explain in Remarks.)

Are Vegetation _____, Soil _____, or Hydrology _____ significantly disturbed? Are "Normal Circumstances" present? Yes ✔ No _____

Are Vegetation _____, Soil _____, or Hydrology _____ naturally problematic? (If needed, explain any answers in Remarks.)

SUMMARY OF FINDINGS – Attach site map showing sampling point locations, transects, important features, etc.

Hydrophytic Vegetation Present?	Yes _____	No ✔	**Is the Sampled Area within a Wetland?** Yes _____ No ✔
Hydric Soil Present?	Yes _____	No ✔	
Wetland Hydrology Present?	Yes _____	No ✔	

Remarks:

Sampling location is associated with uplands and is adjacent to wetland features.

VEGETATION – Use scientific names of plants.

Tree Stratum (Plot size: 1 x 1 meter)	Absolute % Cover	Dominant Species?	Indicator Status
1.			
2.			
3.			
4.			
	_____ = Total Cover		
Sapling/Shrub Stratum (Plot size: 1 x 1 meter)			
1.			
2.			
3.			
4.			
5.			
	_____ = Total Cover		
Herb Stratum (Plot size: 1 x 1 meter)			
1. Geranium dissectum	2	N	NI
2. Elymus caput-medusae	60	Y	NI
3. Avena fatua	25	Y	NI
4. Vicia sativa	20	N	FACU
5.			
6.			
7.			
8.			
	107 = Total Cover		
Woody Vine Stratum (Plot size: _____)			
1.			
2.			
	_____ = Total Cover		

% Bare Ground in Herb Stratum _____ % Cover of Biotic Crust _____

Dominance Test worksheet:

Number of Dominant Species That Are OBL, FACW, or FAC: 0 (A)

Total Number of Dominant Species Across All Strata: 2 (B)

Percent of Dominant Species That Are OBL, FACW, or FAC: 0% (A/B)

Prevalence Index worksheet:

Total % Cover of:		Multiply by:	
OBL species	0	x 1 =	
FACW species	0	x 2 =	
FAC species	0	x 3 =	
FACU species	20	x 4 =	80
UPL species	87	x 5 =	435
Column Totals:	107 (A)		515 (B)

Prevalence Index = B/A = 4.81

Hydrophytic Vegetation Indicators:

___ Dominance Test is >50%

___ Prevalence Index is ≤3.0[1]

___ Morphological Adaptations[1] (Provide supporting data in Remarks or on a separate sheet)

___ Problematic Hydrophytic Vegetation[1] (Explain)

[1]Indicators of hydric soil and wetland hydrology must be present, unless disturbed or problematic.

Hydrophytic Vegetation Present? Yes _____ No ✔

Remarks:

Sampling location does not meet the criteria for hydrophytic vegetation and is dominated by upland species.

SOIL

Sampling Point: 33

Profile Description: (Describe to the depth needed to document the indicator or confirm the absence of indicators.)

Depth (inches)	Matrix Color (moist)	Matrix %	Redox Features Color (moist)	Redox Features %	Type[1]	Loc[2]	Texture	Remarks
0-12	10YR 3/4	100					Lo	Loam

[1]Type: C=Concentration, D=Depletion, RM=Reduced Matrix, CS=Covered or Coated Sand Grains. [2]Location: PL=Pore Lining, M=Matrix.

Hydric Soil Indicators: (Applicable to all LRRs, unless otherwise noted.)

- ___ Histosol (A1)
- ___ Histic Epipedon (A2)
- ___ Black Histic (A3)
- ___ Hydrogen Sulfide (A4)
- ___ Stratified Layers (A5) (**LRR C**)
- ___ 1 cm Muck (A9) (**LRR D**)
- ___ Depleted Below Dark Surface (A11)
- ___ Thick Dark Surface (A12)
- ___ Sandy Mucky Mineral (S1)
- ___ Sandy Gleyed Matrix (S4)
- ___ Sandy Redox (S5)
- ___ Stripped Matrix (S6)
- ___ Loamy Mucky Mineral (F1)
- ___ Loamy Gleyed Matrix (F2)
- ___ Depleted Matrix (F3)
- ___ Redox Dark Surface (F6)
- ___ Depleted Dark Surface (F7)
- ___ Redox Depressions (F8)
- ___ Vernal Pools (F9)

Indicators for Problematic Hydric Soils[3]:

- ___ 1 cm Muck (A9) (**LRR C**)
- ___ 2 cm Muck (A10) (**LRR B**)
- ___ Reduced Vertic (F18)
- ___ Red Parent Material (TF2)
- ___ Other (Explain in Remarks)

[3]Indicators of hydrophytic vegetation and wetland hydrology must be present, unless disturbed or problematic.

Restrictive Layer (if present):

Type: _____

Depth (inches): _____

Hydric Soil Present? **Yes** _____ **No** ✔

Remarks:

No evidence of hydric soils detected at sampling location.

HYDROLOGY

Wetland Hydrology Indicators:

Primary Indicators (minimum of one required; check all that apply)

- ___ Surface Water (A1)
- ___ High Water Table (A2)
- ___ Saturation (A3)
- ___ Water Marks (B1) (**Nonriverine**)
- ___ Sediment Deposits (B2) (**Nonriverine**)
- ___ Drift Deposits (B3) (**Nonriverine**)
- ___ Surface Soil Cracks (B6)
- ___ Inundation Visible on Aerial Imagery (B7)
- ___ Water-Stained Leaves (B9)
- ___ Salt Crust (B11)
- ___ Biotic Crust (B12)
- ___ Aquatic Invertebrates (B13)
- ___ Hydrogen Sulfide Odor (C1)
- ___ Oxidized Rhizospheres along Living Roots (C3)
- ___ Presence of Reduced Iron (C4)
- ___ Recent Iron Reduction in Tilled Soils (C6)
- ___ Thin Muck Surface (C7)
- ___ Other (Explain in Remarks)

Secondary Indicators (2 or more required)

- ___ Water Marks (B1) (**Riverine**)
- ___ Sediment Deposits (B2) (**Riverine**)
- ___ Drift Deposits (B3) (**Riverine**)
- ___ Drainage Patterns (B10)
- ___ Dry-Season Water Table (C2)
- ___ Crayfish Burrows (C8)
- ___ Saturation Visible on Aerial Imagery (C9)
- ___ Shallow Aquitard (D3)
- ___ FAC-Neutral Test (D5)

Field Observations:

Surface Water Present? Yes _____ No ✔ Depth (inches): _____

Water Table Present? Yes _____ No ✔ Depth (inches): _____

Saturation Present? (includes capillary fringe) Yes _____ No ✔ Depth (inches): _____

Wetland Hydrology Present? **Yes** _____ **No** ✔

Describe Recorded Data (stream gauge, monitoring well, aerial photos, previous inspections), if available:

Remarks:

No wetland hydrology indicators observed at sample point.

Appendix E

Representative Photographs

Photo 1. Representative view of seasonal wetland (SW)-1 looking west. Note that the shovel is at the data point (DP)-21 location. Photo taken 1/29/2024.

Photo 2. Representative view of SW-2 looking east. Note that the shovel is at the DP-9 location. Photo taken 1/29/2024.

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Photo 3. Representative view of SW-3 looking west. Photo taken 1/29/2024.

Photo 4. Representative view of SW-4 looking east. Note that the shovel is at the DP-18 location. Photo taken 1/29/2024.

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Photo 5. Representative view of SW-5 looking northwest. Note that the shovel is at the DP-28 location. Photo taken 1/29/2024.

Photo 6. Representative view of SW-6 looking west. Note that Foothills Boulevard is visible in the background. Photo taken 1/29/2024.

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Photo 7. Representative view of DP-3 within a previously graded area where water pools in an upland depression. Photo taken 1/29/2024.

Photo 8. Representative view of DP-4 within a detention basin adjacent to Winding Creek Road. This feature lacked hydric soils and is actively used to detain stormwater from the site, which is tied into a stormwater drainage system via a drop inlet culvert. Photo taken 1/29/2024.

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Photo 9. Representative view of vernal pool (VP)-1 looking southwest. Photo taken 1/29/2024.

Photo 10. Representative view of VP-2 looking east. Note that the shovel is at the DP-14 location. Photo taken 1/29/2024.

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Photo 11. Representative view of VP-3 looking north. Note that the shovel is at the DP-6 location. Photo taken 1/29/2024.

Photo 12. Representative view of wetland swale (WS)-1 looking northeast. Note that the shovel is at the DP-24 location. Photo taken 1/29/2024.

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Photo 13. View of WS-1 looking north towards Pleasant Grove Creek. Note that the wetland swale transitions to an ephemeral drainage, which then flows into Pleasant Grove Creek. Photo taken 1/29/2024.

Photo 14. Representative view of DB-1 looking northwest. Photo taken 3/14/2024.

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Culvert at southern end of DB-1 looking southwest. Photo taken 3/14/2024.

View of earthen levee separating the detention basin from Pleasant Grove Creek. Pleasant Grove Creek is present to the left just outside of the photo. Evidence of overtopping visible in photo. Photo taken 3/14/2024.

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Phase I Environmental Site Assessment

M4 Properties

1001, 1101, 1130, 1200, 1300, 1400, 1401, 1600, and 1601 Winding Creek Road

Roseville, Placer County, California

April 7, 2023

Terracon Project No. NB237172.5

Chase File No. 51-22-009210-000

Site Visit Date: March 30, 2023

Database Report Date: March 22, 2023

Prepared for:
JPMorgan Chase Bank, N.A.
Columbus, Ohio

Prepared by:
Terracon Consultants, Inc.
Sacramento, California

General Performance Standards

Conflict Certification

Terracon has no present or contemplated future ownership interest or financial interest in the real estate that is the subject of this Environmental Assessment Report; and Consultant has no personal interest with respect to the subject matter of the Environmental Assessment Report of the parties involved and consultant has no relationship with the property or the owners thereof which would prevent an independent analysis of the environmental or other conditions of the property.

Disclaimer Language

Unless expressly authorized in writing by JPMorgan Chase Bank, NA (JPMC), no one is permitted or intended to rely upon the findings, conclusion or recommendations found herein. This information is provided as a courtesy only and its accuracy has not been verified. The recipient accepts this information with the express understanding that no representations or warranties are made with respect to this information and that the recipient must make an independent determination of the accuracy of any information contained herein. The recipient acknowledges that JPMorgan Chase, N.A. has no responsibility for this information and the recipient releases JPMorgan Chase, N.A. from liability for any inaccuracy, mistake or other defect in this information.

Reliance

Reliance on this ESA, prepared by Terracon and dated April 7, 2023, by the client and all authorized participants, co-lenders and assignees of any indebtedness secured by the subject property will be subject to the terms, conditions, and limitations stated in the current Environmental Services Agreement between Terracon and JPMorgan Chase Bank, N.A.

April 7, 2023

JPMorgan Chase Bank, N.A.
1111 Polaris Parkway
Columbus, Ohio

Attn: Ms. Amanda Wilson
E: Amanda.wilson@chase.com

Re: Phase I Environmental Site Assessment
M4 Properties
1001, 1101, 1130, 1200, 1300, 1400, 1401,1500, 1600, and 1601 Winding Creek Road
Roseville, Placer County, California 95747
Terracon Project No. NB237172.5
Chase File No. 51-22-009210-000

Dear Ms. Wilson:

Terracon Consultants, Inc. (Terracon) is pleased to submit the enclosed Phase I Environmental Site Assessment (ESA) report for the above-referenced subject property (hereinafter known as the 'subject property'). This assessment was performed in accordance with the Environmental Services Agreement between Terracon and JPMorgan Chase Bank, N.A. and the Chase Project Task Order, dated March 16, 2023.

We appreciate the opportunity to be of service to you on this project. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

Santiago Calderon	Tony P. Mikacich, P.G. 9918	Sadie Bodiford
Assistant Geologist	Professional Geologist	Project Manager

Attachments

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APPENDICES

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APPENDIX B	Photographs
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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was performed in accordance with the Chase Project Task Order, dated March 16, 2023, provided to Terracon Consultants, Inc. (Terracon) by JPMorgan Chase Bank, N.A., and was conducted consistent with the procedures included in ASTM E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and the JPMorgan Chase Due Diligence Guidance, dated January 2021. The ESA was conducted under the supervision or responsible charge of Sadie Bodiford, Environmental Professional. Santiago Calderon Sierra performed the site reconnaissance on March 30, 2023.

Findings and Opinions

A summary of findings is provided below. It should be recognized that details were not included or fully developed in this section, and the report must be read in its entirety for a comprehensive understanding of the items contained herein.

Subject Property Description and Use

The subject property is located at 1001, 1101, 1130, 1200, 1300, 1400, 1401, 1500, 1600, and 1601 Winding Creek Road in Roseville, Placer County, California and consists of an approximately 63-acre tract of land identified as Assessor Parcel Numbers (APNs) 017-250-058-000, 485-090-003-000, 485-090-002-000, 485-090-001-000, 485-080-004-000, 485-080-003-000, 485-090-004-000, 485-080-002-000, 485-080-001-000, and 485-090-005-000. The subject property consists of vacant land with no active operations.

Historical Information

Based on a review of the historical information, the subject property consisted of undeveloped land from as early as the 1910s and was the developed with existing Winding Creek Road and stormwater catch basins on the central portion of the subject property by the late 2000s. According to historical city directories and records reviewed with local agencies, the subject property has not been occupied.

The properties adjoining the subject property have consisted of undeveloped land with Pleasant Grove Creek to the north and a railroad track to the east from as early as 1910 through the early 1960s. The northern adjoining properties were developed with several industrial waste ponds north of Pleasant Grove Creek from the mid-1960s through the early 1990s. The industrial wastewater ponds appeared filled in by the late 1990s, and the northern adjoining properties have remained as vacant land through the present. The eastern adjoining properties have consisted of undeveloped land followed by the existing railroad track and Industrial Avenue through the present. The southern adjoining properties were developed with the existing multi-tenant commercial buildings by the mid-2000s. The western adjoining property was developed with the

existing commercial buildings by the mid-1990s. The former industrial waste ponds located to the north of the subject property are discussed further below.

Records Review

Selected federal and state environmental regulatory databases as well as responses from state and local regulatory agencies were reviewed. The subject property was not identified in the environmental regulatory database.

Placer County Industrial Treatment Ponds / Sunset Septage Lagoons (South End of Cincinnati Avenue), identified as a northern adjoining property and hydrogeologically up- to cross-gradient relative to the subject property, is listed on the CALSITES Database (CALSITES), EnviroStor Database (ENVIROSTOR), Solid Waste Information System (SWIS) (SWF/LF), and Waste Management Unit Database (WMUD) databases. The listings provided no information relating to the industrial treatment ponds or septage lagoons but indicated that records may exist with the Regional Water Quality Control Board (RWQCB) and/or Placer County Environmental Health (PCEH).

Terracon reviewed the State Water Resources Control Board's (SWRCB) online database GeoTracker for records relating to the facility (Case No. L10001023851). According to the September 2017 *Groundwater Monitoring Well Destruction Report*, prepared by SCS Engineers (SCS), the property formerly operated two unlined industrial wastewater ponds from the mid-1960s to 1986 and a septage receiving facility, including three unlined septage ponds, from 1981 to 1997. A total of eleven groundwater monitoring wells (MWs) were installed between 1994 and 1996, ranging from approximately 35 to 127 feet bgs, to assess groundwater quality conditions due to operations associated with the former septage ponds. Groundwater samples were analyzed for the following analytical suite: chlorine, total dissolved solids (TDS), total organic carbon (TOC), nitrate as N, sulfate, pH, turbidity, and specific conductance. Facility closure activities were conducted in 2001 and included grading and applying a cap consisting of an 18-inch thick, low permeability soils layer and a 6-inch thick vegetative layer over the former ponds. A portion of the MWs are depicted on Exhibit 2, and a copy of the SCS report is included in Appendix E.

According to the July 2017 *Semi-Annual Groundwater Monitoring Report, First Half 2017*, prepared by Applied Engineering and Geology, Inc. (AEG), groundwater samples were most recently collected from the facility MWs in May 2017. MW-4D is located closest to the subject property, between the former industrial waste ponds and Pleasant Grove Creek, and had no reported exceedances of the analytical suite listed above. AEG concluded results from the groundwater monitoring event were similar to prior monitoring events, and long-term concentration trends appear to be decreasing or stable in most MWs, with the exception of those that appear to be changing due to drought/overdraft conditions or a change in up-gradient groundwater chemistry. The MWs were destroyed in August 2017, and a *Covenant and Agreement to Restrict Use of Property* was placed for APN 017-117-010-000 (4242 Cincinnati Avenue) to address future human health, safety, and the environment due to "three closed and capped former unlined septage ponds". The property is restricted from developing the former

ponds to prevent disturbance, and is not allowed to develop the area for human habitation, hospitals, schools for people under the age of 21, or care or community centers for children or senior citizens. In August 2019, the Central Valley Regional Water Quality Control Board (CVRWQCB) rescinded Water Discharge Requirement (WDR) 5-01-016 and closed the case. Based on the reported closure by the CVRWQCB and nature of reported contaminants of concerns associated with the former septage ponds, the former unlined septage ponds do not represent a Recognized Environmental Condition (REC) to the subject property.

Terracon also reviewed records with PCEH for information relating to the former industrial wastewater ponds; however, all provided records were relating to the former septage ponds. Terracon was unable to identify records regarding the industrial wastewater ponds, including the nature of operations associated with generation of the industrial wastewater. Based on the absence of additional information relating to the unlined industrial wastewater ponds, including source operations and subsurface investigation following their closure, and length of operations (~20 years), the potential of a release to the subsurface associated with the two former unlined industrial wastewater ponds represent a REC to the subject property.

Site Reconnaissance

During the subject property reconnaissance, Terracon observed five pad-mounted transformers, and two stormwater catch basins. Based on subject property observations and interview with Ms. Joan Moses, Property Manager, the observed features do not represent a REC to the subject property.

Adjoining Properties

The northern adjoining properties consist of Pleasant Grove Creek followed by vacant land. The eastern adjoining properties consist of vacant land followed by a railroad and Industrial Avenue. The southern adjoining properties consist of several commercial buildings occupied by Consentino Center Sacramento (10015 Foothills Boulevard), Lennox Stores, Patriot Machining & Fab, Universal Plastics, Inc, KDC Construction, Homewood Door & Millwork, Mark IV Capital (1010-1040 Winding Creek Road). The western adjoining properties consist of PASCO Scientific, Tarbiya Institute Roseville, PRIDE Industries, and Life Community Church (10015-10101 Foothills Boulevard). RECs were not observed in association with adjoining properties during the reconnaissance.

Additional Services

The following additional services and associated findings were performed:

- Archeological Features, Endangered Species or Landmarked Structures: The subject property is primarily undeveloped and as such, there is a potential for Archeological and Threatened and Endangered (T&E) species to be present at the subject property.
- Radon Records Review: The subject property is located in EPA Zone 2 (2.0 to 4.0 picoCuries per Liter).

- Wetlands Record Review: The National Wetland Inventory (NWI) identified two Freshwater Emergent Wetland areas on the eastern and central portion of the subject property.
- Visual Inspection for Asbestos Containing Materials (ACM): At the time of the subject property reconnaissance, the subject property was observed to be vacant with no on-site buildings or structures. Therefore, potential ACM were not observed.
- Visual Inspection for Mold: At the time of the subject property reconnaissance, the subject property was observed to be vacant with no on-site buildings or structures. Therefore, moisture intrusion concerns are not applicable.
- Visual Inspection for Lead Based Paints (LBP): At the time of the subject property reconnaissance, the subject property was observed to be vacant with no on-site buildings or structures. Painted materials were not observed during the subject property reconnaissance; therefore, potential LBP materials were not observed.

Significant Data Gaps
No significant data gaps were identified.

Opinions and Conclusions

We have performed a Phase I ESA consistent with the procedures included in ASTM Practice E1527-21 of the M4 Properties located at 1001, 1101, 1130, 1200, 1300, 1400, 1401, 1500, 1600, and 1601 Winding Creek Road in Roseville, Placer County, California. Controlled RECs (CRECs) were not identified in connection with the subject property; however, the following REC was identified in connection with the subject property:

- **Former Industrial Wastewater Ponds:** Based on the absence of additional information relating to the adjoining unlined industrial wastewater ponds, including source operations and subsurface investigation following their closure, and length of operations (~20 years), the potential of a release to the subsurface associated with the two unlined industrial wastewater ponds represent a REC to the subject property.

Recommendations

Based on the scope of services, limitations, and conclusions of this assessment, Terracon recommends further investigation to assess the above-identified REC.

Though not identified as RECs, further investigation may be warranted to evaluate for the presence of archaeological features, T&E species, and wetlands prior to future development of the subject property.

1.0 INTRODUCTION

1.1 Site Description

Site Name	M4 Properties
Site Location/Address	1001, 1101, 1130, 1200, 1300, 1400, 1401, 1500, 1600, and 1601 Winding Creek Road, Roseville, Placer County, California Assessor Parcel Numbers (APNs) 017-250-058-000, 485-090-003-000, 485-090-002-000, 485-090-001-000, 485-080-004-000, 485-080-003-000, 485-090-004-000, 485-080-002-000, 485-080-001-000, and 485-090-005-000.
Land Area	Approximately 63 acres.
Site Improvements	The subject property consists of vacant land with some utilities.
Anticipated Future Site Use	Develop with nine single-story office/warehouse buildings.
Reason for Conduction the ESA	In consideration of a mortgage loan.

The location of the subject property is depicted on Exhibit 1 of Appendix A, which was reproduced from a portion of the USGS 7.5-minute series topographic map. The subject property and adjoining properties are depicted on the Site Diagram, which is included as Exhibit 2 of Appendix A. Acronyms and terms used in this report are described in Appendix G.

1.2 Scope of Services

This Phase I ESA was performed in accordance with the Chase Project Task Order, dated March 16, 2023, provided to Terracon Consultants, Inc. (Terracon) by JPMorgan Chase Bank, N.A., our current Environmental Services Agreement, and was conducted consistent with the procedures included in ASTM E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and the JPMorgan Chase Due Diligence Guidance, dated January 2021. The purpose of this ESA was to assist the client in developing information to identify RECs in connection with the subject property as reflected by the scope of this report. This purpose was undertaken through user-provided information, a regulatory database review, historical and physical records review, interviews, including local government inquiries, as applicable, and a visual noninvasive reconnaissance of the subject property and adjoining properties. Limitations, ASTM deviations, and significant data gaps (if identified) are noted in the applicable sections of the report.

As requested by the client, the following additional services were performed:

- Archeological/Endangered Species/Landmarks
- Radon Records Review
- Wetland Records Review
- Visual Observations for Suspect Asbestos-Containing Materials
- Visual Observations for Water Intrusion and Mold

- Visual Observations of Suspect Lead-Based Paint

1.3 Standard of Care

This ESA was performed in accordance with generally accepted practices of this profession, undertaken in similar studies at the same time and in the same geographical area. We have endeavored to meet this standard of care, but may be limited by conditions encountered during performance, a client-driven scope of work, or inability to review information not received by the report date. Where appropriate, these limitations are discussed in the text of the report, and an evaluation of their significance with respect to our findings has been conducted.

Phase I ESAs, such as the one performed at this subject property, are of limited scope, are noninvasive, and cannot eliminate the potential that hazardous, toxic, or petroleum substances are present or have been released at the subject property beyond what is identified by the limited scope of this ESA. In conducting the limited scope of services described herein, certain sources of information and public records were not reviewed. It should be recognized that environmental concerns may be documented in public records that were not reviewed. No ESA can wholly eliminate uncertainty regarding the potential for RECs in connection with a property. Performance of this practice is intended to reduce, but not eliminate, uncertainty regarding the potential for RECs. No warranties, express or implied, are intended or made. The limitations herein must be considered when the user of this report formulates opinions as to risks associated with the subject property or otherwise uses the report for any other purpose. These risks may be further evaluated – but not eliminated – through additional research or assessment. We will, upon request, advise you of additional research or assessment options that may be available and associated costs.

1.4 Additional Scope Limitations, ASTM Deviations and Data Gaps

Based upon the agreed-on scope of services, this ESA did not include subsurface or other invasive assessments, vapor intrusion assessments or indoor air quality assessments (i.e. evaluation of the presence of vapors within a building structure), business environmental risk evaluations, or other services not particularly identified and discussed herein. Credentials of the company (Statement of Qualifications) have not been included in this report but are available upon request. Pertinent documents are referred to in the text of this report, and a separate reference section has not been included. Reasonable attempts were made to obtain information within the scope and time constraints set forth by the client; however, in some instances, information requested is not, or was not, received by the issuance date of the report. Information obtained for this ESA was received from several sources that we believe to be reliable; nonetheless, the authenticity or reliability of these sources cannot and is not warranted hereunder.

This ESA was further limited by the following:

- The client did not provide User Information as outlined in ASTM E1527-21. Terracon assumes that the client is considering User Information outside of the context of this report.

- During the subject property reconnaissance, portions of the subject property were not able to be accessed due to flooding and mud from recent rains, and surface conditions could not be observed. Based on historical imagery and records reviews, the limited access does not appear to represent a significant data gap.
- Reasonable attempts were made to contact the local and state government agencies; however, at the issuance of this report, a response from the City of Roseville City Clerk has not been received. Based on the historical and environmental regulatory database reviews, the absence of a response from the agency does not appear to represent a significant data gap.

An evaluation of the significance of limitations and missing information with respect to our findings has been conducted, and where appropriate, significant data gaps are identified and discussed in the text of the report. However, it should be recognized that an evaluation of significant data gaps is based on the information available at the time of report issuance, and an evaluation of information received after the report issuance date may result in an alteration of our conclusions, recommendations, or opinions. We have no obligation to provide information obtained or discovered by us after the issuance date of the report, or to perform any additional services, regardless of whether the information would affect any conclusions, recommendations, or opinions in the report. This disclaimer specifically applies to any information that has not been provided by the client.

This report represents our service to you as of the report date and constitutes our final document; its text may not be altered after final issuance. Findings in this report are based upon the site's current utilization, information derived from the most recent reconnaissance and from other activities described herein; such information is subject to change. Certain indicators of the presence of hazardous substances, petroleum products or PFAS compounds may have been latent, inaccessible, unobservable, or not present during the most recent reconnaissance and may subsequently become observable (such as after site renovation or development). Further, these services are not to be construed as legal interpretation or advice.

1.5 Client Provided Information

Prior to the subject property visit, the client's representative was asked to provide the user questionnaire information as described in ASTM E1527-21.

The client did not provide the requested User's information as of the issuance date of the report, which represents a data gap. Terracon assumes the client is evaluating the questionnaire information outside the context of Terracon's Phase I ESA scope of work and report.

2.0 PHYSICAL SETTING

Physical Setting Information		Source
Topography		
Site Elevation	Approximately 110 feet above mean sea level (msl).	USGS Topographic Map, Roseville, California Quadrangle, 1992 (Appendix A)
Topographic Gradient	Surface runoff appears to be towards the northwest.	
Closest Surface Water	Pleasant Grove Creek, approximately 30 feet north of the subject property.	
Soil Characteristics		
Soil Type and Description	Kilaga loam (50%) This soil, located throughout the northern portion of the subject property, is well drained. Parent materials consist of alluvium. Typical soil profile consists of loam down to 19 inches below ground surface (bgs) underlain by clay loam to 30 inches bgs, clay to 56 inches bgs, and sandy clay loam to a total depth of 80 inches bgs. Cometa-Fiddyment complex (50%) This soil, located throughout the southern portion of the subject property, is well drained with 1 to 5 percent slopes. Parent materials consist of alluvium derived from granite. Typical soil profiles consist of sandy loam down to 18 inches bgs, underlain by clay to 29 inches followed by sandy loam to a total depth of 60 inches bgs.	Placer County, California USDA-NRCS Web Soil Survey, issued September 16, 2022
Geology/Hydrogeology		
Formation	Quaternary deposits (QPc)	California Department of Conservation, Geologic Map of California, dated 2015
Description	Pliocene and/or Pleistocene sandstone, shale, and gravel deposits; mostly loosely consolidated.	
Estimated Depth to First Occurrence of Groundwater	Approximately 67 feet to 77 feet bgs.	State Water Resources Control Board (SWRCB) online database

Physical Setting Information		Source
*Hydrogeologic Gradient	Southwest.	GeoTracker Sunset Septage Receiving Facility (L10001023851), *Semi-Annual Groundwater Monitoring Report, First Half 2017*, dated July 10, 2017

* The groundwater flow direction and the depth to shallow, unconfined groundwater, if present, would likely vary depending upon seasonal variations in rainfall and other hydrogeological features. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the site cannot be directly ascertained.

3.0 HISTORICAL USE INFORMATION

Terracon reviewed the following historical sources to develop a history of the previous uses of the subject property and surrounding area, in order to help identify RECs associated with past uses. Copies of selected historical documents are included in Appendix C.

3.1 Historical Topographic Maps, Aerial Photographs, Sanborn Maps

Readily available historical USGS topographic maps, selected historical aerial photographs (at approximately 10 to 15 year intervals) and historical fire insurance maps produced by the Sanborn Map Company were reviewed to evaluate land development and obtain information concerning the history of development on and near the subject property. Reviewed historical topographic maps, aerial photographs and Sanborn maps are summarized below.

Historical fire insurance maps produced by the Sanborn Map Company were requested from ERIS to evaluate past uses and relevant characteristics of the subject property and surrounding properties. Sanborn maps were not provided.

- Topographic maps:
  - United States Geologic Survey, Roseville, California, published in **1910**, **1967**, **1975**, **1981**, **1992**, **2015**, **2018**, and **2021** (1:24,000)
  - United States Geologic Survey, Markham Ravine, California, published in **1942** (1:62,500)
  - United States Geologic Survey, Lincoln, California, published in **1953** (1:62,500)
- Aerial photographs:
  - United States Geologic Survey, published in **1947**, **1984**, **1993**, and **1998** (1”=500’)
  - Agricultural Stabilization & Conserv. Services, published in **1952** (1”=500’)
  - Army Mapping Services, published in **1954** (1”=500’)
  - Cartwright Aerial Surveys, published in **1961** (1”=500’)

- United States Department of Agriculture, published in **2004**, **2005**, **2009**, **2010**, **2012**, **2014**, **2016**, **2018**, **2020**, and **2022** (1"=500')

Historical Maps and Aerial Photographs

Direction	Description
Subject property	Undeveloped land (1910-2005); developed with existing Winding Creek Road and two stormwater catch basins on central portion (2009-2022)
North	Pleasant Grove Creek followed by vacant land (1910-1961); Pleasant Grove Creek followed by *industrial waste ponds* and vacant land (1966-1998); Pleasant Grove Creek followed by vacant land (2004-2022).
East	Undeveloped land (1910-1942); vacant land followed by existing railroad and Industrial Avenue (1947-2022).
South	Undeveloped land (1910-1998); developed with existing multi-tenant commercial buildings and asphalt-paved parking lot (2004-2022).
West	Undeveloped land (1910-1981); vacant land followed by existing Foothills Boulevard (1984); developed to existing layout with two commercial buildings, vacant land, and Foothills Boulevard followed by two commercial buildings and vacant land (1993-2022).

The northern adjoining industrial waste ponds were identified in the environmental regulatory database and are discussed further in Section 4.1.

3.2 Historical City Directories

The Polks, Haines, and Digital Business Directory city directories used in this study were made available through ERIS (selected years reviewed: 1960 to 2022) and were reviewed at approximate five-year intervals, if readily available. Street listings were not available prior to 1960. The current street address for the subject property was identified as 1001, 1101, 1130, 1200, 1300, 1400, 1401, 1500, 1600, and 1601 Winding Creek Road.

Historical City Directories

Direction	Description
Subject property	**1001, 1101, 1130, 1200, 1300, 1400, 1401, 1500, 1600, and 1601 Winding Creek Road**: No listings (1960-2022).
North	**4242 Cincinnati Avenue**: No listings (1960-2022).
East	None – vacant land followed by railroad and Industrial Boulevard.
South	**10015 Foothills Boulevard**: No listings (1960-2003); Master Tile Pool Tile Div (2008); Master Tile West (2008); C C North America (2016-2020); Fitness Md (2016-2022); C C North America (2022). **1010 Winding Creek Road**: No listings (1960-2003); Dovebid Inc Test & Measurement (2008); Lesco Service Ctr (2008); Metown Test & Measurement Inc (2008); Video Tech (2008); Megown Test & Measurement Inc (2012); Sun Works Inc (2016); Solar United

Direction	Description
	Network Inc (2016-2022); *Altaquip* (2020); *Lennox Parts Plus* (2020-2022); Cistor Llc (2022); Tomax Technology (2022). **1020 Winding Creek Road**: No listings (1960-2003); *E2c Remediation* (2008-2022); Cheer Starz Inc (2012); *International Game Technology* (2012-2016); Sierra Energy (2012-2020); *Universal Plastics* (2012-2022); M & M Materials (2016); Mark Iv Capital (2020); Environmental Engineering (2020-2022); Sierra Co Inc (2020-2022); Kdc Constructions (2022). **1030 Winding Creek Road**: No listings (1960-2003); Independent Electric Supl Inc (2008); Patterson Dental Supply (2008); Johnson Controls Inc (2008-2016); Patterson Dental Co (2008-2022); Patterson Dental Supply Co (2012-2022); Sunworks Inc (2020) **1040 Winding Creek Road**: Mark Iv Capital (2022).
West	**10020 Foothills Boulevard**: No listings (1960-2003); Warehouse Christian Ministries (2008); Bayside Of West Roseville Chr (2012-2022). **10030 Foothills Boulevard**: No listings (1960-2000); Ctsa (2003-2008); Ctsa Inc (2008); *Pride Industries* (2008-2022); South Placer Regl Trnsprtn Ath (2016); Crossroads Diversified Svc (2022); Crossroads Facility Svc (2022). **10031 Foothills Boulevard**: No listings (1960-1995); Building (2000); Union Pacific Ra Co Info (2000); Union Pacific Ra Co Police (2000); Union Pacific Rr Co Claims (2000); Union Pacific Rr Co Cmnctns (2000); Union Pacific Rr Co Engineering (2000); Union Pacific Rr Co Law Dept (2000); Union Pacific Rr Co Pfe (2000); Union Pacific Rr Co Purchasing (2000); Union Pacific Rr Co Rail Yard (2000); Union Pacific Rr Co Shops (2000); *Union Pacific Railroad Company* (2008-2020). **10101 Foothills Boulevard**: No listings (1960-1990); *Pasco Scientific* (1995-2022).

The underlined and italicized facilities listed in the table above are identified in the environmental regulatory database and are discussed further in Section 4.1.

3.3 Site Ownership

Based on a review of information obtained from the Placer County Assessor's office, the current subject property owner is M4 Foothills Land LLC, which acquired the property on October 26, 2021. Previous owners were not identified.

3.4 Title Search

At the direction of the client, a title search was not included as part of the scope of services. Unless notified otherwise, we assume that the client is evaluating this information outside the scope of this report.

3.5 Environmental Liens and Activity and Use Limitations

The scope of work did not include use of a title professional to obtain environmental lien or activity and use limitations. Environmental lien and AUL records recorded against the subject property were not provided by the client. The ERIS regulatory database report included a review of both

Federal and State Engineering Control (EC) and Institutional Control (IC) databases. Based on a review of the database report, the subject property was not listed on the EC or IC databases. Please note that in addition to these federal and state listings, AULs can be recorded at the county and municipal level that may not be listed in the regulatory database report.

3.6 Other Historical Sources

Terracon conducted an internet search for the subject property addresses. The subject property has been remained vacant land, and previous tenants or operations were not identified.

4.0 RECORDS REVIEW

Regulatory database information was provided by ERIS, a contract information services company in a report March 22, 2023. The purpose of the records review was to identify RECs in connection with the subject property. Information in this section is subject to the accuracy of the data provided by the information services company and the date at which the information is updated. The scope herein did not include confirmation of facilities listed as "unmappable" by regulatory databases.

In some of the following subsections, the words up-gradient, cross-gradient and down-gradient refer to the topographic gradient in relation to the subject property. As stated previously, the groundwater flow direction and the depth to shallow groundwater, if present, would likely vary depending upon seasonal variations in rainfall and the depth to the soil/bedrock interface. Without the benefit of on-site groundwater monitoring wells surveyed to a datum, groundwater depth and flow direction beneath the subject property cannot be directly ascertained.

4.1 Federal and State/Tribal Databases

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate subject property boundaries. Database definition, descriptions, and the database search report are included in Appendix D.

Federal Databases

Database	Description	Distance (miles)	Listings
CERCLIS	Comprehensive Environmental Response, Compensation, & Liability Information System	0.5	0
CERCLIS NFRAP	Comprehensive Environmental Response, Compensation, & Liability Information System/No Further Remedial Action Planned	0.5	0
ERNS	Emergency Response Notification System	Subject Property	0
IC / EC	Institutional Control/Engineering Control	Subject Property	0
NPL	National Priorities List	1.0	0

Database	Description	Distance (miles)	Listings
DELETED NPL	National Priorities Delisted List	0.5	0
RCRA CORRACTS/ TSD	RCRA Corrective Action Activity	1.0	1
RCRA Generators	Resource Conservation and Recovery Act	Subject Property and adjoining properties	1
RCRA Non-CORRACTS/ TSD	RCRA Non-Corrective Action Activity	0.5	0
RCRA NON GEN	Resource Conservation and Recovery Act Non-Generators	Subject Property and adjoining properties	3
SEMS	Superfund Enterprise Management System List 8R Active Site Inventory	0.5	0
SEMS ARCHIVE	Superfund Enterprise Management System List 8R Active Archive Sites	0.5	0

State / Tribal Databases

Database	Description	Distance (miles)	Listings
ALT FUELS	Alternative Fueling Stations	0.25	1
AST	Aboveground Storage Tanks	Subject Property and adjoining properties	0
C&D DEBRIS RECY	Construction and Demolition Debris Recyclers	0.25	2
CALSITES	CALSITES Database	0.5	1
CERS HAZ	California Environmental Reporting System (CERS) Hazardous Waste Sites	Subject Property and adjoining properties	7
CERS TANK	California Environmental Reporting System (CERS) Tanks	0.25	3
CLEANUP SITES	GeoTracker Cleanup Program Sites	0.5	0
CUPA PLACER	Placer County - CUPA Facilities List	0.25	11
CUPA ROSEVILLE	Placer County - City of Roseville CUPA Facilities	0.25	138

Database	Description	Distance (miles)	Listings
DELISTED COUNTY	Delisted County Records	0.25	5
DELISTED CTANK	Delisted California Environmental Reporting System (CERS) Tanks	0.25	1
DELISTED HAZ	Delisted California Environmental Reporting System (CERS) Hazardous Waste Sites	0.5	2
EMISSIONS	Toxic Pollutant Emissions Facilities	0.25	19
ENVIROSTOR	EnviroStor Database	0.5	2
INDIAN LUST	Leaking Underground Storage Tanks (LUSTs) on Indian Lands	0.5	0
INDIAN UST	Underground Storage Tanks (USTs) on Indian Lands	Subject Property and adjoining properties	0
LDS	Land Disposal Sites	0.5	1
LUST	Leaking Underground Storage Tanks	0.5	1
RESPONSE	State Response Sites	1.0	0
SCH	School Property Evaluation Program Sites	1.0	1
SML PLACER	Placer County - Site Mitigation List	0.5	1
SWF/LF	Solid Waste Information System (SWIS)	0.5	3
UST	Underground Storage Tanks	Subject Property and adjoining properties	0
VCP	Voluntary Cleanup Program	0.5	0
WMUD	Waste Management Unit Database	0.5	1

In addition to the above ASTM-required listings, Terracon reviewed other federal, state, local, and proprietary databases provided by the database firm. A list of the additional reviewed databases is included in the regulatory database report included in Appendix D.

The subject property is not identified in the environmental regulatory database.

The following table summarizes the site-specific information provided by the database and/or gathered by this office for identified facilities. Facilities within 500 feet are listed in order of proximity to the subject property. Additional discussion for selected facilities follows the summary table.

Listed Facilities

Facility Name and Location	Estimated Distance / Direction / Gradient	Database Listings*	Is a REC, CREC, or HREC to the Site
Placer County Industrial Treatment Ponds / Sunset Septage Lagoons South End of Cincinnati Avenue	Adjoining / North / Up- to Cross-gradient	CALSITES, ENVIROSTOR, SWF/LF, WMUD	REC, discussed below.
Union Pacific Railroad – Foothills 10031 Foothills Boulevard	Adjoining / West / Down- to Cross-gradient	EMISSIONS, PRP, RCRA NON GEN	No, discussed below.
Pasco Scientific 10101 Foothills Boulevard	Adjoining / West / Down- to Cross-gradient	CERS HAZ, CUPA ROSEVILLE, RCRA NON GEN	No, discussed below.
Altaquip / Independence Precision Machining LLC / Lennox Store A551 / Patriot Machining and Fabrication LLC / Patriot Machining Manufacturing 1010 Winding Creek Road	65 feet / South / Down- to Cross-gradient	CERS HAZ, CUPA ROSEVILLE, DELISTED COUNTY, RCRA NON GEN	No, based on distance, gradient, and nature of listings.
E2C Remediation / International Game Technology / Universal Plastics 1020 Winding Creek Road	65 feet / South / Down- to Cross-gradient	CERS HAZ, CUPA ROSEVILLE, DELISTED COUNTY, RCRA NON GEN	No, based on distance, gradient, and nature of listings.
Pride Industries 10030 Foothills Boulevard	130 feet / West / Down- to Cross-gradient	CERS HAZ, CUPA ROSEVILLE, EMISSIONS, RCRA NON GEN	No, based on distance, gradient, and nature of listings.

*The DELISTED COUNTY database covers facilities in Placer County that maintain a hazardous materials business plan (HMBP); however, the database is no longer updated. The list does not give information regarding hazardous materials stored, registration dates, or violations for these facilities. Discussion of facilities listed only on the DELISTED COUNTY database are omitted from the discussion below.

Placer County Industrial Treatment Ponds / Sunset Septage Lagoons (South End of Cincinnati Avenue)

The facility listed above, identified as a northern adjoining property and hydrogeologically up- to cross-gradient relative to the subject property, is listed on the CALSITES Database (CALSITES), EnviroStor Database (ENVIROSTOR), Solid Waste Information System (SWIS) (SWF/LF), and Waste Management Unit Database (WMUD) databases. The listings provided no information relating to the industrial treatment ponds or septage lagoons but indicated that records may exist with the Regional Water Quality Control Board (RWQCB) and/or Placer County Environmental Health (PCEH).

Terracon reviewed the State Water Resources Control Board's (SWRCB) online database GeoTracker for records relating to the facility (Case No. L10001023851). According to the September 2017 *Groundwater Monitoring Well Destruction Report*, prepared by SCS Engineers (SCS), the property formerly operated two unlined industrial wastewater ponds from the mid-1960s to 1986 and a septage receiving facility, including three unlined septage ponds, from 1981 to 1997. Prior to closure of the ponds, sediments were removed, and soil samples were collected, which indicated the presence of inorganic compounds in exceedance of background concentrations. A total of eleven groundwater monitoring wells (MWs) were installed between 1994 and 1996, ranging from approximately 35 to 127 feet bgs, to assess groundwater quality conditions due to operations associated with the former septage ponds. Facility closure activities were conducted in 2001 and included grading and applying a cap consisting of an 18-inch thick, low permeability soils layer and a 6-inch thick vegetative layer over the former ponds. A portion of the MWs are depicted on Exhibit 2, and a copy of the SCS report is included in Appendix E.

According to the July 2017 *Semi-Annual Groundwater Monitoring Report, First Half 2017*, prepared by Applied Engineering and Geology, Inc. (AEG), groundwater samples were most recently collected from the facility MWs in May 2017 and analyzed for the following analytical suite: chlorine, total dissolved solids (TDS), total organic carbon (TOC), nitrate as N, sulfate, pH, turbidity, and specific conductance. Concentration limits were established in accordance with the Monitoring and Reporting Program outlined in Water Discharge Requirement (WDR) 5-01-016 and are based on background groundwater quality data collected from MW-2D. The reported concentrations from the groundwater sampling event were compared to the established Concentration Limits (CLs) and Water Quality Objectives (WQOs), which are based on the California Primary and secondary Maximum Contaminant Levels (MCLs). The laboratory analytical results indicated that there were exceedances of the CLs for chloride, nitrate, sulfate, TOC, and specific conductance, but the reported concentrations were below WQOs, except for nitrate at MW-3D. MW-4D is located closest to the subject property, between the former industrial waste ponds and Pleasant Grove Creek, and had no reported exceedances of the analytical suite listed above. AEG concluded results from the groundwater monitoring event were similar to prior monitoring events, and long-term concentration trends appear to be decreasing or stable in most MWs, with the exception of those that appear to be changing due to drought/overdraft conditions or a change in up-gradient groundwater chemistry. In December 2016, Placer County requested to have the WDR for the facility rescinded based on observed water quality improvements. The RWQCB approved the request, following a deed restriction placed on the facility and the destruction of all groundwater MWs. The MWs were destroyed in August 2017, and a *Covenant and Agreement to Restrict Use of Property* was placed for APN 017-117-010-000 (4242 Cincinnati Avenue) to address future human health, safety, and the environment due to "three closed and capped former unlined septage ponds". The property is restricted from developing the former ponds to prevent disturbance, and is not allowed to develop the area for human habitation, hospitals, schools for people under the age of 21, or care or community centers for children or senior citizens. In August 2019, the Central Valley Regional Water Quality Control Board (CVRWQCB) rescinded WDR 5-01-016 and closed the case. Based on the reported closure by

the CVRWQCB and nature of reported contaminants of concerns associated with the former septage ponds, the former unlined septage ponds do not represent a REC to the subject property.

Terracon also reviewed records with PCEH for information relating to the former industrial wastewater ponds; however, all provided records were relating to the former septage ponds. Terracon was unable to identify records regarding the industrial wastewater ponds, including the nature of operations associated with generation of the industrial wastewater. Based on the absence of additional information relating to the unlined industrial wastewater ponds, including source operations and subsurface investigation following their closure, and length of operations (~20 years), the potential of a release to the subsurface associated with the two unlined industrial wastewater ponds represent a REC to the subject property.

Union Pacific Railroad – Foothills (10031 Foothills Boulevard)
The facility listed above, identified as a western adjoining property and hydrogeologically down- to cross-gradient relative to the subject property, is listed on Toxic Pollutant Emissions Facilities (EMISSIONS), Potentially Responsible Parties List (PRP), and Resource Conservation and Recovery Act Non-Generators (RCRA NON GEN) databases. According to the EMISSIONS listing, the facility was regulated by Placer County Air Pollution Control District (APCD) for the producing air emissions from 2008 to 2019. Violations or hazardous waste streams were not identified by the RCRA listing. The PRP listing indicated that in August 1998 a settlement was reached relating to State Highway 33 in Patterson, which is unrelated to the adjoining property facility. Based on this information, the PRP database listing appears erroneous in nature. Terracon also reviewed the Department of Toxic Substances Control's (DTSC) online Hazardous Waste Tracking System (HWTS) database, which indicated that the facility generated hazardous waste streams consisting of inorganic solid waste in 2007 and asbestos-containing waste in 2008. Based on the hydrogeological down- to cross-gradient gradient position of the facility relative to the subject property, nature of the listings and hazardous waste streams, and absence of reported violations, the facility does not represent a REC.

Pasco Scientific (10101 Foothills Boulevard)
The facility listed above, identified as a western adjoining property and hydrogeologically down- to cross-gradient relative to the subject property, is listed on California Environmental Reporting System Hazardous Waste Sites (CERS HAZ), Placer County - City of Roseville CUPA Facilities (CUPA ROSEVILLE), and RCRA NON GEN databases. According to the CERS database and CUPA ROSEVILLE listing, the facility is regulated for industrial stormwater, storage of hazardous materials, and generation of hazardous waste. The CERS database listing reported chemicals stored at the facility include polymethylene polyphenyl isocyanate, a resin used as a binder in particle board and foundry cores. Violations were not identified on the CERS or RCRA database listings. Terracon also reviewed the HWTS database, which indicated that the facility generated hazardous waste streams consisting of aqueous solution with organic residues, off-specification, aged, or surplus organics/inorganics, inorganic/organic solid waste, oil-containing waste, latex waste, unspecified organic liquid mixture, liquids with mercury, liquids with pH ≤2, and/or liquids containing metals with pH ≤2 from 1998 to 2018. Additionally, the facility generated 0.021 tons of liquids with halogenated organic compounds waste in 2000. Based on the hydrogeological down-

to cross-gradient gradient position of the facility relative to the subject property, limited reporting years, and absence of a reported release or violations, the Pasco Scientific facility does not represent a REC.

The remaining facilities listed in the database report do not appear to represent RECs to the site at this time based upon regulatory status, apparent topographic gradient, and/or distance from the subject property.

Unmapped facilities are those that do not contain sufficient address or location information to evaluate the facility listing locations relative to the subject property. The report listed five facilities in the unmapped section. Determining the location of unmapped facilities is beyond the scope of this assessment; however, none of these facilities were identified as the subject property or adjoining properties, except for Placer County Industrial Treatment Ponds, Sunset Septage Lagoons, and Union Pacific Railroad Company, previously discussed above. These facilities are listed in the database report in Appendix D.

4.2 Local Agency Inquiries

Agency Contacted / Contact Method	Response
Central Valley Regional Water Quality Control Board / R5S-PRA@waterboards.ca.gov	On April 3, 2023, Terracon received a response from the agency indicating records for the subject property were not identified.
City of Roseville City of Clerk / https://www.roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8739832	At the issuance of this report, a response from the agency has not been received.
City of Roseville Fire Department / https://www.roseville.ca.us/cms/One.aspx?portalId=7964922&pageId=8739832	On March 30, 2023, Terracon received a response from the agency indicating records for the subject property were not identified.
Department of Toxic Substances Control / PubReqAct@dtsc.dtsc.ca.gov	On March 21, 2023, Terracon received a response from the agency indicating records for the subject property were not identified.
Placer County Air Pollution Control District / https://placercounty.nextrequest.com/requests/new	On March 21, 2023, Terracon received a response from the agency indicating records for the subject property were not identified.
Placer County Community Development / https://placercounty.nextrequest.com/requests/new	On April 4, 2023, Terracon received a response from the agency indicating that the subject property is within the jurisdiction of the City of Roseville Building Department.
Placer County Environmental Health / https://placercounty.nextrequest.com/requests/new	On March 22, 2023, Terracon received a response from the agency indicating records for the subject property were not identified and recommended to contact the City of Roseville Fire Department.

4.3 Local Area Knowledge

Based on a review of the California Department of Conservation's Geologic Energy Management Division (CalGEM) Well Finder website, there are no active or decommissioned oil or gas production wells located on the site or surrounding properties.

Based on a review of the National Pipeline Mapping System (NPMS) Public Viewer website, hazardous liquid or gas transmission pipelines were not identified on the site or surrounding properties.

5.0 SITE RECONNAISSANCE

5.1 General Site Information

Information contained in this section is based on a visual reconnaissance conducted while walking through the subject property and the accessible interior areas of structures, if any, located on the subject property. The subject property and adjoining properties are depicted on the Site Diagram, which is included in Exhibit 2 of Appendix A. Photo documentation of the subject property at the time of the visual reconnaissance is provided in Appendix B. Credentials of the individuals planning and conducting the site visit are included in Appendix E.

General Site Information

Site Reconnaissance	
Field Personnel	Santiago Calderon Sierra
Reconnaissance Date	March 30, 2023
Weather Conditions	55°F, Sunny
Contact/Title	Ms. Joan Moses / Senior Property Manager

5.2 Overview of Current Occupants

During the subject property reconnaissance, the subject property was unoccupied.

5.3 Overview of Current Operations

During the subject property reconnaissance, the subject property had no active operations.

5.4 Observations

The following table summarizes observations and interviews. Affirmative responses (designated by an "X") are discussed in more detail following the table.

Site Observation Summary

Category	Item or Feature	Observed or Identified
Surface Staining or Discoloration	Unusual Odors	
	Petroleum Sheens	
	Distressed Vegetation	
Wastewater	Wastewater Treatment Systems	
	Septic Systems	
	Sumps	
	Drains	
	Seeps	
Oil Water Separators	Oil Water Separators	
Utilities	Heating Fuel Source	
	Electricity Source	
	HVAC Systems	
	Wells (Potable, Monitoring, Observations, Injection, etc)	
Flooring and Paved Surfaces	Suspect Areas of Patched Asphalt or Concrete	
	Pitted, Cracked or Stained Flooring	
Surface Waters	Wetlands, Ponds, Creeks or Surface Impoundments	X
Archeological / Endangered Species / Landmarks	Potential for Archeological Features, Endangered Species or Landmarked Structures	
Industrial Processes	Industrial or Manufacturing Processes	
	Hazardous Substance Use and Hazardous Wastes Generated	
	Storage of Petroleum Products and Hazardous Substances Storage Practices	
Exterior Industrial Features	Railroad Spurs	
	Baghouses	
	Air Emissions	
	Emergency Generators	
	Drums, Barrels, Totes	
	Unusual Odors	
Interior Industrial Features	Paint Booths, Spray Rigs	
	Air Compressors and Discharge Location	
	Emergency Generators	

Category	Item or Feature	Observed or Identified
	Unusual Odors	
	Radiologic Equipment	
Hydraulic Equipment and PCBs	Hydraulic Lifts	
	Transformers	X
	Elevators	
	Above or Under Oil Reservoirs	
Surface Features	Landfill, Dumping, Disturbed Soils, and Direct Burial Activity	
	Distressed, Discolored or Stained Vegetation	
	Adjacent Roadways, Alleyways, and Easements	
Aboveground Storage Tanks (ASTs) and Underground Storage Tanks (USTs)	ASTs	
	USTs	
	Permits/Tightness Testing/SPCC Plan	
	BMP for Fuel Storage Facilities	
Onsite Chemical Storage	Inventory of Regulated, Petroleum and Hazardous Substances.	
	Materials stored in containers 5 gallons or greater	
	Waste Disposal Documentation.	
	MSDS/Manifests/Waste Disposal Companies/Permits	
	BMP for Storage and Use of Hazardous Substances and Petroleum Products	
Agricultural	Known of Potential Groundwater or Surface Water Contamination	
	Farm Waste, Feed Lot Spoils or Manure Piles	
	Known or potential Prolonged Use, Misapplication, or Storage/Disposal of Herbicides/Pesticides	
Oil / Gas / Mineral Exploration	Well Exploration, Pipeline or Refinery Operations	
Asbestos-Containing Materials	Suspect, Presumed or Confirmed ACM, Based on Visual Observations and/or Lab Confirmation	
	Existing Operations and Maintenance Plan	
Lead-Based Paint	Suspect, Presumed or Confirmed LBP, Based on Visual Observations, XRF, and/or Lab Confirmation	
	Existing Operations and Maintenance Plan	
Potential for Radon	Published Radon Information	
	Radon Mitigation System	
Water Intrusion and Mold	Areas of Microbial Growth and Water Intrusion beyond Maintenance Issues	
	Complaints or Formal Response Actions Resulting from Water Intrusion and/or Mold	

Hydraulic Equipment and PCBs

Transformers

During the subject property reconnaissance, five pad-mounted transformers were observed on the central portions of the subject property, along Winding Creek Road. The transformers are owned and serviced by Roseville Electric; however, no information with regard to polychlorinated biphenyl (PCB) content of the transformer fluids was observed. Some transformers contain mineral oil which may contain PCBs.

Roseville Electric maintains responsibility for the transformers, and if the transformers are "PCB contaminated," the utility company is not required to replace the transformer fluids until a release is identified. However, evidence of current or prior releases was not observed in the vicinity of the electrical equipment during the site reconnaissance. Based on this information, the on-site electrical equipment does not appear to constitute a REC at this time.

Archeological / Endangered Species / Landmarks

The scope of work for this ESA did not include Archeological, Endangered Species, or Landmarks structure surveys by qualified professionals, records review through the State Historic Preservation Office (SHPO), nor is this intended to meet state program requirements for such.

A limited literature review was conducted to identify the potential occurrence of cultural resources on the subject property, consisting of historic properties and archaeological artifacts. Terracon reviewed the National Register of Historic Places for the subject property (https://www.nps.gov/index.htm). Cultural resources or structures of historical significance were not documented for the Property on the National Register of Historic Places. Based on the subject property's primarily undeveloped nature from at least 1910 through the present, there is a potential for archaeological artifacts to be present at the subject property.

Terracon reviewed the threatened and endangered species identified in the United States Fish and Wildlife Service (USFWS) Information for Planning and Conservation (IPaC) database. A copy of the IPaC search is included in Appendix C. Various threatened and endangered (T&E) species were identified in the area of Roseville in which the subject property is located. Since the subject property has remained relatively undeveloped through the present, there is a potential for T&E species to be present at the subject property.

Surface Waters

The U.S. Army Corps of Engineers (USACE) regulates jurisdictional wetlands and other waters of the U.S. under Section 10 of the Rivers and Harbors Act and Section 404 of the Clean Water Act. Terracon conducted a limited desktop review of the subject property to identify areas mapped by the resources below as potentially exhibiting characteristics of wetlands and/or other waterbodies that may be subject to regulation under the USACE. This review may not identify state/locally-designated wetlands. This desktop review is not a thorough review of wetlands and may not identify all resources present.

Terracon reviewed the following resources to identify areas mapped as indicating the potential presence of jurisdictional waters of the U.S., including wetlands, on the subject property:

- **Topographic Map**
  The United States Geologic Survey (USGS) 7.5-Minute Topographic Map of the subject property was reviewed to identify drainages or other potential waters of the U.S. within the subject property. A portion of the Topographic Quadrangle can be seen as Exhibit 1 in Appendix A and additional Topographic maps are included in Appendix C. Based on the 2021 USGS topographic map, included in Appendix C, two marsh or swamps are depicted to occur on the northern and central portions of the subject property.

- **National Wetland Inventory Map**
  National Wetland Inventory (NWI) data for the subject property was reviewed to identify potential wetland areas. NWI data for the subject property was published by the U.S. Department of the Interior's Fish and Wildlife Service and depicts possible wetland areas based on stereoscopic analysis of high-altitude aerial photographs. The review of the NWI data indicates two Freshwater Emergent Wetland areas are located in the eastern and central portion of the subject property. The NWI map data for the project area can be seen as Exhibit 3 in Appendix A.

Terracon's review of the above resources indicated two Freshwater Emergent Wetland areas on the subject property. Please note this Limited Wetland Review does not constitute a formal determination and/or delineation of a potentially jurisdictional wetland, which requires (among other procedures) a formal field investigation including hand-dug soil stations with vegetation and hydrologic indicator identification, as set forth in *1987 Corps of Engineers Wetland Delineation Manual* and further amended by the *applicable Regional Supplements to the Corps of Engineers Wetland Delineation Manual*.

To obtain a formal determination from the USACE regarding jurisdictional status, a wetland/waters of the U.S. delineation could be conducted by a wetland scientist and submitted to the USACE (or in certain geographies the participating state agency) for a jurisdictional determination. Note that the USACE is not required to respond to determination requests within a particular timeframe unless the submittal also includes a permit application.

During the subject property reconnaissance, two stormwater catch basins were observed on the eastern and central portions of the subject property. Stormwater catch basins consisted of a topographic depression, and water was observed due to the recent rains. Water discoloration, sheens, noxious odors, or evidence of hazardous materials disposal was not observed. Based on the subject property observations, the two stormwater catch basins do not represent a REC to the subject property.

Asbestos-Containing Materials

At the time of the subject property reconnaissance, the subject property was observed to be vacant land with no on-site buildings or structures. Therefore, potential asbestos-containing materials (ACM) were not observed.

Lead-Based Paint

At the time of the subject property reconnaissance, the subject property was observed to be vacant land with no on-site buildings or structures. Painted materials were not observed during the subject property reconnaissance; therefore, potential lead-based paint (LBP) materials were not observed.

Radon

The subject property is located in an area designated as Zone 2, an area where indoor radon concentrations are expected to be between 2 and 4 picoCuries of radon per liter of air (pCi/l). The USEPA has established an "action level" of 4 pCi/L for radon in residential dwellings. The USEPA has not established an action level for commercial facilities. Based on the approved scope of work, radon testing was not conducted as part of the scope of services.

Water Intrusion and Mold

At the time of the subject property reconnaissance, the subject property was observed to be vacant land with no on-site buildings or structures. Therefore, moisture intrusion concerns are not applicable.

5.5 Interviews

The following individuals were interviewed regarding the current and historical use of the subject property, as well as, current operations, practices, and any known notices of violations associated with the subject property.

Interviewees

Interviewer	Interviewee / Phone #	Title	Date / Time
Hilary Kane	Tanner Wilson / 949-509-1444	VP Development & Asset Management	March 23, 2023 / 11:55AM
Santiago Calderon Sierra	Joan Moses / 916-367-7851	Senior Property Manager	March 30, 2023 / 10:00AM

Terracon interviewed Mr. Tanner Wilson, Vice President of Development and Asset Management for Mark IV Capital Inc, employee of the owner, via email, who has been familiar with the subject property for approximately eight and a half years. Mr. Wilson stated that the subject property was acquired by M4 Foothills Land, LLC in 2021. He further stated that the subject property consists of undeveloped land and has no previous uses. Mr. Wilson indicated the subject property has been improved with transformers and transmission utility lines and two stormwater retention ponds. He was not aware of ASTs, USTs, chemical storage drums, oil/water separators (OWS),

sumps, septic tanks, wells, or petroleum or chemical pipelines currently or historically located on the subject property, nor was he aware of automotive service, x-ray development, large-scale printing, or dry-cleaning operations previously conducted on the subject property. Additionally, Mr. Wilson was not aware of pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the subject property.

Terracon also interviewed Ms. Joan Moses, Senior Property Manager for Mark IV Capital Inc., during the subject property reconnaissance, who has been familiar with the subject property for approximately ten years. Ms. Moses stated that two stormwater retention ponds and stormwater interceptors were located on the subject property. Ms. Moses was not aware of ASTs, USTs, chemical storage drums, OWSs, sumps, septic tanks, wells, or pipelines currently or historically located on the subject property, nor was she aware of automotive service, x-ray development, large-scale printing, or dry-cleaning operations previously conducted on the subject property. Additionally, Ms. Moses was not aware of pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the subject property.

5.6 Prior Report Review

Terracon requested the client and the designated site contact provide any previous environmental reports they are aware of for the subject property. Previous reports were not provided by the client or designated site contact to Terracon for review.

5.7 Adjoining Property Reconnaissance and Research

Visual observations of adjoining properties (from boundaries) are summarized below.

Adjoining Properties

Direction	Description
North	The northern adjoining properties consist of Pleasant Grove Creek followed by vacant land and former industrial waste ponds (4242 Cincinnati Avenue).
East	The eastern adjoining properties consist of vacant land followed by railroad and Industrial Avenue.
South	The southern adjoining properties consist of Consentino Center Sacramento (10015 Foothills Boulevard), Lennox Stores, Patriot Machining & Fab, Universal Plastics, Inc, KDC Construction, Homewood Door & Millwork, Mark IV Capital (1010-1040 Winding Creek Road).
West	The western adjoining properties consist of PASCO Scientific, Tarbiya Institute Roseville, PRIDE Industries, and Life Community Church (10015-10101 Foothills Boulevard).

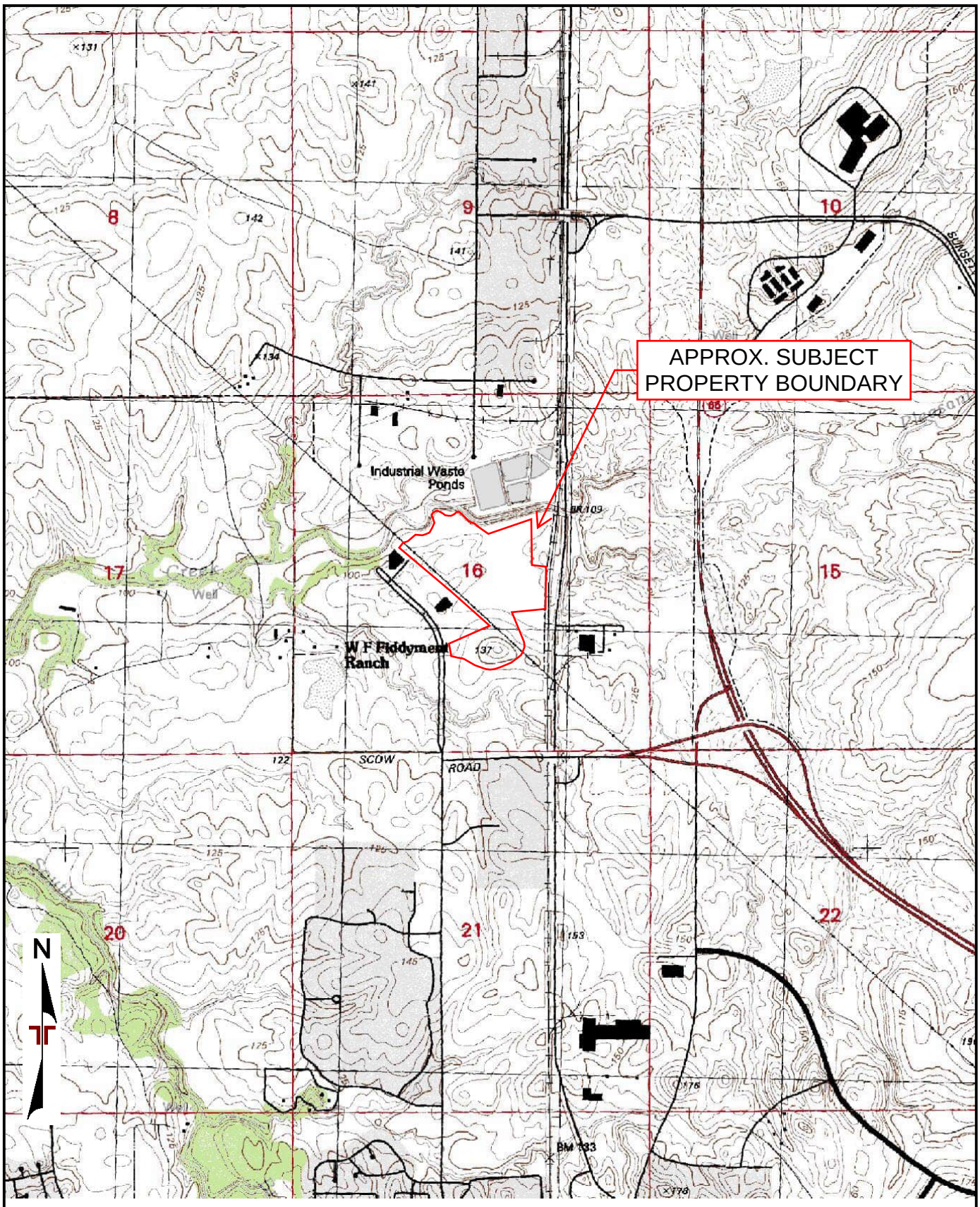
RECs were not observed with the adjoining properties.

6.0 DECLARATION

I, Sadie Bodiford, declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in Section 312.10 of 40 CFR 312; and I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the All Appropriate Inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Sadie Bodiford
Project Manager

APPENDIX A
EXHIBIT 1 – TOPOGRAPHIC MAP
EXHIBIT 2 – SITE DIAGRAM
EXHIBIT 3 – NATIONAL WETLANDS INVENTORY (NWI) MAP



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGICAL SURVEY
QUADRANGLES INCLUDE: ROSEVILLE, CA (1/1/1992).

Project Manager: HK	Project No. NB237172.5	Terracon 50 Golden Land Ct Ste 100 Sacramento, CA 95834-2425	TOPOGRAPHIC MAP **M4 PROPERTIES** 1001, 1101, 1130, 1200, 1300, 1400, 1401, 1500, 1600, 1601 WINDING CREEK ROAD ROSEVILLE, PLACER COUNTY, CALIFORNIA	Exhibit 1
Drawn by: SCS	Scale: 1"=2,000'			
Checked by: SB	File Name: TOPO			
Approved by: SB	Date: MAR 2023			

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

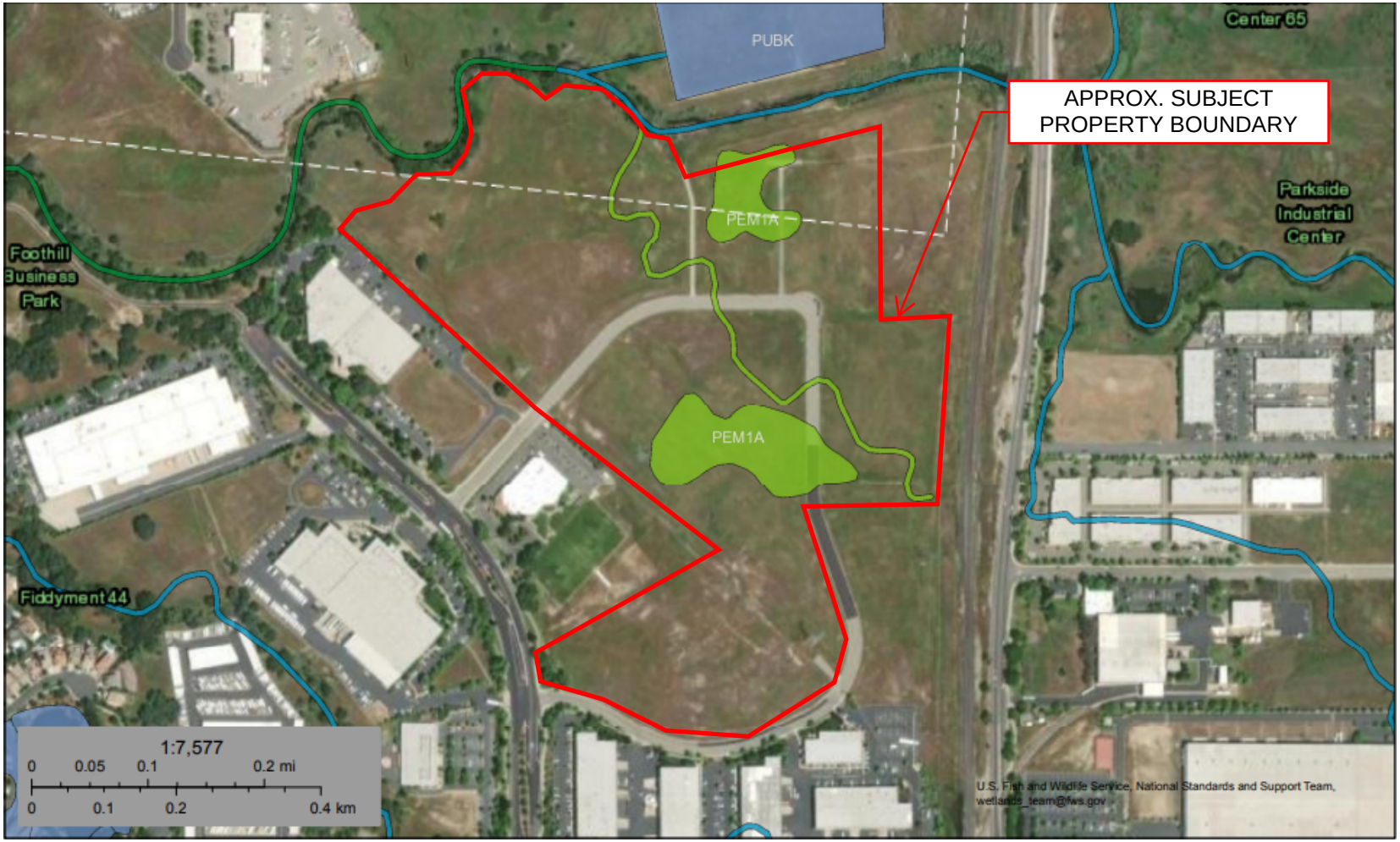
AERIAL PHOTOGRAPHY PROVIDED BY MICROSOFT BING MAPS

Project Manager: HK Drawn by: SCS Checked by: SB Approved by: SB	Project No. NB237172.5 Scale: AS SHOWN File Name: AERIAL Date: MAR 2023	Terracon 50 Golden Land Ct Ste 100 Sacramento, CA 95834-2425	SUBJECT PROPERTY DIAGRAM **M4 PROPERTIES** 1001, 1101, 1130, 1200, 1300, 1400, 1401, 1500, 1600, and 1601 WINDING CREEK ROAD ROSEVILLE, PLACER COUNTY, CALIFORNIA	Exhibit 2

U.S. Fish and Wildlife Service

National Wetlands Inventory

Estuarine and Marine Deepwater
Estuarine and Marine Wetland
Freshwater Emergent Wetland
Freshwater Forested/Shrub Wetland
Freshwater Pond
Lake
Other
Riverine



N

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wet lands Map per web site.

This image was produced by the NWI mapper.

Project Manager:	HGK
Drawn by:	SCS
Checked by:	SB
Approved by:	SB

Project No.	NB237172.5
Scale:	AS SHOWN
Date:	APRIL 2023

Terracon
50 Goldenland Court, Suite 100
Sacramento, California 95834-2425

NATIONAL WETLANDS INVENTORY MAP

M4 PROPERTIES
1001, 1101, 1130, 1200, 1300, 1400, 1401, 1500, 1600, and 1601
WINDING CREEK ROAD
ROSEVILLE, PLACER COUNTY, CALIFORNIA

Exhibit 3

APPENDIX B
PHOTOGRAPHS

Photo #1 View along the northern portion of the subject property, facing east.

Photo #2 View along the eastern portion of the subject property, facing south.

Photo #3 View along the southern portion of the subject property, facing west.

Photo #4 View along the western portion of the subject property, facing north.

Photo #5 General overview of pad-mounted transformers located on the central portion of the subject property, along Winding Creek Road.

Photo #6 View of stormwater catch basin located on the eastern portion of the subject property.

Photo #7 View of stormwater interceptors located on the central portion of the subject property.

Photo #8 View of water utility located on the southern portion of the subject property.

Photo #9 View of the northern adjoining properties, Pleasant Grove Creek followed by vacant land (4242 Cincinnati Avenue).

Photo #10 View of the eastern adjoining properties, vacant land followed by railroad and Industrial Avenue.

Photo #11 View of the southern adjoining properties, Winding Creek Road followed by multi-tenant commercial buildings (10015 Foothills Boulevards, 1010-1040 Winding Creek Road).

Photo #12 View of the commercial buildings located to the adjoining west of the subject property (10020-10101 Foothills Boulevard).

APPENDIX C
HISTORICAL DOCUMENTATION AND USER QUESTIONNAIRE

TOPOGRAPHIC MAPS

Project Property:	M4 Properties 1001-1601 Winding Creek Road Roseville CA None
Project No:	NB237172
Requested By:	Terracon
Order No:	23032200414
Date Completed:	March 22, 2023

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

We have searched USGS collections of current topographic maps and historical topographic maps for the project property. Below is a list of maps found for the project property and adjacent area. Maps are from 7.5 and 15 minute topographic map series, if available.

Year	Map Series
1910	7.5
1942	15
1953	15
1967	7.5
1975	7.5
1981	7.5
1992	7.5
2015	7.5
2018	7.5
2021	7.5

Topographic Map Symbology for the maps may be available in the following documents:
Pre-1947
Page 223 of 1918 Topographic Instructions
Page 130 of 1928 Topographic Instructions
1947-2009
Topographic Map Symbols
2009-present
US Topo Map Symbols

Topographic Maps included in this report are produced by the USGS and are to be used for research purposes including a phase I report. Maps are not to be resold as commercial property.
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TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY
QUADRANGLES INCLUDE: **Roseville, CA.** (7.5 MIN Series, 1910).

Project Manager: HK	**Project No:** NB237172.5
Drawn By: SCS	**Scale:** 1" = 2000'
Checked By: SB	**File Name:** TOPO
Approved By: SB	**Date:** 2023-03-22

Terracon
50 Goldenland Crt Suite 100
Sacramento, California 95834

TOPOGRAPHIC MAP (1910)

M4 Properties
1001-1601 Winding Creek Road
Roseville, California

Appendix
C

Project Manager: HK	**Project No:** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	TOPOGRAPHIC MAP (1942) M4 Properties 1001-1601 Winding Creek Road Roseville, California	Appendix C
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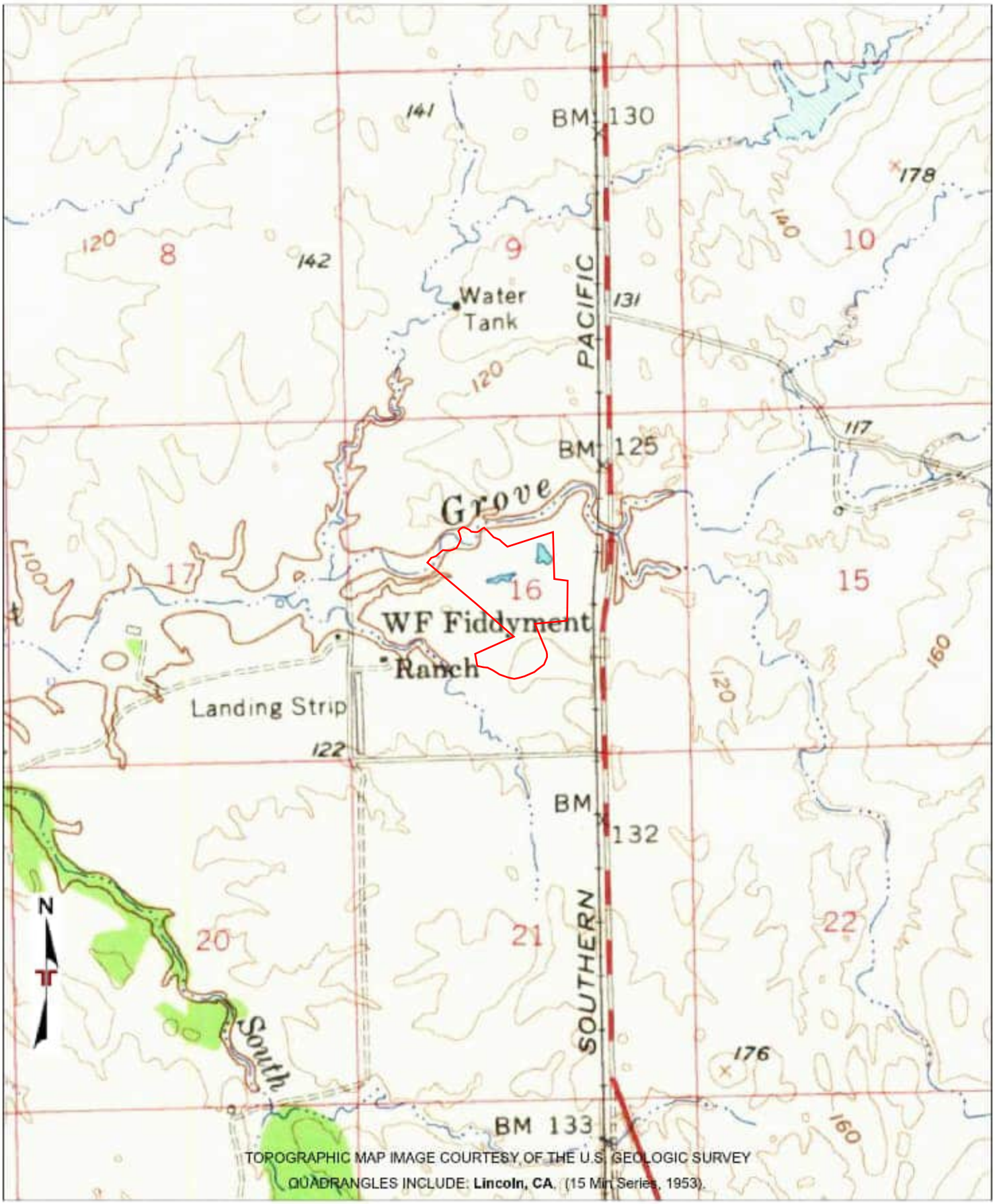
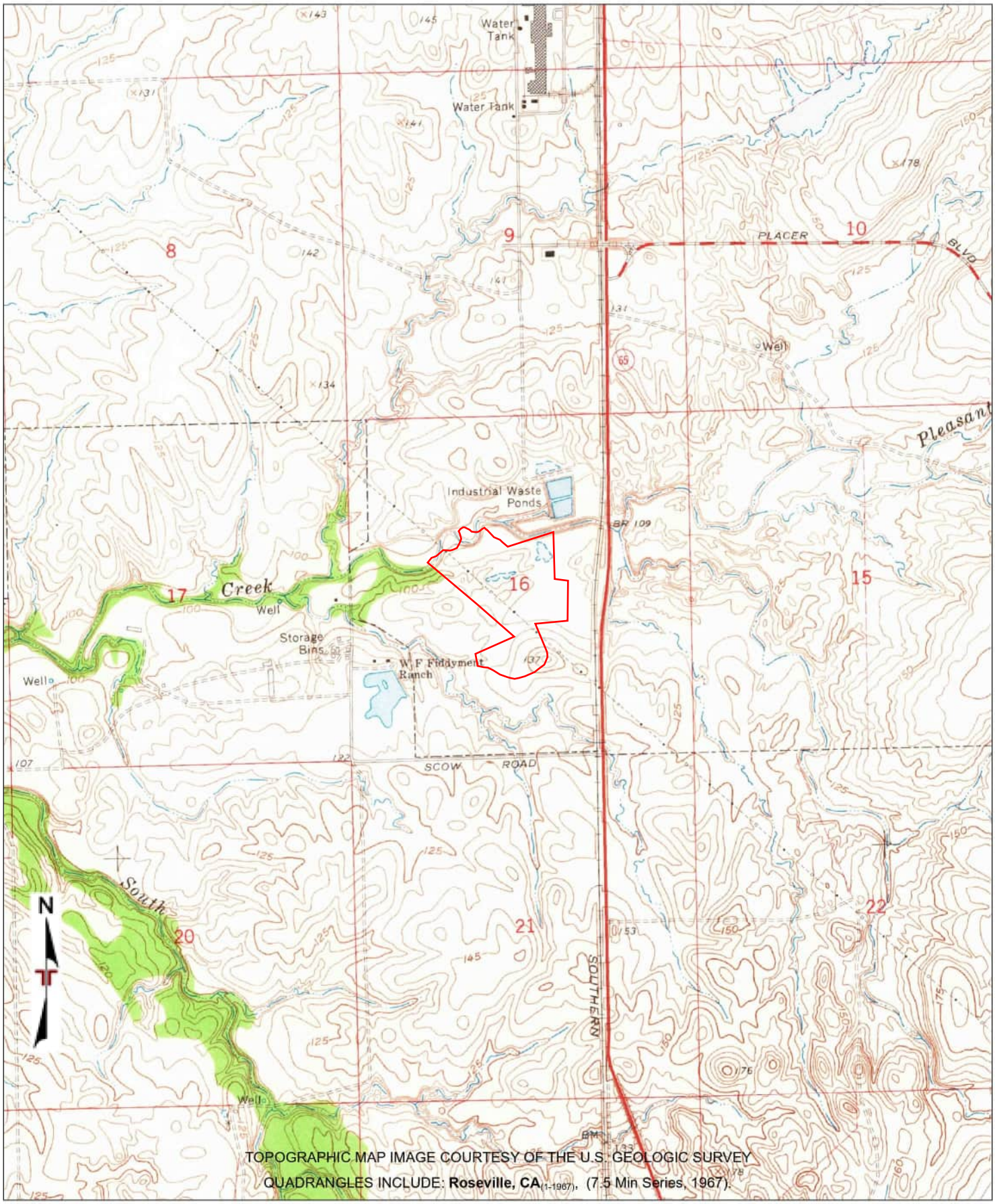
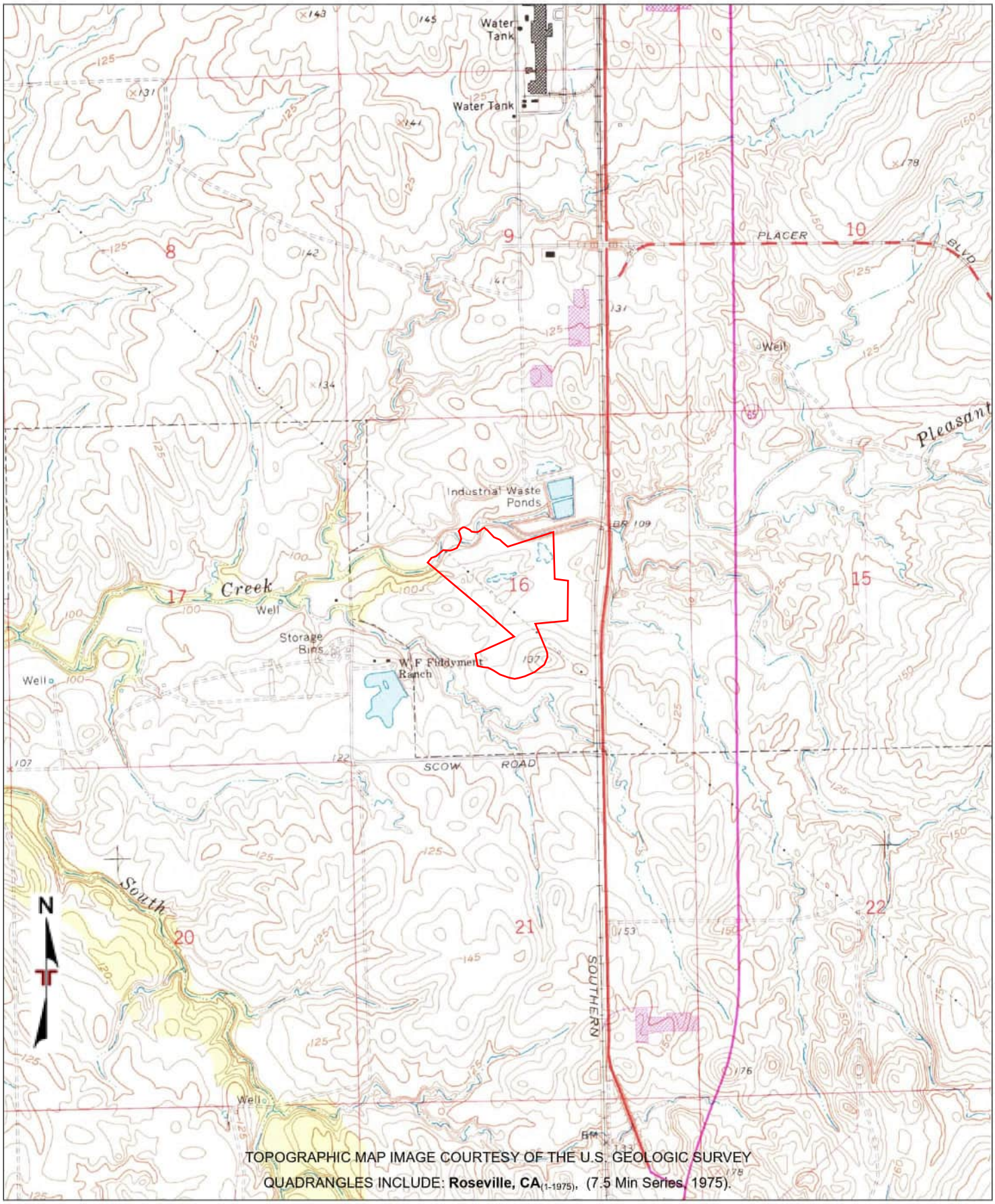
Checked By: SB	**File Name:** TOPO			
Approved By: SB	**Date:** 2023-03-22			



Project Manager: HK	**Project No:** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	TOPOGRAPHIC MAP (1953) M4 Properties 1001-1601 Winding Creek Road Roseville, California	Appendix C
Drawn By: SCS	**Scale:** 1" = 2000'			
Checked By: SB	**File Name:** TOPO			
Approved By: SB	**Date:** 2023-03-22			



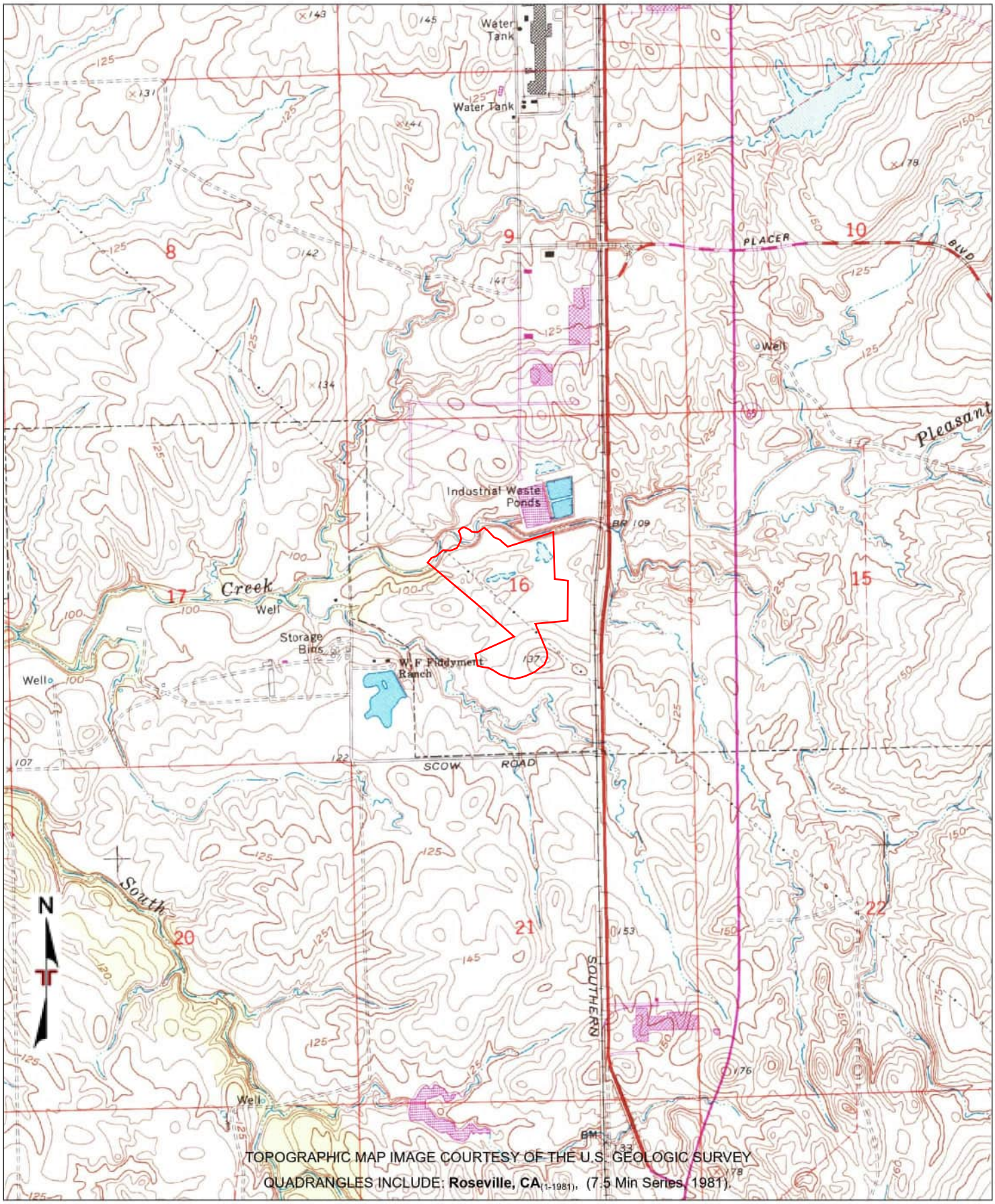
Project Manager: HK	**Project No:** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	TOPOGRAPHIC MAP (1967) M4 Properties 1001-1601 Winding Creek Road Roseville, California	Appendix C
Drawn By: SCS	**Scale:** 1" = 2000'			
Checked By: SB	**File Name:** TOPO			
Approved By: SB	**Date:** 2023-03-22			



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Roseville, CA**(1-1975), (7.5 Min Series, 1975).

Project Manager: HK	**Project No:** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	TOPOGRAPHIC MAP (1975) M4 Properties 1001-1601 Winding Creek Road Roseville, California	Appendix C
Drawn By: SCS	**Scale:** 1" = 2000'			
Checked By: SB	**File Name:** TOPO			
Approved By: SB	**Date:** 2023-03-22			



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Roseville, CA**(1-1981), (7.5 Min Series, 1981).

Project Manager: HK	**Project No:** NB237172.5
Drawn By: SCS	**Scale:** 1" = 2000'
Checked By: SB	**File Name:** TOPO
Approved By: SB	**Date:** 2023-03-22

Terracon

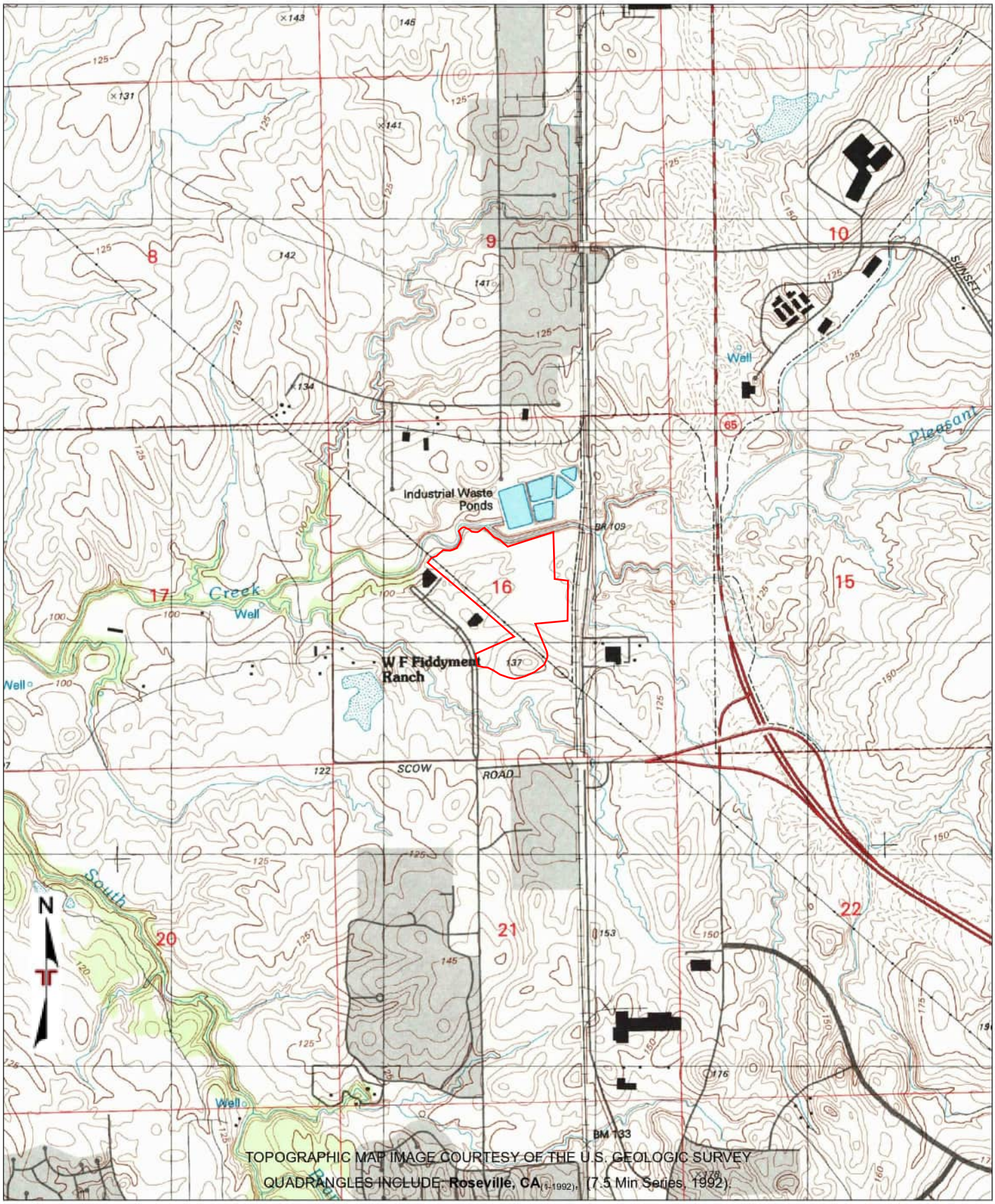
50 Goldenland Crt Suite 100
Sacramento, California 95834

TOPOGRAPHIC MAP (1981)

M4 Properties
1001-1601 Winding Creek Road
Roseville, California

Appendix

C



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Roseville, CA** (1992), (7.5 Min Series, 1992).

Project Manager: HK	**Project No:** NB237172.5
Drawn By: SCS	**Scale:** 1" = 2000'
Checked By: SB	**File Name:** TOPO
Approved By: SB	**Date:** 2023-03-22

Terracon

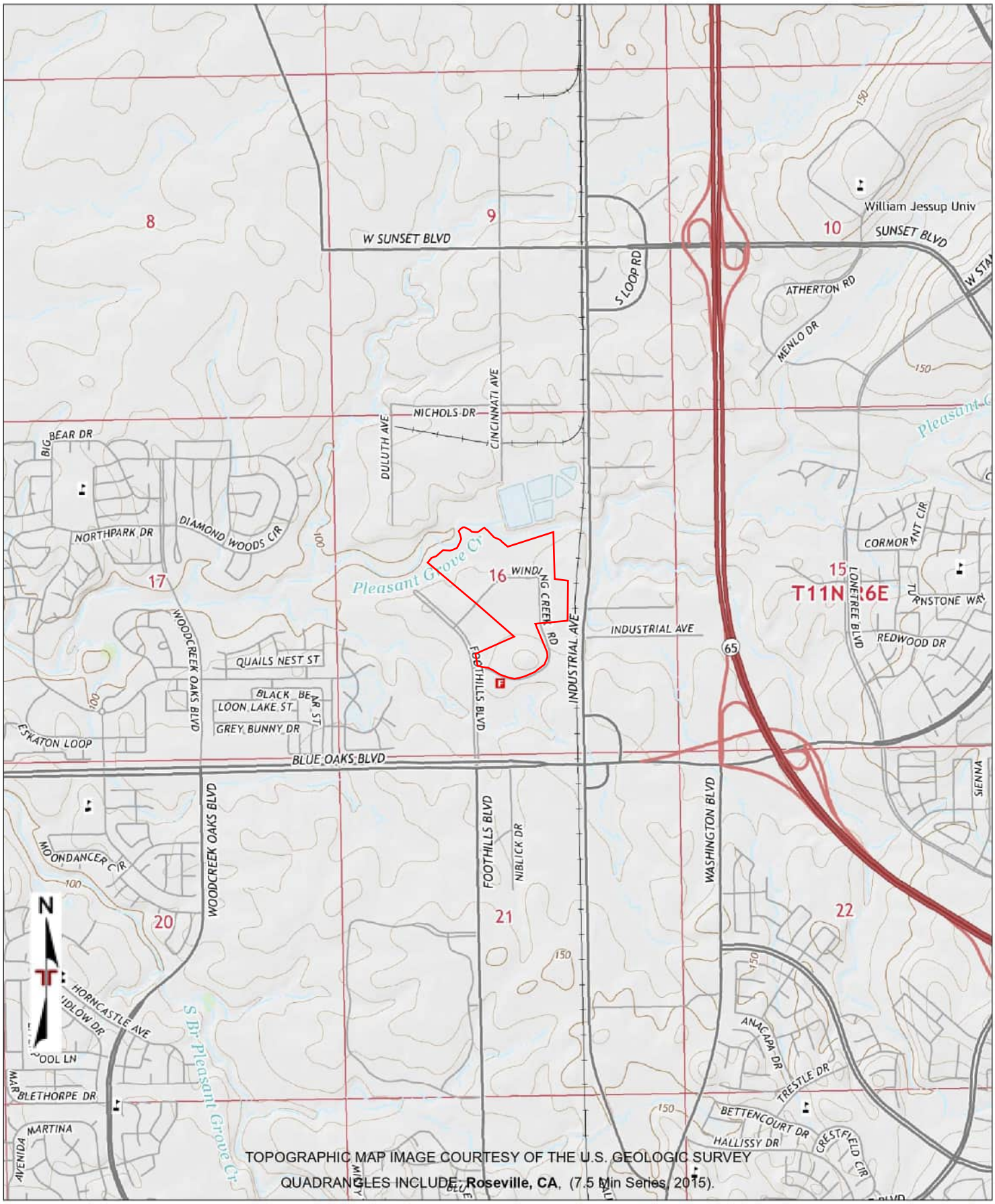
50 Goldenland Crt Suite 100
Sacramento, California 95834

TOPOGRAPHIC MAP (1992)

M4 Properties
1001-1601 Winding Creek Road
Roseville, California

Appendix

C



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Roseville, CA**, (7.5 Min Series, 2015).

Project Manager: HK	**Project No:** NB237172.5
Drawn By: SCS	**Scale:** 1" = 2000'
Checked By: SB	**File Name:** TOPO
Approved By: SB	**Date:** 2023-03-22

Terracon

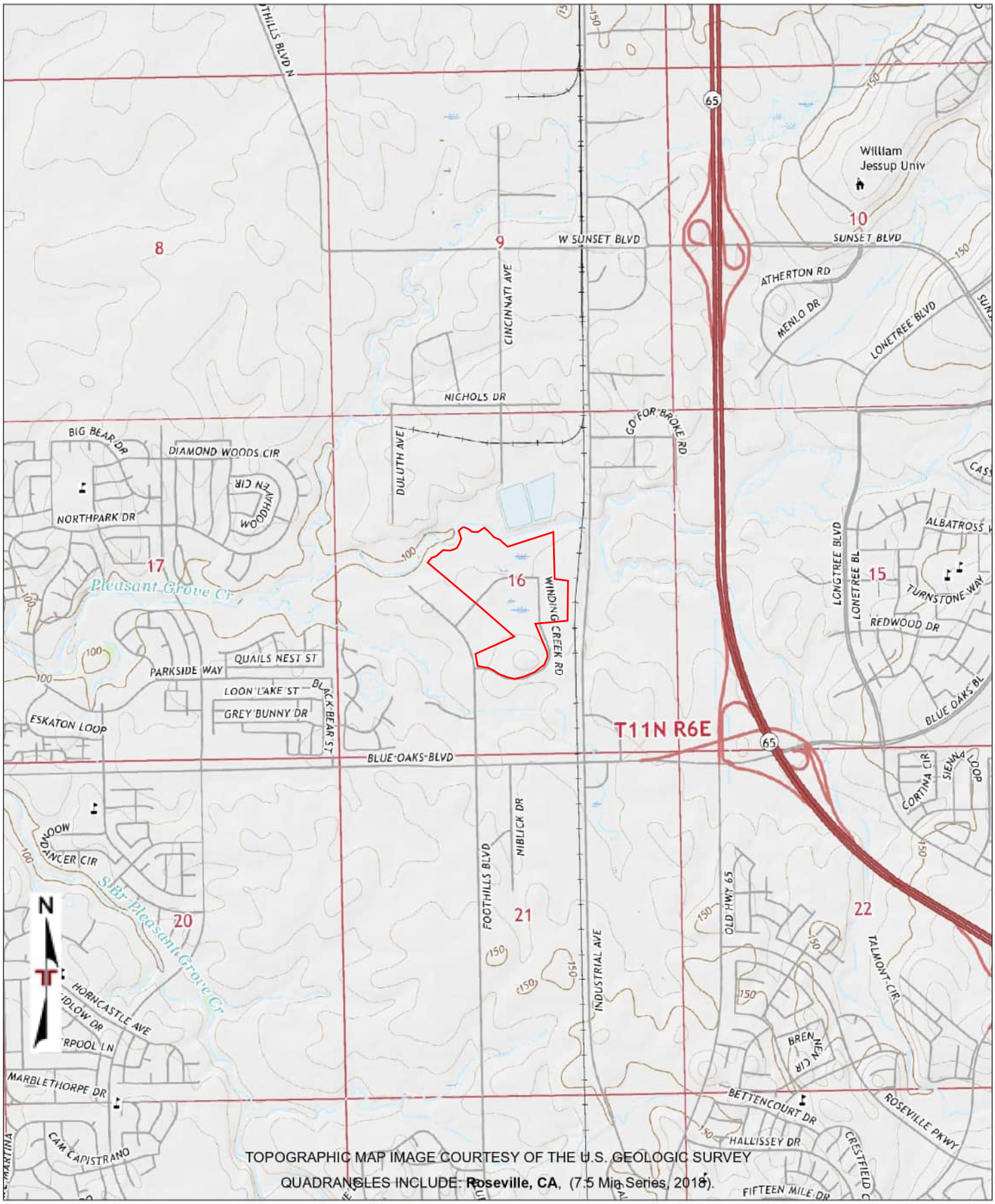
50 Goldenland Crt Suite 100
Sacramento, California 95834

TOPOGRAPHIC MAP (2015)

M4 Properties
1001-1601 Winding Creek Road
Roseville, California

Appendix

C



TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Roseville, CA**, (7.5 Min Series, 2018).

Project Manager: HK	**Project No:** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	TOPOGRAPHIC MAP (2018) M4 Properties 1001-1601 Winding Creek Road Roseville, California	Appendix C
Drawn By: SCS	**Scale:** 1" = 2000'			
Checked By: SB	**File Name:** TOPO			
Approved By: SB	**Date:** 2023-03-22			

TOPOGRAPHIC MAP IMAGE COURTESY OF THE U.S. GEOLOGIC SURVEY

QUADRANGLES INCLUDE: **Roseville, CA.** (7.5 Min Series, 2021).

Project Manager: HK	**Project No:** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	TOPOGRAPHIC MAP (2021) M4 Properties 1001-1601 Winding Creek Road Roseville, California	Appendix C
Drawn By: SCS	**Scale:** 1" = 2000'			
Checked By: SB	**File Name:** TOPO			
Approved By: SB	**Date:** 2023-03-22			

HISTORICAL AERIALS

Project Property: M4 Properties
1001-1601 Winding Creek Road
Roseville California

Project No.: NB237172

Requested By: Terracon

Order No: 23032200414

Date Completed: March 29,2023

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Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

Date	Source	Scale	Comments
1947	United States Geological Survey	1" = 500'	
1952	Agricultural Stabilization & Conserv. Service	1" = 500'	
1954	Army Mapping Service	1" = 500'	
1961	Cartwright Aerial Surveys	1" = 500'	
1966	United States Geological Survey	1" = 500'	
1975	United States Geological Survey	1" = 500'	
1981	Cartwright Aerial Surveys	1" = 500'	
1984	United States Geological Survey	1" = 500'	
1993	United States Geological Survey	1" = 500'	
1998	United States Geological Survey	1" = 500'	
2004	United States Department of Agriculture	1" = 500'	
2005	United States Department of Agriculture	1" = 500'	
2009	United States Department of Agriculture	1" = 500'	
2010	United States Department of Agriculture	1" = 500'	
2012	United States Department of Agriculture	1" = 500'	
2014	United States Department of Agriculture	1" = 500'	
2016	United States Department of Agriculture	1" = 500'	
2018	United States Department of Agriculture	1" = 500'	
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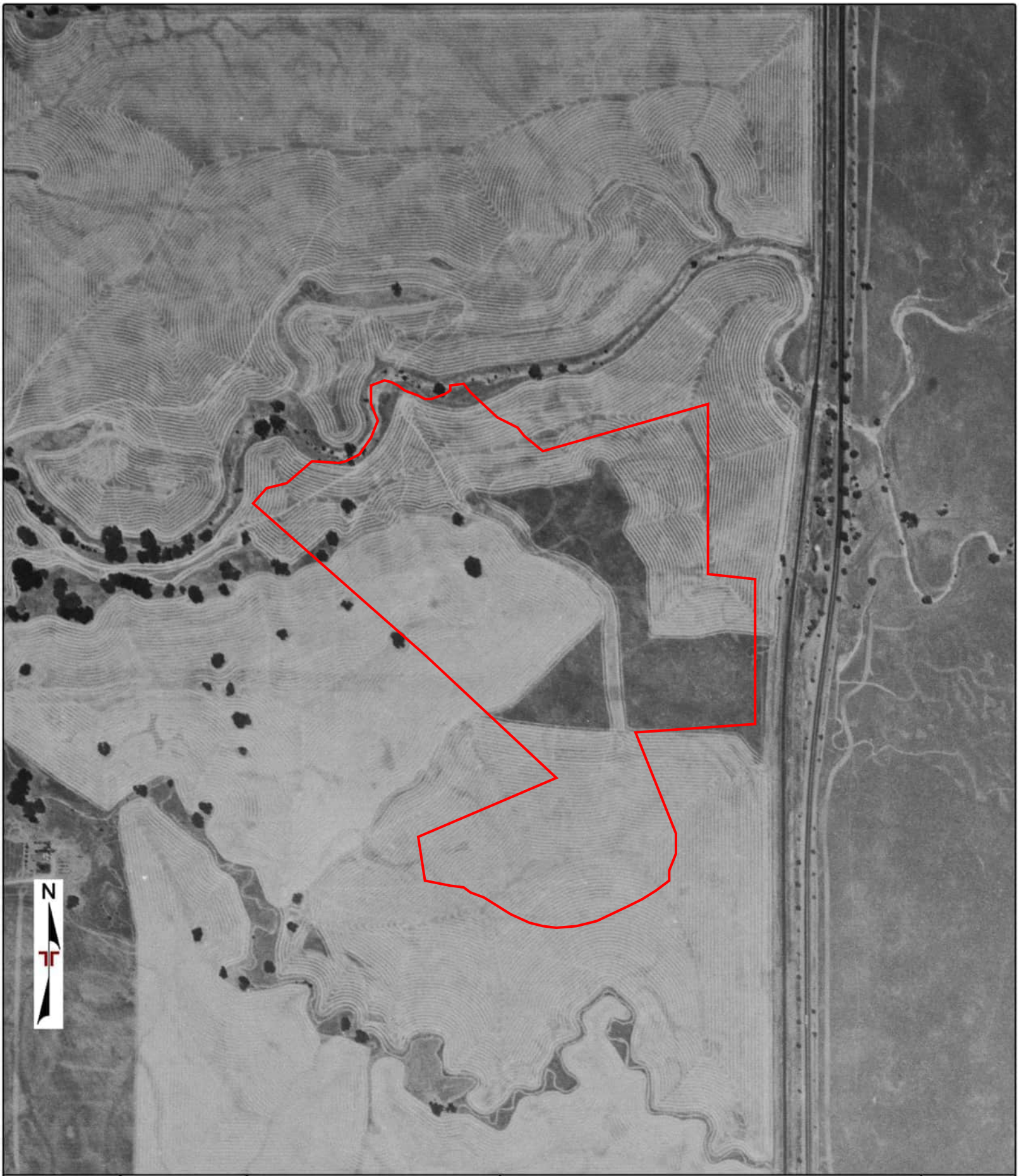
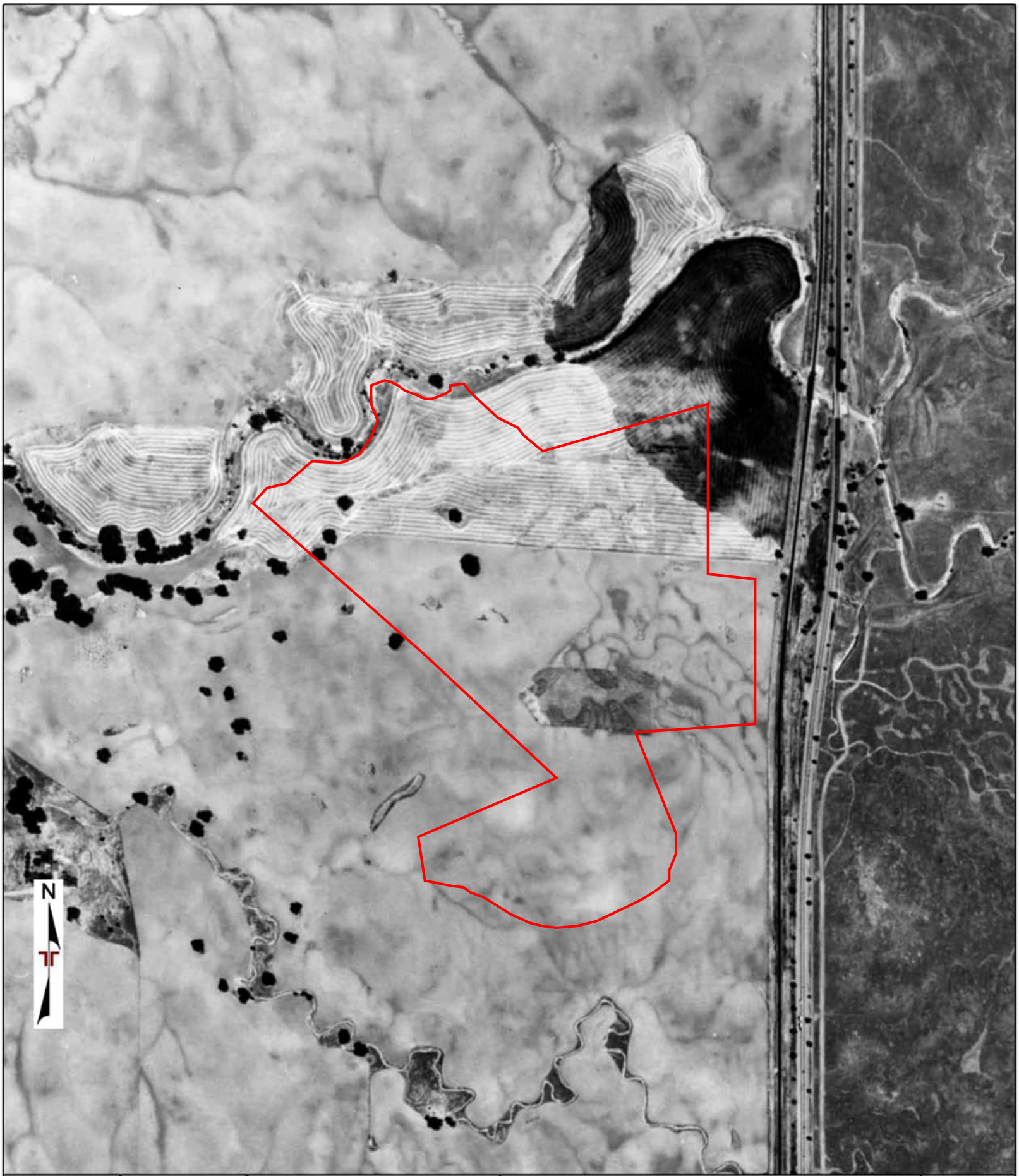
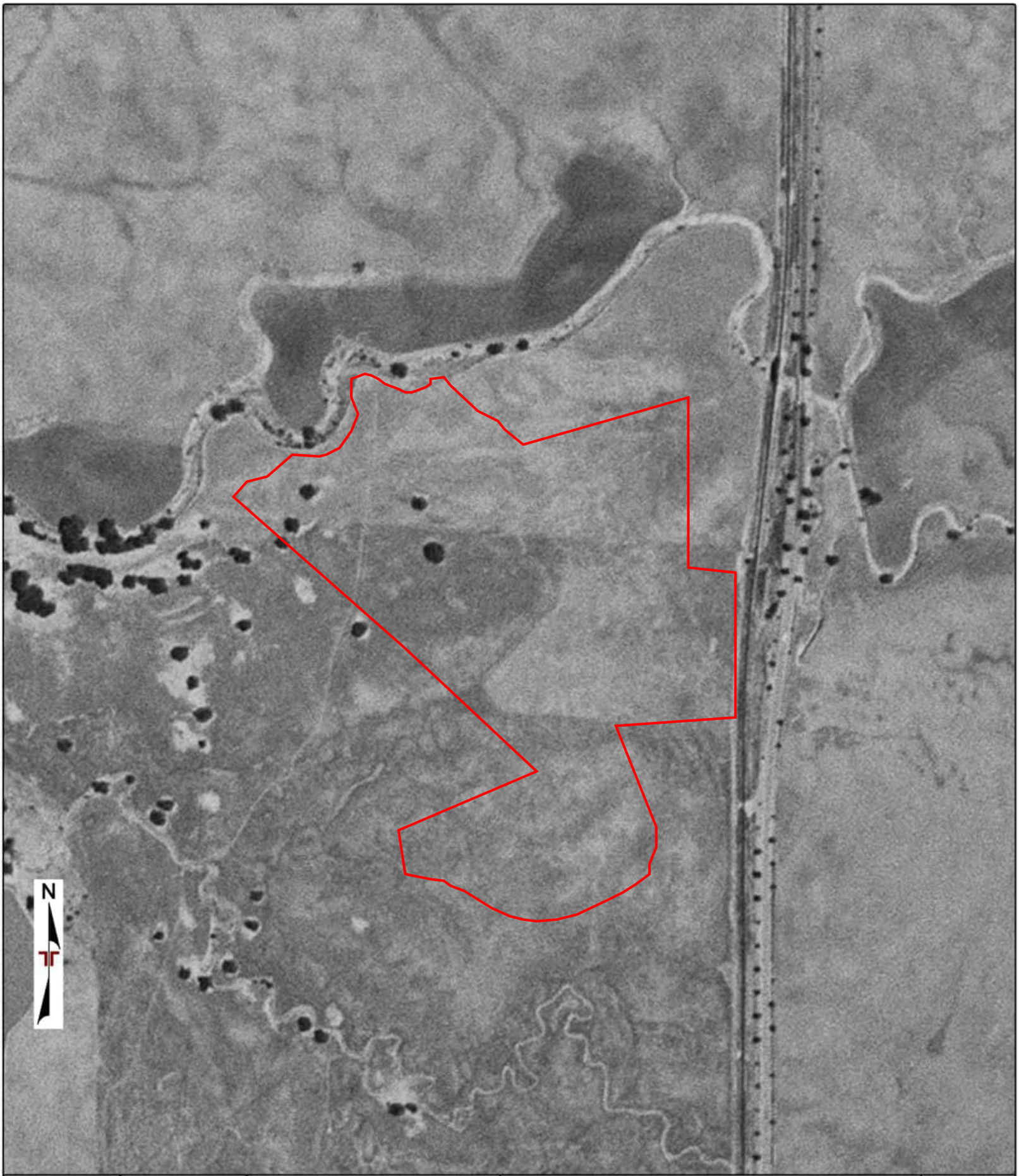
2022	MAXAR TECHNOLOGIES	1" = 500'	



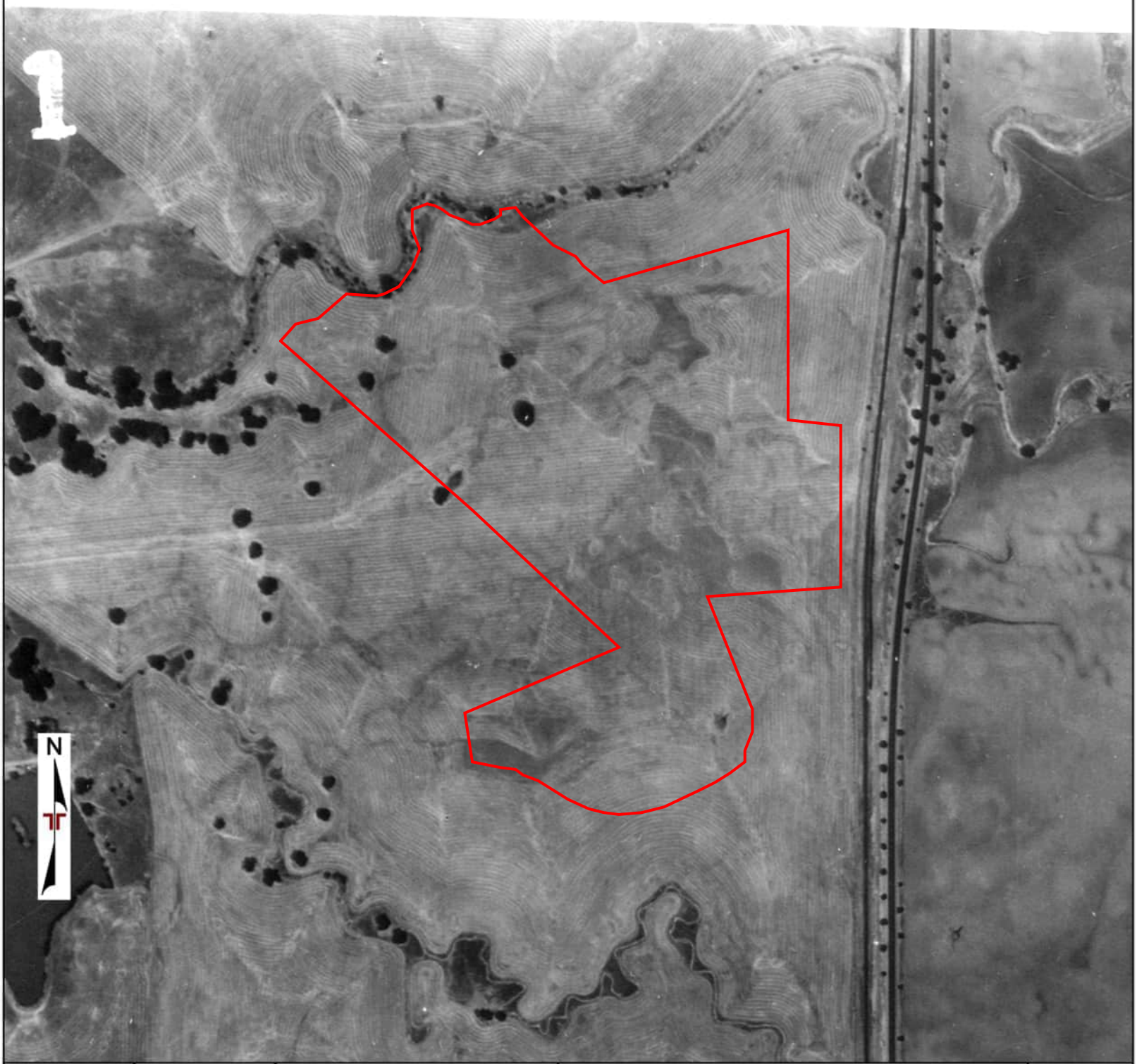
Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (1947 - USGS)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			



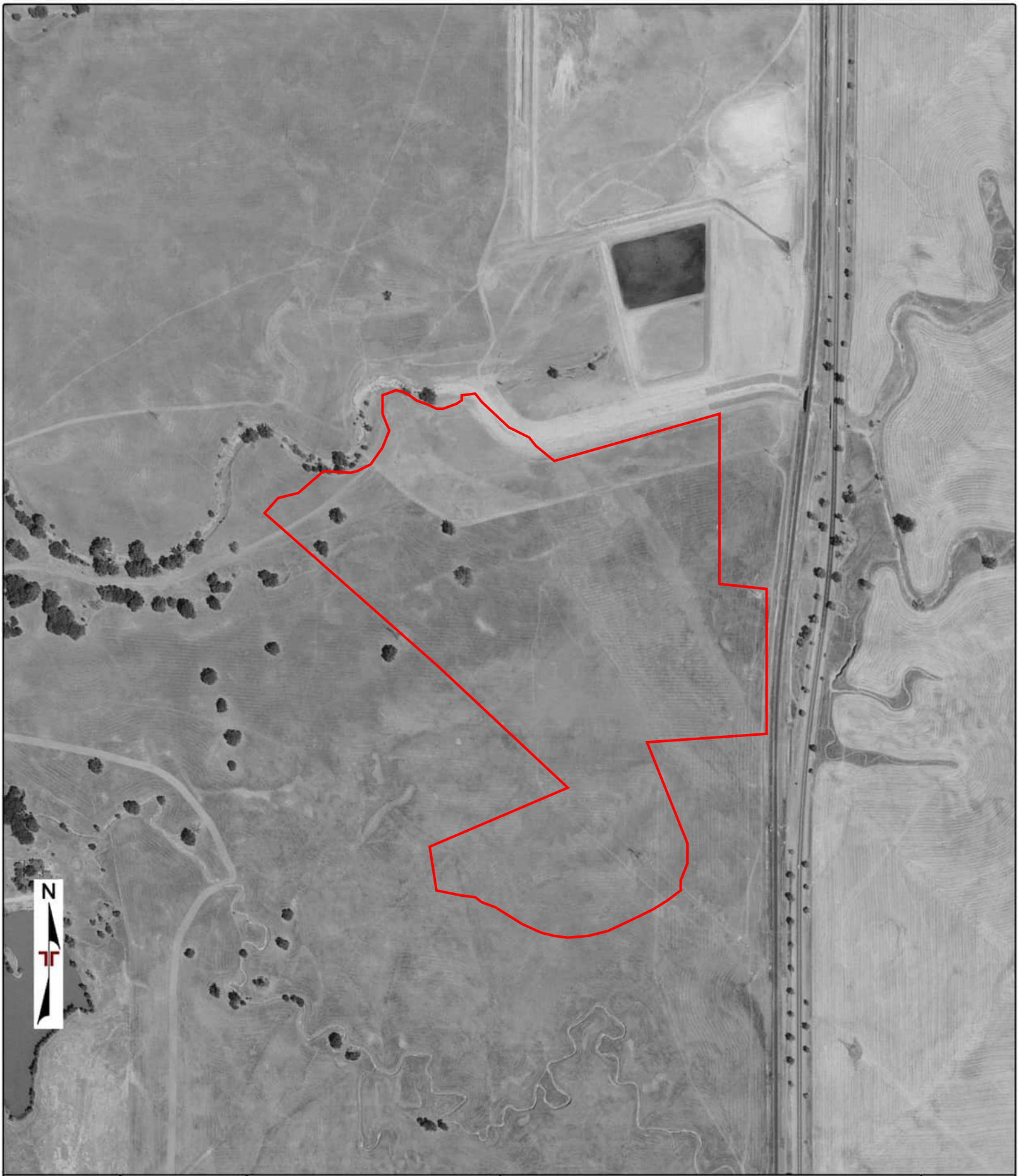
Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (1952 - ASCS)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			



Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (1954 - AMS)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			



Project Manager: HK	Project No. NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (1961 - CAS)	Appendix
Drawn by: SCS	Scale: 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	File Name: AERIALS			
Approved by: SB	Date: 2023-03-29			



Project Manager: HK	Project No. NB237172.5
Drawn by: SCS	Scale: 1" = 500'
Checked by: SB	File Name: AERIALS
Approved by: SB	Date: 2023-03-29

Terracon

50 Goldenland Crt Suite 100
Sacramento, California 95834

AERIAL PHOTO (1966 - USGS)

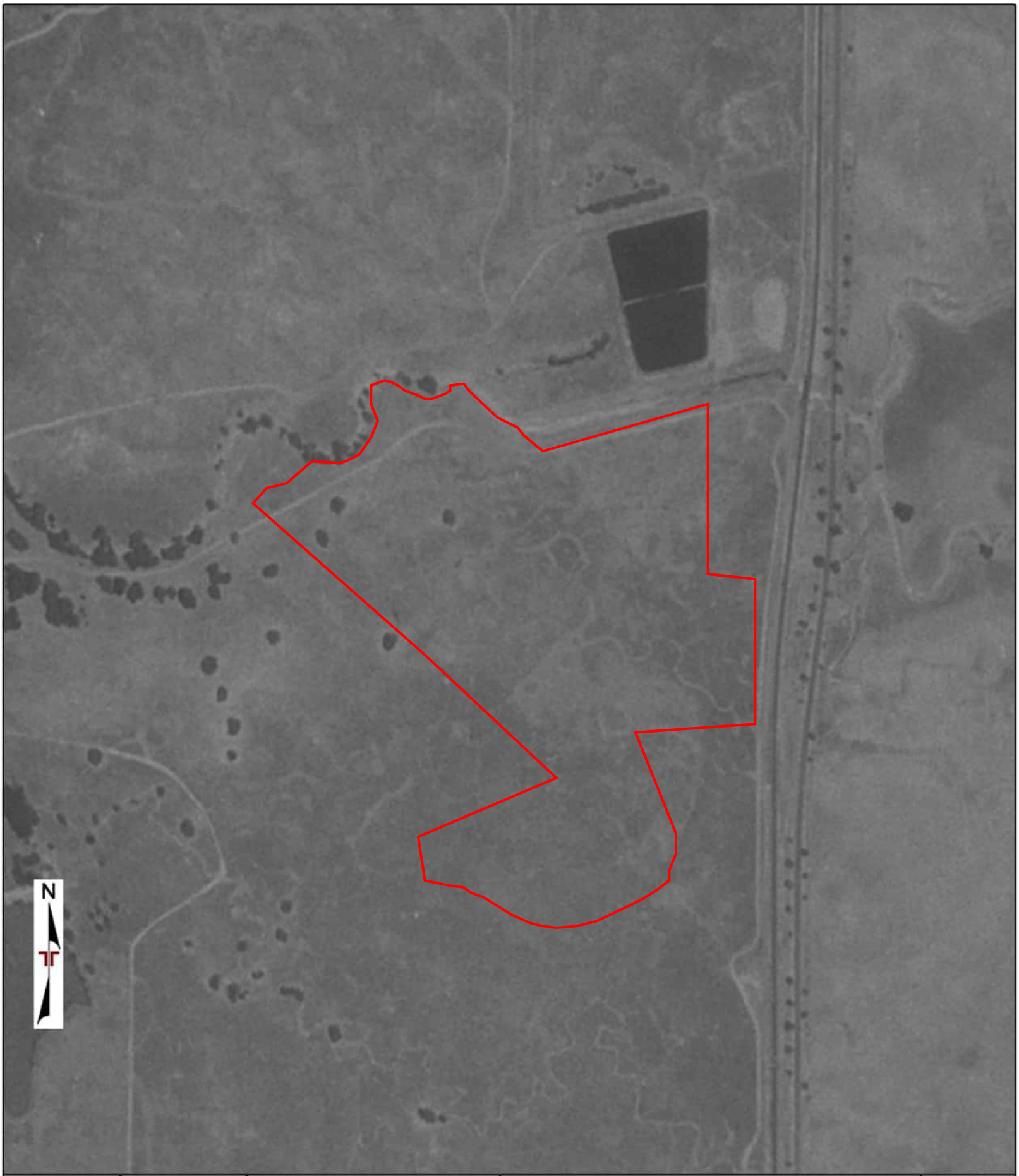
M4 Properties

1001-1601 Winding Creek Road

Roseville, California

Appendix

C

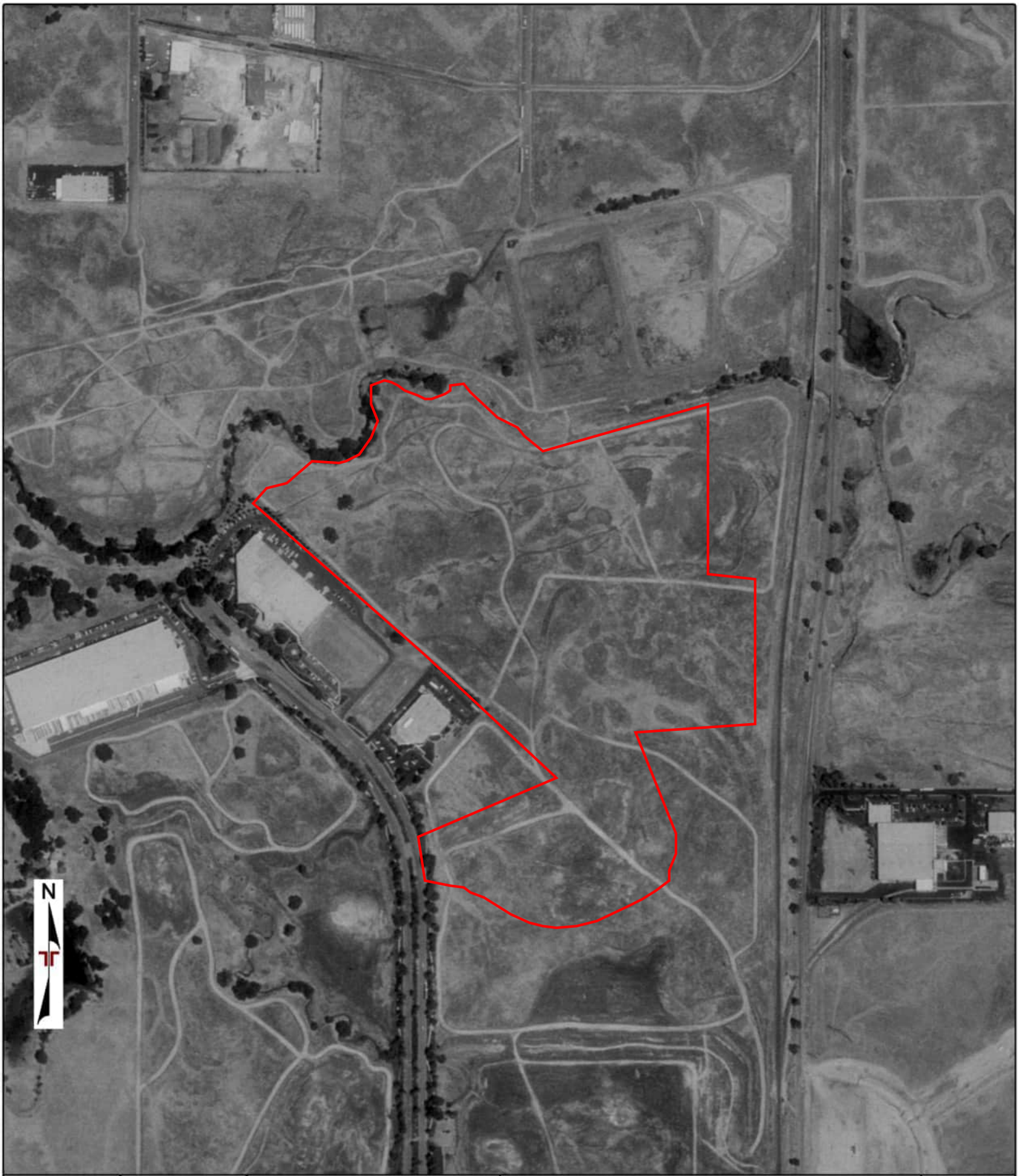


Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (1975 - USGS)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (1981 - CAS) M4 Properties 1001-1601 Winding Creek Road Roseville, California	Appendix C
Drawn by: SCS	**Scale:** 1" = 500'			
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (1984 - USGS)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (1993 - USGS)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			



Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (1998 - USGS)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (2004 - USDA)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (2005 - USDA)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (2009 - USDA)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (2010 - USDA)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (2012 - USDA)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (2014 - USDA)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (2016 - USDA)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (2018 - USDA)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (2020 - USDA)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

Project Manager: HK	**Project No.** NB237172.5	Terracon 50 Goldenland Crt Suite 100 Sacramento, California 95834	AERIAL PHOTO (2022 - MAXAR)	Appendix
Drawn by: SCS	**Scale:** 1" = 500'		M4 Properties 1001-1601 Winding Creek Road Roseville, California	C
Checked by: SB	**File Name:** AERIALS			
Approved by: SB	**Date:** 2023-03-29			

ERIS

CITY DIRECTORY

Project Property:	*M4 Properties* *1001-1601 Winding Creek Road* *Roseville,CA*
Project No:	*NB237172*
Requested By:	*Terracon*
Order No:	*23032200414*
Date Completed:	*April 04, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

April 04, 2023
RE: CITY DIRECTORY RESEARCH
1001-1601 Winding Creek Road
Roseville,CA

Thank you for contacting ERIS for an City Directory Search for the site described above. Our staff has conducted a reverse listing City Directory search to determine prior occupants of the subject site and adjacent properties. We have provided the nearest addresses(s) when adjacent addresses are not listed. If we have searched a range of addresses, all addresses in that range found in the Directory are included.

Note: Reverse Listing Directories generally are focused on more highly developed areas. Newly developed areas may be covered in the more recent years, but the older directories will tend to cover only the "central" parts of the city. To complete the search, we have either utilized the ACPL, Library of Congress, State Archives, and/or a regional library or history center as well as multiple digitized directories. These do not claim to be a complete collection of all reverse listing city directories produced.

ERIS has made every effort to provide accurate and complete information but shall not be held liable for missing, incomplete or inaccurate information. To complete this search we used the general range(s) below to search for relevant findings. If you believe there are additional addresses or streets that require searching please contact us at 866-517-5204.

Search Criteria:
4000-End of Cincinnati Ave
8000-15000 of Foothills Boulevard
800-1800 of Winding Creek Road
Search Notes:
Coverage is also listed in Rocklin, CA.

Search Results Summary

Date	Source	Comment
2022	DIGITAL BUSINESS DIRECTORY	
2020	DIGITAL BUSINESS DIRECTORY	
2016	DIGITAL BUSINESS DIRECTORY	
2012	DIGITAL BUSINESS DIRECTORY	
2008	DIGITAL BUSINESS DIRECTORY	
2003	DIGITAL BUSINESS DIRECTORY	
2000	HAINES	
1995	HAINES	
1990	HAINES	
1985	HAINES	
1980	HAINES	
1976	HAINES	
1973	POLKS	
1970	HAINES	
1969	POLKS	
1964	POLKS	
1960	POLKS	

4025 **ARROW FENCE**...*BLACKSMITHS*
4025 **ARROW FENCE**...*ORNAMENTAL METAL WORK (MFRS)*
4025 **ARROW FENCE**...*FENCEMANUFACTURERS*
4025 **ARROW FENCE**...*FENCE CONTRACTORS*
4056 **RUTAN ENVIRONMENTAL SVC**...*ENVIRONMENTAL & ECOLOGICAL SERVICES*
4062 **GILCHRIST GOLF CARS**...*GOLF CARS & CARTS*
4062 **TROFHOLZ TECHNOLOGIES**...*INFORMATION TECHNOLOGY SERVICES*
4062 **VIKING SERVICES**...*SERVICES NEC*
4068 **PROPS TREE LANDSCAPE INC**...*LANDSCAPE DESIGNERS*
4074 **SIERRA SOAPSTONE**...*NONCLASSIFIED ESTABLISHMENTS*
4074 **SIERRA SOAPSTONE**...*COUNTER TOPS*
4086 **ADAMSON AUTOMOTIVE**...*AUTOMOBILE REPAIR/SVC-EQUIP & SUPLS-MFRS*
4092 **ROBBS COMMERCIAL POOL SVC**...*SWIMMING POOL-SERVICE*
4092 **ROBBS COMMERCIAL POOL SVC**...*SWIMMING POOL REPAIR & SERVICE*
4092 **SUMMIT COMM INC**...*COMMUNICATIONS*
4092 **TSMI**...*NONCLASSIFIED ESTABLISHMENTS*
4098 **BACK YARD DREAM**...*FENCE (WHLS)*
4098 **IVY SCREEN INC**...*LANDSCAPE DESIGNERS*
4175 **CALIFORNIA EQUIPMENT**...*NONCLASSIFIED ESTABLISHMENTS*
4175 **CAMBLIN STEEL SVC INC**...*FABRICATED STRUCTURAL METAL MANUFACTURING*
4205 **BROS HOME IMPROVEMENT**...*HOME IMPROVEMENTS*
4205 **BROTHERS HOME IMPROVEMENT CO**...*HOME IMPROVEMENTS*
36050 **CHICO CREEK NURSERY**...*NURSERIES-PLANTS TREES & ETC-WHOLESALE*
36050 **CHICO CREEK NURSERY**...*FEDERAL GOVERNMENT CONTRACTORS*

119 total records. Part 1 of 2

8000 **CAPTURE TECHNOLOGIES**...*NONCLASSIFIED ESTABLISHMENTS*
8000 **CMA PLANNERS**...*NONCLASSIFIED ESTABLISHMENTS*
8000 **FIRST TECH FEDERAL CU**...*BANKS*
8000 **H P EMPLOYEES FED CREDIT UNION**...*CREDIT UNIONS*
8000 **HEWLETT PACKARD**...*COMPUTERS-ELECTRONIC-MANUFACTURERS*
8000 **HEWLETT PACKARD**...*COMPUTER & EQUIPMENT DEALERS*
8000 **HP SOLAR**...*SOLAR ENERGY EQUIPMENT-WHOLESALE*
8000 **SIGMA MANUFACTURING**...*MANUFACTURERS*
8001 **MESA3 INC**...*ENGINEERS-ENVIRONMENTAL*
8601 **ROSEVILLE SELF STORAGE**...*STORAGE-HOUSEHOLD & COMMERCIAL*
9000 **COKEVA**...*NONCLASSIFIED ESTABLISHMENTS*
9000 **QUEST MEDIA SUPPLIES INC**...*FEDERAL GOVERNMENT CONTRACTORS*
9000 **RANDSTAD USA**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
9000 **SYNECTIC TOWNE COMMUNICATIONS**...*TELECOMMUNICATIONS SERVICES*
9000 **SYNECTIC TOWNE COMMUNICATIONS**...*ELECTRIC CONTRACTORS*
9000 **TOWNE COMMUNICATIONS INC**...*COMMUNICATIONS*
9000 **TOWNE COMMUNICATIONS INC**...*TELEPHONE EQUIPMENT & SUPPLIES*
9001 **ALLIANCE FINANCIAL**...*REAL ESTATE*
9001 **CAPITOL INVESTMENTS**...*REAL ESTATE LOANS*
9001 **CAPITOL LENDING INVSTMNT GROUP**...*REAL ESTATE*
9001 **DOUCET & ASSOC INC**...*SEPTIC TANKS*
9001 **DOUCET & ASSOC INC**...*ENGINEERS-CIVIL*
9001 **EAGLE ROOFING PRODUCTS**...*ROOFING MATERIALS*
9001 **LTC CONSULTING ASSOC**...*HOSPITAL CONSULTANTS*
9001 **LTC CONSULTING ASSOC**...*COMPUTER SOFTWARE APPLICATION SVC PRVDRS*
9001 **NETVAD**...*CELLULAR TELEPHONES (SERVICES)*
9001 **NETVAD**...*COMPUTERS-NETWORKING*
9001 **ROSEVILLE JOURNEY NAZARENE CHR**...*RELIGIOUS ORGANIZATIONS*
9001 **SURVEYORS GROUP INC**...*SEPTIC TANKS*
9001 **SURVEYORS GROUP INC**...*ENGINEERS-CIVIL*
9001 **TAX OFFICE INC**...*TAX CONSULTANTS*
9001 **TAX OFFICE INC**...*TAX RETURN PREPARATION & FILING*
9001 **TECH EVENTS INC**...*EVENTS-SPECIAL*
9063 **M E SYSTEMS ENGINEERING**...*ENERGY MANAGEMENT SYSTEMS & PRODUCTS*
9063 **M E SYSTEMS ENGINEERING**...*FIRE PROTECTION CONSULTANTS*
9063 **M E SYSTEMS ENGINEERING**...*ENGINEERS-MECHANICAL*
9063 **M E SYSTEMS ENGINEERING**...*ENERGY CONSERVATION & MGMT CONSULTANTS*
9063 **MATTCO FINANCIAL SVC**...*FINANCIAL ADVISORY SERVICES*
9063 **MEISNER, CRAIG**...*MARRIAGE & FAMILY COUNSELORS*
9063 **PRO ACTIVE PEST CONTROL**...*PEST CONTROL*
9063 **SPANDOW ASSOC**...*INFORMATION PROVIDER SERVICES-DIAL IT*
9067 **CHARIS DAY SPA**...*FITNESS & RECREATIONAL SPORTS CENTERS*
9067 **MUEHE HAYWARD, JANET LEE**...*SOCIAL WORKERS*
9067 **SMITH, LINDA K**...*SOCIAL WORKERS-CLINICAL*
9071 **ALLSTATE INSURANCE AGENCY**...*INSURANCE*
9071 **ALLSTATE INSURANCE CO KATHLEEN**...*INSURANCE*
9071 **DIVERSE NETWORK ASSOC**...*UNCLASSIFIED ESTABLISHMENTS*
9071 **PENCOM**...*MACHINE SHOP SUPPLIES (WHLS)*
9071 **PENCOM**...*RECYCLING CENTERS (WHLS)*
9071 **PENINSULA**...*NONCLASSIFIED ESTABLISHMENTS*
9071 **ROCK CREEK CHURCH**...*CHURCHES*
9071 **SWEET JEAN PHOTOGRAPHY**...*PHOTOGRAPHERS-PORTRAIT*
9075 **INFIDELITY COUNSELING CTR**...*MARRIAGE & FAMILY COUNSELORS*
9075 **RENEW ME LLC**...*WEIGHT CONTROL SERVICES*
9075 **ROSEVILLE AESTHETICS CTR**...*NONCLASSIFIED ESTABLISHMENTS*
9077 **CHARIS DAY SPA**...*PHYSICAL THERAPISTS*
9077 **GRANITE'S FAMOUS CHEESESTEAKS**...*RESTAURANTS*
9077 **MIDAS**...*AUTOMOBILE REPAIRING & SERVICE*
9077 **MIDAS AUTO SVC EXPERTS**...*FUELRETAIL*
9077 **MIDAS AUTO SVC EXPERTS**...*GAS COMPANIES*
9077 **MIDAS AUTO SVC EXPERTS**...*AUTOMOBILE REPAIRING & SERVICE*
9077 **MIDAS AUTO SVC EXPERTS**...*BRAKE SERVICE*
9077 **SMOG IN**...*AUTOMOBILE SMOG CONTROL INSPECTIONS*
9081 **ANCHOR FINANCIAL**...*LOANS*
9081 **KARIS TAKIYA**...*RESIDENTIAL*
9081 **LEGEND MARTIAL ARTS**...*SPORTS & RECREATION INSTRUCTION*

Part 2 of 2

9083 **ARROW REALTY**...*REAL ESTATE INSPECTION*
9083 **EPIC ENERGY**...*ROOFING CONTRACTORS*
9083 **JACOBSON JAMES ASSOC**...*RESEARCH & DEVELOPMENT IN BIOTECHNOLOGY*
9083 **MOTHER LODE HOLDING CO**...*CREDIT UNIONS*
9083 **MOTHER LODE HOLDING CO**...*TITLE COMPANIES*
9083 **REVENUE SOLUTIONS INC**...*NONCLASSIFIED ESTABLISHMENTS*
9085 **COOL TOUCH INC**...*PHYSICIANS & SURGEONS EQUIP & SUPLS-MFRS*
9085 **COOL TOUCH INC**...*PHYSICIANS & SURGEONS EQUIP & SUPLSWHLS*
9085 **COOL TOUCH INC**...*LASERS (WHLS)*
9085 **COOL TOUCH INC**...*FEDERAL GOVERNMENT CONTRACTORS*
9085 **PLACER TITLE CO**...*TITLE COMPANIES*
9087 **FLIP 2 IT SPORT CTR**...*NONCLASSIFIED ESTABLISHMENTS*
9087 **METRO CALVARY**...*MINISTRIES-OUT REACH*
9087 **NATIONAL CLOSING SOLUTIONS**...*REAL ESTATE SETTLEMENT SVC*
9087 **NATIONAL CLOSING SOLUTIONS**...*SERVICES NEC*
9089 **MELISSA WEISS ARROW REALTY**...*REAL ESTATE*
9089 **RESTORATION CHURCH**...*MISSIONS*
9089 **RESTORATION CHURCH**...*CHURCHES*
9100 **Q I P ROSEVILLE**...*REAL ESTATE MANAGEMENT*
9151 **AMPM**...*CONVENIENCE STORES*
10002 **AMERICAN DREAM WHLS BROKERS**...*LOANS*
10002 **EXPRESS EMPLOYMENT**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
10002 **EXPRESS EMPLOYMENT**...*EMPLOYMENT CONTRACTORS-TEMPORARY HELP*
10002 **FARMERS INSURANCE**...*INSURANCE*
10012 **DUNN HOLDINGS LLC**...*HOLDING COMPANIES (NON-BANK)*
10012 **DUNN, MARC DDS**...*DENTISTS*
10015 **C C NORTH AMERICA**...*CONSULTANT BROKERS*
10015 **C C NORTH AMERICA**...*UNCLASSIFIED ESTABLISHMENTS*
10015 **FITNESS MD**...*HEALTH CLUBS STUDIOS & GYMNASIUMS*
10015 **FITNESS MD**...*GYMNASIUMS*
10016 **ASSOCIATED TAX PLANNERS**...*FINANCING*
10016 **ASSOCIATED TAX PLANNERS**...*TAX CONSULTANTS*
10016 **ELITE PAYROLL EXPERTS**...*PAYROLL PREPARATION SERVICE*
10016 **GRANITE CREEK REALTY**...*OFFICES OF REAL ESTATE AGENTS & BROKERS*
10016 **MCLAUGHLIN COFFINBERRY LLP**...*NONCLASSIFIED ESTABLISHMENTS*
10016 **MOBILE KANGAROO**...*NONCLASSIFIED ESTABLISHMENTS*
10016 **SEATS & STATIONS**...*FURNITURE ACCESSORIES & DECORWHOLESALE*
10016 **SEATS & STATIONS**...*FURNITURE-DEALERS-RETAIL*
10020 **BAYSIDE OF WEST ROSEVILLE CHR**...*MISSIONS*
10020 **BAYSIDE OF WEST ROSEVILLE CHR**...*CHURCHES*
10030 **CROSSROADS DIVERSIFIED SVC**...*DISABLED & HANDICAPPED EMPLOYMENT SVC*
10030 **CROSSROADS FACILITY SVC**...*JANITOR SERVICE*
10030 **CROSSROADS FACILITY SVC**...*NON-PROFIT ORGANIZATIONS*
10030 **PRIDE INDUSTRIES**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
10030 **PRIDE INDUSTRIES**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
10030 **PRIDE INDUSTRIES**...*FEDERAL GOVERNMENT CONTRACTORS*
10030 **PRIDE INDUSTRIES**...*EMPLOYMENT CONTRACTORSTEMPORARY HELP*
10050 **SIGMA MFG LOGISTICS**...*MANUFACTURERS*
10101 **PASCO SCIENTIFIC**...*SCIENTIFIC APPARATUS & INSTRUMENTSMFRS*
10101 **PASCO SCIENTIFIC**...*COMPUTER SOFTWAREMANUFACTURERS*
10101 **PASCO SCIENTIFIC**...*LABORATORY ANALYTICAL INSTRUMENTS (MFRS)*
10101 **PASCO SCIENTIFIC**...*SCIENTIFIC APPARATUS & INSTRUMENTS-WHLS*

1010 **CISTOR LLC**...*NONCLASSIFIED ESTABLISHMENTS*
1010 **LENNOX PARTS PLUS**...*AIR CONDITIONING & HEATING-SERVICE/RPR*
1010 **SOLAR UNITED NETWORK INC**...*SOLAR ENERGY EQUIPMENT-WHOLESALE*
1010 **TOMAX TECHNOLOGY**...*NONCLASSIFIED ESTABLISHMENTS*
1020 **E2C REMEDIATION**...*CONSTRUCTION COMPANIES*
1020 **E2C REMEDIATION**...*ENVIRONMENTAL & ECOLOGICAL SERVICES*
1020 **E2C REMEDIATION**...*LABORATORIESANALYTICAL*
1020 **E2C REMEDIATION**...*FEDERAL GOVERNMENT CONTRACTORS*
1020 **ENVIRONMENTAL ENGINEERING**...*ENVIRONMENTAL & ECOLOGICAL SERVICES*
1020 **KDC CONSTRUCTIONS**...*CONSTRUCTION COMPANIES*
1020 **KDC CONSTRUCTIONS**...*BOILERSSUPPLIES & PARTS (WHLS)*
1020 **SIERRA CO INC**...*ENERGY MANAGEMENT SYSTEMS & PRODUCTS*
1020 **UNIVERSAL PLASTICS**...*PLASTICS-FABRICATING/FINISH/DECOR-MFRS*
1020 **UNIVERSAL PLASTICS**...*AIRCRAFT REBUILDING (WHLS)*
1020 **UNIVERSAL PLASTICS**...*PLASTICS-PRODUCTS-RETAIL*
1030 **PATTERSON DENTAL CO**...*DENTAL EQUIPMENT & SUPPLIES-MFRS*
1030 **PATTERSON DENTAL SUPPLY CO**...*DENTISTS*
1030 **PATTERSON DENTAL SUPPLY CO**...*DENTAL EQUIPMENT & SUPPLIES-WHOLESALE*
1040 **MARK IV CAPITAL**...*INVESTORS NEC*

2020 CINCINNATI AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

4025 **ARROW FENCE**...*BLACKSMITHS*
4025 **ARROW FENCE**...*FENCEMANUFACTURERS*
4025 **ARROW FENCE**...*ORNAMENTAL METAL WORK (MFRS)*
4025 **ARROW FENCE**...*FENCE CONTRACTORS*
4056 **RUTAN ENVIRONMENTAL SVC**...*ENVIRONMENTAL & ECOLOGICAL SERVICES*
4062 **GILCHRIST GOLF CARS**...*GOLF CARS & CARTS*
4062 **TROFHOLZ TECHNOLOGIES**...*INFORMATION TECHNOLOGY SERVICES*
4062 **VIKING SERVICES**...*SERVICES NEC*
4068 **PROPS TREE LANDSCAPE INC**...*LANDSCAPE DESIGNERS*
4074 **SIERRA SOAPSTONE**...*NONCLASSIFIED ESTABLISHMENTS*
4086 **ADAMSON AUTOMOTIVE**...*AUTOMOBILE REPAIR/SVC-EQUIP & SUPLS-MFRS*
4092 **ROBBS COMMERCIAL POOL SVC**...*SWIMMING POOL REPAIR & SERVICE*
4092 **ROBBS COMMERCIAL POOL SVC**...*SWIMMING POOL-SERVICE*
4092 **SUMMIT COMM INC**...*COMMUNICATIONS*
4098 **IVY SCREEN INC**...*LANDSCAPE DESIGNERS*
4098 **PAT BAIRD ACOUSTICS**...*BUILDING CONTRACTORS*
4098 **PAT BAIRD ACOUSTICS**...*ACOUSTICAL CONTRACTORS*
4175 **CALIFORNIA EQUIPMENT**...*NONCLASSIFIED ESTABLISHMENTS*
4175 **CAMBLIN STEEL SVC INC**...*FABRICATED STRUCTURAL METAL MANUFACTURING*
4205 **BROS HOME IMPROVEMENT**...*HOME IMPROVEMENTS*
4205 **BROTHERS HOME IMPROVEMENT CO**...*HOME IMPROVEMENTS*
4205 **EFI GLOBAL INC**...*INVESTIGATORS*
4205 **EFI GLOBAL INC**...*SECURITY SYSTEMS CONSULTANTS*
36050 **CHICO CREEK NURSERY**...*NURSERIES-PLANTS TREES & ETC-WHOLESALE*
36050 **CHICO CREEK NURSERY**...*FEDERAL GOVERNMENT CONTRACTORS*

2020 FOOTHILLS BOULEVARD

SOURCE: DIGITAL BUSINESS DIRECTORY

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8000 **CAPTURE TECHNOLOGIES**...*NONCLASSIFIED ESTABLISHMENTS*
8000 **CMA PLANNERS**...*NONCLASSIFIED ESTABLISHMENTS*
8000 **FIRST TECH FEDERAL CU**...*BANKS*
8000 **H P EMPLOYEES FED CREDIT UNION**...*CREDIT UNIONS*
8000 **HEWLETT-PACKARD**...*COMPUTER & EQUIPMENT DEALERS*
8000 **HEWLETT-PACKARD**...*COMPUTERS-ELECTRONIC-MANUFACTURERS*
8000 **HP SOLAR**...*SOLAR ENERGY EQUIPMENT-WHOLESALE*
8000 **SIGMA MANUFACTURING**...*MANUFACTURERS*
8001 **MESA3 INC**...*ENVIRONMENTAL & ECOLOGICAL SERVICES*
8001 **MESA3 INC**...*FEDERAL GOVERNMENT CONTRACTORS*
8001 **MESA3 INC**...*ENGINEERS-ENVIRONMENTAL*
8001 **MESA3 INC**...*LABORATORIESANALYTICAL*
8001 **MESA3 INC**...*GEOLOGICAL CONSULTANTS*
8601 **ROSEVILLE SELF STORAGE**...*STORAGE-HOUSEHOLD & COMMERCIAL*
9000 **QUEST MEDIA SUPPLIES INC**...*FEDERAL GOVERNMENT CONTRACTORS*
9001 **ALLIANCE FINANCIAL**...*REAL ESTATE*
9001 **CAPITOL INVESTMENTS**...*REAL ESTATE LOANS*
9001 **CAPITOL LENDING-INVSTMNT GROUP**...*REAL ESTATE*
9001 **DOUCET & ASSOC INC**...*SEPTIC TANKS*
9001 **DOUCET & ASSOC INC**...*ENGINEERS-CIVIL*
9001 **EAGLE ROOFING PRODUCTS**...*ROOFING MATERIALS*
9001 **LTC CONSULTING ASSOC**...*HOSPITAL CONSULTANTS*
9001 **LTC CONSULTING ASSOC**...*COMPUTER SOFTWARE APPLICATION SVC PRVDRS*
9001 **NETVAD**...*CELLULAR TELEPHONES (SERVICES)*
9001 **NETVAD**...*COMPUTERS-NETWORKING*
9001 **ROSEVILLE JOURNEY NAZARENE CHR**...*RELIGIOUS ORGANIZATIONS*
9001 **SECURE PAYROLL LLC**...*PAYROLL PREPARATION SERVICE*
9001 **SURVEYORS GROUP INC**...*ENGINEERS-CIVIL*
9001 **SURVEYORS GROUP INC**...*SEPTIC TANKS*
9001 **TAX OFFICE INC**...*TAX RETURN PREPARATION & FILING*
9001 **TAX OFFICE INC**...*TAX CONSULTANTS*
9063 **M E SYSTEMS ENGINEERING**...*ENGINEERS-MECHANICAL*
9063 **MATTCO FINANCIAL SVC**...*FINANCIAL ADVISORY SERVICES*
9063 **PORTLAND MECHANICAL**...*MECHANICAL CONTRACTORS*
9063 **PRO ACTIVE PEST CONTROL**...*PEST CONTROL*
9063 **SIERRA CASE PARTS LLC**...*REFRIGERATING EQUIP-COMMERCIAL (WHLS)*
9063 **SPANDOW ASSOC**...*INFORMATION PROVIDER SERVICES-DIAL IT*
9067 **CHARIS DAY SPA**...*FITNESS & RECREATIONAL SPORTS CENTERS*
9067 **MUEHE-HAYWARD, JANET LEE**...*SOCIAL WORKERS*
9067 **SMITH, LINDA K**...*SOCIAL WORKERS-CLINICAL*
9071 **ALLSTATE INSURANCE AGENCY**...*INSURANCE*
9071 **ALLSTATE INSURANCE CO-KATHLEEN**...*INSURANCE*
9071 **CHURSENOFF ACCOUNTANCY INC**...*ACCOUNTANTS*
9071 **DIVERSE NETWORK ASSOC**...*UNCLASSIFIED ESTABLISHMENTS*
9071 **KIRK REAL ESTATE**...*REAL ESTATE*
9071 **PENCOM**...*RECYCLING CENTERS (WHLS)*
9071 **PENCOM**...*MACHINE SHOP SUPPLIES (WHLS)*
9071 **PENINSULA**...*NONCLASSIFIED ESTABLISHMENTS*
9071 **ROCK CREEK CHURCH**...*CHURCHES*
9071 **SWEET JEAN PHOTOGRAPHY**...*PHOTOGRAPHERS-PORTRAIT*
9075 **INFIDELITY COUNSELING CTR**...*MARRIAGE & FAMILY COUNSELORS*
9075 **MYERS STEVENS & TOOHEY CO INC**...*INSURANCE*
9075 **RENEW ME LLC**...*WEIGHT CONTROL SERVICES*
9075 **ROSEVILLE AESTHETICS CTR**...*NONCLASSIFIED ESTABLISHMENTS*
9077 **CHARIS DAY SPA**...*PHYSICAL THERAPISTS*
9077 **MIDAS**...*AUTOMOBILE REPAIRING & SERVICE*
9077 **MIDAS AUTO SVC EXPERTS**...*BRAKE SERVICE*
9077 **MIDAS AUTO SVC EXPERTS**...*FUELRETAIL*
9077 **MIDAS AUTO SVC EXPERTS**...*GAS COMPANIES*
9077 **MIDAS AUTO SVC EXPERTS**...*AUTOMOBILE REPAIRING & SERVICE*
9077 **SMOG IN**...*AUTOMOBILE SMOG CONTROL INSPECTIONS*
9081 **ANCHOR FINANCIAL**...*LOANS*
9081 **KARIS TAKIYA**...*RESIDENTIAL*
9081 **WEBEVENTS GLOBAL LLC**...*ONLINE SERVICES*
9081 **WEBEVENTS GLOBAL LLC**...*WEBSITE DESIGN SERVICE*
9081 **WEBEVENTS GLOBAL LLC**...*TRADE FAIRS & SHOWS*
9081 **WEBEVENTS GLOBAL LLC**...*WEDDING SUPPLIES & SERVICES*

Part 2 of 2

9083 **ARROW REALTY**...*REAL ESTATE*
9083 **EPIC ENERGY**...*ROOFING CONTRACTORS*
9083 **JACOBSON JAMES ASSOC**...*RESEARCH & DEVELOPMENT IN BIOTECHNOLOGY*
9083 **MOTHER LODE HOLDING CO**...*TITLE COMPANIES*
9083 **MOTHER LODE HOLDING CO**...*CREDIT UNIONS*
9083 **REVENUE SOLUTIONS INC**...*NONCLASSIFIED ESTABLISHMENTS*
9085 **COOL TOUCH INC**...*PHYSICIANS & SURGEONS EQUIP & SUPLS-MFRS*
9085 **COOL TOUCH INC**...*LASERS (WHLS)*
9085 **COOL TOUCH INC**...*PHYSICIANS & SURGEONS EQUIP & SUPLSWHLS*
9085 **COOL TOUCH INC**...*FEDERAL GOVERNMENT CONTRACTORS*
9085 **NEW STAR LASERS**...*ALL OTHER MISCELLANEOUS MANUFACTURING*
9087 **FLIP 2 IT SPORT CTR**...*NONCLASSIFIED ESTABLISHMENTS*
9087 **METRO CALVARY**...*MINISTRIES-OUT REACH*
9087 **NATIONAL CLOSING SOLUTIONS**...*SERVICES NEC*
9087 **NATIONAL CLOSING SOLUTIONS**...*REAL ESTATE SETTLEMENT SVC*
9087 **ROSEVILLE WEST COAST MARTIAL**...*MARTIAL ARTS SUPPLIES & EQUIPMENT*
9087 **ROSEVILLE WEST COAST MARTIAL**...*MARTIAL ARTS INSTRUCTION*
9089 **MELISSA WEISS-ARROW REALTY**...*REAL ESTATE*
9089 **RESTORATION CHURCH**...*CHURCHES*
9089 **RESTORATION CHURCH**...*MISSIONS*
9100 **Q I P-ROSEVILLE**...*REAL ESTATE MANAGEMENT*
9151 **AMPM**...*CONVENIENCE STORES*
10002 **AMERICAN DREAM WHLS BROKERS**...*LOANS*
10002 **EXPRESS EMPLOYMENT**...*EMPLOYMENT CONTRACTORS-TEMPORARY HELP*
10002 **EXPRESS EMPLOYMENT**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
10012 **DUNN HOLDINGS LLC**...*HOLDING COMPANIES (NON-BANK)*
10012 **DUNN, MARC DDS**...*DENTISTS*
10015 **C C NORTH AMERICA**...*CONSULTANT BROKERS*
10015 **C C NORTH AMERICA**...*UNCLASSIFIED ESTABLISHMENTS*
10015 **FITNESS MD**...*GYMNASIUMS*
10015 **FITNESS MD**...*HEALTH CLUBS STUDIOS & GYMNASIUMS*
10016 **ASSOCIATED TAX PLANNERS**...*FINANCING*
10016 **ASSOCIATED TAX PLANNERS**...*TAX CONSULTANTS*
10016 **ELITE PAYROLL EXPERTS**...*PAYROLL PREPARATION SERVICE*
10016 **GRANITE CREEK REALTY**...*OFFICES OF REAL ESTATE AGENTS & BROKERS*
10016 **LEADING EDGE TAX SOLUTIONS**...*TAX RETURN PREPARATION & FILING*
10016 **MCLAUGHLIN COFFINBERRY LLP**...*NONCLASSIFIED ESTABLISHMENTS*
10016 **MOBILE KANGAROO**...*NONCLASSIFIED ESTABLISHMENTS*
10016 **SEATS & STATIONS**...*FURNITURE ACCESSORIES & DECORWHOLESALE*
10016 **SEATS & STATIONS**...*FURNITURE-DEALERS-RETAIL*
10020 **BAYSIDE OF WEST ROSEVILLE CHR**...*CHURCHES*
10020 **BAYSIDE OF WEST ROSEVILLE CHR**...*MISSIONS*
10030 **PRIDE INDUSTRIES**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
10030 **PRIDE INDUSTRIES**...*EMPLOYMENT CONTRACTORSTEMPORARY HELP*
10030 **PRIDE INDUSTRIES**...*FEDERAL GOVERNMENT CONTRACTORS*
10030 **PRIDE INDUSTRIES**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
10031 **UNION PACIFIC RAILROAD CO**...*ECOMMERCE*
10031 **UNION PACIFIC RAILROAD CO**...*RAILROADS*
10050 **SIGMA MFG LOGISTICS**...*MANUFACTURERS*
10101 **PASCO SCIENTIFIC**...*SCIENTIFIC APPARATUS & INSTRUMENTSMFRS*
10101 **PASCO SCIENTIFIC**...*LABORATORY ANALYTICAL INSTRUMENTS (MFRS)*
10101 **PASCO SCIENTIFIC**...*SCIENTIFIC APPARATUS & INSTRUMENTS-WHLS*
10101 **PASCO SCIENTIFIC**...*COMPUTER SOFTWAREMANUFACTURERS*

1010 **ALTAQUIP**...*REPAIR SHOPS & RELATED SERVICES NEC*
1010 **LENNOX PARTS PLUS**...*AIR CONDITIONING & HEATING-SERVICE/RPR*
1010 **SOLAR UNITED NETWORK INC**...*SOLAR ENERGY EQUIPMENT-WHOLESALE*
1020 **E2C REMEDIATION**...*ENVIRONMENTAL & ECOLOGICAL SERVICES*
1020 **E2C REMEDIATION**...*LABORATORIESANALYTICAL*
1020 **E2C REMEDIATION**...*CONSTRUCTION COMPANIES*
1020 **E2C REMEDIATION**...*FEDERAL GOVERNMENT CONTRACTORS*
1020 **ENVIRONMENTAL ENGINEERING**...*ENVIRONMENTAL & ECOLOGICAL SERVICES*
1020 **MARK IV CAPITAL**...*INVESTORS NEC*
1020 **SIERRA CO INC**...*ENERGY MANAGEMENT SYSTEMS & PRODUCTS*
1020 **SIERRA ENERGY**...*OILSPETROLEUMMANUFACTURERS*
1020 **SIERRA ENERGY**...*GASOLINE & OIL BULK STATIONS (WHLS)*
1020 **UNIVERSAL PLASTICS**...*AIRCRAFT REBUILDING (WHLS)*
1020 **UNIVERSAL PLASTICS**...*PLASTICS-FABRICATING/FINISH/DECOR-MFRS*
1020 **UNIVERSAL PLASTICS**...*PLASTICS-PRODUCTS-RETAIL*
1030 **PATTERSON DENTAL CO**...*DENTAL EQUIPMENT & SUPPLIES-MFRS*
1030 **PATTERSON DENTAL SUPPLY CO**...*DENTISTS*
1030 **PATTERSON DENTAL SUPPLY CO**...*DENTAL EQUIPMENT & SUPPLIES-WHOLESALE*
1030 **SUNWORKS INC**...*SOLAR ENERGY RESEARCH & DEVELOPMENT*

4000 **PACIFIC PRIDE CARDLOCK**...*OTHER PETROLEUM MERCHANT WHOLS*
4025 **ARROW FENCE**...*FENCE CONTRACTORS*
4025 **ARROW FENCE**...*ORNAMENTAL METAL WORK (MFRS)*
4025 **ROWAR CORP**...*HOME BUILDERS*
4056 **B & R FLORA INC**...*FLORISTS-RETAIL*
4062 **GILCHRIST GOLF CARS**...*GOLF CARS & CARTS*
4062 **TROFHOLZ TECHNOLOGIES**...*FEDERAL GOVERNMENT CONTRACTORS*
4062 **TROFHOLZ TECHNOLOGIES**...*INFORMATION TECHNOLOGY SERVICES*
4074 **SIERRA SOAPSTONE**...*NONCLASSIFIED ESTABLISHMENTS*
4086 **ADAMSON AUTOMOTIVE**...*AUTOMOBILE REPAIR/SVC-EQUIP & SUPLS-MFRS*
4092 **HOME STORY**...*NONCLASSIFIED ESTABLISHMENTS*
4092 **ROBBS COMMERCIAL POOL SVC**...*SWIMMING POOL REPAIR & SERVICE*
4092 **SUMMIT COMM INC**...*COMMUNICATIONS*
4098 **PAT BAIRD ACOUSTICS**...*ACOUSTICAL CONTRACTORS*
4175 **AMERICAN ENGINEERING & ASPHALT**...*ASPHALT PAVING CONTRACTORS*
4175 **CALIFORNIA EQUIPMENT**...*NONCLASSIFIED ESTABLISHMENTS*
4175 **CAMBLIN STEEL SVC INC**...*FABRICATED STRUCTURAL METAL MANUFACTURING*
4205 **BILLS AUTO GLASS**...*AUTOMOBILE GLASS-SERVICE & INSTALLATION*
4205 **EFI GLOBAL INC**...*INVESTIGATORS*
4205 **ENGINEERING & FIRE INVSTGTNS**...*ENGINEERS*
4205 **LAKESIDE MARINE LLC**...*TOWING-MARINE*
36050 **CHICO CREEK NURSERY**...*NURSERIES-PLANTS TREES & ETC-WHOLESALE*

86 total records. Part 1 of 2

8000 **ADDISON AVENUE FED CU**...*CREDIT UNIONS*
8000 **ATM**...*AUTOMATED TELLER MACHINES*
8000 **CAPTURE TECHNOLOGIES**...*NONCLASSIFIED ESTABLISHMENTS*
8000 **H P EMPLOYEES FED CREDIT UNION**...*FEDERALLY CHARTERED CREDIT UNIONS*
8000 **H P EMPLOYEES FED CREDIT UNION**...*CREDIT UNIONS*
8000 **HEWLETT-PACKARD**...*COMPUTER & EQUIPMENT DEALERS*
8000 **HEWLETT-PACKARD**...*FEDERAL GOVERNMENT CONTRACTORS*
8000 **HP SOLAR**...*UNCLASSIFIED ESTABLISHMENTS*
8001 **MESA3 INC**...*ENGINEERS-ENVIRONMENTAL*
8050 **ATM**...*AUTOMATED TELLER MACHINES*
9001 **CAPITOL INVESTMENTS**...*REAL ESTATE LOANS*
9001 **COGGINS JOHNSTON & MEYER LLP**...*ATTORNEYS*
9001 **DOUCET & ASSOC INC**...*ENGINEERS-CIVIL*
9001 **EAGLE ROOFING PRODUCTS**...*ROOFING MATERIALS*
9001 **LTC CONSULTING ASSOC**...*HOSPITAL CONSULTANTS*
9001 **NETVAD**...*COMPUTERS-NETWORKING*
9001 **ROSEVILLE JOURNEY NAZARENE CHR**...*RELIGIOUS ORGANIZATIONS*
9001 **SURVEYORS GROUP INC**...*ENGINEERS-CIVIL*
9001 **TAX OFFICE INC**...*TAX RETURN PREPARATION & FILING*
9063 **CHURCH-SCIENCETOLOGY MSN**...*CHURCHES*
9063 **M E SYSTEMS ENGINEERING**...*ENGINEERS-MECHANICAL*
9063 **PORTLAND MECHANICAL**...*MECHANICAL CONTRACTORS*
9063 **SIERRA CASE PARTS LLC**...*REFRIGERATING EQUIP-COMMERCIAL (WHLS)*
9063 **SPANDOW ASSOC**...*INFORMATION PROVIDER SERVICES-DIAL IT*
9067 **CHARIS DAY SPA**...*FITNESS & RECREATIONAL SPORTS CENTERS*
9067 **RANDALL TANAKA LAW OFFICE**...*ATTORNEYS*
9067 **TANAKA RANDALL LAW OFFICE**...*ATTORNEYS*
9071 **ALLSTATE INSURANCE AGENCY**...*INSURANCE*
9071 **DIVERSE NETWORK ASSOC**...*UNCLASSIFIED ESTABLISHMENTS*
9071 **KIRK REAL ESTATE**...*REAL ESTATE*
9071 **RE/MAX GOLD**...*REAL ESTATE*
9071 **SWEET JEAN PHOTOGRAPHY**...*PHOTOGRAPHERS-PORTRAIT*
9071 **TITAN TECHNOLOGIES GROUP**...*SATELLITE COMMS SERVICES-COMMON CARRIER*
9075 **CMA CONSULTING**...*CONSTRUCTION MANAGEMENT*
9075 **MYERS STEVENS & TOOHEY CO INC**...*INSURANCE*
9075 **NATIONAL TENANT NETWORK**...*CREDIT REPORTING AGENCIES*
9075 **NATIONAL TENANT NETWORK**...*TENANT REFERENCE CHECKING SERVICE*
9075 **QUADRA DAY PC**...*ATTORNEYS*
9075 **RENEW ME LLC**...*WEIGHT CONTROL SERVICES*
9075 **ROSEVILLE AESTHETICS CTR**...*NONCLASSIFIED ESTABLISHMENTS*
9077 **MARTA SCHULZE**...*RESIDENTIAL*
9077 **MIDAS AUTO SVC EXPERTS**...*AUTOMOBILE REPAIRING & SERVICE*
9077 **MIDAS AUTO SVC EXPERTS**...*GAS COMPANIES*
9077 **MITSUKO'S CAFE & DELI**...*RESTAURANTS*
9077 **MITSUKO'S CAFE & DELI**...*DELICATESSENS*
9077 **SMOG IN**...*AUTOMOBILE SMOG CONTROL INSPECTIONS*
9079 **CFN CARDLOCK**...*OTHER PETROLEUM MERCHANT WHOLS*
9081 **ANCHOR FINANCIAL**...*LOANS*
9081 **KARIS TAKIYA**...*RESIDENTIAL*
9081 **VOLTAIRE INC**...*COMPUTER & EQUIPMENT DEALERS*
9081 **WEBEVENTS GLOBAL LLC**...*WEBSITE DESIGN SERVICE*
9081 **WEBEVENTS GLOBAL LLC**...*TRADE FAIRS & SHOWS*
9083 **ARROW REALTY**...*REAL ESTATE*
9083 **JACOBSON JAMES ASSOC**...*RESEARCH & DEVELOPMENT IN BIOTECHNOLOGY*
9083 **MOTHER LODE HOLDING CO**...*TITLE COMPANIES*
9083 **ROPIA INC**...*NONCLASSIFIED ESTABLISHMENTS*
9085 **COOL TOUCH INC**...*PHYSICIANS & SURGEONS EQUIP & SUPLS-MFRS*
9085 **COOL TOUCH INC**...*LASERS (WHLS)*
9085 **NEW STAR LASERS**...*ALL OTHER MISCELLANEOUS MANUFACTURING*
9087 **NATIONAL CLOSING SOLUTIONS**...*REAL ESTATE SETTLEMENT SVC*
9087 **ROSEVILLE WEST COAST MARTIAL**...*MARTIAL ARTS INSTRUCTION*
9089 **ALPHA GRAPHICS**...*PRINTERS (MFRS)*
9089 **ALPHA GRAPHICS**...*PRINTERS-BUSINESS FORMS (MFRS)*
9089 **RESTORATION CHURCH**...*CHURCHES*
9151 **7 ELEVEN**...*ALTERNATIVE FUELS*

Part 2 of 2

9151 **CITIBANK ATM**...*AUTOMATED TELLER MACHINES*
9801 **WAN LAN SOLUTIONS INC**...*DATA COMMUNICATIONS EQUIP/SYSTEMS (WHLS)*
10002 **EXPRESS EMPLOYMENT**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
10002 **EXPRESS EMPLOYMENT**...*EMPLOYMENT CONTRACTORS-TEMPORARY HELP*
10012 **DUNN HOLDINGS LLC**...*HOLDING COMPANIES (NON-BANK)*
10012 **DUNN, MARC DDS**...*DENTISTS*
10015 **C C NORTH AMERICA**...*UNCLASSIFIED ESTABLISHMENTS*
10015 **FITNESS MD**...*HEALTH CLUBS STUDIOS & GYMNASIUMS*
10016 **ASSOCIATED TAX PLANNERS**...*TAX CONSULTANTS*
10016 **GRANITE CREEK REALTY**...*OFFICES OF REAL ESTATE AGENTS & BROKERS*
10016 **SEATS & STATIONS**...*FURNITURE-DEALERS-RETAIL*
10020 **BAYSIDE OF WEST ROSEVILLE CHR**...*CHURCHES*
10030 **PRIDE INDUSTRIES**...*SOCIAL SERVICE & WELFARE ORGANIZATIONS*
10030 **PRIDE INDUSTRIES**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
10030 **SOUTH PLACER REGL TRNSPRTN ATH**...*TRANSPORTATION*
10031 **UNION PACIFIC RAILROAD CO**...*RAILROADS*
10050 **AGILENT TECHNOLOGIES INC**...*INSTRUMENTS-MEASURING (MFRS)*
10050 **SIGMA MFG LOGISTICS**...*MANUFACTURERS*
10101 **PASCO SCIENTIFIC**...*SCIENTIFIC APPARATUS & INSTRUMENTS-WHLS*
10101 **PASCO SCIENTIFIC**...*LABORATORY ANALYTICAL INSTRUMENTS (MFRS)*

1010 **SOLAR UNITED NETWORK INC**...*SOLAR ENERGY EQUIPMENT-WHOLESALE*
1010 **SUN WORKS INC**...*SOLAR ENERGY RESEARCH & DEVELOPMENT*
1020 **E2C REMEDIATION**...*ENVIRONMENTAL & ECOLOGICAL SERVICES*
1020 **E2C REMEDIATION**...*FEDERAL GOVERNMENT CONTRACTORS*
1020 **INTERNATIONAL GAME TECHNOLOGY**...*GAMING EQUIPMENT & SUPPLIES-MFRS*
1020 **M & M MATERIALS**...*SHOWER DOORS & ENCLOSURES*
1020 **SIERRA ENERGY**...*GASOLINE & OIL BULK STATIONS (WHLS)*
1020 **UNIVERSAL PLASTICS**...*PLASTICS-PRODUCTS-RETAIL*
1020 **UNIVERSAL PLASTICS**...*PLASTICS-FABRICATING/FINISH/DECOR-MFRS*
1030 **JOHNSON CONTROLS INC**...*AIR CONDITIONING EQUIPMENT-REPAIR*
1030 **PATTERSON DENTAL SUPPLY CO**...*DENTAL EQUIPMENT & SUPPLIES-WHOLESALE*

2012 CINCINNATI AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

4025 **ARROW FENCE**...*FENCE CONTRACTORS*
4025 **ROWAR CORP**...*HOME BUILDERS*
4050 **ARISTOCRAT CABINET SHOP**...*CABINET MAKERS*
4056 **COMMERCIAL DOOR**...*DOORS*
4062 **TROFHOLZ TECHNOLOGIES**...*INFORMATION TECHNOLOGY SERVICES*
4068 **CREATIVE MEDIA SOLUTIONS INC**...*MULTIMEDIA (MFRS)*
4092 **ROBBS COMMERCIAL POOL SVC**...*SWIMMING POOL REPAIR & SERVICE*
4098 **IVY SCREEN INC**...*FENCE (WHLS)*
4175 **AMERICAN ENGINEERING & ASPHALT**...*ASPHALT PAVING CONTRACTORS*
4175 **BRETT MOORE**...*RESIDENTIAL*
4205 **EFI GLOBAL INC**...*INVESTIGATORS*
4205 **ENGINEERING & FIRE INVSTGTNS**...*NONCLASSIFIED ESTABLISHMENTS*
4205 **LAKESIDE MARINE LLC**...*TOWING-MARINE*

2012 FOOTHILLS BOULEVARD

SOURCE: DIGITAL BUSINESS DIRECTORY

8000 **ADDISON AVENUE FED CU**...*CREDIT UNIONS*
8000 **H P EMPLOYEES FED CREDIT UNION**...*CREDIT UNIONS*
8000 **HEWLETT-PACKARD**...*COMPUTER SERVICES*
9001 **COGGINS JOHNSTON & MEYER LLP**...*ATTORNEYS*
9001 **DOUCET & ASSOC INC**...*ENGINEERS-CIVIL*
9001 **EAGLE ROOFING PRODUCTS**...*ROOFING MATERIALS*
9001 **LTC CONSULTING ASSOC**...*HOSPITAL CONSULTANTS*
9001 **SURVEYORS GROUP INC**...*ENGINEERS-CIVIL*
9001 **TAX OFFICE INC**...*TAX RETURN PREPARATION & FILING*
9063 **ADVANCED SKIN CARE**...*SKIN TREATMENTS*
9063 **M E SYSTEMS ENGINEERING**...*ENGINEERS-MECHANICAL*
9067 **PREFERRED CARE AT HOME**...*HOME HEALTH SERVICE*
9071 **ALLSTATE INSURANCE AGENCY**...*INSURANCE*
9071 **GAMEDAY RESOURCES**...*TOYS-RETAIL*
9071 **MODA'S ASSOCIATES & INS SVC**...*INSURANCE*
9071 **RE/MAX GOLD**...*REAL ESTATE*
9071 **TRI STAR FINANCIAL SVC**...*FINANCIAL PLANNING CONSULTANTS*
9075 **CMA CONSULTING**...*CONSTRUCTION MANAGEMENT*
9075 **NATIONAL TENANT NETWORK**...*CREDIT REPORTING AGENCIES*
9075 **WELCO ENGINEERING**...*CONTRACTORS-ENGINEERING GENERAL*
9075 **WELCO UNDERGROUND CONSTR INC**...*CONSTRUCTION COMPANIES*
9077 **GAME DAY CAFE & DELI**...*DELICATESSENS*
9077 **MIDAS AUTO SVC EXPERTS**...*AUTOMOBILE REPAIRING & SERVICE*
9077 **SMOG IN**...*AUTOMOBILE SMOG CONTROL INSPECTIONS*
9077 **U-HAUL NEIGHBORHOOD DEALER**...*TRUCK RENTING & LEASING*
9081 **ANCHOR FINANCIAL**...*LOANS*
9081 **VOLTAIRE INC**...*COMPUTER & EQUIPMENT DEALERS*
9081 **WEBEVENTS GLOBAL LLC**...*WEBSITE DESIGN SERVICE*
9083 **ARROW REALTY**...*REAL ESTATE*
9083 **ROPIA INC**...*NONCLASSIFIED ESTABLISHMENTS*
9085 **COOL TOUCH INC**...*PHYSICIANS & SURGEONS EQUIP & SUPLS-MFRS*
9087 **APPLIED OFFICE SOLUTIONS INC**...*COPYING & DUPLICATING MACHINES & SUPLS*
9087 **ROSEVILLE WEST COAST MARTIAL**...*MARTIAL ARTS INSTRUCTION*
9089 **ALPHA GRAPHICS**...*PRINTERS (MFRS)*
9089 **WAREHOUSE CHRISTIAN MINISTRIES**...*CHURCHES*
9151 **BLUE OAK SHELL**...*SERVICE STATIONS-GASOLINE & OIL*
9151 **CITIBANK ATM**...*AUTOMATED TELLER MACHINES*
9151 **REDBOX**...*VIDEO RENTAL KIOSKS*
9801 **WAN LAN SOLUTIONS INC**...*DATA COMMUNICATIONS EQUIP/SYSTEMS (WHLS)*
10002 **EXPRESS EMPLOYMENT**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
10012 **DUNN ORTHODONTICS**...*DENTISTS*
10012 **DUNN, MARC DDS**...*DENTISTS*
10016 **MYOTONIC DYSTROPHY FOUNDATION**...*CHARITABLE INSTITUTIONS*
10016 **SEATS & STATIONS INC**...*OFFICE FURNITURE & EQUIP-DEALERS (WHLS)*
10020 **BAYSIDE OF WEST ROSEVILLE CHR**...*CHURCHES*
10030 **PRIDE INDUSTRIES**...*EMPLOYMENT AGENCIES & OPPORTUNITIES*
10031 **UNION PACIFIC RAILROAD CO**...*RAILROADS*
10101 **PASCO SCIENTIFIC**...*LABORATORY ANALYTICAL INSTRUMENTS (MFRS)*

2012 WINDING CREEK ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

1010 **MEGOWN TEST & MEASUREMENT INC**...*ELECTRONIC TESTING EQUIPMENT (WHLS)*
1020 **CHEER STARZ INC**...*GYMNASTIC INSTRUCTION*
1020 **E2C REMEDIATION**...*ENVIRONMENTAL & ECOLOGICAL SERVICES*
1020 **INTERNATIONAL GAME TECHNOLOGY**...*GAMING EQUIPMENT & SUPPLIES (WHLS)*
1020 **SIERRA ENERGY**...*GASOLINE & OIL BULK STATIONS (WHLS)*
1020 **UNIVERSAL PLASTICS**...*PLASTICS-PRODUCTS-RETAIL*
1030 **JOHNSON CONTROLS INC**...*AIR CONDITIONING EQUIPMENT-REPAIR*
1030 **PATTERSON DENTAL SUPPLY CO**...*DENTAL EQUIPMENT & SUPPLIES-WHOLESALE*

2008 CINCINNATI AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

4025 **ARROW FENCE CO**...*FENCE CONTRACTORS*
4025 **ARROW FENCE CO**...*ORNAMENTAL METAL WORK (MANUFACTURERS)*
4050 **DYNAMIC PAINTING INC**...*PTG, PPR HANG CONTR*
4062 **TROFHOLZ TECHNOLOGIES**...*CMP PROGRAMMING SVS*
4074 **GRANITE BAY SOLAR**...*MFG HEATING EQP*
4086 **ON SITE CONCRETE INC**...*CONCRETE WORK*
4092 **BACK YARK DREAM**...*STOVES-WOOD,COAL,ETC*
4098 **IVY SCREEN INC**...*DOOR,WINDOW PRODUCTS*
4175 **AMERICAN ENGINEERING & ASPHALT**...*EXCAVATION WORK*
4175 **AMERICAN ENGINEERING & ASPHALT**...*EXCAVATING CONTRACTORS*
4205 **DOOR & WINDOW CO**...*LUMBER, REL BLD MTL*
4205 **DOOR & WINDOW CO**...*DOOR,WINDOW PRODUCTS*
4205 **DOOR & WINDOW CO**...*WINDOW REPLACEMENT*
4205 **EFI GLOBAL**...*DET, ARMORED CAR SV*
4205 **ENGINEERING & FIRE INVSTGTNS**...*NCLASSIFIABLE ESTAB*
4205 **ENGINEERING & FIRE INVTGTNS**...*INVESTIGATORS*
4205 **JACKSON CONSTRUCTION**...*FAMILY HSNG CONSTR*
4205 **JACKSON CONSTRUCTION**...*GENERAL CONTRACTORS*
4205 **JACKSON CONSTRUCTION**...*CABNT/FINISH CARPNTRY*
4205 **JACKSON CONSTRUCTION**...*CONSTRUCTION COMPANIES*

93 total records. Part 1 of 2

8000 **H P EMPLOYEES FED CREDIT UNION**...CREDIT UNIONS
8000 **H P EMPLOYEES FED CREDIT UNION**...FED CHART CREDIT UN
8000 **HEWLETT PACKARD**...CMP PROGRAMMING SVS
8000 **HEWLETT-PACKARD CO**...COMPUTER SERVICES
8000 **MARRIOTT**...MANAGEMENT SERVICES
8000 **SYKES ENTERPRISES INC**...COMPUTERS-SYSTEM DESIGNERS & CONSULTANTS
8000 **SYKES ENTERPRISES INC**...MGMT CONSULTING
9001 **ALLIANCE FINANCE**...FINANCING
9001 **ALLIANCE FINANCIAL**...REAL ESTATE AGT,MGR
9001 **CAPITOL INVESTMENTS**...INVESTMENTS
9001 **COGGINS JOHNSTON & MEYER**...LEGAL SERVICES
9001 **EAGLE ROOFING PRODUCTS**...LUMBER, REL BLD MTL
9001 **LEGACY SOLUTIONS**...COMP SFTWRE & ACC
9001 **LTC CONSULTING ASSOC**...HOSPITAL CONSULTANTS
9001 **LTC CONSULTING ASSOC**...BUS CONSULTING NEC
9001 **Q B RESOURCE OF SACRAMENTO**...BUSINESS MANAGEMENT CONSULTANTS
9001 **Q B RESOURCE OF SACRAMENTO**...WHL OFFICE EQP
9001 **SACRAMENTO VALLEY PEST CONTROL**...PEST CONTROL SVS
9001 **SURVEYORS GROUP INC**...CONST,CIVIL ENGINEERS
9001 **SURVEYORS GROUP INC**...ENGINEERS-CIVIL
9001 **TAX OFFICE INC**...TAX RETURN PREPARATION & FILING
9063 **ALL STATE HOME LOANS**...REAL ESTATE LOANS
9063 **ARROW REALTY**...REAL ESTATE
9063 **GREG COMIA INSURANCE**...INSURANCE
9063 **MATTCO FINANCIAL SVC**...FINANCIAL ADVISORY SERVICES
9063 **MC QUARRIE ASSOCIATES**...BUILDING MATERIALS
9063 **TOGETHER WE PLAN**...ADVERTISING-SPECIALTIES (WHOLESALE)
9067 **BRANNER PROBATE CTR**...LEGAL SERVICES
9067 **BUSINESS REPLICATION & PRINT**...LITHO,COML PRINTING
9067 **CECURENET**...COMPUTERS-SYSTEM DESIGNERS & CONSULTANTS
9067 **STATHEM ENTERPRISES**...FUND RAISING ORGS
9067 **STATHEM ENTERPRISES**...FUND RAISING COUNSELORS & ORGANIZATIONS
9071 **CARLSON ACCOUNTING & FINANCIAL**...TAX CONSULTANTS
9071 **CARLSON ACCOUNTING & FINANCIAL**...ACCOUNTANTS
9071 **CORNERSTONE FINANCIAL PARTNERS**...INVESTMENT ADVICE
9071 **MCCONNELL KATHLEEN INSURANCE**...INSUR AGTS,BRKS,SVS
9071 **MONY SECURITIES CORP**...FINANCIAL ADVISORY SERVICES
9071 **RE/MAX GOLD**...REAL ESTATE AGT,MGR
9071 **TRI STAR FINANCIAL SVC**...FINANCIAL ADVISORY SERVICES
9071 **TRI STAR FINANCIAL SVC**...INVESTMENT ADVICE
9075 **AUTO BROKERS OF AMERICA**...AUTOMOBILE & TRUCK BROKERS
9075 **CMA CONSULTING**...CONSTRUCTION MANAGEMENT
9075 **CMA CONSULTING**...MANAGEMENT SERVICES
9075 **NATIONAL TENANT NETWORK**...CREDIT REPORTING SV
9075 **REVERSE MORTGAGE CO**...MORTGAGE BANKERS
9077 **GAME DAY CAFE & DELI**...EATING PLACES
9077 **GAME DAY CAFE & DELI**...DELICATESSENS
9077 **MIDAS AUTO SVC EXPERTS**...GENERAL AUTO REPAIR
9077 **REFINERY**...AUTOMOBILE LUBRICATION SERVICE
9077 **ROSEVILLE FUEL PLAZA/SIERRA E**...GAS PRODN & DISTN
9077 **TRINITY TRANSPORT INC**...TRUCKING
9081 **MATTCO FINANCIAL SVC**...INVESTMENT ADVICE
9081 **WAN LAN SOLUTIONS INC**...COMPUTER SVS NEC
9081 **WAN-LAN SOLUTIONS INC**...DATA COMMUNICATIONS EQUIP/SYSTEMS (WHOL)
9083 **EMULEX CORP**...SEMICONDTS, REL DV
9083 **JTX MORTGAGE GROUP**...MORTGAGE BANKERS
9083 **REVENUE SOLUTIONS INC**...COMPUTER SOFTWARE
9083 **VOLT SERVICES GROUP**...EMPLOYMENT CONTRACTORS-TEMPORARY HELP
9083 **VOLT SERVICES GROUP**...TEMP SUPPLY SER.BUS
9083 **VOLT TEMPORARY SERVICES**...HELP SUPPLY SERVICES
9085 **COOL TOUCH INC**...SURGICAL,MED INSTRS
9085 **NEW STAR LASERS INC**...PHYSICIANS & SURGEONS EQUIP & SUPLS-MFRS
9087 **FLIP 2 IT SPORT CTR**...DANCING INSTRUCTION
9087 **FLIP 2 IT SPORTS CTR**...DANCING INSTRUCTION
9087 **OLYMPIC STONE LLC**...UNCLASSIFIED

2008 FOOTHILLS BOULEVARD
SOURCE: DIGITAL BUSINESS DIRECTORY

Part 2 of 2

9087 **ROSEVILLE WEST COAST MARTIAL**...MARTIAL ARTS
9089 **ALPHA GRAPHICS**...PRINTERS
9089 **ALPHAGRAPHICS PRINT SHP FUTURE**...LITHOGRAPHIC COMMERCIAL PRINTING
9089 **ALPHAGRAPHICS PRINTSHOPS**...COML PRINTING NEC
9089 **ARROW REALTY**...REAL ESTATE AGT,MGR
9089 **CALIFORNIA PRO COMMERCIAL INS**...INSURANCE AGENTS,BRKR
9089 **CALPRO INSURANCE**...INSURANCE AGENTS,BRKR
9089 **METRO CALVARY OUTREACH**...RELIGIOUS ORGANIZ
9089 **OAK VALLEY CHURCH**...CHURCHES
9151 **BLUE OAK SHELL**...SERVICE STATIONS-GASOLINE & OIL
9151 **NAVRAG CHAAD HOUSE**...RESTAURANTS
9151 **VALERO**...GASOLINE SV STATION
10015 **MASTER TILE POOL TILE DIV**...SPECIAL TRADE CONTR
10015 **MASTER TILE WEST**...TERRAZZO, TILE WORK
10015 **MASTER TILE WEST**...GRANITE (WHOLESALE)
10020 **WAREHOUSE CHRISTIAN MINISTRIES**...RELIGIOUS ORGANIZ
10020 **WAREHOUSE CHRISTIAN MINISTRIES**...CHURCHES
10030 **CTSA**...NON-PROFIT ORGANIZATIONS
10030 **CTSA**...FACILITY SUPPORT GOVERNMENT SERVICES MAIL & FULFILLMENT
10030 **CTSA INC**...LOCAL/SUBURBAN TRANSPORTATION INDIVIDUAL/FAMILY SERVICE
10030 **PRIDE INDUSTRIES**...MAILING & SHIPPING SERVICES
10030 **PRIDE INDUSTRIES**...MISC SERVICES NEC
10030 **PRIDE INDUSTRIES**...MFG INDUSTRIES NEC
10031 **UNION PACIFIC RAILROAD COMPANY**...RAILROAD TRANSPORATION SERVICES
10050 **KINTETSU WORLD EXPRESS USA**...FREIGHT TRANSPORTATION ARRANGEMENT
10101 **PASCO SCIENTIFIC**...ANALYTICAL INSTR
10101 **PASCO SCIENTIFIC**...LABORATORY ANALYTICAL INSTRUMENTS (MFRS)

2008 WINDING CREEK ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

1010 **DOVEBID INC TEST & MEASUREMENT**...*ELECTRONIC TESTING EQUIPMENT (WHOLESALE)*
1010 **LESCO SERVICE CTR**...*LANDSCAPING EQUIPMENT & SUPPLIES*
1010 **METOWN TEST & MEASUREMENT INC**...*ELC APPARATUS & EQP*
1010 **VIDEO TECH**...*RECS,AUDIO DISK/TAPES*
1020 **E2C REMEDIATION**...*COML PHYSICAL RESCH*
1030 **INDEPENDENT ELECTRIC SUPL INC**...*ELECTRICAL SUPPS*
1030 **JOHNSON CONTROLS INC**...*AIR CONDITIONING REP*
1030 **PATTERSON DENTAL CO**...*OPHTHALMIC GOODS*
1030 **PATTERSON DENTAL SUPPLY**...*DENTAL EQP & SUPS*

2003 CINCINNATI AVE

SOURCE: DIGITAL BUSINESS DIRECTORY

4175 **AMERICAN ENGINEERING & ASPHALT**...*HIGHWAY SIGNS AND GUARDRAILS*

2003 FOOTHILLS BOULEVARD

SOURCE: DIGITAL BUSINESS DIRECTORY

8000 **H P EMPLOYEES FED CREDIT UNION**
8000 **HEWLETT-PACKARD CO**...*KEY-TAPE EQUIPMENT, EXCEPT DRIVES*
9077 **REFINERY**...*TOWING SERVICES*
9077 **ROSEVILLE FUEL PLAZA**
9081 **WAN-LAN SOLUTIONS INC**
9083 **REVENUE SOLUTIONS INC**...*COMPUTER PERIPHERAL EQUIPMENT*
9083 **VOLT TECHNICAL SVC**
9089 **OAK VALLEY CHURCH**
9089 **RETAIL DESIGN ASSOC**...*TELEPHONE SERVICES*
9151 **BLUE OAK SHELL**
10030 **CTSA**
10050 **KINTETSU WORLD EXPRESS**

2003 WINDING CREEK ROAD

SOURCE: DIGITAL BUSINESS DIRECTORY

NO LISTING FOUND

2000 CINCINNATI AVE

SOURCE: HAINES

0	**DOOR CRAFT**
3833	**HT INC**
3883	**PC EXPLORATION INC**
3909	**CAE VANGUARD**
3939	**REYNOLDS METALS CO**

2000 FOOTHILLS BOULEVARD

SOURCE: HAINES

7950	**BRIDGES THE**
8000	**HEWLETT - PACKARD EMP INF**
8000	**HEWLETT - PACKARD ROSEVILLE SITE**
8001	**XXXX**
8040	**XXXX**
10031	**BUILDING**
10031	**UNION PACIFIC RA CO INFO**
10031	**UNION PACIFIC RA CO POLICE**
10031	**UNION PACIFIC RR CO CLAIMS**
10031	**UNION PACIFIC RR CO CMNCTNS**
10031	**UNION PACIFIC RR CO ENGINEERING**
10031	**UNION PACIFIC RR CO LAW DEPT**
10031	**UNION PACIFIC RR CO PFE**
10031	**UNION PACIFIC RR CO PURCHASING**
10031	**UNION PACIFIC RR CO RAIL YARD**
10031	**UNION PACIFIC RR CO SHOPS**
10050	**KINTETSU WRLD EXPRS**
10101	**PASCO SCIENTIFIC**

2000 WINDING CREEK ROAD

SOURCE: HAINES

STREET NOT LISTED

1995 CINCINNATI AVE

SOURCE: HAINES

RANGE NOT LISTED

1995 FOOTHILLS BOULEVARD

SOURCE: HAINES

7511	**OBAYASH CORPORATION**
8000	**HEWLETTPACKARD CO**
8001	**XXXX**
8040	**XXXX**
10050	**KINTETSU WALD EXPRS**
10101	**PASCO SCIENTIFIC**

1995 WINDING CREEK ROAD

SOURCE: HAINES

STREET NOT LISTED

1990 CINCINNATI AVE

SOURCE: HAINES

RANGE NOT LISTED

1990 FOOTHILLS BOULEVARD

SOURCE: HAINES

7511	**FLUOR DANIEL INC**
8000	**HARBISON MAHONY**
8000	**HEWLETT PACKARD CO**
8001	**SWINERTON & WALBERG**
8040	**XXXX**

1990 WINDING CREEK ROAD

SOURCE: HAINES

STREET NOT LISTED

1985 CINCINNATI AVE

SOURCE: HAINES

RANGE NOT LISTED

1985 FOOTHILLS BOULEVARD

SOURCE: HAINES

7501 **HELLWIG HEATG & PLMBG**
7501 **NEC ELCTRNIC USAINC**
7501 **ROSENDIN ELECTRIC**
8000 **HEWLETT PACKARD CO**
8000 **THE HEART FED SYNGS**

1985 WINDING CREEK ROAD

SOURCE: HAINES

STREET NOT LISTED

1980 CINCINNATI AVE

SOURCE: HAINES

RANGE NOT LISTED

1980 FOOTHILLS BOULEVARD

SOURCE: HAINES

STREET NOT LISTED

1980 WINDING CREEK ROAD

SOURCE: HAINES

STREET NOT LISTED

1976 CINCINNATI AVE

SOURCE: HAINES

STREET NOT LISTED

1976 FOOTHILLS BOULEVARD

SOURCE: HAINES

STREET NOT LISTED

1976 WINDING CREEK ROAD

SOURCE: HAINES

STREET NOT LISTED

1973 CINCINNATI AVE

SOURCE: POLKS

STREET NOT LISTED

1973 FOOTHILLS BOULEVARD

SOURCE: POLKS

STREET NOT LISTED

1973 WINDING CREEK ROAD

SOURCE: POLKS

STREET NOT LISTED

1970 CINCINNATI AVE

SOURCE: HAINES

STREET NOT LISTED

1970 FOOTHILLS BOULEVARD

SOURCE: HAINES

STREET NOT LISTED

1970 WINDING CREEK ROAD

SOURCE: HAINES

STREET NOT LISTED

1969 CINCINNATI AVE

SOURCE: POLKS

STREET NOT LISTED

1969 FOOTHILLS BOULEVARD

SOURCE: POLKS

STREET NOT LISTED

1969 WINDING CREEK ROAD

SOURCE: POLKS

STREET NOT LISTED

1964 CINCINNATI AVE

SOURCE: POLKS

STREET NOT LISTED

1964 FOOTHILLS BOULEVARD

SOURCE: POLKS

STREET NOT LISTED

1964 WINDING CREEK ROAD

SOURCE: POLKS

STREET NOT LISTED

1960 CINCINNATI AVE

SOURCE: POLKS

STREET NOT LISTED

1960 FOOTHILLS BOULEVARD

SOURCE: POLKS

STREET NOT LISTED

1960 WINDING CREEK ROAD

SOURCE: POLKS

STREET NOT LISTED

Phase I ESA Owner / Site Contact Interview Form

Interviewee Name: Tanner Wilson Title: VP Development & Asset Mgmt

Email: twilson@markiv.com Phone: 949-509-1444

Relationship to Property: Employee of owner Length of Relationship: 8.5 Yrs

Name(s) of Owner(s) of the Property: M4 FOOTHILLS LAND, LLC

Contact Information of Owner(s): See above Date of Acquisition: 2021

Property Address(es): Undeveloped land along Winding Creek Way and Foothills Blvd, Roseville, CA

Previous Street Names/Numbers: N/A

Total # of Buildings: 0 - Land Square Footage of Each Building: N/A

# of Stories: N/A Date Built: N/A

General Business Type/Present Property Use: Undeveloped land

Past Property Uses (include dates): No previous uses

Please indicate the provider for each of the following site utilities:

Drinking Water	Not installed: Roseville Utilities	Electric	Roseville Utilities
Wastewater	Roseville Utilities	Natural Gas	Not installed: PGE

Please indicate the tenant(s) and use / operation(s) of each of the adjoining properties:

Direction	Tenant and Use / Operation
North	Open preservation land
East	Rail tracks with light industrial beyond rails
South	Light industrial
West	Religious organization building and light industrial

Are you aware of any previous environmental reports/investigations associated with the site? If so, can you provide them?

___Yes ✓__No Notes: _____

Are you aware of any environmental concerns associated with the site, either historically or currently? If yes, please explain.

___Yes ✓__No Notes: _____

Are you aware of any pending, threatened or past environmental litigation, proceedings or notices of possible violations of environmental laws or liability or potential environmental concerns in connection with the site? If yes, please explain.

___Yes ✓__No Notes: _____

Are you aware of the following items / features currently or historically associated with the site?

Item	Yes	No	Location / Notes
Site Operations, Processes, and Equipment			
Emergency generators		✓	
Elevators		✓	
Air compressors		✓	
Hydraulic lifts		✓	
Dry cleaning		✓	
Photo processing		✓	
Ventilation hoods and/or incinerators		✓	
Waste treatment systems and/or water treatment systems		✓	
Heating and/or cooling systems		✓	
Paint booths		✓	
Sub-grade mechanic pits		✓	
Wash-down areas or carwashes		✓	
Pesticide/herbicide production or storage		✓	
Printing operations		✓	
Metal finishing (e.g., electroplating, chrome plating, galvanizing, etc.)		✓	
Salvage operations		✓	
Oil, gas or mineral production		✓	
Other processes or equipment		✓	
Aboveground Chemical or Waste Storage			
Aboveground storage tanks		✓	
Drums, barrels and/or containers ≥ 5 gallons		✓	
MSDS or SDS		✓	
Underground Chemical or Waste Storage, Drainage, or Collection Systems			
Underground storage tanks or ancillary UST equipment		✓	
Sumps, cisterns, French drains, catch basins and/or dry wells		✓	
Grease traps		✓	
Septic tanks and/or leach fields		✓	
Oil/water separators, clarifiers, sand traps, triple traps, interceptors		✓	

Item	Yes	No	Location / Notes
Pipeline markers		✓	
Interior floor drains		✓	
Electrical Transformers / PCBs			
Transformers and/or capacitors	✓		Utility box located on the land
Other equipment	✓		Transmission lines through site
Releases or Potential Releases			
Stressed vegetation		✓	
Stained soil		✓	
Stained pavement or similar surface		✓	
Leachate and/or waste seeps		✓	
Trash, debris and/or other waste materials		✓	
Dumping or disposal areas		✓	
Construction/demolition debris and/or dumped fill dirt		✓	
Surface water discoloration, odor, sheen, and/or free floating product		✓	
Strong, pungent or noxious odors		✓	
Exterior pipe discharges and/or other effluent discharges		✓	
Other Notable Site Features			
Surface water bodies	✓		2 purpose built retention ponds
Quarries or pits		✓	
Wastewater lagoons		✓	
Wells		✓	

If any of the above questions were answered “yes”, please provide additional information below (tank/container size/contents, known issue/release, service schedule/company, date of installation, etc.).

No further comment. See clarifications above.

IPaC **U.S. Fish & Wildlife Service**

IPaC resource list

This report is an automatically generated list of species and other resources such as critical habitat (collectively referred to as *trust resources*) under the U.S. Fish and Wildlife Service's (USFWS) jurisdiction that are known or expected to be on or near the project area referenced below. The list may also include trust resources that occur outside of the project area, but that could potentially be directly or indirectly affected by activities in the project area. However, determining the likelihood and extent of effects a project may have on trust resources typically requires gathering additional site-specific (e.g., vegetation/species surveys) and project-specific (e.g., magnitude and timing of proposed activities) information.

Below is a summary of the project information you provided and contact information for the USFWS office(s) with jurisdiction in the defined project area. Please read the introduction to each section that follows (Endangered Species, Migratory Birds, USFWS Facilities, and NWI Wetlands) for additional information applicable to the trust resources addressed in that section.

NOT FOR CONSULTATION

Location

Placer County, California

Local office

Sacramento Fish And Wildlife Office

(916) 414-6600
(916) 414-6713

Federal Building

Federal Building
2800 Cottage Way, Room W-2605
Sacramento, CA 95825-1846

NOT FOR CONSULTATION

Endangered species

This resource list is for informational purposes only and does not constitute an analysis of project level impacts.

The primary information used to generate this list is the known or expected range of each species. Additional areas of influence (AOI) for species are also considered. An AOI includes areas outside of the species range if the species could be indirectly affected by activities in that area (e.g., placing a dam upstream of a fish population even if that fish does not occur at the dam site, may indirectly impact the species by reducing or eliminating water flow downstream). Because species can move, and site conditions can change, the species on this list are not guaranteed to be found on or near the project area. To fully determine any potential effects to species, additional site-specific and project-specific information is often required.

Section 7 of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency. A letter from the local office and a species list which fulfills this requirement can **only** be obtained by requesting an official species list from either the Regulatory Review section in IPaC (see directions below) or from the local field office directly.

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list by doing the following:

1. Draw the project location and click CONTINUE.
2. Click DEFINE PROJECT.
3. Log in (if directed to do so).
4. Provide a name and description for your project.
5. Click REQUEST SPECIES LIST.

Listed species[1] and their critical habitats are managed by the Ecological Services Program of the U.S. Fish and Wildlife Service (USFWS) and the fisheries division of the National Oceanic and Atmospheric Administration (NOAA Fisheries[2]).

Species and critical habitats under the sole responsibility of NOAA Fisheries are **not** shown on this list. Please contact NOAA Fisheries for species under their jurisdiction.

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1. Species listed under the Endangered Species Act are threatened or endangered; IPaC also shows species that are candidates, or proposed, for listing. See the listing status page for more information. IPaC only shows species that are regulated by USFWS (see FAQ).

NOT FOR CONSULTATION

2. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

The following species are potentially affected by activities in this location:

Insects

NAME	STATUS
Monarch Butterfly Danaus plexippus Wherever found No critical habitat has been designated for this species. https://ecos.fws.gov/ecp/species/9743	Candidate
Valley Elderberry Longhorn Beetle Desmocerus californicus dimorphus Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/7850	Threatened

Crustaceans

NAME	STATUS
Conservancy Fairy Shrimp Branchinecta conservatio Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/8246	Endangered
Vernal Pool Fairy Shrimp Branchinecta lynchi Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/498	Threatened
Vernal Pool Tadpole Shrimp Lepidurus packardi Wherever found There is **final** critical habitat for this species. Your location does not overlap the critical habitat. https://ecos.fws.gov/ecp/species/2246	Endangered

NOT FOR CONSULTATION

Critical habitats

Potential effects to critical habitat(s) in this location must be analyzed along with the endangered species themselves.

There are no critical habitats at this location.

Migratory birds

Certain birds are protected under the Migratory Bird Treaty Act[1] and the Bald and Golden Eagle Protection Act[2].

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described below.

1. The Migratory Birds Treaty Act of 1918.
2. The Bald and Golden Eagle Protection Act of 1940.

Additional information can be found using the following links:

- Birds of Conservation Concern https://www.fws.gov/program/migratory-birds/species
- Measures for avoiding and minimizing impacts to birds https://www.fws.gov/library/collections/avoiding-and-minimizing-incidental-take-migratory-birds
- Nationwide conservation measures for birds https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf

The birds listed below are birds of particular concern either because they occur on the USFWS Birds of Conservation Concern (BCC) list or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ below. This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the E-bird data mapping tool (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found below.

NOT FOR CONSULTATION

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle *Haliaeetus leucocephalus* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Jan 1 to Aug 31
Belding's Savannah Sparrow *Passerculus sandwichensis beldingi* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/8	Breeds Apr 1 to Aug 15
Bullock's Oriole *Icterus bullockii* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA	Breeds Mar 21 to Jul 25
California Gull *Larus californicus* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 1 to Jul 31
Common Yellowthroat *Geothlypis trichas sinuosa* This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA https://ecos.fws.gov/ecp/species/2084	Breeds May 20 to Jul 31
Golden Eagle *Aquila chrysaetos* This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities. https://ecos.fws.gov/ecp/species/1680	Breeds Jan 1 to Aug 31
Lawrence's Goldfinch *Carduelis lawrencei* This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska. https://ecos.fws.gov/ecp/species/9464	Breeds Mar 20 to Sep 20

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Long-eared Owl asio otus — Breeds Mar 1 to Jul 15
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/3631

Nuttall's Woodpecker Picoides nuttallii — Breeds Apr 1 to Jul 20
This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA
https://ecos.fws.gov/ecp/species/9410

Oak Titmouse Baeolophus inornatus — Breeds Mar 15 to Jul 15
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9656

Olive-sided Flycatcher Contopus cooperi — Breeds May 20 to Aug 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/3914

Short-billed Dowitcher Limnodromus griseus — Breeds elsewhere
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9480

Tricolored Blackbird Agelaius tricolor — Breeds Mar 15 to Aug 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/3910

Wrentit Chamaea fasciata — Breeds Mar 15 to Aug 10
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.

Yellow-billed Magpie Pica nuttalli — Breeds Apr 1 to Jul 31
This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.
https://ecos.fws.gov/ecp/species/9726

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Probability of Presence Summary

The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for that week. For example, if in week 12 there were 20 survey events and the Spotted Towhee was found in 5 of them, the probability of presence of the Spotted Towhee in week 12 is 0.25.
2. To properly present the pattern of presence across the year, the relative probability of presence is calculated. This is the probability of presence divided by the maximum probability of presence across all weeks. For example, imagine the probability of presence in week 20 for the Spotted Towhee is 0.05, and that the probability of presence at week 12 (0.25) is the maximum of any week of the year. The relative probability of presence on week 12 is 0.25/0.25 = 1; at week 20 it is 0.05/0.25 = 0.2.
3. The relative probability of presence calculated in the previous step undergoes a statistical conversion so that all possible values fall between 0 and 10, inclusive. This is the probability of presence score.

To see a bar's probability of presence score, simply hover your mouse cursor over the bar.

Breeding Season (■)
Yellow bars denote a very liberal estimate of the time-frame inside which the bird breeds across its entire range. If there are no yellow bars shown for a bird, it does not breed in your project area.

Survey Effort (|)
Vertical black lines superimposed on probability of presence bars indicate the number of surveys performed for that species in the 10km grid cell(s) your project area overlaps. The number of surveys is expressed as a range, for example, 33 to 64 surveys.

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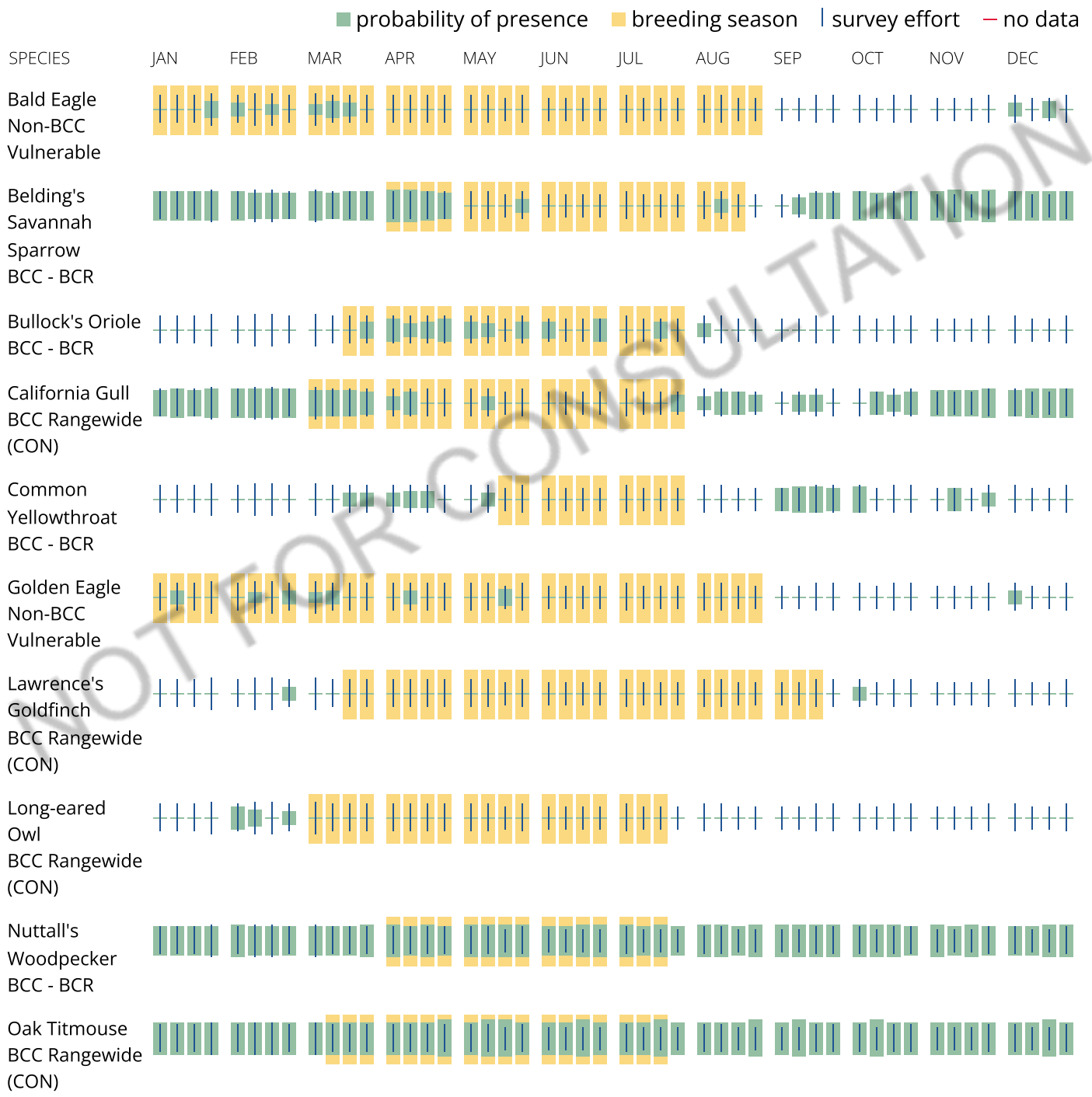
To see a bar's survey effort range, simply hover your mouse cursor over the bar.

No Data (–)

A week is marked as having no data if there were no survey events for that week.

Survey Timeframe

Surveys from only the last 10 years are used in order to ensure delivery of currently relevant information. The exception to this is areas off the Atlantic coast, where bird returns are based on all years of available data, since data in these areas is currently much more sparse.



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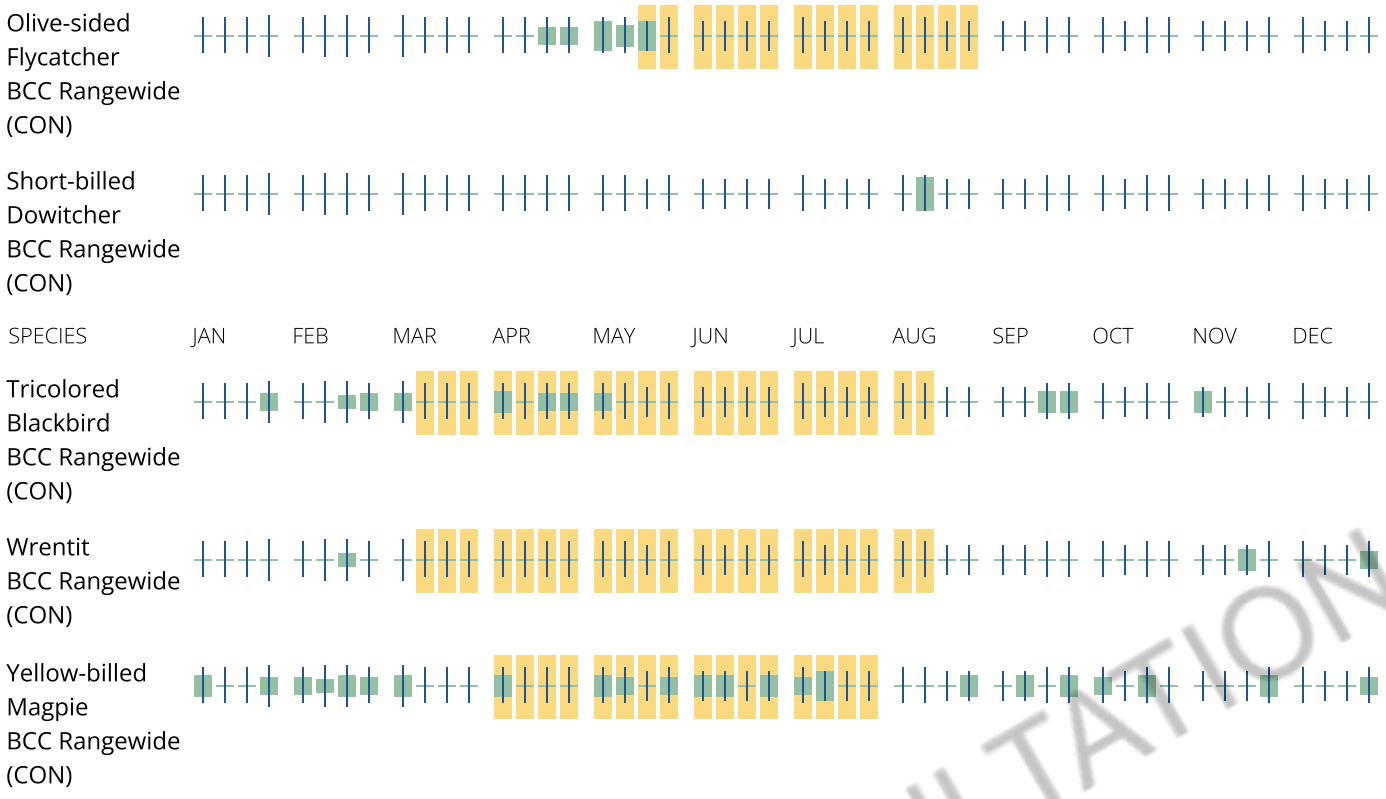

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Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

Nationwide Conservation Measures describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. Additional measures or permits may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS Birds of Conservation Concern (BCC) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the Avian Knowledge Network (AKN). The AKN data is based on a growing collection of survey, banding, and citizen science datasets and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle (Eagle Act requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the Rapid Avian Information Locator (RAIL) Tool.

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the Avian Knowledge Network (AKN). This data is derived from a growing collection of survey, banding, and citizen science datasets.

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the RAIL Tool and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are Birds of Conservation Concern (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the Eagle Act requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the Northeast Ocean Data Portal. The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the Diving Bird Study and the nanotag studies or contact

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Caleb Spiegel or Pam Loring.

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to obtain a permit to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

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Facilities

National Wildlife Refuge lands

Any activity proposed on lands managed by the National Wildlife Refuge system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuge lands at this location.

Fish hatcheries

There are no fish hatcheries at this location.

Wetlands in the National Wetlands Inventory (NWI)

Impacts to NWI wetlands and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

Wetland information is not available at this time

This can happen when the National Wetlands Inventory (NWI) map service is unavailable, or for very large projects that intersect many wetland areas. Try again, or visit the NWI map to view wetlands at this location.

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Data limitations

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

Data exclusions

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tuberficid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

Data precautions

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local

government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

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APPENDIX D
ENVIRONMENTAL DATABASE INFORMATION

DATABASE REPORT

Project Property:	*M4 Properties* *1001-1601 Winding Creek Road* *Roseville CA*
Project No:	*NB237172*
Report Type:	*Database Report*
Order No:	*23032200414*
Requested by:	*Terracon Consultants, Inc.*
Date Completed:	*March 22, 2023*

Environmental Risk Information Services
A division of Glacier Media Inc.
1.866.517.5204 | info@erisinfo.com | erisinfo.com

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Executive Summary

Property Information:

Project Property:	*M4 Properties* *1001-1601 Winding Creek Road Roseville CA*
Project No:	*NB237172*

Coordinates:

Latitude:	*38.80264045*
Longitude:	*-121.31177968*
UTM Northing:	*4,296,229.34*
UTM Easting:	*646,595.80*
UTM Zone:	*UTM Zone 10S*

Elevation:	*112 FT*

Order Information:

Order No:	*23032200414*
Date Requested:	*March 22, 2023*
Requested by:	*Terracon Consultants, Inc.*
Report Type:	*Database Report*

Historicals/Products:

Aerial Photographs	*Historical Aerials (with Project Boundaries)*
City Directory Search	*CD - 2 Street Search*
ERIS Xplorer	*ERIS Xplorer*
Excel Add-On	*Excel Add-On*
Fire Insurance Maps	*US Fire Insurance Maps*
Physical Setting Report (PSR)	*Physical Setting Report (PSR)*
Topographic Map	*Topographic Maps*
terraDOCS Report	*terraDOCS (Terracon)*

Executive Summary: Report Summary

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
Standard Environmental Records								
Federal								
DOE FUSRAP	Y	1	0	0	0	0	0	0
NPL	Y	1	0	0	0	0	0	0
PROPOSED NPL	Y	1	0	0	0	0	0	0
DELETED NPL	Y	0.5	0	0	0	0	-	0
SEMS	Y	0.5	0	0	0	0	-	0
ODI	Y	0.5	0	0	0	0	-	0
SEMS ARCHIVE	Y	0.5	0	0	0	0	-	0
CERCLIS	Y	0.5	0	0	0	0	-	0
IODI	Y	0.5	0	0	0	0	-	0
CERCLIS NFRAP	Y	0.5	0	0	0	0	-	0
CERCLIS LIENS	Y	PO	0	-	-	-	-	0
RCRA CORRACTS	Y	1	0	0	0	0	0	0
RCRA TSD	Y	0.5	0	0	**1**	0	-	**1**
RCRA LQG	Y	0.25	0	0	0	-	-	0
RCRA SQG	Y	0.25	0	**1**	**2**	-	-	**3**
RCRA VSQG	Y	0.25	0	0	0	-	-	0
RCRA NON GEN	Y	0.25	0	**9**	**13**	-	-	**22**
RCRA CONTROLS	Y	0.5	0	0	0	0	-	0
FED ENG	Y	0.5	0	0	0	0	-	0
FED INST	Y	0.5	0	0	0	0	-	0
LUCIS	Y	0.5	0	0	0	0	-	0
NPL IC	Y	0.5	0	0	0	0	-	0
ERNS 1982 TO 1986	Y	PO	0	-	-	-	-	0
ERNS 1987 TO 1989	Y	PO	0	-	-	-	-	0
ERNS	Y	PO	0	-	-	-	-	0
FED BROWNFIELDS	Y	0.5	0	0	0	0	-	0
FEMA UST	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FRP	Y	0.25	0	0	0	-	-	0
DELISTED FRP	Y	0.25	0	0	0	-	-	0
HIST GAS STATIONS	Y	0.25	0	0	0	-	-	0
REFN	Y	0.25	0	0	0	-	-	0
BULK TERMINAL	Y	0.25	0	0	0	-	-	0
SEMS LIEN	Y	PO	0	-	-	-	-	0
SUPERFUND ROD	Y	1	0	0	0	0	0	0
State								
RESPONSE	Y	1	0	0	0	0	0	0
ENVIROSTOR	Y	1	0	0	0	0	**2**	**2**
DELISTED ENVS	Y	1	0	0	0	0	0	0
SWF/LF	Y	0.5	0	**1**	0	**2**	-	**3**
SWRCB SWF	Y	0.5	0	0	0	0	-	0
WMUD	Y	0.5	0	0	0	**1**	-	**1**
HWP	Y	1	0	0	0	0	0	0
SWAT	Y	0.5	0	0	0	0	-	0
C&D DEBRIS RECY	Y	0.5	0	0	**1**	**1**	-	**2**
RECYCLING	Y	0.5	0	0	0	0	-	0
PROCESSORS	Y	0.5	0	0	0	0	-	0
CONTAINER RECY	Y	0.5	0	0	0	0	-	0
LDS	Y	0.5	0	0	0	**1**	-	**1**
LUST	Y	0.5	0	0	0	**1**	-	**1**
DELISTED LST	Y	0.5	0	0	0	0	-	0
UST	Y	0.25	0	0	**1**	-	-	**1**
UST CLOSURE	Y	0.5	0	0	0	0	-	0
HHSS	Y	0.25	0	0	0	-	-	0
UST SWEEPS	Y	0.25	0	0	0	-	-	0
AST	Y	0.25	0	**1**	**4**	-	-	**5**
AST SWRCB	Y	0.25	0	0	0	-	-	0
TANK OIL GAS	Y	0.25	0	0	0	-	-	0
DELISTED TNK	Y	0.25	0	0	0	-	-	0
CERS TANK	Y	0.25	0	0	**3**	-	-	**3**
DELISTED CTNK	Y	0.25	0	0	**1**	-	-	**1**
HIST TANK	Y	0.25	0	0	0	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
LUR	Y	0.5	0	0	0	0	-	0
CALSITES	Y	0.5	0	0	**1**	0	-	**1**
HLUR	Y	0.5	0	0	0	0	-	0
DEED	Y	0.5	0	0	0	0	-	0
VCP	Y	0.5	0	0	0	0	-	0
CLEANUP SITES	Y	0.5	0	0	0	0	-	0
DELISTED CLEANUP	Y	0.5	0	0	0	0	-	0
DELISTED COUNTY	Y	0.25	0	**5**	0	-	-	**5**
Tribal								
INDIAN LUST	Y	0.5	0	0	0	0	-	0
INDIAN UST	Y	0.25	0	0	0	-	-	0
DELISTED INDIAN LST	Y	0.5	0	0	0	0	-	0
DELISTED INDIAN UST	Y	0.25	0	0	0	-	-	0
County								
SML PLACER	Y	0.5	0	0	0	**1**	-	**1**
CUPA PLACER	Y	0.25	0	0	**11**	-	-	**11**
CUPA ROSEVILLE	Y	0.25	0	**91**	**47**	-	-	**138**
Additional Environmental Records								
Federal								
FINDS/FRS	Y	PO	0	**6**	-	-	-	**6**
TRIS	Y	PO	0	-	-	-	-	0
PFAS NPL	Y	0.5	0	0	0	0	-	0
PFAS FED SITES	Y	0.5	0	0	0	0	-	0
PFAS SSEHRI	Y	0.5	0	0	0	0	-	0
ERNS PFAS	Y	0.5	0	0	0	0	-	0
PFAS NPDES	Y	0.5	0	0	0	0	-	0
PFAS TRI	Y	0.5	0	0	0	0	-	0
PFAS WATER	Y	0.5	0	0	0	0	-	0
PFAS TSCA	Y	0.5	0	0	0	0	-	0
HMIRS	Y	0.125	0	0	-	-	-	0
NCDL	Y	0.125	0	0	-	-	-	0
TSCA	Y	0.125	0	0	-	-	-	0
HIST TSCA	Y	0.125	0	0	-	-	-	0
FTTS ADMIN	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
FTTS INSP	Y	PO	0	-	-	-	-	0
PRP	Y	PO	0	-	-	-	-	0
SCRD DRYCLEANER	Y	0.5	0	0	0	0	-	0
ICIS	Y	PO	0	-	-	-	-	0
FED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED FED DRY	Y	0.25	0	0	0	-	-	0
FUDS	Y	1	0	0	0	0	0	0
FORMER NIKE	Y	1	0	0	0	0	0	0
PIPELINE INCIDENT	Y	PO	0	-	-	-	-	0
MLTS	Y	PO	0	-	-	-	-	0
HIST MLTS	Y	PO	0	-	-	-	-	0
MINES	Y	0.25	0	0	0	-	-	0
SMCRA	Y	1	0	0	0	0	0	0
MRDS	Y	1	0	0	0	0	0	0
LM SITES	Y	1	0	0	0	0	0	0
ALT FUELS	Y	0.25	0	0	**1**	-	-	**1**
CONSENT DECREES	Y	0.25	0	0	0	-	-	0
AFS	Y	PO	0	-	-	-	-	0
SSTS	Y	0.25	0	0	0	-	-	0
PCBT	Y	0.5	0	0	0	0	-	0
PCB	Y	0.5	0	0	0	0	-	0
State								
DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DELISTED DRYCLEANERS	Y	0.25	0	0	0	-	-	0
DRYC GRANT	Y	0.25	0	0	0	-	-	0
PFAS	Y	0.5	0	0	0	0	-	0
PFAS GW	Y	0.5	0	0	0	0	-	0
HWSS CLEANUP	Y	0.5	0	0	0	0	-	0
TOXIC PITS	Y	1	0	0	0	0	0	0
DTSC HWF	Y	0.5	0	0	0	0	-	0
INSP COMP ENF	Y	1	0	0	0	0	0	0
SCH	Y	1	0	0	0	0	**1**	**1**
CHMIRS	Y	PO	0	-	-	-	-	0
HIST CHMIRS	Y	PO	0	-	-	-	-	0
HAZNET	Y	PO	0	-	-	-	-	0

Database	Searched	Search Radius	Project Property	Within 0.12mi	0.125mi to 0.25mi	0.25mi to 0.50mi	0.50mi to 1.00mi	Total
HAZ GEN	Y	PO	0	-	-	-	-	0
HAZ TSD	Y	0.5	0	0	0	0	-	0
HIST MANIFEST	Y	PO	0	-	-	-	-	0
HW TRANSPORT	Y	0.125	0	0	-	-	-	0
WASTE TIRE	Y	PO	0	-	-	-	-	0
MEDICAL WASTE	Y	0.25	0	0	0	-	-	0
HIST CORTESE	Y	0.5	0	0	0	0	-	0
CDO/CAO	Y	0.5	0	0	0	0	-	0
CERS HAZ	Y	0.125	0	**7**	-	-	-	**7**
DELISTED HAZ	Y	0.5	0	0	**1**	**1**	-	**2**
GEOTRACKER	Y	0.125	0	0	-	-	-	0
MINE	Y	1	0	0	0	0	0	0
LIEN	Y	PO	0	-	-	-	-	0
WASTE DISCHG	Y	0.25	0	0	0	-	-	0
EMISSIONS	Y	0.25	0	**8**	**11**	-	-	**19**
CDL	Y	0.125	0	0	-	-	-	0

Tribal ***No Tribal additional environmental record sources available for this State.***

County

Total:	*0*	***129***	***98***	***8***	***3***	***238***

**** PO – Property Only***
**** 'Property and adjoining properties' database search radii are set at 0.25 miles.***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
1	DELISTED COUNTY	Patriot Machining Manufacturing	1010 Winding Creek WY, SUITE 150 CA	S	0.00 / 23.14	13	56
2	FINDS/FRS	ALTAQUIP	1010 WINDING CREEK RD STE 190 ROSEVILLE CA 95678 ***Registry ID:*** 110065989498	S	0.01 / 34.05	12	56
2	FINDS/FRS	INDEPENDENCE PRECISION MACHINING LLC	1010 WINDING CREEK RD STE 150 ROSEVILLE CA 95678 ***Registry ID:*** 110070419963	S	0.01 / 34.05	12	56
3	FINDS/FRS	SIERRA ENERGY	1020 WINDING CREEK ROAD ROSEVILLE CA 95678 ***Registry ID:*** 110030906740	S	0.01 / 44.00	12	57
3	FINDS/FRS	UNIVERSAL PLASTICS, INC.	1020 WINDING CREEK RD STE 130 ROSEVILLE CA 95678 ***Registry ID:*** 110055761723	S	0.01 / 44.00	12	58
3	FINDS/FRS	ENVIRONMENTAL ENGINEERING CONSULTING & REMEDIATION INC DBA E2C REMEDIATION	1020 WINDING CREEK RD STE 100 ROSEVILLE CA 95678 ***Registry ID:*** 110066194923	S	0.01 / 44.00	12	58
3	FINDS/FRS	INTERNATIONAL GAME TECHNOLOGY	1020 WINDING CREEK RD STE 120 ROSEVILLE CA 95678-7042 ***Registry ID:*** 110070474404	S	0.01 / 44.00	12	59
4	EMISSIONS	UNION PACIFIC RAILROAD - FOOTH	10031 FOOTHILLS BLVD ROSEVILLE CA 95747	WSW	0.04 / 194.05	4	60
4	EMISSIONS	UNION PACIFIC RAILROAD - FOOTHILLS	10031 FOOTHILLS BLVD ROSEVILLE CA 95747	WSW	0.04 / 194.05	4	63
4	RCRA NON GEN	UNION PACIFIC	10031 FOOTHILL BLVD ROSEVILLE CA 95747 ***EPA Handler ID:*** CAP000007006	WSW	0.04 / 194.05	4	64
5	DELISTED COUNTY	Altaquip	1010 WINDING CREEK RD CA	S	0.04 / 198.49	9	65

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
5	CERS HAZ	Patriot Machining and Fabrication LLC	1010 WINDING CREEK RD STE 150 ROSEVILLE CA 95678	S	0.04 / 198.49	9	66
5	CUPA ROSEVILLE	Independence Precision Machining LLC	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	9	70
5	CUPA ROSEVILLE	Altaquip	1010 WINDING CREEK RD CA	S	0.04 / 198.49	9	71
5	CERS HAZ	Lennox Store A551	1010 WINDING CREEK RD STE 100 ROSEVILLE CA 95678	S	0.04 / 198.49	9	71
5	CUPA ROSEVILLE	Altaquip	1010 WINDING CREEK RD CA	S	0.04 / 198.49	9	73
5	CUPA ROSEVILLE	Patriot Machining Manufacturing	1010 Winding Creek Suite 150 RD, SUITE 150 CA	S	0.04 / 198.49	9	74
5	CUPA ROSEVILLE	Patriot Machining Manufacturing	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	9	74
5	CUPA ROSEVILLE	Independence Precision Machining LLC	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	9	75
5	CUPA ROSEVILLE	Altaquip	1010 WINDING CREEK RD CA	S	0.04 / 198.49	9	75
5	CUPA ROSEVILLE	Altaquip	1010 WINDING CREEK RD CA	S	0.04 / 198.49	9	76
5	CUPA ROSEVILLE	Lennox Store	1010 WINDING CREEK RD, STE 100 CA	S	0.04 / 198.49	9	76
5	RCRA NON GEN	ALTAQUIP	1010 WINDING CREEK RD STE 190 ROSEVILLE CA 95678 ***EPA Handler ID:*** CAL000404396	S	0.04 / 198.49	9	77
5	RCRA NON GEN	INDEPENDENCE PRECISION MACHINING LLC	1010 WINDING CREEK RD STE 150 ROSEVILLE CA 95678	S	0.04 / 198.49	9	78

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAL000410782				
5	CUPA ROSEVILLE	Lennox Store	1010 WINDING CREEK RD, STE 100 CA	S	0.04 / 198.49	9	79
5	CUPA ROSEVILLE	Independence Precision Machining LLC	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	9	79
5	CUPA ROSEVILLE	Independence Precision Machining LLC	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	9	80
5	CUPA ROSEVILLE	Lennox Store	1010 WINDING CREEK RD, STE 100 CA	S	0.04 / 198.49	9	80
5	CUPA ROSEVILLE	Independence Precision Machining LLC	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	9	81
5	CUPA ROSEVILLE	Lennox Store	1010 WINDING CREEK RD, STE 100 CA	S	0.04 / 198.49	9	81
6	DELISTED COUNTY	Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	81
6	DELISTED COUNTY	E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	82
6	CERS HAZ	Universal Plastics, Inc.	1020 WINDING CREEK RD STE 130 ROSEVILLE CA 95678	SSE	0.04 / 201.62	5	82
6	CUPA ROSEVILLE	Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	85
6	CUPA ROSEVILLE	E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	86
6	CUPA ROSEVILLE	E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	87
6	CUPA ROSEVILLE	Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	87

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
6	CUPA ROSEVILLE	E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	87
6	CUPA ROSEVILLE	E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	88
6	CUPA ROSEVILLE	Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	89
6	CUPA ROSEVILLE	Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	89
6	CUPA ROSEVILLE	Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	89
6	CUPA ROSEVILLE	E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	90
6	RCRA NON GEN	ENVIRONMENTAL ENGINEERING CONSULTING & REMEDIATION INC DBA E2C REMEDIATION	1020 WINDING CREEK RD STE 100 ROSEVILLE CA 95678 ***EPA Handler ID:*** CAL000399624	SSE	0.04 / 201.62	5	90
6	RCRA NON GEN	INTERNATIONAL GAME TECHNOLOGY	1020 WINDING CREEK RD STE 120 ROSEVILLE CA 95678-7042 ***EPA Handler ID:*** CAL000344157	SSE	0.04 / 201.62	5	91
6	CUPA ROSEVILLE	E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	93
6	CUPA ROSEVILLE	Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	94
6	CUPA ROSEVILLE	Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	94
6	CUPA ROSEVILLE	Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	5	94
7	CUPA ROSEVILLE	Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	-1	95

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
7	CUPA ROSEVILLE	Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	-1	95
7	CUPA ROSEVILLE	Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	-1	96
7	CUPA ROSEVILLE	Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	-1	96
7	CUPA ROSEVILLE	Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	-1	96
7	CUPA ROSEVILLE	Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	-1	97
7	CUPA ROSEVILLE	Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	-1	97
8	CUPA ROSEVILLE	Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	-3	97
8	CUPA ROSEVILLE	Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	-3	98
8	CUPA ROSEVILLE	Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	-3	98
8	CUPA ROSEVILLE	Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	-3	98
8	CUPA ROSEVILLE	Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	-3	99
8	CUPA ROSEVILLE	Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	-3	99

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
8	CUPA ROSEVILLE	Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	-3	99
9	EMISSIONS	TOP NOTCH AUTO BODY	10640 INDUSTRIAL AVE ROSEVILLE CA 95678	E	0.06 / 338.28	-6	100
9	EMISSIONS	TOP NOTCH AUTO BODY	10640 INDUSTRIAL AVE ROSEVILLE CA 95747	E	0.06 / 338.28	-6	101
9	CUPA ROSEVILLE	Top Notch Auto Body	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	-6	103
9	CUPA ROSEVILLE	Top Notch Auto Body	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	-6	103
9	CUPA ROSEVILLE	Top Notch Auto Body	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	-6	103
9	CUPA ROSEVILLE	Caliber Collision	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	-6	104
9	CUPA ROSEVILLE	Top Notch Auto Body	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	-6	104
9	CUPA ROSEVILLE	Caliber Collision	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	-6	104
9	CUPA ROSEVILLE	Top Notch Auto Body	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	-6	105
9	CUPA ROSEVILLE	Caliber Collision	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	-6	105
9	CUPA ROSEVILLE	Caliber Collision	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	-6	105
9	CUPA ROSEVILLE	Caliber Collision	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	-6	106
10	CERS HAZ	PASCO scientific	10101 FOOTHILLS BLVD ROSEVILLE CA 95747	W	0.08 / 447.49	-3	106

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
10	RCRA NON GEN	PASCO SCIENTIFIC	10101 FOOTHILLS BLVD ROSEVILLE CA 95747-7100 **EPA Handler ID:** CAL000048864	W	0.08 / 447.49	-3	111
11	CUPA ROSEVILLE	PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	6	112
11	CUPA ROSEVILLE	PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	6	113
11	CUPA ROSEVILLE	PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	6	113
11	CUPA ROSEVILLE	PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	6	114
11	CUPA ROSEVILLE	PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	6	114
11	CUPA ROSEVILLE	PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	6	114
11	CUPA ROSEVILLE	PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	6	115
11	CUPA ROSEVILLE	PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	6	115
12	CERS HAZ	PRIDE Industries	10030 FOOTHILLS BLVD ROSEVILLE CA 95747	WSW	0.09 / 474.99	0	116
12	EMISSIONS	PRIDE INDUSTRIES, INC.	10030 FOOTHILLS BLVD. ROSEVILLE CA 95747	WSW	0.09 / 474.99	0	121
12	RCRA NON GEN	PRIDE INDUSTRIES	10030 FOOTHILLS BLVD ROSEVILLE CA 95747-0000 **EPA Handler ID:** CAL000153772	WSW	0.09 / 474.99	0	126
13	RCRA NON GEN	ODYSSEY AUTOMOTIVE	10556 INDUSTRIAL AVE ROSEVILLE CA 95648 **EPA Handler ID:** CAL000434848	ESE	0.09 / 489.86	-1	127

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
14	SWF/LF	Sunset Septage Lagoons	South End Of Cincinatti Ave Rocklin CA 95765	N	0.10 / 503.12	-4	128
15	RCRA SQG	AGILENT TECHNOLOGIES	10050 FOOTHILLS BLVD ROSEVILLE CA 95747 ***EPA Handler ID:*** CAR000076687	W	0.10 / 518.34	-4	129
15	CERS HAZ	Keysight Technologies (Roseville, CA)	10050 FOOTHILLS BLVD ROSEVILLE CA 95747	W	0.10 / 518.34	-4	131
15	EMISSIONS	KEYSIGHT TECHNOLOGIES	10050 FOOTHILLS BLVD ROSEVILLE CA 95747	W	0.10 / 518.34	-4	136
15	EMISSIONS	AGILENT TECHNOLOGIES	10050 FOOTHILLS BLVD ROSEVILLE CA 95747	W	0.10 / 518.34	-4	139
16	CUPA ROSEVILLE	Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	-4	141
16	CUPA ROSEVILLE	Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	-4	142
16	CUPA ROSEVILLE	Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	-4	143
16	CUPA ROSEVILLE	Agilent Technologies	10050 FOOTHILLS BL CA	W	0.10 / 529.03	-4	143
16	CUPA ROSEVILLE	Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	-4	143
16	CUPA ROSEVILLE	Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	-4	144
16	CUPA ROSEVILLE	Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	-4	144
16	CUPA ROSEVILLE	Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	-4	145

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
16	CUPA ROSEVILLE	Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	-4	145
16	CUPA ROSEVILLE	Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	-4	146
17	CUPA ROSEVILLE	Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	1	146
17	CUPA ROSEVILLE	Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	1	147
17	CUPA ROSEVILLE	Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	1	147
17	CUPA ROSEVILLE	Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	1	148
17	CUPA ROSEVILLE	Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	1	148
17	CUPA ROSEVILLE	Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	1	149
17	CUPA ROSEVILLE	Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	1	150
17	CUPA ROSEVILLE	Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	1	150
18	AST	Hertz Equipment Rental	10680 INDUSTRIAL AV. ROSEVILLE CA 95678	ENE	0.11 / 560.64	-5	151
18	EMISSIONS	HERTZ CORPORATION	10680 INDUSTRIAL AVE ROSEVILLE CA 95678	ENE	0.11 / 560.64	-5	151
18	CUPA ROSEVILLE	Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	-5	154

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
18	CUPA ROSEVILLE	Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	-5	155
18	DELISTED COUNTY	Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	-5	157
18	CUPA ROSEVILLE	Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	-5	157
18	CUPA ROSEVILLE	Hertz Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	-5	160
18	CUPA ROSEVILLE	Hertz Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	-5	160
18	CUPA ROSEVILLE	Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	-5	161
18	CUPA ROSEVILLE	Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	-5	161
18	CUPA ROSEVILLE	Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	-5	163
19	CERS HAZ	Wilson Sporting Goods dba Louisville Slugger Innovations	10560 INDUSTRIAL AVE STE 150 ROSEVILLE CA 95678	ESE	0.11 / 582.82	-2	163
19	CUPA ROSEVILLE	Wilson Sporting Goods/Louisville Slugger Innovations	10560 INDUSTRIAL AV, STE 150 CA	ESE	0.11 / 582.82	-2	165
19	CUPA ROSEVILLE	Wilson Sporting Goods/Louisville Slugger Innovations	10560 INDUSTRIAL AV, STE 150 CA	ESE	0.11 / 582.82	-2	166
19	CUPA ROSEVILLE	Wilson Sporting Goods/Louisville Slugger Innovations	10560 INDUSTRIAL AV, STE 150 CA	ESE	0.11 / 582.82	-2	166
19	RCRA NON GEN	WILSON SPORTING GOODS CO	10560 INDUSTRIAL AVE STE 150 ROSEVILLE CA 95678	ESE	0.11 / 582.82	-2	167

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
			EPA Handler ID: CAL000448961				
19	CUPA ROSEVILLE	Wilson Sporting Goods/Louisville Slugger Innovations	10560 INDUSTRIAL AV, STE 150 CA	ESE	0.11 / 582.82	-2	168
20	CALSITES	PLACER COUNTY INDUSTRIAL TREATMENT PONDS	SOUTH END OF CINCINNATI AVE ROCKLIN CA 95677	N	0.14 / 764.79	-1	168
21	CUPA PLACER	TEICHERT LINCOLN CONSTRUCTION DIST	4401 DULUTH AVE ROCKLIN CA 95765	WNW	0.17 / 909.30	10	169
21	CERS TANK	Lincoln Construction	4401 DULUTH AVE ROSEVILLE CA 95678 ***Site ID:*** 44511	WNW	0.17 / 909.30	10	169
21	CUPA ROSEVILLE	Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	10	178
21	CUPA ROSEVILLE	Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	10	178
21	CUPA ROSEVILLE	Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	10	179
21	CUPA ROSEVILLE	Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	10	179
21	CUPA ROSEVILLE	Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	10	179
21	RCRA NON GEN	A TEICHERT & SON INC	4401 DULUTH AVE ROSEVILLE CA 95678-5999 ***EPA Handler ID:*** CAL000351938	WNW	0.17 / 909.30	10	180
21	CUPA ROSEVILLE	Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	10	181
21	RCRA SQG	A TEICHERT AND SON INC	4401 DULUTH AVE ROSEVILLE CA 95678 ***EPA Handler ID:*** CAR000222984	WNW	0.17 / 909.30	10	181
21	CUPA ROSEVILLE	Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	10	183

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
21	CUPA ROSEVILLE	Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	10	183
22	CUPA PLACER	AT&T MOBILITY (WEST ROCKLIN) CLOSED	10300 INDUSTRIAL AVE ROSEVILLE CA 95678	SE	0.17 / 910.09	15	184
22	CUPA ROSEVILLE	AT&T Mobility	10300 INDUSTRIAL AV CA	SE	0.17 / 910.09	15	184
22	CUPA ROSEVILLE	AT&T Mobility	10300 Industrial AV CA	SE	0.17 / 910.09	15	184
22	CUPA ROSEVILLE	AT&T Mobility	10300 Industrial AV CA	SE	0.17 / 910.09	15	185
22	CUPA ROSEVILLE	AT&T Mobility	10300 Industrial AV CA	SE	0.17 / 910.09	15	185
22	CUPA ROSEVILLE	AT&T Mobility	10300 INDUSTRIAL AV CA	SE	0.17 / 910.09	15	185
22	CUPA ROSEVILLE	AT&T Mobility	10300 INDUSTRIAL AV CA	SE	0.17 / 910.09	15	185
22	CUPA ROSEVILLE	AT&T Mobility	10300 INDUSTRIAL AV CA	SE	0.17 / 910.09	15	186
22	CUPA ROSEVILLE	AT&T Mobility	10300 INDUSTRIAL AV CA	SE	0.17 / 910.09	15	186
23	RCRA NON GEN	SWISS-TECH MACHINING LLC	10564 INDUSTRIAL AVE STE 130 ROSEVILLE CA 95678 ***EPA Handler ID:*** CAL000377837	ESE	0.19 / 990.67	0	186
24	CUPA PLACER	LAKESIDE MARINE LLC	4205 CINCINNATI AVE #200 ROCKLIN CA 95765	N	0.21 / 1,086.55	0	187
24	RCRA NON GEN	CAMBLIN STEEL SERVICE	4205 CINCINNATI AVE ROCKLIN CA 95765 ***EPA Handler ID:*** CAL000441135	N	0.21 / 1,086.55	0	188

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
25	CUPA PLACER	AMERICAN ENGINEERING & ASPHALT INC	4175 CINCINNATI AVE ROCKLIN CA 95765	N	0.21 / 1,114.67	0	189
25	CUPA PLACER	QUALITY TELECOM CONSULTANTS	4175 CINCINNATI AVE ROCKLIN CA 95765	N	0.21 / 1,114.67	0	189
25	DELISTED CTNK	Camblin Steel Service, Inc.	4175 CINCINNATI AVE ROCKLIN CA 95765	N	0.21 / 1,114.67	0	190
25	C&D DEBRIS RECY	AMERICAN ENGINEERING & ASPHALT, INC.	4175 CINCINNATI AVE ROCKLIN CA 95765	N	0.21 / 1,114.67	0	190
25	RCRA NON GEN	QUALITY TECHNIQUES ENGINEERING AND CONSTRUCTION (QTC)	4175 CINCINNATI AVE ROCKLIN CA 95765 ***EPA Handler ID:*** CAL000459301	N	0.21 / 1,114.67	0	190
26	CUPA PLACER	A TEICHERT & SON INC	4259 DULUTH AVE ROCKLIN CA 95765	NW	0.22 / 1,136.40	8	191
26	RCRA NON GEN	A TEICHERT AND SON INC	4259 DULUTH AVENUE ROCKLIN CA 95765 ***EPA Handler ID:*** CAR000196741	NW	0.22 / 1,136.40	8	192
26	DELISTED HAZ	A TEICHERT & SON INC	4259 DULUTH AVE ROCKLIN CA 95765	NW	0.22 / 1,136.40	8	193
27	CUPA PLACER	SAK CONSTRUCTION	4253 DULUTH AVE ROCKLIN CA 95765	NW	0.22 / 1,170.85	7	194
27	EMISSIONS	SAK CONSTRUCTION LLC	4253 DULUTH AVE ROCKLIN CA 95765	NW	0.22 / 1,170.85	7	194
27	EMISSIONS	PIPENOLOGY	4253 DULUTH AVE ROCKLIN CA 95765	NW	0.22 / 1,170.85	7	197
27	RCRA SQG	PIPENOLOGY INC	4253 DULUTH AVE ROCKLIN CA 95765 ***EPA Handler ID:*** CAR000202267	NW	0.22 / 1,170.85	7	199
28	AST	HOLT OF CALIFORNIA	10000 INDUSTRIAL AVE. ROSEVILLE CA 95678	SE	0.23 / 1,189.10	19	200

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
28	AST	HOLT OF CALIFORNIA	10000 INDUSTRIAL AVE. ROSEVILLE CA 95678	SE	0.23 / 1,189.10	19	200
28	CERS TANK	Holt of California, The CAT Rental Store	10000 INDUSTRIAL AVE ROSEVILLE CA 95678 ***Site ID:*** 394824	SE	0.23 / 1,189.10	19	200
28	CUPA ROSEVILLE	CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	19	210
28	CUPA ROSEVILLE	CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	19	211
28	CUPA ROSEVILLE	CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	19	212
28	CUPA ROSEVILLE	CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	19	212
28	CUPA ROSEVILLE	CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	19	213
28	RCRA NON GEN	HOLT OF CALIFORNIA	10000 INDUSTRIAL AVE ROSEVILLE CA 95678-0000 ***EPA Handler ID:*** CAL000171381	SE	0.23 / 1,189.10	19	213
28	CUPA ROSEVILLE	CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	19	214
28	CUPA ROSEVILLE	CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	19	216
28	CUPA ROSEVILLE	CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	19	217
29	RCRA NON GEN	CALIBER COLLISION CENTERS	10640 INDUSTRIAL AVE ROSEVILLE CA 95612 ***EPA Handler ID:*** CAL000430529	E	0.23 / 1,189.93	0	218
29	EMISSIONS	CALIBER COLLISION CENTER - INDUSTRIAL	10640 INDUSTRIAL AVE ROSEVILLE CA 95747	E	0.23 / 1,189.93	0	219

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
29	EMISSIONS	ALLSTAR POWDERCOATING	10632 INDUSTRIAL AVE., SUITE 140 ROSEVILLE CA 95678	E	0.23 / 1,189.93	0	221
30	AST	H.B. FULLER	10500 INDUSTRIAL ROSEVILLE CA 95678	ESE	0.23 / 1,190.23	6	221
30	AST	H.B. FULLER	10500 INDUSTRIAL ROSEVILLE CA 95678	ESE	0.23 / 1,190.23	6	221
31	CUPA PLACER	AMERICAN LANDSCAPE & CONCRETE CONTR	4235 DULUTH AVE ROCKLIN CA 95765	NW	0.23 / 1,199.30	6	221
32	CERS TANK	Roseville Mobil	1398 BLUE OAKS BLVD ROSEVILLE CA 95678 ***Site ID:*** 148996	SSW	0.23 / 1,219.14	5	221
32	UST	Roseville Mobil	1398 Blue Oaks Blvd Roseville CA 95678 ***Tank ID No. | Tank Status | Tank Closure Date:*** 1 | Confirmed/Updated Information | , 3 | Confirmed/Updated Information | , 2 | Confirmed/Updated Information |	SSW	0.23 / 1,219.14	5	235
32	EMISSIONS	GAWFCO USA	1398 BLUE OAKS BLVD ROSEVILLE CA 95747	SSW	0.23 / 1,219.14	5	237
32	CUPA ROSEVILLE	Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	5	241
32	CUPA ROSEVILLE	Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	5	242
32	CUPA ROSEVILLE	Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	5	243
32	CUPA ROSEVILLE	Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	5	243
32	CUPA ROSEVILLE	Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	5	244
32	RCRA NON GEN	GAWFCO ENTERPRISES INC DBA ROSEVILLE CIRCLE K	1398 BLUE OAKS BLVD ROSEVILLE CA 95678-7014 ***EPA Handler ID:*** CAL000286482	SSW	0.23 / 1,219.14	5	245

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
32	CUPA ROSEVILLE	Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	5	246
32	CUPA ROSEVILLE	Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	5	247
32	CUPA ROSEVILLE	Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	5	247
33	RCRA NON GEN	SUMMIT AIR WORKS INC.	4223 DULUTH AVE ROCKLIN CA 95765 ***EPA Handler ID:*** CAL000395906	NW	0.24 / 1,245.51	4	248
34	EMISSIONS	SUPERIOR COURT OF CALIFORNIA	10820 JUSTICE CENTER DR ROSEVILLE CA 95678	NE	0.24 / 1,249.44	7	249
34	EMISSIONS	SOUTH PLACER JUSTICE CENTER, JCC/AOC	10820 JUSTICE CENTER DR ROSEVILLE CA 95678	NE	0.24 / 1,249.44	7	251
34	CUPA ROSEVILLE	Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	7	254
34	CUPA ROSEVILLE	Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	7	254
34	CUPA ROSEVILLE	Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	7	254
34	CUPA ROSEVILLE	Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	7	255
34	CUPA ROSEVILLE	Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	7	255
34	CUPA ROSEVILLE	Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	7	255
34	CUPA ROSEVILLE	Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	7	256

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
35	CUPA PLACER	SACRAMENTO PRESTIGE GUNITE	4265 DULUTH AVE ROCKLIN CA 95765	NW	0.24 / 1,262.93	3	256
35	EMISSIONS	SACRAMENTO PRESTIGE GUNITE	4265 DULUTH AVENUE ROCKLIN CA 95765	NW	0.24 / 1,262.93	3	256
36	ALT FUELS	BoardTronics	1364 Blue Oaks Blvd Roseville CA 95678 ***ID:*** 51204	S	0.24 / 1,291.65	8	258
37	RCRA NON GEN	HB FULLER ROSEVILLE PLANT	10500 INDUSTRIAL AVE ROSEVILLE CA 95678-5902 ***EPA Handler ID:*** CAD983592700	ESE	0.24 / 1,293.00	1	258
37	EMISSIONS	H.B. FULLER COMPANY	10500 INDUSTRIAL AVENUE ROSEVILLE CA 95678	ESE	0.24 / 1,293.00	1	260
37	EMISSIONS	H.B.FULLER COMPANY	10500 INDUSTRIAL AVENUE ROSEVILLE CA 55164	ESE	0.24 / 1,293.00	1	264
37	EMISSIONS	H.B.FULLER COMPANY	10500 INDUSTRIAL AVENUE ROSEVILLE CA 95678	ESE	0.24 / 1,293.00	1	267
37	CUPA ROSEVILLE	H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	1	271
37	CUPA ROSEVILLE	H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	1	272
37	CUPA ROSEVILLE	H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	1	272
37	CUPA ROSEVILLE	H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	1	272
37	CUPA ROSEVILLE	H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	1	273
37	RCRA NON GEN	HB FULLER	10500 INDUSTRIAL AVE ROSEVILLE CA 95678-5902 ***EPA Handler ID:*** CAL000188268	ESE	0.24 / 1,293.00	1	275
37	CUPA ROSEVILLE	H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	1	276

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
37	CUPA ROSEVILLE	H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	1	276
37	CUPA ROSEVILLE	H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	1	278
38	CUPA PLACER	CAPITOL AIR SYSTEMS INC.	4220 DULUTH AVE STE A ROCKLIN CA 95765	NW	0.25 / 1,307.15	3	278
38	CUPA PLACER	AMERICAN RV SERVICE CENTER	4220 DULUTH AVE STE B ROCKLIN CA 95765	NW	0.25 / 1,307.15	3	278
38	RCRA TSD	AMERICAN RV SERVICE CENTER	4220 DULUTH AVE STE B ROCKLIN CA 95765-1400 ***EPA Handler ID:*** CAL000298771	NW	0.25 / 1,307.15	3	279
38	RCRA NON GEN	AMERICAN RV SERVICE CENTER	4220 DULUTH AVE STE B ROCKLIN CA 95765-1400 ***EPA Handler ID:*** CAL000298771	NW	0.25 / 1,307.15	3	280
38	RCRA NON GEN	FORTRESS NORTH AMERICA LLC	4220 DULUTH AVE STE A ROCKLIN CA 95765 ***EPA Handler ID:*** CAL000471786	NW	0.25 / 1,307.15	3	281
39	SWF/LF	Mallard Creek, Inc.	4095 Duluth Ave. Rocklin CA 95765	NW	0.31 / 1,614.65	7	282
39	LDS	MALLARD CREEK COMPOSTING FAC	4095 DULUTH ROCKLIN CA 95765	NW	0.31 / 1,614.65	7	283
39	SWF/LF	Mallard Creek, Inc	4095 Duluth Avenue Rocklin CA 95747	NW	0.31 / 1,614.65	7	284
39	C&D DEBRIS RECY	MALLARD CREEK, INC.	4095 DULUTH AVE ROCKLIN CA 95765	NW	0.31 / 1,614.65	7	286
39	WMUD	MALLARD CREEK COMPOSTING FAC	4095 DULUTH AVE ROCKLIN CA 95765	NW	0.31 / 1,614.65	7	286
40	DELISTED HAZ	Pacific Consolidated Incorporated	1043 NICHOLS DR, STE 200 ROCKLIN CA 95765	NNE	0.37 / 1,959.31	31	287

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Elev Diff (ft)	Page Number
41	LUST	REYNOLDS WEST COAST END PLANT	3939 CINCINNATI AVE ROCKLIN CA 95677	N	0.43 / 2,292.40	20	287
			***Global ID	Status Date	Status:*** T0606100003	7/14/2000	COMPLETED - CASE CLOSED				
41	SML PLACER	REYNOLDS METALS CO FACILITY CLOSED	3939 CINCINNATI AVE ROCKLIN CA 95765	N	0.43 / 2,292.40	20	290
42	ENVIROSTOR	HEWLETT-PACKARD CO. - ROSEVILLE	8000 FOOTHILLS BOULEVARD ROSEVILLE CA 95747	SSW	0.90 / 4,778.35	15	290
			***Estor/EPA ID	Cleanup Status:*** 71003536	INACTIVE - NEEDS EVALUATION AS OF						
43	SCH	NEW ROSEVILLE ES, HP SITE	WOODCREEK OAKS BLVD. ROSEVILLE CA 95747	SW	0.97 / 5,131.16	7	290
			***Estor/EPA ID	Cleanup Status:*** 60000202	NO ACTION REQUIRED AS OF 4/12/2006						
43	ENVIROSTOR	NEW ROSEVILLE ES, HP SITE	WOODCREEK OAKS BLVD. ROSEVILLE CA 95747	SW	0.97 / 5,131.16	7	291
			***Estor/EPA ID	Cleanup Status:*** 60000202	NO ACTION REQUIRED AS OF 4/12/2006						

Executive Summary: Summary by Data Source

Standard

Federal

RCRA TSD - RCRA non-CORRACTS TSD Facilities

A search of the RCRA TSD database, dated Jan 23, 2023 has found that there are 1 RCRA TSD site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
AMERICAN RV SERVICE CENTER	4220 DULUTH AVE STE B ROCKLIN CA 95765-1400 ***EPA Handler ID**: CAL000298771*	NW	0.25 / 1,307.15	38

RCRA SQG - RCRA Small Quantity Generators List

A search of the RCRA SQG database, dated Jan 23, 2023 has found that there are 3 RCRA SQG site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
A TEICHERT AND SON INC	4401 DULUTH AVE ROSEVILLE CA 95678 ***EPA Handler ID**: CAR000222984*	WNW	0.17 / 909.30	21
PIPENOLOGY INC	4253 DULUTH AVE ROCKLIN CA 95765 ***EPA Handler ID**: CAR000202267*	NW	0.22 / 1,170.85	27

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
AGILENT TECHNOLOGIES	10050 FOOTHILLS BLVD ROSEVILLE CA 95747 ***EPA Handler ID**: CAR000076687*	W	0.10 / 518.34	15

RCRA NON GEN - RCRA Non-Generators

A search of the RCRA NON GEN database, dated Jan 23, 2023 has found that there are 22 RCRA NON GEN site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION PACIFIC	10031 FOOTHILL BLVD ROSEVILLE CA 95747 ***EPA Handler ID**: CAP000007006*	WSW	0.04 / 194.05	4
ALTAQUIP	1010 WINDING CREEK RD STE 190 ROSEVILLE CA 95678 ***EPA Handler ID**: CAL000404396*	S	0.04 / 198.49	5

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
INDEPENDENCE PRECISION MACHINING LLC	1010 WINDING CREEK RD STE 150 ROSEVILLE CA 95678 ***EPA Handler ID**: CAL000410782*	S	0.04 / 198.49	5
ENVIRONMENTAL ENGINEERING CONSULTING & REMEDIATION INC DBA E2C REMEDIATION	1020 WINDING CREEK RD STE 100 ROSEVILLE CA 95678 ***EPA Handler ID**: CAL000399624*	SSE	0.04 / 201.62	6
INTERNATIONAL GAME TECHNOLOGY	1020 WINDING CREEK RD STE 120 ROSEVILLE CA 95678-7042 ***EPA Handler ID**: CAL000344157*	SSE	0.04 / 201.62	6
A TEICHERT & SON INC	4401 DULUTH AVE ROSEVILLE CA 95678-5999 ***EPA Handler ID**: CAL000351938*	WNW	0.17 / 909.30	21
A TEICHERT AND SON INC	4259 DULUTH AVENUE ROCKLIN CA 95765 ***EPA Handler ID**: CAR000196741*	NW	0.22 / 1,136.40	26
HOLT OF CALIFORNIA	10000 INDUSTRIAL AVE ROSEVILLE CA 95678-0000 ***EPA Handler ID**: CAL000171381*	SE	0.23 / 1,189.10	28
GAWFCO ENTERPRISES INC DBA ROSEVILLE CIRCLE K	1398 BLUE OAKS BLVD ROSEVILLE CA 95678-7014 ***EPA Handler ID**: CAL000286482*	SSW	0.23 / 1,219.14	32
SUMMIT AIR WORKS INC.	4223 DULUTH AVE ROCKLIN CA 95765 ***EPA Handler ID**: CAL000395906*	NW	0.24 / 1,245.51	33
HB FULLER ROSEVILLE PLANT	10500 INDUSTRIAL AVE ROSEVILLE CA 95678-5902 ***EPA Handler ID**: CAD983592700*	ESE	0.24 / 1,293.00	37
HB FULLER	10500 INDUSTRIAL AVE ROSEVILLE CA 95678-5902 ***EPA Handler ID**: CAL000188268*	ESE	0.24 / 1,293.00	37
AMERICAN RV SERVICE CENTER	4220 DULUTH AVE STE B ROCKLIN CA 95765-1400 ***EPA Handler ID**: CAL000298771*	NW	0.25 / 1,307.15	38
FORTRESS NORTH AMERICA LLC	4220 DULUTH AVE STE A ROCKLIN CA 95765 ***EPA Handler ID**: CAL000471786*	NW	0.25 / 1,307.15	38

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PASCO SCIENTIFIC	10101 FOOTHILLS BLVD ROSEVILLE CA 95747-7100	W	0.08 / 447.49	10
	***EPA Handler ID**: CAL000048864*			
PRIDE INDUSTRIES	10030 FOOTHILLS BLVD ROSEVILLE CA 95747-0000	WSW	0.09 / 474.99	12
	***EPA Handler ID**: CAL000153772*			
ODYSSEY AUTOMOTIVE	10556 INDUSTRIAL AVE ROSEVILLE CA 95648	ESE	0.09 / 489.86	13
	***EPA Handler ID**: CAL000434848*			
WILSON SPORTING GOODS CO	10560 INDUSTRIAL AVE STE 150 ROSEVILLE CA 95678	ESE	0.11 / 582.82	19
	***EPA Handler ID**: CAL000448961*			
SWISS-TECH MACHINING LLC	10564 INDUSTRIAL AVE STE 130 ROSEVILLE CA 95678	ESE	0.19 / 990.67	23
	***EPA Handler ID**: CAL000377837*			
CAMBLIN STEEL SERVICE	4205 CINCINNATI AVE ROCKLIN CA 95765	N	0.21 / 1,086.55	24
	***EPA Handler ID**: CAL000441135*			
QUALITY TECHNIQUES ENGINEERING AND CONSTRUCTION (QTC)	4175 CINCINNATI AVE ROCKLIN CA 95765	N	0.21 / 1,114.67	25
	***EPA Handler ID**: CAL000459301*			
CALIBER COLLISION CENTERS	10640 INDUSTRIAL AVE ROSEVILLE CA 95612	E	0.23 / 1,189.93	29
	***EPA Handler ID**: CAL000430529*			

State

ENVIROSTOR - EnviroStor Database

A search of the ENVIROSTOR database, dated Feb 6, 2023 has found that there are 2 ENVIROSTOR site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HEWLETT-PACKARD CO. - ROSEVILLE	8000 FOOTHILLS BOULEVARD ROSEVILLE CA 95747	SSW	0.90 / 4,778.35	42
	***Estor/EPA ID	Cleanup Status**: 71003536	INACTIVE - NEEDS EVALUATION AS OF*		
NEW ROSEVILLE ES, HP SITE	WOODCREEK OAKS BLVD. ROSEVILLE CA 95747	SW	0.97 / 5,131.16	43
	***Estor/EPA ID	Cleanup Status**: 60000202	NO ACTION REQUIRED AS OF 4/12/2006*		

SWF/LF - Solid Waste Information System (SWIS)

A search of the SWF/LF database, dated Feb 9, 2023 has found that there are 3 SWF/LF site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Mallard Creek, Inc.	4095 Duluth Ave. Rocklin CA 95765	NW	0.31 / 1,614.65	39
Mallard Creek, Inc	4095 Duluth Avenue Rocklin CA 95747	NW	0.31 / 1,614.65	39

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Sunset Septage Lagoons	South End Of Cincinatti Ave Rocklin CA 95765	N	0.10 / 503.12	14

WMUD - Waste Management Unit Database

A search of the WMUD database, dated Jan 1, 2000 has found that there are 1 WMUD site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MALLARD CREEK COMPOSTING FAC	4095 DULUTH AVE ROCKLIN CA 95765	NW	0.31 / 1,614.65	39

C&D DEBRIS RECY - Construction and Demolition Debris Recyclers

A search of the C&D DEBRIS RECY database, dated Jun 20, 2018 has found that there are 2 C&D DEBRIS RECY site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MALLARD CREEK, INC.	4095 DULUTH AVE ROCKLIN CA 95765	NW	0.31 / 1,614.65	39

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
AMERICAN ENGINEERING & ASPHALT, INC.	4175 CINCINNATI AVE ROCKLIN CA 95765	N	0.21 / 1,114.67	25

LDS - Land Disposal Sites

A search of the LDS database, dated Nov 16, 2022 has found that there are 1 LDS site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
MALLARD CREEK COMPOSTING FAC	4095 DULUTH ROCKLIN CA 95765	NW	0.31 / 1,614.65	39

LUST - Leaking Underground Fuel Tank Reports

A search of the LUST database, dated Nov 16, 2022 has found that there are 1 LUST site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
REYNOLDS WEST COAST END PLANT	3939 CINCINNATI AVE ROCKLIN CA 95677	N	0.43 / 2,292.40	41
	Global ID* | *Status Date* | *Status: *T0606100003* | *7/14/2000* | *COMPLETED - CASE CLOSED*			

UST - Permitted Underground Storage Tank (UST) in GeoTracker

A search of the UST database, dated Jan 17, 2023 has found that there are 1 UST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Roseville Mobil	1398 Blue Oaks Blvd Roseville CA 95678	SSW	0.23 / 1,219.14	32
	Tank ID No.* | *Tank Status* | *Tank Closure Date: *1* | *Confirmed/Updated Information* | *, 3* | *Confirmed/Updated Information* | *, 2* | *Confirmed/Updated Information* |			

AST - Aboveground Storage Tanks

A search of the AST database, dated Aug 31, 2009 has found that there are 5 AST site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
HOLT OF CALIFORNIA	10000 INDUSTRIAL AVE. ROSEVILLE CA 95678	SE	0.23 / 1,189.10	28
HOLT OF CALIFORNIA	10000 INDUSTRIAL AVE. ROSEVILLE CA 95678	SE	0.23 / 1,189.10	28
H.B. FULLER	10500 INDUSTRIAL ROSEVILLE CA 95678	ESE	0.23 / 1,190.23	30
H.B. FULLER	10500 INDUSTRIAL ROSEVILLE CA 95678	ESE	0.23 / 1,190.23	30

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Hertz Equipment Rental	10680 INDUSTRIAL AV. ROSEVILLE CA 95678	ENE	0.11 / 560.64	18

CERS TANK - California Environmental Reporting System (CERS) Tanks

A search of the CERS TANK database, dated Jan 10, 2023 has found that there are 3 CERS TANK site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Lincoln Construction	4401 DULUTH AVE ROSEVILLE CA 95678 ***Site ID**: 44511*	WNW	0.17 / 909.30	21
Holt of California, The CAT Rental Store	10000 INDUSTRIAL AVE ROSEVILLE CA 95678 ***Site ID**: 394824*	SE	0.23 / 1,189.10	28
Roseville Mobil	1398 BLUE OAKS BLVD ROSEVILLE CA 95678 ***Site ID**: 148996*	SSW	0.23 / 1,219.14	32

DELISTED CTNK - Delisted California Environmental Reporting System (CERS) Tanks

A search of the DELISTED CTNK database, dated Jan 10, 2023 has found that there are 1 DELISTED CTNK site(s) within approximately 0.25 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Camblin Steel Service, Inc.	4175 CINCINNATI AVE ROCKLIN CA 95765	N	0.21 / 1,114.67	25

CALSITES - CALSITES Database

A search of the CALSITES database, dated May 1, 2004 has found that there are 1 CALSITES site(s) within approximately 0.50 miles of the project property.

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PLACER COUNTY INDUSTRIAL TREATMENT PONDS	SOUTH END OF CINCINNATI AVE ROCKLIN CA 95677	N	0.14 / 764.79	20

DELISTED COUNTY - Delisted County Records

A search of the DELISTED COUNTY database, dated Mar 8, 2023 has found that there are 5 DELISTED COUNTY site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Patriot Machining Manufacturing	1010 Winding Creek WY, SUITE 150 CA	S	0.00 / 23.14	1
Altaquip	1010 WINDING CREEK RD CA	S	0.04 / 198.49	5
E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	18

County

SML PLACER - Placer County - Site Mitigation List

A search of the SML PLACER database, dated Apr 19, 2021 has found that there are 1 SML PLACER site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
REYNOLDS METALS CO FACILITY CLOSED	3939 CINCINNATI AVE ROCKLIN CA 95765	N	0.43 / 2,292.40	41

CUPA PLACER - Placer County - CUPA Facilities List

A search of the CUPA PLACER database, dated Apr 19, 2021 has found that there are 11 CUPA PLACER site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
TEICHERT LINCOLN CONSTRUCTION DIST	4401 DULUTH AVE ROCKLIN CA 95765	WNW	0.17 / 909.30	21
AT&T MOBILITY (WEST ROCKLIN) CLOSED	10300 INDUSTRIAL AVE ROSEVILLE CA 95678	SE	0.17 / 910.09	22
A TEICHERT & SON INC	4259 DULUTH AVE ROCKLIN CA 95765	NW	0.22 / 1,136.40	26
SAK CONSTRUCTION	4253 DULUTH AVE ROCKLIN CA 95765	NW	0.22 / 1,170.85	27
AMERICAN LANDSCAPE & CONCRETE CONTR	4235 DULUTH AVE ROCKLIN CA 95765	NW	0.23 / 1,199.30	31
SACRAMENTO PRESTIGE GUNITE	4265 DULUTH AVE ROCKLIN CA 95765	NW	0.24 / 1,262.93	35

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
AMERICAN RV SERVICE CENTER	4220 DULUTH AVE STE B ROCKLIN CA 95765	NW	0.25 / 1,307.15	38
CAPITOL AIR SYSTEMS INC.	4220 DULUTH AVE STE A ROCKLIN CA 95765	NW	0.25 / 1,307.15	38

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
LAKESIDE MARINE LLC	4205 CINCINNATI AVE #200 ROCKLIN CA 95765	N	0.21 / 1,086.55	24
QUALITY TELECOM CONSULTANTS	4175 CINCINNATI AVE ROCKLIN CA 95765	N	0.21 / 1,114.67	25
AMERICAN ENGINEERING & ASPHALT INC	4175 CINCINNATI AVE ROCKLIN CA 95765	N	0.21 / 1,114.67	25

CUPA ROSEVILLE - Placer County - City of Roseville CUPA Facilities

A search of the CUPA ROSEVILLE database, dated Dec 8, 2020 has found that there are 138 CUPA ROSEVILLE site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Independence Precision Machining LLC	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	5
Altaquip	1010 WINDING CREEK RD CA	S	0.04 / 198.49	5
Altaquip	1010 WINDING CREEK RD CA	S	0.04 / 198.49	5
Patriot Machining Manufacturing	1010 Winding Creek Suite 150 RD, SUITE 150 CA	S	0.04 / 198.49	5
Patriot Machining Manufacturing	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	5
Independence Precision Machining LLC	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	5

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Altaquip	1010 WINDING CREEK RD CA	S	0.04 / 198.49	5
Altaquip	1010 WINDING CREEK RD CA	S	0.04 / 198.49	5
Lennox Store	1010 WINDING CREEK RD, STE 100 CA	S	0.04 / 198.49	5
Lennox Store	1010 WINDING CREEK RD, STE 100 CA	S	0.04 / 198.49	5
Independence Precision Machining LLC	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	5
Independence Precision Machining LLC	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	5
Lennox Store	1010 WINDING CREEK RD, STE 100 CA	S	0.04 / 198.49	5
Independence Precision Machining LLC	1010 Winding Creek RD, SUITE 150 CA	S	0.04 / 198.49	5
Lennox Store	1010 WINDING CREEK RD, STE 100 CA	S	0.04 / 198.49	5
Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
E2C Remediation	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
Universal Plastics	1020 WINDING CREEK RD CA	SSE	0.04 / 201.62	6
PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	11
PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	11
PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	11

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	11
PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	11
PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	11
PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	11
PASCO Scientific	10101 FOOTHILLS BL CA	W	0.08 / 448.73	11
Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	17
Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	17
Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	17
Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	17
Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	17
Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	17
Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	17
Pride Industries	10030 FOOTHILLS BL CA	WSW	0.10 / 534.60	17

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	21
Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	21
Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	21
Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	21
Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	21
Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	21
Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	21
Teichert Office	4401 DULUTH AV CA	WNW	0.17 / 909.30	21
AT&T Mobility	10300 INDUSTRIAL AV CA	SE	0.17 / 910.09	22
AT&T Mobility	10300 Industrial AV CA	SE	0.17 / 910.09	22
AT&T Mobility	10300 Industrial AV CA	SE	0.17 / 910.09	22
AT&T Mobility	10300 Industrial AV CA	SE	0.17 / 910.09	22
AT&T Mobility	10300 INDUSTRIAL AV CA	SE	0.17 / 910.09	22

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
AT&T Mobility	10300 INDUSTRIAL AV CA	SE	0.17 / 910.09	22
AT&T Mobility	10300 INDUSTRIAL AV CA	SE	0.17 / 910.09	22
AT&T Mobility	10300 INDUSTRIAL AV CA	SE	0.17 / 910.09	22
CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	28
CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	28
CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	28
CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	28
CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	28
CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	28
CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	28
CAT Rental Store	10000 INDUSTRIAL AV CA	SE	0.23 / 1,189.10	28
Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	32
Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	32

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	32
Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	32
Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	32
Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	32
Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	32
Roseville Circle K/76 Station and Wash	1398 BLUE OAKS BL CA	SSW	0.23 / 1,219.14	32
Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	34
Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	34
Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	34
Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	34
Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	34
Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	34
Bill Santucci Justice Center	10820 JUSTICE CENTER DR CA	NE	0.24 / 1,249.44	34

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	37
H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	37
H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	37
H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	37
H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	37
H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	37
H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	37
H B Fuller Facility	10500 INDUSTRIAL AV CA	ESE	0.24 / 1,293.00	37

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	7
Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	7
Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	7
Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	7
Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	7

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	7
Blue Ridge Forrest Products	10642 INDUSTRIAL AV CA	E	0.06 / 318.14	7
Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	8
Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	8
Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	8
Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	8
Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	8
Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	8
Wells Construction	10648 INDUSTRIAL AV CA	E	0.06 / 326.05	8
Top Notch Auto Body	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	9
Top Notch Auto Body	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	9
Top Notch Auto Body	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	9
Caliber Collision	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	9

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Top Notch Auto Body	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	9
Caliber Collision	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	9
Top Notch Auto Body	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	9
Caliber Collision	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	9
Caliber Collision	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	9
Caliber Collision	10640 INDUSTRIAL AV CA	E	0.06 / 338.28	9
Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	16
Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	16
Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	16
Agilent Technologies	10050 FOOTHILLS BL CA	W	0.10 / 529.03	16
Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	16
Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	16
Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	16

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	16
Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	16
Keysight Technologies	10050 FOOTHILLS BL, SUITE 120 CA	W	0.10 / 529.03	16
Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	18
Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	18
Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	18
Hertz Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	18
Hertz Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	18
Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	18
Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	18
Herc Equipment Rental	10680 INDUSTRIAL AV CA	ENE	0.11 / 560.64	18
Wilson Sporting Goods/Louisville Slugger Innovations	10560 INDUSTRIAL AV, STE 150 CA	ESE	0.11 / 582.82	19
Wilson Sporting Goods/Louisville Slugger Innovations	10560 INDUSTRIAL AV, STE 150 CA	ESE	0.11 / 582.82	19

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
Wilson Sporting Goods/Louisville Slugger Innovations	10560 INDUSTRIAL AV, STE 150 CA	ESE	0.11 / 582.82	19
Wilson Sporting Goods/Louisville Slugger Innovations	10560 INDUSTRIAL AV, STE 150 CA	ESE	0.11 / 582.82	19

Non Standard

Federal

FINDS/FRS - Facility Registry Service/Facility Index

A search of the FINDS/FRS database, dated Aug 18, 2022 has found that there are 6 FINDS/FRS site(s) within approximately 0.02 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
ALTAQUIP	1010 WINDING CREEK RD STE 190 ROSEVILLE CA 95678 ***Registry ID**: 110065989498*	S	0.01 / 34.05	2
INDEPENDENCE PRECISION MACHINING LLC	1010 WINDING CREEK RD STE 150 ROSEVILLE CA 95678 ***Registry ID**: 110070419963*	S	0.01 / 34.05	2
SIERRA ENERGY	1020 WINDING CREEK ROAD ROSEVILLE CA 95678 ***Registry ID**: 110030906740*	S	0.01 / 44.00	3
UNIVERSAL PLASTICS, INC.	1020 WINDING CREEK RD STE 130 ROSEVILLE CA 95678 ***Registry ID**: 110055761723*	S	0.01 / 44.00	3
ENVIRONMENTAL ENGINEERING CONSULTING & REMEDIATION INC DBA E2C REMEDIATION	1020 WINDING CREEK RD STE 100 ROSEVILLE CA 95678 ***Registry ID**: 110066194923*	S	0.01 / 44.00	3
INTERNATIONAL GAME TECHNOLOGY	1020 WINDING CREEK RD STE 120 ROSEVILLE CA 95678-7042 ***Registry ID**: 110070474404*	S	0.01 / 44.00	3

ALT FUELS - Alternative Fueling Stations

A search of the ALT FUELS database, dated Jan 3, 2023 has found that there are 1 ALT FUELS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
BoardTronics	1364 Blue Oaks Blvd Roseville CA 95678 ***ID**: 51204*	S	0.24 / 1,291.65	36

State

SCH - School Property Evaluation Program Sites

A search of the SCH database, dated Feb 6, 2023 has found that there are 1 SCH site(s) within approximately 1.00 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
NEW ROSEVILLE ES, HP SITE	WOODCREEK OAKS BLVD. ROSEVILLE CA 95747 ***Estor/EPA ID**	**Cleanup Status**: 60000202 | NO ACTION REQUIRED AS OF 4/12/2006*	SW	0.97 / 5,131.16	43

CERS HAZ - California Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the CERS HAZ database, dated Feb 8, 2023 has found that there are 7 CERS HAZ site(s) within approximately 0.12 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
Lennox Store A551	1010 WINDING CREEK RD STE 100 ROSEVILLE CA 95678	S	0.04 / 198.49	5
Patriot Machining and Fabrication LLC	1010 WINDING CREEK RD STE 150 ROSEVILLE CA 95678	S	0.04 / 198.49	5
Universal Plastics, Inc.	1020 WINDING CREEK RD STE 130 ROSEVILLE CA 95678	SSE	0.04 / 201.62	6

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
PASCO scientific	10101 FOOTHILLS BLVD ROSEVILLE CA 95747	W	0.08 / 447.49	10
PRIDE Industries	10030 FOOTHILLS BLVD ROSEVILLE CA 95747	WSW	0.09 / 474.99	12
Keysight Technologies (Roseville, CA)	10050 FOOTHILLS BLVD ROSEVILLE CA 95747	W	0.10 / 518.34	15
Wilson Sporting Goods dba Louisville Slugger Innovations	10560 INDUSTRIAL AVE STE 150 ROSEVILLE CA 95678	ESE	0.11 / 582.82	19

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key

DELISTED HAZ - Delisted Environmental Reporting System (CERS) Hazardous Waste Sites

A search of the DELISTED HAZ database, dated Nov 29, 2018 has found that there are 2 DELISTED HAZ site(s) within approximately 0.50 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
A TEICHERT & SON INC	4259 DULUTH AVE ROCKLIN CA 95765	NW	0.22 / 1,136.40	26
Pacific Consolidated Incorporated	1043 NICHOLS DR, STE 200 ROCKLIN CA 95765	NNE	0.37 / 1,959.31	40

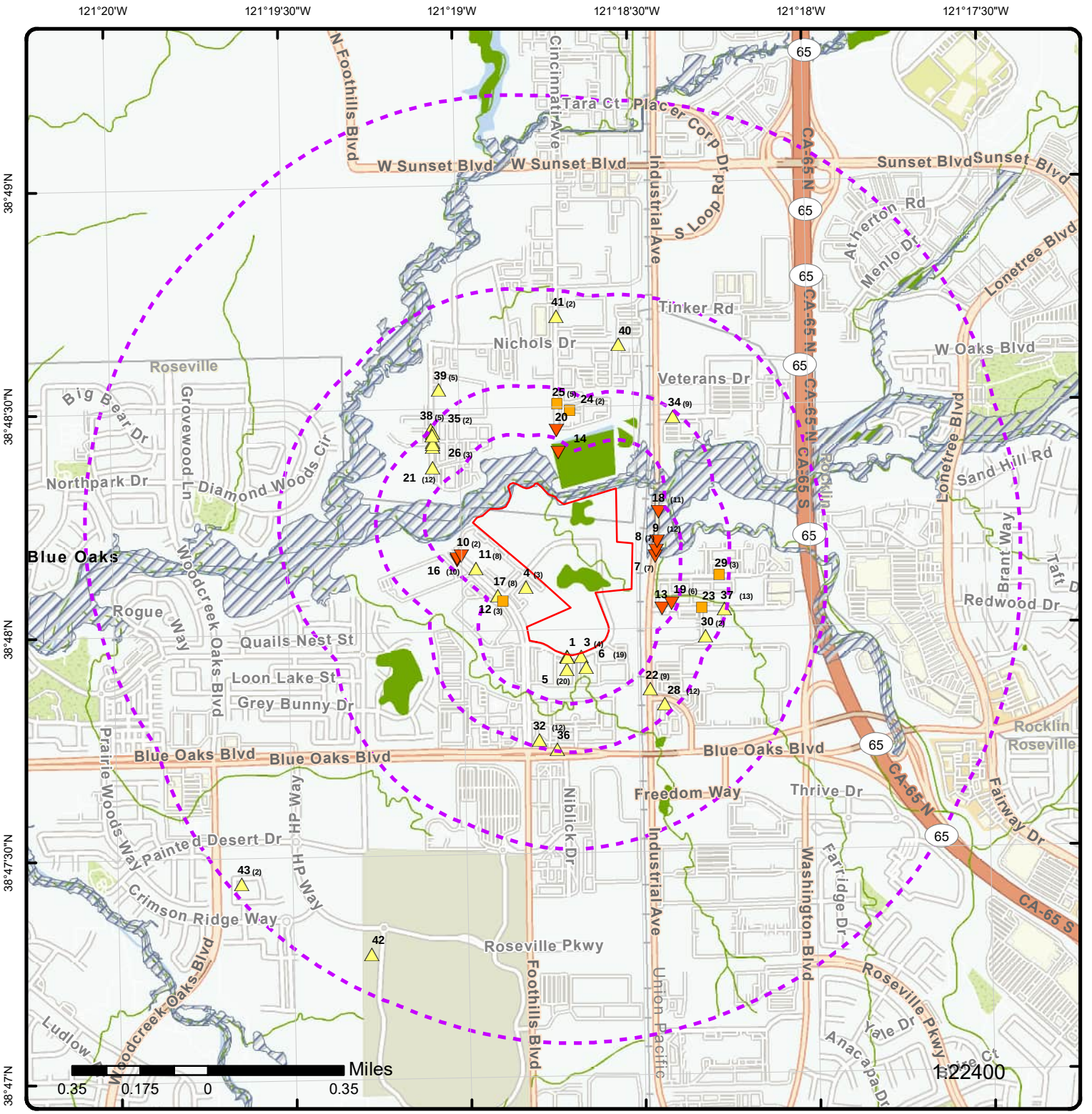
EMISSIONS - Toxic Pollutant Emissions Facilities

A search of the EMISSIONS database, dated Dec 31, 2020 has found that there are 19 EMISSIONS site(s) within approximately 0.25 miles of the project property.

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
UNION PACIFIC RAILROAD - FOOTHILLS	10031 FOOTHILLS BLVD ROSEVILLE CA 95747	WSW	0.04 / 194.05	4
UNION PACIFIC RAILROAD - FOOTH	10031 FOOTHILLS BLVD ROSEVILLE CA 95747	WSW	0.04 / 194.05	4
PIPENOLOGY	4253 DULUTH AVE ROCKLIN CA 95765	NW	0.22 / 1,170.85	27
SAK CONSTRUCTION LLC	4253 DULUTH AVE ROCKLIN CA 95765	NW	0.22 / 1,170.85	27
GAWFCO USA	1398 BLUE OAKS BLVD ROSEVILLE CA 95747	SSW	0.23 / 1,219.14	32
SOUTH PLACER JUSTICE CENTER, JCC/AOC	10820 JUSTICE CENTER DR ROSEVILLE CA 95678	NE	0.24 / 1,249.44	34
SUPERIOR COURT OF CALIFORNIA	10820 JUSTICE CENTER DR ROSEVILLE CA 95678	NE	0.24 / 1,249.44	34
SACRAMENTO PRESTIGE GUNITE	4265 DULUTH AVENUE ROCKLIN CA 95765	NW	0.24 / 1,262.93	35

Equal/Higher Elevation	Address	Direction	Distance (mi/ft)	Map Key
H.B.FULLER COMPANY	10500 INDUSTRIAL AVENUE ROSEVILLE CA 95678	ESE	0.24 / 1,293.00	37
H.B.FULLER COMPANY	10500 INDUSTRIAL AVENUE ROSEVILLE CA 55164	ESE	0.24 / 1,293.00	37
H.B. FULLER COMPANY	10500 INDUSTRIAL AVENUE ROSEVILLE CA 95678	ESE	0.24 / 1,293.00	37

Lower Elevation	Address	Direction	Distance (mi/ft)	Map Key
TOP NOTCH AUTO BODY	10640 INDUSTRIAL AVE ROSEVILLE CA 95747	E	0.06 / 338.28	9
TOP NOTCH AUTO BODY	10640 INDUSTRIAL AVE ROSEVILLE CA 95678	E	0.06 / 338.28	9
PRIDE INDUSTRIES, INC.	10030 FOOTHILLS BLVD. ROSEVILLE CA 95747	WSW	0.09 / 474.99	12
AGILENT TECHNOLOGIES	10050 FOOTHILLS BLVD ROSEVILLE CA 95747	W	0.10 / 518.34	15
KEYSIGHT TECHNOLOGIES	10050 FOOTHILLS BLVD ROSEVILLE CA 95747	W	0.10 / 518.34	15
HERTZ CORPORATION	10680 INDUSTRIAL AVE ROSEVILLE CA 95678	ENE	0.11 / 560.64	18
ALLSTAR POWDERCOATING	10632 INDUSTRIAL AVE., SUITE 140 ROSEVILLE CA 95678	E	0.23 / 1,189.93	29
CALIBER COLLISION CENTER - INDUSTRIAL	10640 INDUSTRIAL AVE ROSEVILLE CA 95747	E	0.23 / 1,189.93	29



Map: 1.0 Mile Radius

Order Number: 23032200414

Address: 1001-1601 Winding Creek Road, Roseville, CA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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Map: 0.5 Mile Radius

Order Number: 23032200414

Address: 1001-1601 Winding Creek Road, Roseville, CA

- Project Property
- Buffer Outline
- Sites with Higher Elevation
- Sites with Same Elevation
- Sites with Lower Elevation
- Sites with Unknown Elevation
- Areas with Higher Elevation
- Areas with Same Elevation
- Areas with Lower Elevation
- Areas with Unknown Elevation
- Freeways; Highways
- Traffic Circle; Ramp
- Major & Minor Arterial
- Traffic Circle; Ramp
- Local Road
- Rail
- State
- Country
- National Wetland
- Indian Reserve Land
- Plume
- 100 Year Flood Zone
- 500 Year Flood Zone
- FWS Special Designation Areas
- National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

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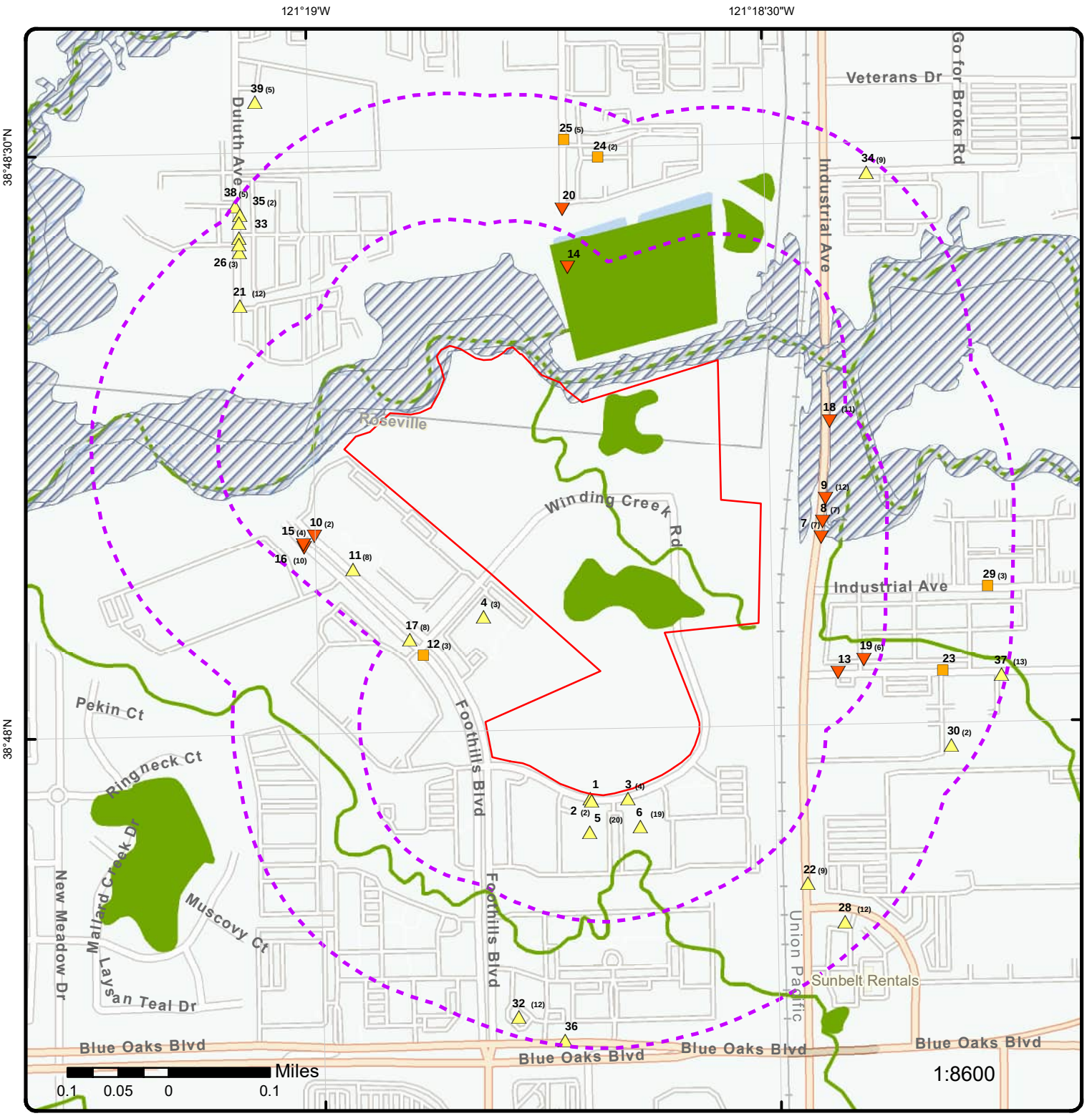


Map: 0.25 Mile Radius

Order Number: 23032200414

Address: 1001-1601 Winding Creek Road, Roseville, CA

Project Property
Buffer Outline
Sites with Higher Elevation
Sites with Same Elevation
Sites with Lower Elevation
Sites with Unknown Elevation
Areas with Higher Elevation
Areas with Same Elevation
Areas with Lower Elevation
Areas with Unknown Elevation
Freeways; Highways
Traffic Circle; Ramp
Major & Minor Arterial
Traffic Circle; Ramp
Local Road
Rail
State
Country
National Wetland
Indian Reserve Land
Plume
100 Year Flood Zone
500 Year Flood Zone
FWS Special Designation Areas
National Priorities List (Active, Delisted, Proposed, Institutional Control)

Source: © 2021 ESRI StreetMap Premium

© ERIS Information Inc.

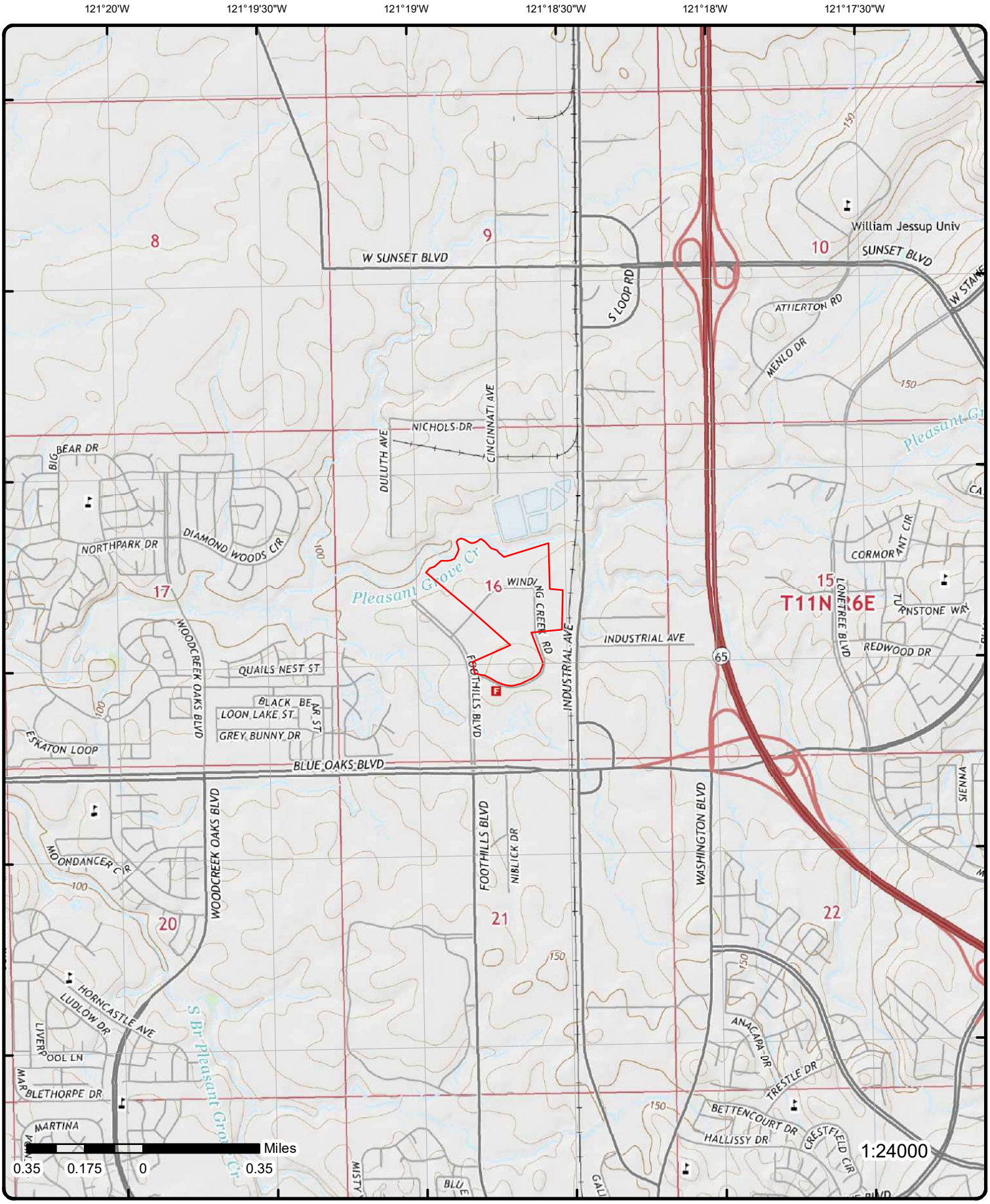
Aerial **Year: 2022**

Order Number: 23032200414

Address: 1001-1601 Winding Creek Road, Roseville, CA

Source: ESRI World Imagery

© ERIS Information Inc.



Topographic Map

Year: 2015

Order Number: 23032200414

Address: 1001-1601 Winding Creek Road, CA

Quadrangle(s): Roseville, CA

Source: USGS Topographic Map

© ERIS Information Inc.

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
1	1 of 1	S	0.00 / 23.14	125.51 / 13	Patriot Machining Manufacturing 1010 Winding Creek WY, SUITE 150 CA	DELISTED COUNTY

Delisted County Records

Original Source Facility ID:	FD15-1761
Original Source Name:	Placer County - City of Roseville CUPA Facilities
Record Date:	04-OCT-2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	1 of 2	S	0.01 / 34.05	124.48 / 12	ALTAQUIP 1010 WINDING CREEK RD STE 190 ROSEVILLE CA 95678	FINDS/FRS

Registry ID:	110065989498
FIPS Code:	06061
HUC Code:	18020109
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	14-OCT-15
Update Date:	
Interest Types:	OTHER HAZARDOUS WASTE ACTIVITIES, STATE MASTER
SIC Codes:	7699
SIC Code Descriptions:	REPAIR SHOPS AND RELATED SERVICES, NOT ELSEWHERE CLASSIFIED
NAICS Codes:	811411
NAICS Code Descriptions:	HOME AND GARDEN EQUIPMENT REPAIR AND MAINTENANCE.
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	04
Census Block Code:	060610231003026
EPA Region Code:	09
County Name:	PLACER
US/Mexico Border Ind:	
Latitude:	38.7984
Longitude:	-121.31187
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110065989498
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

CA-ENVIROVIEW:273793, RCRAINFO:CAL000404396

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
2	2 of 2	S	0.01 /	124.48 /	INDEPENDENCE PRECISION	FINDS/FRS

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
			34.05	12	MACHINING LLC 1010 WINDING CREEK RD STE 150 ROSEVILLE CA 95678	

Registry ID: 110070419963
FIPS Code: 06061
HUC Code: 18020109
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 31-DEC-18
Update Date:
Interest Types: OTHER HAZARDOUS WASTE ACTIVITIES
SIC Codes:
SIC Code Descriptions:
NAICS Codes:
NAICS Code Descriptions:
Conveyor: RCRAINFO
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 04
Census Block Code: 060610231003026
EPA Region Code: 09
County Name: PLACER
US/Mexico Border Ind:
Latitude: 38.798976
Longitude: -121.311799
Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: GDT-ADDRESS MATCHING (GEOCODING)
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070419963
Data Source: Facility Registry Service - Single File
Program Acronyms:

RCRAINFO:CAL000410782

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	1 of 4	S	0.01 / 44.00	124.12 / 12	SIERRA ENERGY 1020 WINDING CREEK ROAD ROSEVILLE CA 95678	FINDS/FRS

Registry ID: 110030906740
FIPS Code: 06061
HUC Code: 18020109
Site Type Name: STATIONARY
Location Description:
Supplemental Location:
Create Date: 27-AUG-07
Update Date: 03-MAY-15
Interest Types: FORMAL ENFORCEMENT ACTION, WATER TREATMENT PLANT
SIC Codes: 4231
SIC Code Descriptions: TERMINAL AND JOINT TERMINAL MAINTENANCE FACILITIES FOR MOTOR FREIGHT TRANSPORTATION
NAICS Codes:
NAICS Code Descriptions:
Conveyor: FRS-GEOCODE
Federal Facility Code:
Federal Agency Name:
Tribal Land Code:
Tribal Land Name:
Congressional Dist No: 04
Census Block Code: 060610231003026
EPA Region Code: 09

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

County Name:	PLACER
US/Mexico Border Ind:	
Latitude:	38.79902
Longitude:	-121.31111
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110030906740
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

ICIS:600029118, SFDW:CA2900504 67290

3	2 of 4	S	0.01 / 44.00	124.12 / 12	**UNIVERSAL PLASTICS, INC.** **1020 WINDING CREEK RD STE 130** **ROSEVILLE CA 95678**	FINDS/FRS

Registry ID:	110055761723
FIPS Code:	31
HUC Code:	18020109
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	15-SEP-13
Update Date:	14-OCT-15
Interest Types:	STATE MASTER
SIC Codes:	1798
SIC Code Descriptions:	
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	04
Census Block Code:	060610231003026
EPA Region Code:	09
County Name:	PLACER
US/Mexico Border Ind:	
Latitude:	38.7984
Longitude:	-121.31086
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110055761723
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

CA-CERS:10446520, CA-ENVIROVIEW:164828

3	3 of 4	S	0.01 / 44.00	124.12 / 12	**ENVIRONMENTAL ENGINEERING CONSULTING & REMEDIATION INC DBA E2C REMEDIATION** **1020 WINDING CREEK RD STE 100** **ROSEVILLE CA 95678**	FINDS/FRS

Registry ID:	110066194923

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

FIPS Code:	06061
HUC Code:	18020109
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	14-OCT-15
Update Date:	
Interest Types:	STATE MASTER, UNSPECIFIED UNIVERSE
SIC Codes:	8711
SIC Code Descriptions:	ENGINEERING SERVICES
NAICS Codes:	
NAICS Code Descriptions:	
Conveyor:	FRS-GEOCODE
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	04
Census Block Code:	060610231003026
EPA Region Code:	09
County Name:	PLACER
US/Mexico Border Ind:	
Latitude:	38.7984
Longitude:	-121.31086
Reference Point:	CENTER OF A FACILITY OR STATION
Coord Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Accuracy Value:	30
Datum:	NAD83
Source:	
Facility Detail Rprt URL:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110066194923
Data Source:	Facility Registry Service - Single File
Program Acronyms:	

CA-ENVIROVIEW:113241, RCRAINFO:CAL000399624

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
3	4 of 4	S	0.01 / 44.00	124.12 / 12	INTERNATIONAL GAME TECHNOLOGY 1020 WINDING CREEK RD STE 120 ROSEVILLE CA 95678-7042	FINDS/FRS

Registry ID:	110070474404
FIPS Code:	06061
HUC Code:	18020109
Site Type Name:	STATIONARY
Location Description:	
Supplemental Location:	
Create Date:	02-JAN-19
Update Date:	
Interest Types:	OTHER HAZARDOUS WASTE ACTIVITIES
SIC Codes:	
SIC Code Descriptions:	
NAICS Codes:	339999
NAICS Code Descriptions:	ALL OTHER MISCELLANEOUS MANUFACTURING.
Conveyor:	RCRAINFO
Federal Facility Code:	
Federal Agency Name:	
Tribal Land Code:	
Tribal Land Name:	
Congressional Dist No:	04
Census Block Code:	060610231003026
EPA Region Code:	09
County Name:	PLACER
US/Mexico Border Ind:	
Latitude:	38.79902
Longitude:	-121.311007

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Reference Point: ENTRANCE POINT OF A FACILITY OR STATION
Coord Collection Method: GDT-ADDRESS MATCHING (GEOCODING)
Accuracy Value:
Datum: NAD83
Source:
Facility Detail Rprt URL: https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070474404
Data Source: Facility Registry Service - Single File
Program Acronyms:

RCRAINFO:CAL000344157

4	1 of 3	WSW	0.04 / 194.05	116.83 / 4	UNION PACIFIC RAILROAD - FOOTH 10031 FOOTHILLS BLVD ROSEVILLE CA 95747	EMISSIONS

2008 Criteria Data

Facility ID: 1234
Facility SIC Code: 4011
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: .00717102904266762280387235568304051631 4091
ROGT: .006
COT: .413
NOXT: .081
SOXT:
PMT: .00030737704918032786885245901639344262 2951
PM10T: .0003

2008 Toxic Data

Facility ID: 1234
Facility SIC Code: 4011
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2009 Criteria Data

Facility ID: 1234
Facility SIC Code: 4011
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: .006
ROGT: .0053314
COT: .3412295
NOXT: .0666463
SOXT:
PMT: 0
PM10T: .0002669

2009 Toxic Data

Facility ID: 1234
Facility SIC Code: 4011
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2010 Toxic Data

Facility ID:	1234	***COID:***	PLA
Facility SIC Code:	4011	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2011 Criteria Data

Facility ID:	1234	***CERR Code:***	
Facility SIC Code:	4011	***TOGT:***	. 00239034301422254093462411856101350543803
CO:	31	***ROGT:***	.002
Air Basin:	SV	***COT:***	.18
District:	PLA	***NOXT:***	.04
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	0
CHAPIS:		***PM10T:***	0

2011 Toxic Data

Facility ID:	1234	***COID:***	PLA
Facility SIC Code:	4011	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2012 Criteria Data

Facility ID:	1234	***CERR Code:***	
Facility SIC Code:	4011	***TOGT:***	. 00239034301422254093462411856101350543803
CO:	31	***ROGT:***	.002
Air Basin:	SV	***COT:***	.18
District:	PLA	***NOXT:***	.04
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	0
CHAPIS:		***PM10T:***	0

2012 Toxic Data

Facility ID:	1234	***COID:***	PLA
Facility SIC Code:	4011	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		

TS:

Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2013 Criteria Data

Facility ID:	1234	***CERR Code:***	
Facility SIC Code:	4011	***TOGT:***	. 00239034301422254093462411856101350543803
CO:	31	***ROGT:***	.002
Air Basin:	SV	***COT:***	.18
District:	PLA	***NOXT:***	.04
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	0
CHAPIS:		***PM10T:***	0

2013 Toxic Data

Facility ID:	1234	***COID:***	PLA
Facility SIC Code:	4011	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2014 Criteria Data

Facility ID:	1234	***CERR Code:***	
Facility SIC Code:	4011	***TOGT:***	. 006829823562891291974957313602731929425157
CO:	31	***ROGT:***	.006
Air Basin:	SV	***COT:***	.413
District:	PLA	***NOXT:***	.08
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	0
CHAPIS:		***PM10T:***	0

2014 Toxic Data

Facility ID:	1234	***COID:***	PLA
Facility SIC Code:	4011	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		

TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2015 Criteria Data

Facility ID:	1234	***CERR Code:***	
Facility SIC Code:	4011	***TOGT:***	. 006829823562891291974957313602731929425157
CO:	31	***ROGT:***	.006
Air Basin:	SV	***COT:***	.413
District:	PLA	***NOXT:***	.08

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2015 Toxic Data

Facility ID:	1234	**COID:**	PLA
Facility SIC Code:	4011	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	1234	**CERR CODE:**	
Facility SIC Code:	4011	**TOGT:**	.00682982356289129197495731360273192942 5157
CO:	31	**ROGT:**	.006
Air Basin:	SV	**COT:**	.413
District:	PLA	**NOXT:**	.08
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2016 Toxic Data

Facility ID:	1234	**TS:**	
Facility SIC Code:	4011	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	PLA	**AH Index:**	
CO:	31	**Air Basin:**	SV
DISN:	PLACER COUNTY APCD	**District:**	PLA
CHAPIS:			

4	2 of 3	WSW	0.04 / 194.05	116.83 / 4	**UNION PACIFIC RAILROAD - FOOTHILLS** **10031 FOOTHILLS BLVD** **ROSEVILLE CA 95747**	EMISSIONS

2017 Criteria Data

Facility ID:	1234	**CERR Code:**	
Facility SIC Code:	4011	**TOGT:**	.00682982356289129197495731360273192942 5157
CO:	31	**ROGT:**	.006
Air Basin:	SV	**COT:**	.413
District:	PLA	**NOXT:**	.08
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	0
CHAPIS:		**PM10T:**	0

2017 Toxic Data

Facility ID:	1234	**COID:**	PLA
Facility SIC Code:	4011	**DISN:**	PLACER COUNTY APCD

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
CHAPIS:
CERR Code:

2018 Criteria Data

Facility ID: 1234
Facility SIC Code: 4011
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: .006829823562891291974957313602731929425157
ROGT: .006
COT: .413
NOXT: .08
SOXT:
PMT: 0
PM10T: 0

2018 Toxic Data

Facility ID: 1234
Facility SIC Code: 4011
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2019 Criteria Data

CO: 31
Air Basin: SV
Facility ID: 1234
District: PLA
Facility SIC Code: 4011
CO ID: PLA
DISN: PLACER COUNTY APCD
PM10T: 0
TOGT: .006829823562891291974957313602731929425157
PMT: 0
CHAPIS:
CERR Code:
ROGT: .006
COT: .413
NOXT: .08
SOXT:

2019 Toxic Data

CO: 31
Air Basin: SV
Faccility ID: 1234
District: PLA
Facility SIC Code: 4011
COID: PLA
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TS:
Health Risk Asmt:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
4	3 of 3	WSW	0.04 / 194.05	116.83 / 4	UNION PACIFIC 10031 FOOTHILL BLVD ROSEVILLE CA 95747	RCRA NON GEN

EPA Handler ID: CAP000007006
Gen Status Universe: No Report

Contact Name:	ROBERT BAVIER
Contact Address:	10031 FOOTHILL BLVD , , ROSEVILLE , CA, 95747 , US
Contact Phone No and Ext:	951-323-2366
Contact Email:	
Contact Country:	US
County Name:	PLACER
EPA Region:	09
Land Type:	
Receive Date:	20090601
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20080701
Handler Name:	UNION PACIFIC
Source Type:	Emergency
Federal Waste Generator Code:	
Generator Code Description:	

Hazardous Waste Handler Details

Sequence No:	2
Receive Date:	20090601
Handler Name:	UNION PACIFIC
Source Type:	Emergency
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Historical Handler Details

Receive Dt:	20080701
Generator Code Description:	
Handler Name:	UNION PACIFIC

5	***1 of 20***	***S***	***0.04 / 198.49***	***121.78 / 9***	***Altaquip 1010 WINDING CREEK RD CA***	***DELISTED COUNTY***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Delisted County Records

Original Source Facility ID:
Original Source Name: Placer County - City of Roseville CUPA Facilities
Record Date: 10-JAN-2017

5	2 of 20	S	0.04 / 198.49	121.78 / 9	Patriot Machining and Fabrication LLC 1010 WINDING CREEK RD STE 150 ROSEVILLE CA 95678	CERS HAZ

Site ID: 362051
Latitude: 38.798400
Longitude: -121.311870
County:

Regulated Programs

EI ID: 10653403 ***EI Description:*** Hazardous Waste Generator

EI ID: 10653403 ***EI Description:*** Chemical Storage Facilities

Violations

Violation Date: 12/13/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Notes:

Returned to compliance on 12/26/2019. Manifests 177938 & 174752 need to have designated facility.

Violation Description:

Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violations

Violation Date: 12/02/2016 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 12/15/2016. Container label violation was also noted last year. Hence, this is a repeat of a minor violation classifying it as a class II violation.

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 11/14/2019 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 12/26/2019. In CERS please only provide inventory on reportable quantities: 55 gallons for liquids, 500 pounds for solids, or 200 cubic feet for compressed gases

Violation Description:

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violations

Violation Date: 11/13/2015 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Notes:

Returned to compliance on 12/15/2015.

Violation Description:

Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.

Violations

Violation Date: 11/14/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Notes:

Returned to compliance on 12/26/2019. Please have your manifest onsite and available for review.

Violation Description:

Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Evaluations

Eval Date: 08/27/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 11/14/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 01/25/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP

Eval Source: CERS
Eval Notes:

Eval Date: 12/02/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 08/27/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

CERS review conducted by Chris Salter; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/01/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 12/15/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 11/14/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 01/25/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 12/15/2016
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency

Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 12/13/2019
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 12/01/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 12/13/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 1010 Winding Creek Rd Ste 150
City: Roseville
State: CA
Country:
Zip Code: 95678
Phone:

Affil Type Desc: Parent Corporation
Entity Name: Patriot Machining and Fabrication LLC
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title:
Address: 316 Vernon Street Suite #480
City: Roseville
State: CA
Country:
Zip Code: 95678
Phone: (916) 774-5800

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Affil Type Desc: Operator
Entity Name: Independence Precision Machining LLC
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (916) 788-1818

Affil Type Desc: Document Preparer
Entity Name: John Wycoff
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: John Wycoff
Entity Title:
Address: 1010 Winding Creek Rd Ste 150
City: Roseville
State: CA
Country: United States
Zip Code: 95678
Phone: (916) 788-1818

Affil Type Desc: Environmental Contact
Entity Name: John Wycoff
Entity Title:
Address: JUDubeB5sayUxE
City: Roseville
State: CA
Country:
Zip Code: 95678
Phone:

Affil Type Desc: Identification Signer
Entity Name: John Wycoff
Entity Title: owner
Address:
City:
State:
Country:
Zip Code:
Phone:

5	***3 of 20***	***S***	***0.04 / 198.49***	***121.78 / 9***	***Independence Precision Machining LLC 1010 Winding Creek RD, SUITE 150 CA***	***CUPA ROSEVILLE***

CERS ID: 10653403
Record ID: FD16-1265
Record Status: History
Fiscal Year: 2017

CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed with CUPA Discount
Insp Date: 12/1/2017 11:18:28 AM
Annual Insp Date:
Pri Occ: No

Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 12/1/2017 10:00:00 AM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Occupancy: F-1 : Moderate Hazard Factory/Industrial

Details

Insp Status: Passed with CUPA Discount
Insp Date: 12/1/2017 11:18:28 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 12/1/2017 10:00:00 AM

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5 | ***4 of 20*** | ***S*** | ***0.04 / 198.49*** | ***121.78 / 9*** | ***Altaquip 1010 WINDING CREEK RD CA*** | ***CUPA ROSEVILLE***

CERS ID: 10618999
Record ID: FD17-0358
Record Status: History
Fiscal Year: 2017
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 2/20/2018 8:51:21 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 2/14/2018

Details

Insp Status: Passed
Insp Date: 3/15/2018 3:13:16 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 3/6/2018

Details

Insp Status: Failed
Insp Date: 1/31/2018 8:38:19 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/29/2018 10:00:00 AM

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5 | ***5 of 20*** | ***S*** | ***0.04 / 198.49*** | ***121.78 / 9*** | ***Lennox Store A551 1010 WINDING CREEK RD STE 100 ROSEVILLE CA 95678*** | ***CERS HAZ***

Site ID: 427113
Latitude: 38.798400
Longitude: -121.311870
County:

Regulated Programs

EI ID: 10745524
EI Description: Chemical Storage Facilities

Evaluations

Eval Date: 01/25/2022

Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Annual Inspection; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/05/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 09/17/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07/19/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Identification Signer
Entity Name: Robert Johnson
Entity Title: Manager, Environmental Affairs
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 1010 Winding Creek Rd Ste 100
City: Roseville
State: CA
Country:
Zip Code: 95678
Phone:

Affil Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title:
Address: 316 Vernon Street Suite #480
City: Roseville

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State:	CA
Country:	
Zip Code:	95678
Phone:	(916) 774-5800
Affil Type Desc:	Environmental Contact
Entity Name:	Robert Johnson
Entity Title:	
Address:	2140 Lake Park Blvd.
City:	Richardson
State:	TX
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Legal Owner
Entity Name:	Lennox Industries, Inc.
Entity Title:	
Address:	2100 Lake Park Blvd.
City:	Richardson
State:	TX
Country:	United States
Zip Code:	75080
Phone:	(972) 497-5000
Affil Type Desc:	Property Owner
Entity Name:	Foothills Management Company
Entity Title:	
Address:	1020 Winding Creek Road, Site 100
City:	Roseville
State:	CA
Country:	United States
Zip Code:	95678
Phone:	(916) 367-7851
Affil Type Desc:	Parent Corporation
Entity Name:	LENNOX INDUSTRIES, INC
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Operator
Entity Name:	Lennox Stores
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	(916) 472-7310
Affil Type Desc:	Document Preparer
Entity Name:	Glenn Taylor
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	

5	***6 of 20***	***S***	***0.04 / 198.49***	***121.78 / 9***	***Altaquip 1010 WINDING CREEK RD CA***	***CUPA ROSEVILLE***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CERS ID:
Record ID: FD16-0429
Record Status: History
Fiscal Year: 2016
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed with CUPA Discount
Insp Date: 3/16/2017 4:06:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 3/30/2017

Details

Insp Status: Failed
Insp Date: 3/16/2017 4:05:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 3/21/2017

5	7 of 20	S	0.04 / 198.49	121.78 / 9	Patriot Machining Manufacturing 1010 Winding Creek Suite 150 RD, SUITE 150 CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD15-1676
Record Status: History
Fiscal Year: 2015
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 11/23/2015 9:27:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 11/17/2015

Details

Insp Status: Passed
Insp Date: 11/23/2015 9:27:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: F-1 : Moderate Hazard Factory/Industrial
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 11/17/2015

5	8 of 20	S	0.04 / 198.49	121.78 / 9	Patriot Machining Manufacturing 1010 Winding Creek RD, SUITE 150 CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD15-1761
Record Status: History
Fiscal Year: 2016
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 12/2/2016 1:01:00 PM
Inspection Type: CUPA Inspection
Inspector: Anderson

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Annual Insp Date: ***Sched Date:*** 12/14/2016
Pri Occ: No
Occupancy: F-1 : Moderate Hazard Factory/Industrial

Details

Insp Status: Passed ***Inspection Type:*** CUPA Inspection
Insp Date: 12/15/2016 3:59:00 PM ***Inspector:*** Anderson
Annual Insp Date: ***Sched Date:*** 12/16/2016
Pri Occ: No
Occupancy: F-1 : Moderate Hazard Factory/Industrial

Details

Insp Status: Failed ***Inspection Type:*** CUPA Inspection
Insp Date: 12/2/2016 1:01:00 PM ***Inspector:*** Anderson
Annual Insp Date: ***Sched Date:*** 12/14/2016
Pri Occ: Yes
Occupancy: CUPA

Details

Insp Status: Passed ***Inspection Type:*** CUPA Inspection
Insp Date: 12/15/2016 3:59:00 PM ***Inspector:*** Anderson
Annual Insp Date: ***Sched Date:*** 12/16/2016
Pri Occ: Yes
Occupancy: CUPA

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5 ***9 of 20*** ***S*** ***0.04 / 198.49*** ***121.78 / 9*** ***Independence Precision Machining LLC***
1010 Winding Creek RD, SUITE 150
CA ***CUPA ROSEVILLE***

CERS ID: 10653403 ***CUPA:*** Yes
Record ID: FD17-1167 ***CUPA Discount:*** No
Record Status: History ***Balance:*** 0
Fiscal Year: 2018 ***Fire District:*** 7

Details

Insp Status: Passed ***Inspection Type:*** CUPA CERS Review
Insp Date: 6/21/2019 9:51:00 AM ***Inspector:*** Rizzi
Annual Insp Date: 6/20/2020 ***Sched Date:*** 6/22/2019
Pri Occ: No
Occupancy: F-1 : Moderate Hazard Factory/Industrial

Details

Insp Status: Passed ***Inspection Type:*** CUPA CERS Review
Insp Date: 6/21/2019 9:51:00 AM ***Inspector:*** Rizzi
Annual Insp Date: 6/20/2020 ***Sched Date:*** 6/22/2019
Pri Occ: Yes
Occupancy: Hazardous Waste

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5 ***10 of 20*** ***S*** ***0.04 / 198.49*** ***121.78 / 9*** ***Altaquip***
1010 WINDING CREEK RD
CA ***CUPA ROSEVILLE***

CERS ID: ***CUPA:*** Yes
Record ID: FD15-0466 ***CUPA Discount:*** No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record Status: History
Fiscal Year: 2015
Balance: 0
Fire District:

Details

Insp Status: Passed
Insp Date: 4/19/2016 4:01:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 4/4/2016

Details

Insp Status: Failed
Insp Date: 3/16/2016 5:04:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 3/16/2016

5	11 of 20	S	0.04 / 198.49	121.78 / 9	Altaquip 1010 WINDING CREEK RD CA	CUPA ROSEVILLE

CERS ID: 10618999
Record ID: FD18-0171
Record Status: History
Fiscal Year: 2018
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Cancelled
Insp Date:
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 1/31/2019

5	12 of 20	S	0.04 / 198.49	121.78 / 9	Lennox Store 1010 WINDING CREEK RD, STE 100 CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD18-0847
Record Status: History
Fiscal Year: 2018
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 7/19/2018 9:30:41 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 7/19/2018 10:00:00 AM

Details

Insp Status: Passed
Insp Date: 8/2/2018 8:59:34 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 8/2/2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	13 of 20	S	0.04 / 198.49	121.78 / 9	ALTAQUIP 1010 WINDING CREEK RD STE 190 ROSEVILLE CA 95678	RCRA NON GEN

EPA Handler ID: CAL000404396
Gen Status Universe: No Report
Contact Name: ROBERT EBREO
Contact Address: 1010 WINDING CREEK RD , #190 , ROSEVILLE , CA, 95678-0000 ,
Contact Phone No and Ext: 925-864-9318
Contact Email: REBREO@ALTAQUIP.COM
Contact Country:
County Name: PLACER
EPA Region: 09
Land Type:
Receive Date: 20150210
Location Latitude: 38.798978
Location Longitude: -121.311768

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20150210
Handler Name: ALTAQUIP
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: ALTAQUIP WARREN INC
Date Became Current:
Date Ended Current:
Phone: 513-674-6422
Source Type: Implementer
Street No:
Street 1: 100 PRODUCTION DR
Street 2:
City: HARRISON
State: OH
Country:
Zip Code: 45030-0000

Owner/Operator Ind: Current Operator
Street No:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Type:	Other	**Street 1:**	1010 WINDING CREEK RD
Name:	ROBERT EBREO	**Street 2:**	#190
Date Became Current:		**City:**	ROSEVILLE
Date Ended Current:		**State:**	CA
Phone:	925-864-9318	**Country:**	
Source Type:	Implementer	**Zip Code:**	95678-0000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	14 of 20	S	0.04 / 198.49	121.78 / 9	INDEPENDENCE PRECISION MACHINING LLC 1010 WINDING CREEK RD STE 150 ROSEVILLE CA 95678	RCRA NON GEN

EPA Handler ID:	CAL000410782
Gen Status Universe:	No Report
Contact Name:	JOHN WYCOFF PRESIDENT
Contact Address:	1010 WINDING CREEK RD STE 150 , , ROSEVILLE , CA, 95678 ,
Contact Phone No and Ext:	916-788-1818
Contact Email:	JOHNW@IPMCA.US
Contact Country:	
County Name:	PLACER
EPA Region:	09
Land Type:	
Receive Date:	20150930
Location Latitude:	38.798976
Location Longitude:	-121.311799

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20150930
Handler Name:	INDEPENDENCE PRECISION MACHINING LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1526 OLYMPIC CIR

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	INDEPENDENCE PRECISION MACHINING	**Street 2:**	
Date Became Current:		**City:**	ROCKLIN
Date Ended Current:		**State:**	CA
Phone:	916-783-0197	**Country:**	
Source Type:	Implementer	**Zip Code:**	95765
Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1010 WINDING CREEK RD STE 150
Name:	JOHN WYCOFF PRESIDENT	**Street 2:**	
Date Became Current:		**City:**	ROSEVILLE
Date Ended Current:		**State:**	CA
Phone:	916-788-1818	**Country:**	
Source Type:	Implementer	**Zip Code:**	95678

5	15 of 20	S	0.04 / 198.49	121.78 / 9	**Lennox Store** **1010 WINDING CREEK RD, STE 100** **CA**	**CUPA ROSEVILLE**

CERS ID:		**CUPA:**	Yes
Record ID:	FD18-0900	**CUPA Discount:**	Yes
Record Status:	History	**Balance:**	0
Fiscal Year:	2019	**Fire District:**	7

Details

Insp Status:	Passed	**Inspection Type:**	CUPA Inspection
Insp Date:	12/5/2019 9:50:00 AM	**Inspector:**	Salter
Annual Insp Date:	12/26/2019	**Sched Date:**	2/12/2020
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

5	16 of 20	S	0.04 / 198.49	121.78 / 9	**Independence Precision Machining LLC** **1010 Winding Creek RD, SUITE 150** **CA**	**CUPA ROSEVILLE**

CERS ID:	10653403	**CUPA:**	Yes
Record ID:	FD19-0637	**CUPA Discount:**	No
Record Status:	History	**Balance:**	0
Fiscal Year:	2019	**Fire District:**	7

Details

Insp Status:	Passed	**Inspection Type:**	Biennial CUPA
Insp Date:	12/26/2019 9:02:29 AM	**Inspector:**	Salter
Annual Insp Date:	6/20/2020	**Sched Date:**	12/27/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Failed	**Inspection Type:**	Biennial CUPA
Insp Date:	11/14/2019 3:24:28 PM	**Inspector:**	Salter
Annual Insp Date:	6/20/2020	**Sched Date:**	11/13/2019
Pri Occ:	No		
Occupancy:	F-1 : Moderate Hazard Factory/Industrial		

Details

Insp Status:	Passed	**Inspection Type:**	Biennial CUPA
Insp Date:	12/26/2019 9:02:29 AM	**Inspector:**	Salter

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Annual Insp Date: 6/20/2020 **Sched Date:** 12/27/2019
Pri Occ: No
Occupancy: F-1 : Moderate Hazard Factory/Industrial

Details

Insp Status: Failed **Inspection Type:** Biennial CUPA
Insp Date: 11/14/2019 3:24:28 PM **Inspector:** Salter
Annual Insp Date: 6/20/2020 **Sched Date:** 11/13/2019
Pri Occ: Yes
Occupancy: Hazardous Waste

Details

Insp Status: Failed **Inspection Type:** Biennial CUPA
Insp Date: 12/13/2019 11:53:01 AM **Inspector:** Salter
Annual Insp Date: 6/20/2020 **Sched Date:** 11/28/2019
Pri Occ: No
Occupancy: F-1 : Moderate Hazard Factory/Industrial

Details

Insp Status: Failed **Inspection Type:** Biennial CUPA
Insp Date: 12/13/2019 11:53:01 AM **Inspector:** Salter
Annual Insp Date: 6/20/2020 **Sched Date:** 11/28/2019
Pri Occ: Yes
Occupancy: Hazardous Waste

5	17 of 20	S	0.04 / 198.49	121.78 / 9	**Independence Precision Machining LLC** **1010 Winding Creek RD, SUITE 150** **CA**	**CUPA ROSEVILLE**

CERS ID: 10653403 **CUPA:** Yes
Record ID: FP21-0637 **CUPA Discount:** No
Record Status: Pending **Balance:** 0
Fiscal Year: 2021 **Fire District:** 7

Details

Insp Status: Scheduled **Inspection Type:** Biennial CUPA
Insp Date: **Inspector:** Salter
Annual Insp Date: 1/20/2022 **Sched Date:** 1/20/2022
Pri Occ: Yes
Occupancy: Hazardous Waste

Details

Insp Status: Scheduled **Inspection Type:** Biennial CUPA
Insp Date: **Inspector:** Salter
Annual Insp Date: 1/20/2022 **Sched Date:** 1/20/2022
Pri Occ: No
Occupancy: F-1 : Moderate Hazard Factory/Industrial

5	18 of 20	S	0.04 / 198.49	121.78 / 9	**Lennox Store** **1010 WINDING CREEK RD, STE 100** **CA**	**CUPA ROSEVILLE**

CERS ID: **CUPA:** Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record ID: FP20-0900 **CUPA Discount:** No
Record Status: History **Balance:** 0
Fiscal Year: 2020 **Fire District:** 7

Details

Insp Status: Passed **Inspection Type:** CUPA Inspection
Insp Date: 9/17/2020 9:12:36 AM **Inspector:** Salter
Annual Insp Date: 12/10/2020 **Sched Date:** 9/30/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	19 of 20	S	0.04 / 198.49	121.78 / 9	Independence Precision Machining LLC 1010 Winding Creek RD, SUITE 150 CA	CUPA ROSEVILLE

CERS ID: 10653403 **CUPA:** Yes
Record ID: FP20-0637 **CUPA Discount:** No
Record Status: History **Balance:** 387
Fiscal Year: 2020 **Fire District:** 7

Details

Insp Status: Passed **Inspection Type:** CUPA CERS Review
Insp Date: 8/27/2020 6:42:00 AM **Inspector:** Salter
Annual Insp Date: 1/20/2021 **Sched Date:** 1/20/2021
Pri Occ: No
Occupancy: F-1 : Moderate Hazard Factory/Industrial

Details

Insp Status: Passed **Inspection Type:** CUPA CERS Review
Insp Date: 8/27/2020 6:42:00 AM **Inspector:** Salter
Annual Insp Date: 1/20/2021 **Sched Date:** 1/20/2021
Pri Occ: Yes
Occupancy: Hazardous Waste

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
5	20 of 20	S	0.04 / 198.49	121.78 / 9	Lennox Store 1010 WINDING CREEK RD, STE 100 CA	CUPA ROSEVILLE

CERS ID: **CUPA:** Yes
Record ID: FP21-0900 **CUPA Discount:** No
Record Status: Pending **Balance:** 0
Fiscal Year: 2021 **Fire District:** 7

Details

Insp Status: Scheduled **Inspection Type:** CUPA Inspection
Insp Date: **Inspector:** Salter
Annual Insp Date: 12/10/2021 **Sched Date:** 12/10/2021
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	1 of 19	SSE	0.04 / 201.62	117.54 / 5	Universal Plastics 1020 WINDING CREEK RD CA	DELISTED COUNTY

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Delisted County Records

Original Source Facility ID:
Original Source Name: Placer County - City of Roseville CUPA Facilities
Record Date: 10-JAN-2017

6	2 of 19	SSE	0.04 / 201.62	117.54 / 5	E2C Remediation 1020 WINDING CREEK RD CA	DELISTED COUNTY

Delisted County Records

Original Source Facility ID:
Original Source Name: Placer County - City of Roseville CUPA Facilities
Record Date: 10-JAN-2017

6	3 of 19	SSE	0.04 / 201.62	117.54 / 5	Universal Plastics, Inc. 1020 WINDING CREEK RD STE 130 ROSEVILLE CA 95678	CERS HAZ

Site ID: 164828
Latitude: 38.798400
Longitude: -121.310850
County:

Regulated Programs

EI ID: 10446520 ***EI Description:*** Chemical Storage Facilities

Violations

Violation Date: 03/29/2018 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Returned to compliance on 04/18/2018.

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violations

Violation Date: 05/07/2015 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 06/05/2015.

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 03/29/2018
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Roseville City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 04/18/2018. Update 24 federal hazard classes for each chemical

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Evaluations

Eval Date: 05/11/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 05/07/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/27/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

CERS review conducted by Chris Salter; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 12/18/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Site inspection refused by business; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/29/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 04/28/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 01/25/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Annual Inspection; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/01/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Operator
Entity Name: Steve Tullgren
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (916) 787-0541

Affil Type Desc: Document Preparer
Entity Name: Lisa Tullgren
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Parent Corporation
Entity Name: Universal Plastics, Inc.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: mark 4 capital

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Title:	
Address:	1020 winding creek road suite 100
City:	roseville
State:	CA
Country:	United States
Zip Code:	95678
Phone:	(916) 367-7851
Affil Type Desc:	Legal Owner
Entity Name:	Steve Tullgren
Entity Title:	
Address:	1020 Winding Creek Rd Ste 130
City:	Roseville
State:	CA
Country:	United States
Zip Code:	95678
Phone:	(916) 804-4271
Affil Type Desc:	Environmental Contact
Entity Name:	Steve Tullgren
Entity Title:	
Address:	1020 Winding Creek Rd Ste 130
City:	Roseville
State:	CA
Country:	
Zip Code:	95678
Phone:	
Affil Type Desc:	Identification Signer
Entity Name:	Lisa Tullgren
Entity Title:	Secretary
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	1020 Winding Creek Rd Ste 130
City:	Roseville
State:	CA
Country:	
Zip Code:	95678
Phone:	
Affil Type Desc:	CUPA District
Entity Name:	Roseville City Fire Dept
Entity Title:	
Address:	316 Vernon Street Suite #480
City:	Roseville
State:	CA
Country:	
Zip Code:	95678
Phone:	(916) 774-5800

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
6	4 of 19	SSE	0.04 / 201.62	117.54 / 5	Universal Plastics 1020 WINDING CREEK RD CA	CUPA ROSEVILLE

CERS ID:	10446520	**CUPA:**	Yes
Record ID:	FD17-0597	**CUPA Discount:**	Yes
Record Status:	History	**Balance:**	0
Fiscal Year:	2017	**Fire District:**	7

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Passed with CUPA Discount	***Inspection Type:***	CUPA Inspection
Insp Date:	4/18/2018 4:53:00 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	4/12/2018
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	3/29/2018 10:48:07 AM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	3/26/2018 2:00:00 PM
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

6	***5 of 19***	***SSE***	***0.04 / 201.62***	***117.54 / 5***	***E2C Remediation 1020 WINDING CREEK RD CA***	***CUPA ROSEVILLE***

CERS ID:	10447342	***CUPA:***	Yes
Record ID:	FD17-0615	***CUPA Discount:***	No
Record Status:	History	***Balance:***	0
Fiscal Year:	2017	***Fire District:***	7

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	6/4/2018 3:18:41 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	4/3/2018 9:00:00 AM
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	6/19/2018 11:21:24 AM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	6/18/2018
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	6/19/2018 11:21:24 AM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	6/18/2018
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Passed with CUPA Discount	***Inspection Type:***	CUPA Inspection
Insp Date:	7/2/2018 3:42:00 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	7/3/2018
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	6/4/2018 3:18:41 PM	***Inspector:***	Walling

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Annual Insp Date: **Sched Date:** 4/3/2018 9:00:00 AM
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids

Details

Insp Status: Passed with CUPA Discount **Inspection Type:** CUPA Inspection
Insp Date: 7/2/2018 3:42:00 PM **Inspector:** Walling
Annual Insp Date: **Sched Date:** 7/3/2018
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

6	6 of 19	SSE	0.04 / 201.62	117.54 / 5	E2C Remediation 1020 WINDING CREEK RD CA	CUPA ROSEVILLE

CERS ID: **CUPA:** Yes
Record ID: FD15-0507 **CUPA Discount:** No
Record Status: History **Balance:** 0
Fiscal Year: 2015 **Fire District:** 7

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 5/3/2016 4:11:00 PM **Inspector:** Walling
Annual Insp Date: **Sched Date:** 5/3/2016
Pri Occ: Yes
Occupancy: CUPA

Details

Insp Status: Passed **Inspection Type:** CUPA Inspection
Insp Date: 6/8/2016 3:46:00 PM **Inspector:** Walling
Annual Insp Date: **Sched Date:** 5/17/2016
Pri Occ: Yes
Occupancy: CUPA

6	7 of 19	SSE	0.04 / 201.62	117.54 / 5	Universal Plastics 1020 WINDING CREEK RD CA	CUPA ROSEVILLE

CERS ID: 10446520 **CUPA:** Yes
Record ID: FD18-0546 **CUPA Discount:** Yes
Record Status: History **Balance:** 0
Fiscal Year: 2018 **Fire District:** 7

Details

Insp Status: Passed **Inspection Type:** CUPA CERS Review
Insp Date: 6/21/2019 1:19:00 PM **Inspector:** Rizzi
Annual Insp Date: 6/20/2020 **Sched Date:** 6/22/2019
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids

6	8 of 19	SSE	0.04 / 201.62	117.54 / 5	E2C Remediation 1020 WINDING CREEK RD CA	CUPA ROSEVILLE

CERS ID: **CUPA:** Yes
Record ID: FD16-0610 **CUPA Discount:** No
Record Status: History **Balance:** 0
Fiscal Year: 2016 **Fire District:** 7

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	5/9/2017 1:50:09 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	5/3/2017
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	6/13/2017 8:41:00 AM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	5/23/2017
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Passed with CUPA Discount	***Inspection Type:***	CUPA Inspection
Insp Date:	6/19/2017 8:42:00 AM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	7/3/2017
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	5/9/2017 1:50:09 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	5/3/2017
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Passed with CUPA Discount	***Inspection Type:***	CUPA Inspection
Insp Date:	6/19/2017 8:42:00 AM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	7/3/2017
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	6/13/2017 8:41:00 AM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	5/23/2017
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

6	***9 of 19***	***SSE***	***0.04 / 201.62***	***117.54 / 5***	***E2C Remediation 1020 WINDING CREEK RD CA***	***CUPA ROSEVILLE***

CERS ID:	10447342	***CUPA:***	Yes
Record ID:	FD18-0786	***CUPA Discount:***	No
Record Status:	History	***Balance:***	0
Fiscal Year:	2018	***Fire District:***	7

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Status:	Passed	**Inspection Type:**	CUPA CERS Review
Insp Date:	6/21/2019 9:14:00 AM	**Inspector:**	Rizzi
Annual Insp Date:	6/20/2020	**Sched Date:**	6/22/2019
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Passed	**Inspection Type:**	CUPA CERS Review
Insp Date:	6/21/2019 9:14:00 AM	**Inspector:**	Rizzi
Annual Insp Date:	6/20/2020	**Sched Date:**	6/22/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

6	10 of 19	SSE	0.04 / 201.62	117.54 / 5	Universal Plastics 1020 WINDING CREEK RD CA	CUPA ROSEVILLE

CERS ID:		**CUPA:**	Yes
Record ID:	FD13-0712	**CUPA Discount:**	Yes
Record Status:	History	**Balance:**	0
Fiscal Year:	2014	**Fire District:**	7

Details

Insp Status:		**Inspection Type:**	
Insp Date:		**Inspector:**	
Annual Insp Date:		**Sched Date:**	
Pri Occ:	Yes		
Occupancy:	CUPA		

6	11 of 19	SSE	0.04 / 201.62	117.54 / 5	Universal Plastics 1020 WINDING CREEK RD CA	CUPA ROSEVILLE

CERS ID:		**CUPA:**	Yes
Record ID:	FD16-0634	**CUPA Discount:**	Yes
Record Status:	History	**Balance:**	0
Fiscal Year:	2016	**Fire District:**	7

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	4/28/2017 12:54:00 PM	**Inspector:**	Anderson
Annual Insp Date:		**Sched Date:**	5/11/2017
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Passed with CUPA Discount	**Inspection Type:**	CUPA Inspection
Insp Date:	5/31/2017 4:37:00 PM	**Inspector:**	Walling
Annual Insp Date:		**Sched Date:**	5/31/2017
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

6	12 of 19	SSE	0.04 / 201.62	117.54 / 5	Universal Plastics 1020 WINDING CREEK RD CA	CUPA ROSEVILLE

CERS ID:		**CUPA:**	Yes
Record ID:	FD15-0509	**CUPA Discount:**	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record Status: History
Fiscal Year: 2015
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 5/11/2016 4:12:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 6/1/2016

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6 | ***13 of 19*** | ***SSE*** | ***0.04 / 201.62*** | ***117.54 / 5*** | ***E2C Remediation 1020 WINDING CREEK RD CA*** | ***CUPA ROSEVILLE***

CERS ID:
Record ID: FD13-0711
Record Status: History
Fiscal Year: 2014
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status:
Insp Date:
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type:
Inspector:
Sched Date:

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6 | ***14 of 19*** | ***SSE*** | ***0.04 / 201.62*** | ***117.54 / 5*** | ***ENVIRONMENTAL ENGINEERING CONSULTING & REMEDIATION INC DBA E2C REMEDIATION 1020 WINDING CREEK RD STE 100 ROSEVILLE CA 95678*** | ***RCRA NON GEN***

EPA Handler ID: CAL000399624
Gen Status Universe: No Report
Contact Name: MICHAEL GEORGE
Contact Address: 233 , TECHNOLOGY WY #7 , , ROCKLIN , CA, 95765 , US
Contact Phone No and Ext: 916-782-8700
Contact Email: MGEORGE@E2CR.NET
Contact Country: US
County Name: PLACER
EPA Region: 09
Land Type:
Receive Date: 20201123
Location Latitude: 38.79902
Location Longitude: -121.311007

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No

Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20140813
Handler Name:	ENVIRONMENTAL ENGINEERING CONSULTING & REMEDIATION INC DBA E2C REMEDIA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20201123
Handler Name:	ENVIRONMENTAL ENGINEERING CONSULTING & REMEDIATION INC DBA E2C REMEDIATION
Source Type:	Deactivation
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	1020 WINDING CREEK RD., #100
Name:	PHILIP GOALWIN	**Street 2:**	
Date Became Current:		**City:**	ROSEVILLE
Date Ended Current:		**State:**	CA
Phone:	916-782-8700	**Country:**	
Source Type:	Implementer	**Zip Code:**	95678-0000
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	1020 WINDING CREEK RD #100
Name:	ENVIR ENGINR CONSLT & REMED INC	**Street 2:**	
Date Became Current:		**City:**	ROSEVILLE
Date Ended Current:		**State:**	CA
Phone:	916-782-8700	**Country:**	
Source Type:	Implementer	**Zip Code:**	95678-0000
Owner/Operator Ind:	Current Operator	**Street No:**	233
Type:	Other	**Street 1:**	TECHNOLOGY WY #7
Name:	ENV ENG CONSULT & REMEDIATION INC	**Street 2:**	
Date Became Current:		**City:**	ROCKLIN
Date Ended Current:		**State:**	CA
Phone:	916-782-8700	**Country:**	US
Source Type:	Deactivation	**Zip Code:**	95765

Historical Handler Details

Receive Dt:	20140813
Generator Code Description:	Not a Generator, Verified
Handler Name:	ENVIRONMENTAL ENGINEERING CONSULTING & REMEDIATION INC DBA E2C REMEDIA

6	***15 of 19***	***SSE***	***0.04 / 201.62***	***117.54 / 5***	***INTERNATIONAL GAME TECHNOLOGY 1020 WINDING CREEK RD STE 120***	***RCRA NON GEN***

EPA Handler ID: CAL000344157
Gen Status Universe: No Report
Contact Name: BOB BULAN
Contact Address: 1020 WINDING CREEK RD. #100 , , ROSEVILLE , CA, 95678 ,
Contact Phone No and Ext: 916-218-1635
Contact Email: BOBBULJAN@SIERRAENERGY.NET
Contact Country:
County Name: PLACER
EPA Region: 09
Land Type:
Receive Date: 20090619
Location Latitude: 38.79902
Location Longitude: -121.311007

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20090619
Handler Name: INTERNATIONAL GAME TECHNOLOGY
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: TOMS SIERRA CO INC
Date Became Current:
Date Ended Current:
Phone: 916-218-1600
Source Type: Implementer
Street No:
Street 1: 1020 WINDING CREEK RD STE 100
Street 2:
City: ROSEVILLE
State: CA
Country:
Zip Code: 95678-7042

Owner/Operator Ind: Current Operator
Type: Other
Name: BOB BULAN
Date Became Current:
Date Ended Current:
Phone: 916-218-1635
Street No:
Street 1: 1020 WINDING CREEK RD. #100
Street 2:
City: ROSEVILLE
State: CA
Country:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Source Type:	Implementer			**Zip Code:**	95678	

6 **16 of 19** **SSE** **0.04 / 201.62** **117.54 / 5** **E2C Remediation**
1020 WINDING CREEK RD
CA
CUPA ROSEVILLE

CERS ID:	10447342	**CUPA:**	Yes
Record ID:	FD19-0612	**CUPA Discount:**	No
Record Status:	History	**Balance:**	0
Fiscal Year:	2019	**Fire District:**	7

Details

Insp Status:	Failed	**Inspection Type:**	Biennial CUPA
Insp Date:	9/24/2019 11:08:11 AM	**Inspector:**	Salter
Annual Insp Date:	6/20/2020	**Sched Date:**	6/20/2020
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Passed	**Inspection Type:**	Biennial CUPA
Insp Date:	5/1/2020 4:28:13 PM	**Inspector:**	Salter
Annual Insp Date:	6/20/2020	**Sched Date:**	5/15/2020
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Passed	**Inspection Type:**	Fire & Life Safety Inspection
Insp Date:	6/16/2020 1:52:00 PM	**Inspector:**	Salter
Annual Insp Date:	6/20/2020	**Sched Date:**	6/16/2020
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Failed	**Inspection Type:**	Biennial CUPA
Insp Date:	9/24/2019 11:08:11 AM	**Inspector:**	Salter
Annual Insp Date:	6/20/2020	**Sched Date:**	6/20/2020
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Passed	**Inspection Type:**	Biennial CUPA
Insp Date:	5/1/2020 4:28:13 PM	**Inspector:**	Salter
Annual Insp Date:	6/20/2020	**Sched Date:**	5/15/2020
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Failed	**Inspection Type:**	Biennial CUPA
Insp Date:	10/24/2019 10:05:34 AM	**Inspector:**	Salter
Annual Insp Date:	6/20/2020	**Sched Date:**	10/8/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Status: Failed
Insp Date: 10/24/2019 10:05:34 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 10/8/2019

Details

Insp Status: Passed
Insp Date: 6/16/2020 1:52:00 PM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: Fire & Life Safety Inspection
Inspector: Salter
Sched Date: 6/16/2020

6	17 of 19	SSE	0.04 / 201.62	117.54 / 5	Universal Plastics 1020 WINDING CREEK RD CA	CUPA ROSEVILLE

CERS ID: 10446520
Record ID: FD19-0757
Record Status: History
Fiscal Year: 2019
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 1/30/2020 12:52:40 PM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 1/1/2020

Details

Insp Status: Failed
Insp Date: 12/18/2019 6:53:17 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 12/17/2019

6	18 of 19	SSE	0.04 / 201.62	117.54 / 5	Universal Plastics 1020 WINDING CREEK RD CA	CUPA ROSEVILLE

CERS ID: 10446520
Record ID: FP21-0757
Record Status: Pending
Fiscal Year: 2021
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 6/20/2022
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 6/20/2022

6	19 of 19	SSE	0.04 / 201.62	117.54 / 5	Universal Plastics 1020 WINDING CREEK RD CA	CUPA ROSEVILLE

CERS ID: 10446520
CUPA: Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record ID: FP20-0757 **CUPA Discount:** No
Record Status: History **Balance:** 0
Fiscal Year: 2020 **Fire District:** 7

Details

Insp Status: Passed **Inspection Type:** CUPA CERS Review
Insp Date: 8/27/2020 7:56:00 AM **Inspector:** Salter
Annual Insp Date: 1/20/2021 **Sched Date:** 6/20/2021
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids

7	1 of 7	E	0.06 / 318.14	111.43 / -1	Blue Ridge Forrest Products 10642 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10587088 **CUPA:** Yes
Record ID: FD17-0658 **CUPA Discount:** No
Record Status: History **Balance:** 0
Fiscal Year: 2017 **Fire District:** 7

Details

Insp Status: Passed with CUPA Discount **Inspection Type:** CUPA Inspection
Insp Date: 5/31/2018 3:20:00 PM **Inspector:** Walling
Annual Insp Date: **Sched Date:** 6/5/2018
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 5/21/2018 4:46:00 PM **Inspector:** Walling
Annual Insp Date: **Sched Date:** 5/24/2018
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

7	2 of 7	E	0.06 / 318.14	111.43 / -1	Blue Ridge Forrest Products 10642 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: **CUPA:** Yes
Record ID: FD16-0666 **CUPA Discount:** No
Record Status: History **Balance:** 0
Fiscal Year: 2016 **Fire District:** 7

Details

Insp Status: Passed with CUPA Discount **Inspection Type:** CUPA Inspection
Insp Date: 6/21/2017 1:18:00 PM **Inspector:** Walling
Annual Insp Date: **Sched Date:** 6/27/2017
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 6/13/2017 3:23:12 PM **Inspector:** Walling
Annual Insp Date: **Sched Date:** 5/31/2017
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	3 of 7	E	0.06 / 318.14	111.43 / -1	Blue Ridge Forrest Products 10642 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD15-0909
Record Status: History
Fiscal Year: 2015
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District:

Details

Insp Status: Passed
Insp Date: 6/14/2016 10:42:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 6/9/2016

Details

Insp Status: Failed
Insp Date: 5/24/2016 8:57:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 6/1/2016

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	4 of 7	E	0.06 / 318.14	111.43 / -1	Blue Ridge Forrest Products 10642 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10587088
Record ID: FD18-0757
Record Status: History
Fiscal Year: 2018
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 6/21/2019 8:58:00 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA CERS Review
Inspector: Rizzi
Sched Date: 6/22/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
7	5 of 7	E	0.06 / 318.14	111.43 / -1	Blue Ridge Forrest Products 10642 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10587088
Record ID: FD19-0590
Record Status: History
Fiscal Year: 2019
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 10/10/2019 10:36:27 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 10/3/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Failed	**Inspection Type:**	Biennial CUPA
Insp Date:	9/19/2019 2:31:24 PM	**Inspector:**	Salter
Annual Insp Date:	6/20/2020	**Sched Date:**	9/19/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

7	6 of 7	E	0.06 / 318.14	111.43 / -1	**Blue Ridge Forrest Products** **10642 INDUSTRIAL AV** **CA**	**CUPA ROSEVILLE**

CERS ID:	10587088	**CUPA:**	Yes
Record ID:	FP20-0590	**CUPA Discount:**	No
Record Status:	History	**Balance:**	0
Fiscal Year:	2020	**Fire District:**	7

Details

Insp Status:	Passed	**Inspection Type:**	Annual Inspection
Insp Date:	9/9/2020 11:43:24 AM	**Inspector:**	Salter
Annual Insp Date:	10/16/2020	**Sched Date:**	9/9/2020
Pri Occ:	No		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Passed	**Inspection Type:**	Annual Inspection
Insp Date:	9/9/2020 11:43:24 AM	**Inspector:**	Salter
Annual Insp Date:	10/16/2020	**Sched Date:**	9/9/2020
Pri Occ:	Yes		
Occupancy:	F-1 : Moderate Hazard Factory/Industrial		

7	7 of 7	E	0.06 / 318.14	111.43 / -1	**Blue Ridge Forrest Products** **10642 INDUSTRIAL AV** **CA**	**CUPA ROSEVILLE**

CERS ID:	10587088	**CUPA:**	Yes
Record ID:	FP21-0590	**CUPA Discount:**	No
Record Status:	Pending	**Balance:**	0
Fiscal Year:	2021	**Fire District:**	7

Details

Insp Status:	Scheduled	**Inspection Type:**	Annual Inspection
Insp Date:		**Inspector:**	Salter
Annual Insp Date:	10/16/2021	**Sched Date:**	10/16/2021
Pri Occ:	Yes		
Occupancy:	F-1 : Moderate Hazard Factory/Industrial		

Details

Insp Status:	Scheduled	**Inspection Type:**	Annual Inspection
Insp Date:		**Inspector:**	Salter
Annual Insp Date:	10/16/2021	**Sched Date:**	10/16/2021
Pri Occ:	No		
Occupancy:	Hazardous Material Storage, Use or Handling		

8	1 of 7	E	0.06 / 326.05	108.91 / -3	**Wells Construction** **10648 INDUSTRIAL AV** **CA**	**CUPA ROSEVILLE**

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CERS ID: 10474468
Record ID: FD16-0952
Record Status: History
Fiscal Year: 2017
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed with CUPA Discount
Insp Date: 11/29/2017 12:51:20 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 8/31/2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	2 of 7	E	0.06 / 326.05	108.91 / -3	Wells Construction 10648 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD13-0490
Record Status: History
Fiscal Year: 2014
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status:
Insp Date:
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type:
Inspector:
Sched Date:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	3 of 7	E	0.06 / 326.05	108.91 / -3	Wells Construction 10648 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10474468
Record ID: FD17-1157
Record Status: History
Fiscal Year: 2018
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 8/27/2018 1:59:53 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 8/27/2018 1:30:00 PM

Details

Insp Status: Passed
Insp Date: 10/25/2018 9:17:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 9/10/2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
8	4 of 7	E	0.06 / 326.05	108.91 / -3	Wells Construction 10648 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD15-0577
CUPA: Yes
CUPA Discount: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record Status: History
Fiscal Year: 2015
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 8/31/2015 9:16:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 8/31/2015

8	5 of 7	E	0.06 / 326.05	108.91 / -3	Wells Construction 10648 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD15-1431
Record Status: History
Fiscal Year: 2016
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 9/7/2016 11:47:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 9/14/2016

Details

Insp Status: Failed
Insp Date: 8/31/2016 1:08:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 9/1/2016

8	6 of 7	E	0.06 / 326.05	108.91 / -3	Wells Construction 10648 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10474468
Record ID: FD18-1032
Record Status: History
Fiscal Year: 2019
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 5/22/2020 11:26:00 AM
Annual Insp Date: 1/30/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 2/13/2020

8	7 of 7	E	0.06 / 326.05	108.91 / -3	Wells Construction 10648 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10474468
Record ID: FP20-1032
Record Status: History
Fiscal Year: 2020
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	10/8/2020 10:21:58 AM	***Inspector:***	Salter
Annual Insp Date:	1/30/2021	***Sched Date:***	10/8/2020
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	10/21/2020 5:06:42 PM	***Inspector:***	Salter
Annual Insp Date:	1/30/2021	***Sched Date:***	10/22/2020
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

9	***1 of 12***	***E***	***0.06 / 338.28***	***106.53 / -6***	***TOP NOTCH AUTO BODY 10640 INDUSTRIAL AVE ROSEVILLE CA 95678***	***EMISSIONS***

2009 Criteria Data

Facility ID:	2611	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	.387
CO:	31	***ROGT:***	.381
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2009 Toxic Data

Facility ID:	2611	***COID:***	PLA
Facility SIC Code:	7532	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	2611	***COID:***	PLA
Facility SIC Code:	7532	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	2611	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	. 3149765361621424079088480873384610090 3

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

			6
CO:	31	***ROGT:***	.31
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2011 Toxic Data

Facility ID:	2611	***COID:***	PLA
Facility SIC Code:	7532	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	2611	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	. 3149765361621424079088480873384610090 36
CO:	31	***ROGT:***	.31
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2012 Toxic Data

Facility ID:	2611	***COID:***	PLA
Facility SIC Code:	7532	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

9	***2 of 12***	***E***	***0.06 / 338.28***	***106.53 / -6***	***TOP NOTCH AUTO BODY 10640 INDUSTRIAL AVE ROSEVILLE CA 95747***	***EMISSIONS***

2013 Criteria Data

Facility ID:	2611	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	. 3149765361621424079088480873384610090 36
CO:	31	***ROGT:***	.31
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2013 Toxic Data

Facility ID:	2611	***COID:***	PLA
Facility SIC Code:	7532	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	2611	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	. 26318453284745419576880251037554408340 93
CO:	31	***ROGT:***	.26
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2014 Toxic Data

Facility ID:	2611	***COID:***	PLA
Facility SIC Code:	7532	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	2611	***CERR Code:***	
Facility SIC Code:	7532	***TOGT:***	. 26318453284745419576880251037554408340 93
CO:	31	***ROGT:***	.26
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:	N	***PM10T:***	

2015 Toxic Data

Facility ID:	2611	***COID:***	PLA
Facility SIC Code:	7532	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	N
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility ID: 2611
Facility SIC Code: 7532
CERR CODE:
TOGT: .26318453284745419576880251037554408340 93
CO: 31
ROGT: .26
Air Basin: SV
COT:
District: PLA
NOXT:
COID: PLA
SOXT:
DISN: PLACER COUNTY APCD
PMT:
CHAPIS:
PM10T:

2016 Toxic Data

Facility ID: 2611
Facility SIC Code: 7532
CERR CODE:
COID: PLA
CO: 31
DISN: PLACER COUNTY APCD
CHAPIS:
TS:
HRA:
CH Index:
AH Index:
Air Basin: SV
District: PLA

9	3 of 12	E	0.06 / 338.28	106.53 / -6	Top Notch Auto Body 10640 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10477354
Record ID: FD16-1250
Record Status: History
Fiscal Year: 2017
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 5/31/2018 2:32:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 12/18/2017

9	4 of 12	E	0.06 / 338.28	106.53 / -6	Top Notch Auto Body 10640 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD13-0489
Record Status: History
Fiscal Year: 2013
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status:
Insp Date:
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type:
Inspector:
Sched Date:

9	5 of 12	E	0.06 / 338.28	106.53 / -6	Top Notch Auto Body 10640 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD15-0935
Record Status: History
CUPA: Yes
CUPA Discount: No
Balance: 0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fiscal Year: 2015 ***Fire District:*** 7

Details

Insp Status: Passed ***Inspection Type:*** Annual Inspection
Insp Date: 1/4/2016 12:50:00 PM ***Inspector:*** Anderson
Annual Insp Date: ***Sched Date:*** 12/17/2015
Pri Occ: Yes
Occupancy: CUPA

Details

Insp Status: Failed ***Inspection Type:*** Annual Inspection
Insp Date: 12/3/2015 1:08:00 PM ***Inspector:*** Anderson
Annual Insp Date: ***Sched Date:*** 12/3/2015
Pri Occ: Yes
Occupancy: CUPA

---

9 ***6 of 12*** ***E*** ***0.06 / 338.28*** ***106.53 / -6*** ***Caliber Collision 10640 INDUSTRIAL AV CA*** ***CUPA ROSEVILLE***

CERS ID: 10477354 ***CUPA:*** Yes
Record ID: FD18-0728 ***CUPA Discount:*** No
Record Status: History ***Balance:*** 0
Fiscal Year: 2018 ***Fire District:*** 7

Details

Insp Status: Passed ***Inspection Type:*** CUPA CERS Review
Insp Date: 6/21/2019 9:03:00 AM ***Inspector:*** Rizzi
Annual Insp Date: 6/20/2020 ***Sched Date:*** 6/22/2019
Pri Occ: Yes
Occupancy: Hazardous Waste

---

9 ***7 of 12*** ***E*** ***0.06 / 338.28*** ***106.53 / -6*** ***Top Notch Auto Body 10640 INDUSTRIAL AV CA*** ***CUPA ROSEVILLE***

CERS ID: ***CUPA:*** Yes
Record ID: FD14-0464 ***CUPA Discount:*** No
Record Status: History ***Balance:*** 0
Fiscal Year: 2014 ***Fire District:*** 7

Details

Insp Status: ***Inspection Type:***
Insp Date: ***Inspector:***
Annual Insp Date: ***Sched Date:***
Pri Occ: Yes
Occupancy: CUPA

---

9 ***8 of 12*** ***E*** ***0.06 / 338.28*** ***106.53 / -6*** ***Caliber Collision 10640 INDUSTRIAL AV CA*** ***CUPA ROSEVILLE***

CERS ID: 10477354 ***CUPA:*** Yes
Record ID: FD18-0134 ***CUPA Discount:*** No
Record Status: History ***Balance:*** 0
Fiscal Year: 2017 ***Fire District:*** 7

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Passed with CUPA Discount	***Inspection Type:***	CUPA Inspection
Insp Date:	5/30/2018 10:24:47 AM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	5/24/2018
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	5/10/2018 12:16:56 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	5/10/2018 11:32:47 AM
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

9	***9 of 12***	***E***	***0.06 / 338.28***	***106.53 / -6***	***Top Notch Auto Body 10640 INDUSTRIAL AV CA***	***CUPA ROSEVILLE***

CERS ID:		***CUPA:***	Yes
Record ID:	FD15-1733	***CUPA Discount:***	No
Record Status:	History	***Balance:***	0
Fiscal Year:	2016	***Fire District:***	7

Details

Insp Status:	Passed	***Inspection Type:***	Annual Inspection
Insp Date:	12/14/2016 11:00:00 AM	***Inspector:***	Anderson
Annual Insp Date:		***Sched Date:***	12/15/2016
Pri Occ:	Yes		
Occupancy:	CUPA		

Details

Insp Status:	Failed	***Inspection Type:***	Annual Inspection
Insp Date:	12/1/2016 12:35:00 PM	***Inspector:***	Anderson
Annual Insp Date:		***Sched Date:***	12/9/2016
Pri Occ:	Yes		
Occupancy:	CUPA		

9	***10 of 12***	***E***	***0.06 / 338.28***	***106.53 / -6***	***Caliber Collision 10640 INDUSTRIAL AV CA***	***CUPA ROSEVILLE***

CERS ID:	10477354	***CUPA:***	Yes
Record ID:	FD19-0595	***CUPA Discount:***	No
Record Status:	History	***Balance:***	0
Fiscal Year:	2019	***Fire District:***	7

Details

Insp Status:	Passed	***Inspection Type:***	Biennial CUPA
Insp Date:	9/19/2019 9:29:27 AM	***Inspector:***	Salter
Annual Insp Date:	6/20/2020	***Sched Date:***	9/19/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

9	***11 of 12***	***E***	***0.06 / 338.28***	***106.53 / -6***	***Caliber Collision 10640 INDUSTRIAL AV CA***	***CUPA ROSEVILLE***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CERS ID: 10477354
Record ID: FP21-0595
Record Status: Pending
Fiscal Year: 2021
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 2/20/2022
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 2/20/2022

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
9	12 of 12	E	0.06 / 338.28	106.53 / -6	Caliber Collision 10640 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10477354
Record ID: FP20-0595
Record Status: History
Fiscal Year: 2020
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 8/27/2020 6:28:00 AM
Annual Insp Date: 2/20/2021
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA CERS Review
Inspector: Salter
Sched Date: 2/20/2021

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
10	1 of 2	W	0.08 / 447.49	109.48 / -3	PASCO scientific 10101 FOOTHILLS BLVD ROSEVILLE CA 95747	CERS HAZ

Site ID: 55657
Latitude: 38.803050
Longitude: -121.316420
County:

Regulated Programs

EI ID: 879267
EI Description: Industrial Facility Storm Water

EI ID: 10398004
EI Description: Hazardous Waste Generator

EI ID: 10398004
EI Description: Chemical Storage Facilities

Violations

Violation Date: 10/02/2021
Violation Program: INDSTW
Citation: 2014-0057-DWQ - Industrial General Permit
Violation Notes:
Violation Source: SMARTS
Violation Division: Water Boards

Discharger failed to recertify the NEC by October 1, 2021

Violation Description:

SW - Failure to meet NEC criteria

Enforcements

Enf Action Date: 10/18/2021
Enf Action Type: Notice of Violation
Enf Action Division: Water Boards
Enf Action Description: Notice of Violation
Enf Action Notes:

Enf Action Program: INDSTW
Enf Action Source: SMARTS

Discharger did not recertify NEC by October 1, 2021

Evaluations

Eval Date: 11/08/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 03/10/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 02/12/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 11/08/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/15/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 12/02/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department

Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/15/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 12/02/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 11/16/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 11/20/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 11/20/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 02/12/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 03/10/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department

Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 11/19/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 03/14/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 02/19/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Industrial Storm Water Compliance Evaluation
Eval Division: Water Boards
Eval Program: INDSTW
Eval Source: SMARTS
Eval Notes:

On 19 February 2020, Regional Water Quality Control Board staff (Staff) inspected the PASCO scientific facility located at 10101 Foothills Blvd in Roseville (Facility). On 02/06/2020, the Facility applied for an NEC. During the inspection, Staff identified that industrial operations were conducted indoors. Staff observed some dumpsters with lids located outdoors. Staff sent an email to the discharger reminding them to cover the dumpsters prior to and during rain events. As long as the dumpsters are covered the Facility qualifies for the NEC.; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/14/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 11/16/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 11/19/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Identification Signer
Entity Name: Richard Briscoe
Entity Title: President
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Parent Corporation
Entity Name: PASCO scientific
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Owner/Operator
Entity Name: PASCO scientific
Entity Title: Operator
Address: 10101 Foothills Blvd
City: Roseville
State: CA
Country:
Zip Code: 95747
Phone:

Affil Type Desc: Document Preparer
Entity Name: Mike Greenside
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: Paul Stokstad
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (916) 786-3800

Affil Type Desc: Property Owner
Entity Name: Paul Stokstad
Entity Title:
Address: 10101 Foothills Blvd
City: Roseville
State: CA
Country: United States
Zip Code: 95747
Phone: (916) 786-3800

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 10101 Foothills Boulevard
City: Roseville

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State: CA
Country:
Zip Code: 95747
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Mike Greenside
Entity Title:
Address: 10101 Foothills Boulevard
City: Roseville
State: CA
Country:
Zip Code: 95747
Phone:

Affil Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title:
Address: 316 Vernon Street Suite #480
City: Roseville
State: CA
Country:
Zip Code: 95678
Phone: (916) 774-5800

Affil Type Desc: Legal Owner
Entity Name: Paul Stokstad
Entity Title:
Address: 10101 Foothills Boulevard
City: Roseville
State: CA
Country: United States
Zip Code: 95747
Phone: (916) 786-3800

Coordinates

Env Int Type Code: HWG
Program ID: 10398004
Latitude: 38.802880
Longitude: -121.315560
Coord Name:
Ref Point Type Desc: Center of a facility or station.

10	2 of 2	W	0.08 / 447.49	109.48 / -3	PASCO SCIENTIFIC 10101 FOOTHILLS BLVD ROSEVILLE CA 95747-7100	RCRA NON GEN

EPA Handler ID: CAL000048864
Gen Status Universe: No Report
Contact Name: SUSAN STROTHERS/SAFETY MANAGER
Contact Address: 10101 FOOTHILLS BLVD , , ROSEVILLE , CA, 95747 ,
Contact Phone No and Ext: 916-786-3800
Contact Email: STROTHERS@PASCO.COM
Contact Country:
County Name: PLACER
EPA Region: 09
Land Type:
Receive Date: 19910625
Location Latitude: 38.802518
Location Longitude: -121.316283

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19910625
Handler Name: PASCO SCIENTIFIC
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: SUSAN STROTHERS/SAFETY MANAGER
Date Became Current:
Date Ended Current:
Phone: 916-786-3800
Source Type: Implementer
Street No:
Street 1: 10101 FOOTHILLS BLVD
Street 2:
City: ROSEVILLE
State: CA
Country:
Zip Code: 95747

Owner/Operator Ind: Current Owner
Type: Other
Name: PAUL STOKSTAD
Date Became Current:
Date Ended Current:
Phone: 916-786-3800
Source Type: Implementer
Street No:
Street 1: 10101 FOOTHILLS BLVD
Street 2:
City: ROSEVILLE
State: CA
Country:
Zip Code: 95747-7100

11	*1 of 8*	*W*	*0.08 / 448.73*	*117.99 / 6*	***PASCO Scientific 10101 FOOTHILLS BL CA***	***CUPA ROSEVILLE***

CERS ID: 10398004
Record ID: FD16-1184
Record Status: History
Fiscal Year: 2017
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed with CUPA Discount
Insp Date: 11/8/2017 10:00:45 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 11/8/2017 9:00:00 AM

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Status: Passed with CUPA Discount
Insp Date: 11/8/2017 10:00:45 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 11/8/2017 9:00:00 AM

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11 | 2 of 8 | W | 0.08 / 448.73 | 117.99 / 6 | PASCO Scientific 10101 FOOTHILLS BL CA | CUPA ROSEVILLE

CERS ID:
Record ID: FD15-0624
Record Status: History
Fiscal Year: 2015
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 12/18/2015 4:48:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 12/18/2015

Details

Insp Status: Failed
Insp Date: 12/2/2015 4:10:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 12/2/2015

Details

Insp Status: Passed
Insp Date: 3/3/2016 5:02:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: Tent
Inspector: Walling
Sched Date: 3/3/2016

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11 | 3 of 8 | W | 0.08 / 448.73 | 117.99 / 6 | PASCO Scientific 10101 FOOTHILLS BL CA | CUPA ROSEVILLE

CERS ID: 10398004
Record ID: FD17-1086
Record Status: History
Fiscal Year: 2018
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 3/14/2019 3:09:39 PM
Annual Insp Date: 3/13/2020
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 3/14/2019 2:00:00 PM

Details

Insp Status: Passed
Insp Date: 3/14/2019 3:09:39 PM
Annual Insp Date: 3/13/2020
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 3/14/2019 2:00:00 PM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Pri Occ: Yes
Occupancy: Hazardous Waste

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11 | **4 of 8** | **W** | **0.08 / 448.73** | **117.99 / 6** | **PASCO Scientific 10101 FOOTHILLS BL CA** | **CUPA ROSEVILLE**

CERS ID:
Record ID: FD16-0332
Record Status: History
Fiscal Year: 2016
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 7/19/2016 4:48:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: Tent
Inspector: Arnett
Sched Date: 7/19/2016

Details

Insp Status: Passed
Insp Date: 12/6/2016 7:44:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 11/30/2016

Details

Insp Status: Failed
Insp Date: 11/16/2016 4:14:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 12/1/2016

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11 | **5 of 8** | **W** | **0.08 / 448.73** | **117.99 / 6** | **PASCO Scientific 10101 FOOTHILLS BL CA** | **CUPA ROSEVILLE**

CERS ID:
Record ID: FD13-0374
Record Status: History
Fiscal Year: 2014
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status:
Insp Date:
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type:
Inspector:
Sched Date:

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11 | **6 of 8** | **W** | **0.08 / 448.73** | **117.99 / 6** | **PASCO Scientific 10101 FOOTHILLS BL CA** | **CUPA ROSEVILLE**

CERS ID: 10398004
Record ID: FD19-0290
Record Status: History
Fiscal Year: 2019
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	2/12/2020 1:54:36 PM	***Inspector:***	Pruter
Annual Insp Date:	3/13/2020	***Sched Date:***	2/12/2020
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	2/12/2020 1:54:36 PM	***Inspector:***	Pruter
Annual Insp Date:	3/13/2020	***Sched Date:***	2/12/2020
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

11	***7 of 8***	***W***	***0.08 / 448.73***	***117.99 / 6***	***PASCO Scientific 10101 FOOTHILLS BL CA***	***CUPA ROSEVILLE***

CERS ID:	10398004	***CUPA:***	Yes
Record ID:	FP21-0290	***CUPA Discount:***	No
Record Status:	Pending	***Balance:***	0
Fiscal Year:	2021	***Fire District:***	7

Details

Insp Status:	Scheduled	***Inspection Type:***	CUPA Inspection
Insp Date:		***Inspector:***	Salter
Annual Insp Date:	3/13/2022	***Sched Date:***	3/13/2022
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Scheduled	***Inspection Type:***	CUPA Inspection
Insp Date:		***Inspector:***	Salter
Annual Insp Date:	3/13/2022	***Sched Date:***	3/13/2022
Pri Occ:	No		
Occupancy:	Hazardous Waste		

11	***8 of 8***	***W***	***0.08 / 448.73***	***117.99 / 6***	***PASCO Scientific 10101 FOOTHILLS BL CA***	***CUPA ROSEVILLE***

CERS ID:	10398004	***CUPA:***	Yes
Record ID:	FP20-0290	***CUPA Discount:***	No
Record Status:	History	***Balance:***	725
Fiscal Year:	2020	***Fire District:***	7

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	10/15/2020 11:56:59 AM	***Inspector:***	Salter
Annual Insp Date:	3/13/2021	***Sched Date:***	10/15/2020
Pri Occ:	No		
Occupancy:	Hazardous Waste		

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Status: Passed
Insp Date: 10/15/2020 11:56:59 AM
Annual Insp Date: 3/13/2021
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/15/2020

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12 | 1 of 3 | WSW | 0.09 / 474.99 | 112.13 / 0 | **PRIDE Industries**
10030 FOOTHILLS BLVD
ROSEVILLE CA 95747 | CERS HAZ

Site ID: 58755
Latitude: 38.801049
Longitude: -121.314771
County:

Regulated Programs

EI ID: 10191103
EI Description: Chemical Storage Facilities

EI ID: 10191103
EI Description: Hazardous Waste Generator

Violations

Violation Date: 03/05/2018
Violation Source: CERS
Violation Program: HW
Violation Division: Roseville City Fire Department
Citation: 40 CFR 1 265.201(c)(3) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.201(c)(3)
Violation Notes:

Returned to compliance on 03/27/2018. Clean oil out of secondary containment on waste tank

Violation Description:

Failure to inspect hazardous waste tanks at least once each operating day for the following, when present:
(1) Discharge control equipment (e.g., waste feed cutoff systems, by-pass systems, and drainage systems) to ensure that it is in good working order;
(2) Data gathered from monitoring equipment (e.g., pressure and temperature gauges) to ensure that the tank is being operated according to its design;
(3) The level of waste in the tank.

Violations

Violation Date: 03/26/2014
Violation Source: CERS
Violation Program: HW
Violation Division: Roseville City Fire Department
Citation: 22 CCR 15 66265.192(k) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(k)
Violation Notes:

Returned to compliance on 03/26/2014.

Violation Description:

Failure of the new hazardous waste tank assessment to include all of the following information:
1) Tank configuration (i.e., horizontal, vertical), material of construction, and gross capacity (in gallons);
2) Design standard(s), if available, according to which the tank and ancillary equipment were or will be constructed and all of the following information:
A) Material of construction; B) material thickness and the method used to determine the thickness; C) description of tank system piping (material, diameter); D) description of any internal and external pumps; and E) sketch or drawing of tank including dimensions.
3) Documented age of the tank system (if tank was previously used), if available, (otherwise, an estimate of the age);
4) Description and evaluation of any leak detection equipment;
5) Description and evaluation of any corrosion protection equipment, devices, or material;
6) Description and evaluation of any spill prevention or overfill equipment;
7) Description and evaluation of secondary containment for the tank system (secondary containment must meet minimum standards as specified in subsections (j)(1) through (j)(3) of this section) including applicable secondary containment for ancillary equipment as required in subsection 66265.193 (f);
8) Hazardous characteristics of the waste(s) that have been or will be handled;
9) Prior to placing a new tank system or component in use, an independent, qualified installation inspector or an independent, qualified, professional engineer, registered in California, either of whom is trained and experienced in the proper installation of tank systems, shall inspect the system or component for the presence of any of the following items and document in writing the results of the inspection:
A) Weld cracks or breaks; B) scrapes of protective coatings; C) corrosion; D) any structural damage or inadequate construction or installation such as

cracks, punctures, damaged fittings. All discrepancies shall be documented in the assessment and remedied before the tank system is placed in use.
10) All new tanks and ancillary equipment shall be tested for tightness prior to being placed in use. The results of the test(s) shall be documented in this assessment. Tank system integrity or leak test requirements must be in compliance with all local requirements. Prior to conducting a tank system integrity test or leak test, contact local agency staff for local requirements.
11) Estimated remaining service life of the tank system based on findings of subsections 1) through 10).

Violations

Violation Date: 01/08/2020 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 01/22/2020.

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 03/16/2015 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.5 Multiple - California Health and Safety Code, Chapter 6.5, Section(s) Multiple
Violation Notes:

Returned to compliance on 04/16/2015.

Violation Description:

Haz Waste Generator Program - Administration/Documentation - General

Violations

Violation Date: 03/26/2014 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(a)
Violation Notes:

Returned to compliance on 04/04/2014.

Violation Description:

Failure to obtain a permit or grant of interim status to accumulate hazardous waste longer than 90 days.

Violations

Violation Date: 03/09/2016 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.40(c) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(c)
Violation Notes:

Returned to compliance on 03/18/2016. Characterize waste generated in board washer room.

Violation Description:

Failure to determine if the waste generated is a hazardous waste and to maintain analysis results for three years.

Evaluations

Eval Date: 03/26/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 03/16/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 08/27/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 03/26/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 03/09/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 03/16/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 01/22/2020
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 01/08/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/27/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

CERS review conducted by Chris Salter; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 03/09/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 01/22/2020
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 01/08/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 05/25/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 03/05/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS

Eval Notes:

Eval Date: 03/05/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 05/25/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 02/28/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Document Preparer
Entity Name: George Neidhardt
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Parent Corporation
Entity Name: PRIDE Industries
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: PRIDE Industries
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (800) 550-6005

Affil Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Address:	316 Vernon Street Suite #480
City:	Roseville
State:	CA
Country:	
Zip Code:	95678
Phone:	(916) 774-5800
Affil Type Desc:	Legal Owner
Entity Name:	N/A - Non Profit Organization
Entity Title:	
Address:	10030 Foothills Blvd
City:	Roseville
State:	CA
Country:	United States
Zip Code:	95747
Phone:	(916) 788-2100
Affil Type Desc:	Identification Signer
Entity Name:	George Neidhardt
Entity Title:	Dir of Facilities and Real Estate
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	
Address:	10030 Foothills Blvd
City:	Roseville
State:	CA
Country:	
Zip Code:	95747
Phone:	
Affil Type Desc:	Environmental Contact
Entity Name:	George Neidhardt
Entity Title:	
Address:	10030 Foothills Blvd
City:	Roseville
State:	CA
Country:	
Zip Code:	95747
Phone:	

Coordinates

Env Int Type Code:	HWG	**Longitude:**	-121.314770
Program ID:	10191103	**Coord Name:**	
Latitude:	38.801050	**Ref Point Type Desc:**	Center of a facility or station.

12	2 of 3	WSW	0.09 / 474.99	112.13 / 0	**PRIDE INDUSTRIES, INC.** **10030 FOOTHILLS BLVD.** **ROSEVILLE CA 95747**	EMISSIONS

2008 Criteria Data

Facility ID:	1779	**CERR Code:**	
Facility SIC Code:	3672	**TOGT:**	. 3576158940397350993377483443708609271523
CO:	31	**ROGT:**	.297
Air Basin:	SV	**COT:**	

District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2008 Toxic Data

Facility ID:	1779	**COID:**	PLA
Facility SIC Code:	3672	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	1779	**CERR Code:**	
Facility SIC Code:	3672	**TOGT:**	.387
CO:	31	**ROGT:**	.322
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2009 Toxic Data

Facility ID:	1779	**COID:**	PLA
Facility SIC Code:	3672	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	1779	**COID:**	PLA
Facility SIC Code:	3672	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	1779	**CERR Code:**	
Facility SIC Code:	3672	**TOGT:**	. 3130644190246839253461770018061408789886
CO:	31	**ROGT:**	.26
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	

CHAPIS: **PM10T:**

2011 Toxic Data

Facility ID: 1779
Facility SIC Code: 3672
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2012 Criteria Data

Facility ID: 1779
Facility SIC Code: 3672
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:

CERR Code:
TOGT: .3130644190246839253461770018061408789886
ROGT: .26
COT:
NOXT:
SOXT:
PMT:
PM10T:

2012 Toxic Data

Facility ID: 1779
Facility SIC Code: 3672
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2013 Criteria Data

Facility ID: 1779
Facility SIC Code: 3672
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:

CERR Code:
TOGT: .3130644190246839253461770018061408789886
ROGT: .26
COT:
NOXT:
SOXT:
PMT:
PM10T:

2013 Toxic Data

Facility ID: 1779
Facility SIC Code: 3672
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2014 Criteria Data

Facility ID:	1779	***CERR Code:***	
Facility SIC Code:	3672	***TOGT:***	. 3128760529482551143200962695547533092659
CO:	31	***ROGT:***	.26
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2014 Toxic Data

Facility ID:	1779	***COID:***	PLA
Facility SIC Code:	3672	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	1779	***CERR Code:***	
Facility SIC Code:	3672	***TOGT:***	. 3128760529482551143200962695547533092659
CO:	31	***ROGT:***	.26
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2015 Toxic Data

Facility ID:	1779	***COID:***	PLA
Facility SIC Code:	3672	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	1779	***CERR CODE:***	
Facility SIC Code:	3672	***TOGT:***	. 3128760529482551143200962695547533092659
CO:	31	***ROGT:***	.26
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2016 Toxic Data

Facility ID:	1779	***TS:***	
Facility SIC Code:	3672	***HRA:***	
CERR CODE:		***CH Index:***	
COID:	PLA	***AH Index:***	
CO:	31	***Air Basin:***	SV
DISN:	PLACER COUNTY APCD	***District:***	PLA
CHAPIS:			

2017 Criteria Data

Facility ID:	1779	***CERR Code:***	
Facility SIC Code:	3672	***TOGT:***	. 34897713598074608904933814681107099879 66
CO:	31	***ROGT:***	.29
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2017 Toxic Data

Facility ID:	1779	***COID:***	PLA
Facility SIC Code:	3672	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2018 Criteria Data

Facility ID:	1779	***CERR Code:***	
Facility SIC Code:	4119	***TOGT:***	. 34897713598074608904933814681107099879 66
CO:	31	***ROGT:***	.29
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2018 Toxic Data

Facility ID:	1779	***COID:***	PLA
Facility SIC Code:	4119	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO: 31
Air Basin: SV
Facility ID: 1779
District: PLA
Facility SIC Code: 4119
CO ID: PLA
DISN: PLACER COUNTY APCD
PM10T:
TOGT: .34897713598074608904933814681107099879 66
PMT:
CHAPIS:
CERR Code:
ROGT: .29
COT:
NOXT:
SOXT:

2019 Toxic Data

CO: 31
Air Basin: SV
Faccility ID: 1779
District: PLA
Facility SIC Code: 4119
COID: PLA
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TS:
Health Risk Asmt:

2020 Criteria Data

CO: 31
Air Basin: SV
Facility ID: 1779
District: PLA
Facility SIC Code: 4119
CO ID: PLA
DISN: PLACER COUNTY APCD
TOGT: .34897713598074608904933814681107099879 66
PMT:
PM10T:
CHAPIS:
CERR Code:
ROGT: .29
COT:
NOXT:
SOXT:

2020 Toxic Data

CO: 31
Air Basin: SV
Facility ID: 1779
District: PLA
Facility SIC Code: 4119
COID: PLA
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
DISN: PLACER COUNTY APCD
CHAPIS:
CHERR Code:
TS:
Health Risk Asmt:

12	*3 of 3*	*WSW*	*0.09 / 474.99*	*112.13 / 0*	***PRIDE INDUSTRIES*** ***10030 FOOTHILLS BLVD*** ***ROSEVILLE CA 95747-0000***	***RCRA NON GEN***

EPA Handler ID: CAL000153772
Gen Status Universe: No Report
Contact Name: GEORGE NEIDHARDT
Contact Address: 10030 FOOTHILLS BLVD DEPT 1850 , , ROSEVILLE , CA, 95747 ,
Contact Phone No and Ext: 916-788-2203
Contact Email: AMBER.WALKER@PRIDEINDUSTRIES.COM
Contact Country:
County Name: PLACER
EPA Region: 09
Land Type:
Receive Date: 20000614
Location Latitude: 38.801157
Location Longitude: -121.314869

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20000614
Handler Name:	PRIDE INDUSTRIES
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	10030 FOOTHILLS BLVD DEPT 1850
Name:	GEORGE NEIDHARDT	***Street 2:***	
Date Became Current:		***City:***	ROSEVILLE
Date Ended Current:		***State:***	CA
Phone:	916-788-2203	***Country:***	
Source Type:	Implementer	***Zip Code:***	95747
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	10030 FOOTHILLS BLVD, DEPT 1850
Name:	MIKE ZIEGLER/PRESIDENT	***Street 2:***	
Date Became Current:		***City:***	ROSEVILLE
Date Ended Current:		***State:***	CA
Phone:	800-550-6005	***Country:***	
Source Type:	Implementer	***Zip Code:***	95747-0000

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
13	*1 of 1*	*ESE*	*0.09 / 489.86*	*111.43 / -1*	***ODYSSEY AUTOMOTIVE 10556 INDUSTRIAL AVE ROSEVILLE CA 95648***	***RCRA NON GEN***

EPA Handler ID:	CAL000434848
Gen Status Universe:	No Report
Contact Name:	ERIC HUFF
Contact Address:	1699 WORTELL DR , , LINCOLN , CA, 95648 ,
Contact Phone No and Ext:	916-822-1658
Contact Email:	ERIC.H@K7AUTOWORKS.COM
Contact Country:	
County Name:	PLACER
EPA Region:	09

Land Type:
Receive Date: 20180410
Location Latitude: 38.80074
Location Longitude: -121.306897

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20180410
Handler Name: ODYSSEY AUTOMOTIVE
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: ERIC HUFF
Date Became Current:
Date Ended Current:
Phone: 916-822-1658
Source Type: Implementer
Street No:
Street 1: 1699 WORTELL DR
Street 2:
City: LINCOLN
State: CA
Country:
Zip Code: 95648

Owner/Operator Ind: Current Operator
Type: Other
Name: ERIC HUFF
Date Became Current:
Date Ended Current:
Phone: 916-822-1658
Source Type: Implementer
Street No:
Street 1: 1699 WORTELL DR
Street 2:
City: LINCOLN
State: CA
Country:
Zip Code: 95648

14	1 of 1	N	0.10 / 503.12	108.42 / -4	Sunset Septage Lagoons South End Of Cincinatti Ave Rocklin CA 95765	SWF/LF

SWIS No: 31-AA-0627
Site ID: 2290
EPA Fed Regist ID:
Site Op Status: Inactive
ARB District: Placer
SWRCB Region: Central Valley
Site Point of Cont: Alvin VoTran
Site ZIP: 95765

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Regulatory Status: Unpermitted
Site is Archived: Yes
Absorbed on:
Absorbed by:
Site Inert Debris Eng Fill: No
Closed Illegal Aband: No
Closed Illegal Aband Cat:
Finance Assuran Responsible: No
Incorporated City: Rocklin
Local Government: Rocklin
Reporting Agency Legal Name: County of Placer
Reporting Agency Department: Department of Health & Human Services, Environmental Health Services
Enforcing Agency Legal Name: County of Placer
Enforcing Agency Department: Department of Health & Human Services, Environmental Health Services
County: Placer
Latitude: 38.80661
Longitude: -121.31203

Site Operators

Site ID: 2290
Site Type: Non-Disposal Only
Is Archived: Yes
Contact Name:
Contact First Name:
Contact Last Name:
Contact Title:
Contact Email:
Operator Name: Rey Huck
Operator Address:
Started on:
Operator City:
Operator State:
Operator ZIP Code:
Operator Phone: (916) 889-7587

Extra Details

Site ID: 2290
EPA Fed Reg ID:
Regulatory Status: Unpermitted
Operational Status: Inactive
Is Archived: Yes
Fin Assuran Resp: No
Site Name: Sunset Septage Lagoons
Enforc Agncy Dept: Department of Health & Human Services, Environmental Health Services
Enforc Agncy Lgl Nm: County of Placer
Closed Illegal Aband: No
Inert Debris Eng Fill: No
Local Government: Rocklin
Enforc Agency:
Absorbed By:
Absorbed On:
Point of Contact: Alvin VoTran
County: Placer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	1 of 4	W	0.10 / 518.34	108.07 / -4	AGILENT TECHNOLOGIES 10050 FOOTHILLS BLVD ROSEVILLE CA 95747	RCRA SQG

EPA Handler ID: CAR000076687
Gen Status Universe: Small Quantity Generator
Contact Name: BILL TANQUARY
Contact Address: 5301 STEVENS CREEK BLVD , , SANTA CLARA , CA, 95052-7877 , US
Contact Phone No and Ext: 408-553-2093
Contact Email:
Contact Country: US
County Name: PLACER
EPA Region: 09
Land Type: Private
Receive Date: 20000626
Location Latitude: 38.80278
Location Longitude: -121.316985

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20000626
Handler Name:	AGILENT TECHNOLOGIES
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Implementer

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20000626
Handler Name:	AGILENT TECHNOLOGIES
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D003
Waste Code Description:	REACTIVE WASTE
Hazardous Waste Code:	D008
Waste Code Description:	LEAD
Hazardous Waste Code:	F003
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Hazardous Waste Code:	F005
Waste Code Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Hazardous Waste Code: D002
Waste Code Description: CORROSIVE WASTE

Hazardous Waste Code: D006
Waste Code Description: CADMIUM

Hazardous Waste Code: D009
Waste Code Description: MERCURY

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: AGILENT TECHNOLOGIES
Date Became Current:
Date Ended Current:
Phone: 650-752-5000
Source Type: Notification
Street No:
Street 1: 395 PAGE MILL RD
Street 2:
City: PALO ALTO
State: CA
Country:
Zip Code: 94306

Owner/Operator Ind: Current Owner
Type: Private
Name: AGILENT TECHNOLOGIES
Date Became Current:
Date Ended Current:
Phone: 650-752-5000
Source Type: Implementer
Street No:
Street 1: 395 PAGE MILL RD
Street 2:
City: PALO ALTO
State: CA
Country:
Zip Code: 94306

Historical Handler Details

Receive Dt: 20000626
Generator Code Description: Large Quantity Generator
Handler Name: AGILENT TECHNOLOGIES

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	2 of 4	W	0.10 / 518.34	108.07 / -4	Keysight Technologies (Roseville, CA) 10050 FOOTHILLS BLVD ROSEVILLE CA 95747	CERS HAZ

Site ID: 127791
Latitude: 38.801983
Longitude: -121.318756
County:

Regulated Programs

EI ID: 10412713
EI Description: Chemical Storage Facilities

EI ID: 10412713
EI Description: Hazardous Waste Generator

Violations

Violation Date: 10/25/2017
Violation Program: HMRRP
Violation Source: CERS
Violation Division: Roseville City Fire Department
Citation: HSC 6.95 25505(a)(4) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)(4)
Violation Notes:

Returned to compliance on 11/13/2017.

Violation Description:

Failure to provide initial and annual training to all employees in safety procedures in the event of a release or threatened release of a hazardous material or failure to document and maintain training records for a minimum of three years.

Violations

Violation Date: 12/13/2016
Violation Source: CERS
Violation Program: HMRRP
Violation Division: Roseville City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 02/10/2017. Renewal due Feb

Violation Description:

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Evaluations

Eval Date: 09/30/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/25/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 02/14/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/25/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 02/14/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/21/2020

Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 09/08/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 09/30/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 09/08/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 09/26/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 12/13/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 12/13/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/02/2013

Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/02/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/02/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 09/08/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/21/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 09/08/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 11/13/2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

RNSP from 10/25; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 09/26/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Property Owner
Entity Name: John Miller
Entity Title:
Address: 27462 Sunrise Farm Road
City: Los Altos
State: CA
Country: United States
Zip Code: 94022
Phone: (650) 917-1514

Affil Type Desc: Parent Corporation
Entity Name: Keysight Technologies, Inc (Roseville, CA)
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: Keysight Technologies
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (916) 788-5571

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 10050 Foothills Blvd
City: Roseville
State: CA
Country:
Zip Code: 95747
Phone:

Affil Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title:
Address: 316 Vernon Street Suite #480
City: Roseville
State: CA
Country:
Zip Code: 95678
Phone: (916) 774-5800

Affil Type Desc: Identification Signer
Entity Name: Terri Hudson
Entity Title: Roseville Workplace Solutions Site Manager
Address:
City:

State:
Country:
Zip Code:
Phone:

Affil Type Desc: Document Preparer
Entity Name: Rick Miller
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Rick Miller
Entity Title:
Address: 5301 Stevens Creek Boulevard Mail Stop #4ATC
City: Santa Clara
State: CA
Country:
Zip Code: 95051
Phone:

Affil Type Desc: Legal Owner
Entity Name: Keysight Technologies
Entity Title:
Address: 1400 Fountaingrove Pkwy
City: Santa Rosa
State: CA
Country: United States
Zip Code: 95403
Phone: (707) 577-3000

Coordinates

Env Int Type Code: HWG
Program ID: 10412713
Latitude: 38.801980
Longitude: -121.318760
Coord Name:
Ref Point Type Desc: Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	3 of 4	W	0.10 / 518.34	108.07 / -4	KEYSIGHT TECHNOLOGIES 10050 FOOTHILLS BLVD ROSEVILLE CA 95747	EMISSIONS

2014 Criteria Data

Facility ID: 1700
Facility SIC Code: 7371
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: .01180102447353443369379624359704040978 94
ROGT: .0103672
COT: .0238761
NOXT: .0527788
SOXT: .005969
PMT: .00708145491803278688524590163934426229 5082
PM10T: .0069115

2014 Toxic Data

Facility ID: 1700
Facility SIC Code: 7371
COID: PLA
DISN: PLACER COUNTY APCD

CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
CHAPIS:
CERR Code:

2015 Criteria Data

Facility ID: 1700
Facility SIC Code: 7371
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS: N
CERR Code:
TOGT: .011801024473534433693796243597040409789494
ROGT: .0103672
COT: .0238761
NOXT: .0527788
SOXT: .005969
PMT: .007081454918032786885245901639344262295082
PM10T: .0069115

2015 Toxic Data

Facility ID: 1700
Facility SIC Code: 7371
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS: N
CERR Code:

2016 Criteria Data

Facility ID: 1700
Facility SIC Code: 7371
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR CODE:
TOGT: .011801024473534433693796243597040409789494
ROGT: .0103672
COT: .0238761
NOXT: .0527788
SOXT: .005969
PMT: .007081454918032786885245901639344262295082
PM10T: .0069115

2016 Toxic Data

Facility ID: 1700
Facility SIC Code: 7371
CERR CODE:
COID: PLA
CO: 31
DISN: PLACER COUNTY APCD
CHAPIS:
TS:
HRA:
CH Index:
AH Index:
Air Basin: SV
District: PLA

2017 Criteria Data

Facility ID: 1700
CERR Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility SIC Code:	7371	***TOGT:***	.011801024473534433693796243597040409789494
CO:	31	***ROGT:***	.0103672
Air Basin:	SV	***COT:***	.0238761
District:	PLA	***NOXT:***	.0527788
COID:	PLA	***SOXT:***	.005969
DISN:	PLACER COUNTY APCD	***PMT:***	.006953219315895372233400402414486921529175
CHAPIS:		***PM10T:***	.0069115

2017 Toxic Data

Facility ID:	1700	***COID:***	PLA
Facility SIC Code:	7371	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2018 Criteria Data

Facility ID:	1700	***CERR Code:***	
Facility SIC Code:	7371	***TOGT:***	.011801024473534433693796243597040409789494
CO:	31	***ROGT:***	.0103672
Air Basin:	SV	***COT:***	.0238761
District:	PLA	***NOXT:***	.0527788
COID:	PLA	***SOXT:***	.005969
DISN:	PLACER COUNTY APCD	***PMT:***	.006953219315895372233400402414486921529175
CHAPIS:		***PM10T:***	.0069115

2018 Toxic Data

Facility ID:	1700	***COID:***	PLA
Facility SIC Code:	7371	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
Facility ID:	1700	***ROGT:***	.0103672
District:	PLA	***COT:***	.0238761
Facility SIC Code:	7371	***NOXT:***	.0527788
CO ID:	PLA	***SOXT:***	.005969
DISN:	PLACER COUNTY APCD		
PM10T:	.0069115		
TOGT:	.011801024473534433693796243597040409789494		
PMT:	.006953219315895372233400402414486921529175		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2019 Toxic Data

CO:	31	***DISN:***	PLACER COUNTY APCD
Air Basin:	SV	***CHAPIS:***	
Faccility ID:	1700	***CERR Code:***	
District:	PLA	***TS:***	
Facility SIC Code:	7371	***Health Risk Asmt:***	
COID:	PLA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2020 Criteria Data

CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
Facility ID:	1700	***ROGT:***	.0103672
District:	PLA	***COT:***	.0238761
Facility SIC Code:	7371	***NOXT:***	.0527788
CO ID:	PLA	***SOXT:***	.005969
DISN:	PLACER COUNTY APCD		
TOGT:	.011801024473534433693796243597040409789 4		
PMT:	.006953219315895372233400402414486921529175		
PM10T:	.0069115		

2020 Toxic Data

CO:	31	***DISN:***	PLACER COUNTY APCD
Air Basin:	SV	***CHAPIS:***	
Facility ID:	1700	***CHERR Code:***	
District:	PLA	***TS:***	
Facility SIC Code:	7371	***Health Risk Asmt:***	
COID:	PLA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
15	*4 of 4*	*W*	*0.10 / 518.34*	*108.07 / -4*	***AGILENT TECHNOLOGIES*** ***10050 FOOTHILLS BLVD*** ***ROSEVILLE CA 95747***	***EMISSIONS***

2008 Criteria Data

Facility ID:	1700	***CERR Code:***	
Facility SIC Code:	7371	***TOGT:***	. 0133624955181068483327357475797776980997
CO:	31	***ROGT:***	.0111804
Air Basin:	SV	***COT:***	.0257488
District:	PLA	***NOXT:***	.0569184
COID:	PLA	***SOXT:***	.0064372
DISN:	PLACER COUNTY APCD	***PMT:***	. 0076368852459016393442622950819672131114754
CHAPIS:		***PM10T:***	.0074536

2008 Toxic Data

Facility ID:	1700	***COID:***	PLA
Facility SIC Code:	7371	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			

Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2009 Criteria Data

Facility ID:	1700	***CERR Code:***	
Facility SIC Code:	7371	***TOGT:***	.012
CO:	31	***ROGT:***	.0103672
Air Basin:	SV	***COT:***	.0238761
District:	PLA	***NOXT:***	.0527788
COID:	PLA	***SOXT:***	.005969
DISN:	PLACER COUNTY APCD	***PMT:***	.007
CHAPIS:		***PM10T:***	.0069115

2009 Toxic Data

Facility ID:	1700	***COID:***	PLA
Facility SIC Code:	7371	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	1700	***COID:***	PLA
Facility SIC Code:	7371	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	1700	***CERR Code:***	
Facility SIC Code:	7371	***TOGT:***	. 0123905820485239631887175809728696067886
CO:	31	***ROGT:***	.0103672
Air Basin:	SV	***COT:***	.0238761
District:	PLA	***NOXT:***	.0527788
COID:	PLA	***SOXT:***	.005969
DISN:	PLACER COUNTY APCD	***PMT:***	. 0070814549180327868852459016393442622950 82
CHAPIS:		***PM10T:***	.0069115

2011 Toxic Data

Facility ID:	1700	***COID:***	PLA
Facility SIC Code:	7371	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			

Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2012 Criteria Data

Facility ID: 1700
Facility SIC Code: 7371
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: .012390582048523963188717580972869606786
ROGT: .0103672
COT: .0238761
NOXT: .0527788
SOXT: .005969
PMT: .007081454918032786885245901639344262295082
PM10T: .0069115

2012 Toxic Data

Facility ID: 1700
Facility SIC Code: 7371
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2013 Criteria Data

Facility ID: 1700
Facility SIC Code: 7371
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: .012390582048523963188717580972869606786
ROGT: .0103672
COT: .0238761
NOXT: .0527788
SOXT: .005969
PMT: .007081454918032786885245901639344262295082
PM10T: .0069115

2013 Toxic Data

Facility ID: 1700
Facility SIC Code: 7371
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

16	*1 of 10*	*W*	*0.10 / 529.03*	*108.47 / -4*	***Keysight Technologies*** ***10050 FOOTHILLS BL, SUITE 120*** ***CA***	***CUPA ROSEVILLE***

CERS ID: 10412713
Record ID: FD17-0637
Record Status: History
CUPA: Yes
CUPA Discount: Yes
Balance: 0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fiscal Year: 2017 **Fire District:** 7

Details

Insp Status: Passed with CUPA Discount **Inspection Type:** CUPA Inspection
Insp Date: 11/13/2017 4:11:00 PM **Inspector:** Walling
Annual Insp Date: **Sched Date:** 11/8/2017
Pri Occ: Yes
Occupancy: AST

Details

Insp Status: Passed **Inspection Type:** Fire & Life Safety Inspection
Insp Date: 10/4/2017 9:05:00 AM **Inspector:** Arnett
Annual Insp Date: **Sched Date:** 7/24/2017
Pri Occ: Yes
Occupancy: AST

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 10/25/2017 10:23:57 AM **Inspector:** Walling
Annual Insp Date: **Sched Date:** 10/25/2017 9:00:00 AM
Pri Occ: Yes
Occupancy: Hazardous Waste

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 10/25/2017 10:23:57 AM **Inspector:** Walling
Annual Insp Date: **Sched Date:** 10/25/2017 9:00:00 AM
Pri Occ: Yes
Occupancy: AST

Details

Insp Status: Passed with CUPA Discount **Inspection Type:** CUPA Inspection
Insp Date: 11/13/2017 4:11:00 PM **Inspector:** Walling
Annual Insp Date: **Sched Date:** 11/8/2017
Pri Occ: Yes
Occupancy: Hazardous Waste

Details

Insp Status: Passed **Inspection Type:** Fire & Life Safety Inspection
Insp Date: 10/4/2017 9:05:00 AM **Inspector:** Arnett
Annual Insp Date: **Sched Date:** 7/24/2017
Pri Occ: Yes
Occupancy: Hazardous Waste

---

16 ***2 of 10*** ***W*** ***0.10 / 529.03*** ***108.47 / -4*** ***Keysight Technologies***
10050 FOOTHILLS BL, SUITE 120
CA
CUPA ROSEVILLE

CERS ID: **CUPA:** Yes
Record ID: FD14-0491 **CUPA Discount:** Yes
Record Status: History **Balance:** 0
Fiscal Year: 2014 **Fire District:** 7

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Status:
Insp Date:
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type:
Inspector:
Sched Date:

---

16 | **3 of 10** | **W** | **0.10 / 529.03** | **108.47 / -4** | **Keysight Technologies**
10050 FOOTHILLS BL, SUITE 120
CA
CUPA ROSEVILLE

CERS ID:
Record ID: FD15-0549
Record Status: History
Fiscal Year: 2015
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 10/16/2015 8:28:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 9/8/2015

---

16 | **4 of 10** | **W** | **0.10 / 529.03** | **108.47 / -4** | **Agilent Technologies**
10050 FOOTHILLS BL
CA
CUPA ROSEVILLE

CERS ID:
Record ID: FD13-0373
Record Status: History
Fiscal Year: 2014
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status:
Insp Date:
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type:
Inspector:
Sched Date:

---

16 | **5 of 10** | **W** | **0.10 / 529.03** | **108.47 / -4** | **Keysight Technologies**
10050 FOOTHILLS BL, SUITE 120
CA
CUPA ROSEVILLE

CERS ID:
Record ID: FD15-1555
Record Status: History
Fiscal Year: 2016
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 12/21/2016 11:23:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 12/13/2016

Details

Insp Status: Failed
Insp Date: 12/13/2016 4:13:00 PM
Inspection Type: CUPA Inspection
Inspector: Richter

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Annual Insp Date: **Sched Date:** 12/13/2016
Pri Occ: Yes
Occupancy: CUPA

---

16 | **6 of 10** | **W** | **0.10 / 529.03** | **108.47 / -4** | **Keysight Technologies**
10050 FOOTHILLS BL, SUITE 120
CA

DB: CUPA ROSEVILLE

CERS ID: 10412713
Record ID: FD17-1056
Record Status: History
Fiscal Year: 2018
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 10/9/2018 5:23:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/9/2018

Details

Insp Status: Passed
Insp Date: 10/9/2018 5:23:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/9/2018

Details

Insp Status: Failed
Insp Date: 9/7/2018 3:02:54 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 9/7/2018 1:00:00 PM

Details

Insp Status: Failed
Insp Date: 9/7/2018 3:02:54 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 9/7/2018 1:00:00 PM

---

16 | **7 of 10** | **W** | **0.10 / 529.03** | **108.47 / -4** | **Keysight Technologies**
10050 FOOTHILLS BL, SUITE 120
CA

DB: CUPA ROSEVILLE

CERS ID: 10412713
Record ID: FD18-1075
Record Status: History
Fiscal Year: 2019
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 3/8/2020 12:44:22 PM
Annual Insp Date: 2/14/2020
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 2/28/2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	3/8/2020 12:44:22 PM	***Inspector:***	Salter
Annual Insp Date:	2/14/2020	***Sched Date:***	2/28/2020
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	2/14/2020 2:09:52 PM	***Inspector:***	Salter
Annual Insp Date:	2/14/2020	***Sched Date:***	2/14/2020
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	2/14/2020 2:09:52 PM	***Inspector:***	Salter
Annual Insp Date:	2/14/2020	***Sched Date:***	2/14/2020
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

16	***8 of 10***	***W***	***0.10 / 529.03***	***108.47 / -4***	***Keysight Technologies*** ***10050 FOOTHILLS BL, SUITE 120*** ***CA***	***CUPA ROSEVILLE***

CERS ID:	10412713	***CUPA:***	Yes
Record ID:	FP22-1944	***CUPA Discount:***	No
Record Status:	Pending	***Balance:***	0
Fiscal Year:	2022	***Fire District:***	7

Details

Insp Status:	Scheduled	***Inspection Type:***	CUPA Inspection
Insp Date:		***Inspector:***	Salter
Annual Insp Date:	2/14/2023	***Sched Date:***	2/14/2023
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Scheduled	***Inspection Type:***	CUPA Inspection
Insp Date:		***Inspector:***	Salter
Annual Insp Date:	2/14/2023	***Sched Date:***	2/14/2023
Pri Occ:	No		
Occupancy:	Hazardous Waste		

16	***9 of 10***	***W***	***0.10 / 529.03***	***108.47 / -4***	***Keysight Technologies*** ***10050 FOOTHILLS BL, SUITE 120*** ***CA***	***CUPA ROSEVILLE***

CERS ID:	10412713	***CUPA:***	Yes
Record ID:	FP21-1944	***CUPA Discount:***	No
Record Status:	Pending	***Balance:***	0
Fiscal Year:	2021	***Fire District:***	7

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Status:	Scheduled	**Inspection Type:**	CUPA Inspection
Insp Date:		**Inspector:**	Salter
Annual Insp Date:	2/14/2022	**Sched Date:**	10/21/2021
Pri Occ:	No		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Scheduled	**Inspection Type:**	CUPA Inspection
Insp Date:		**Inspector:**	Salter
Annual Insp Date:	2/14/2022	**Sched Date:**	10/21/2021
Pri Occ:	Yes		
Occupancy:	AST		

16	*10 of 10*	*W*	*0.10 / 529.03*	*108.47 / -4*	***Keysight Technologies*** ***10050 FOOTHILLS BL, SUITE 120*** ***CA***	***CUPA ROSEVILLE***

CERS ID:	10412713	**CUPA:**	Yes
Record ID:	FP20-1075	**CUPA Discount:**	No
Record Status:	History	**Balance:**	725
Fiscal Year:	2020	**Fire District:**	7

Details

Insp Status:	Passed	**Inspection Type:**	CUPA Inspection
Insp Date:	10/21/2020 12:39:54 PM	**Inspector:**	Salter
Annual Insp Date:	2/14/2021	**Sched Date:**	10/13/2020
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Passed	**Inspection Type:**	CUPA Inspection
Insp Date:	10/21/2020 12:39:54 PM	**Inspector:**	Salter
Annual Insp Date:	2/14/2021	**Sched Date:**	10/13/2020
Pri Occ:	No		
Occupancy:	Hazardous Waste		

17	*1 of 8*	*WSW*	*0.10 / 534.60*	*113.35 / 1*	***Pride Industries*** ***10030 FOOTHILLS BL*** ***CA***	***CUPA ROSEVILLE***

CERS ID:	10191103	**CUPA:**	Yes
Record ID:	FD17-0253	**CUPA Discount:**	Yes
Record Status:	History	**Balance:**	0
Fiscal Year:	2017	**Fire District:**	7

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	3/5/2018 3:27:33 PM	**Inspector:**	Walling
Annual Insp Date:		**Sched Date:**	3/5/2018 1:30:00 PM
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	3/5/2018 3:27:33 PM	**Inspector:**	Walling

Annual Insp Date: ***Sched Date:*** 3/5/2018 1:30:00 PM
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids

Details

Insp Status: Passed with CUPA Discount ***Inspection Type:*** CUPA Inspection
Insp Date: 3/27/2018 4:56:00 PM ***Inspector:*** Walling
Annual Insp Date: ***Sched Date:*** 3/19/2018
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids

Details

Insp Status: Passed with CUPA Discount ***Inspection Type:*** CUPA Inspection
Insp Date: 3/27/2018 4:56:00 PM ***Inspector:*** Walling
Annual Insp Date: ***Sched Date:*** 3/19/2018
Pri Occ: Yes
Occupancy: Hazardous Waste

Details

Insp Status: Passed with CUPA Discount ***Inspection Type:*** CUPA Inspection
Insp Date: 3/27/2018 4:56:00 PM ***Inspector:*** Walling
Annual Insp Date: ***Sched Date:*** 3/19/2018
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

Details

Insp Status: Failed ***Inspection Type:*** CUPA Inspection
Insp Date: 3/5/2018 3:27:33 PM ***Inspector:*** Walling
Annual Insp Date: ***Sched Date:*** 3/5/2018 1:30:00 PM
Pri Occ: Yes
Occupancy: Hazardous Waste

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17 ***2 of 8*** ***WSW*** ***0.10 / 534.60*** ***113.35 / 1*** ***Pride Industries 10030 FOOTHILLS BL CA*** ***CUPA ROSEVILLE***

CERS ID: ***CUPA:*** Yes
Record ID: FD13-0372 ***CUPA Discount:*** Yes
Record Status: History ***Balance:*** 0
Fiscal Year: 2014 ***Fire District:*** 7

Details

Insp Status: ***Inspection Type:***
Insp Date: ***Inspector:***
Annual Insp Date: ***Sched Date:***
Pri Occ: Yes
Occupancy: CUPA

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17 ***3 of 8*** ***WSW*** ***0.10 / 534.60*** ***113.35 / 1*** ***Pride Industries 10030 FOOTHILLS BL CA*** ***CUPA ROSEVILLE***

CERS ID: ***CUPA:*** Yes
Record ID: FD15-0487 ***CUPA Discount:*** Yes
Record Status: History ***Balance:*** 0
Fiscal Year: 2015 ***Fire District:*** 7

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	3/9/2016 12:46:00 PM	***Inspector:***	Anderson
Annual Insp Date:		***Sched Date:***	6/1/2016
Pri Occ:	Yes		
Occupancy:	CUPA		

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	3/18/2016 5:28:00 PM	***Inspector:***	Anderson
Annual Insp Date:		***Sched Date:***	3/23/2016
Pri Occ:	Yes		
Occupancy:	CUPA		

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17 ***4 of 8*** ***WSW*** ***0.10 / 534.60*** ***113.35 / 1*** ***Pride Industries 10030 FOOTHILLS BL CA*** ***CUPA ROSEVILLE***

CERS ID:	10191103	***CUPA:***	Yes
Record ID:	FD18-0370	***CUPA Discount:***	Yes
Record Status:	History	***Balance:***	0
Fiscal Year:	2018	***Fire District:***	7

Details

Insp Status:	Passed	***Inspection Type:***	CUPA CERS Review
Insp Date:	6/21/2019 10:37:00 AM	***Inspector:***	Rizzi
Annual Insp Date:	6/20/2020	***Sched Date:***	6/22/2019
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

Details

Insp Status:	Passed	***Inspection Type:***	CUPA CERS Review
Insp Date:	6/21/2019 10:37:00 AM	***Inspector:***	Rizzi
Annual Insp Date:	6/20/2020	***Sched Date:***	6/22/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Passed	***Inspection Type:***	CUPA CERS Review
Insp Date:	6/21/2019 10:37:00 AM	***Inspector:***	Rizzi
Annual Insp Date:	6/20/2020	***Sched Date:***	6/22/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

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17 ***5 of 8*** ***WSW*** ***0.10 / 534.60*** ***113.35 / 1*** ***Pride Industries 10030 FOOTHILLS BL CA*** ***CUPA ROSEVILLE***

CERS ID:		***CUPA:***	Yes
Record ID:	FD16-0357	***CUPA Discount:***	Yes
Record Status:	History	***Balance:***	0
Fiscal Year:	2016	***Fire District:***	7

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Status: Failed
Insp Date: 2/28/2017 2:40:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 3/9/2017

Details

Insp Status: Passed with CUPA Discount
Insp Date: 3/23/2017 12:35:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 3/14/2017

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17 | 6 of 8 | WSW | 0.10 / 534.60 | 113.35 / 1 | Pride Industries 10030 FOOTHILLS BL CA | CUPA ROSEVILLE

CERS ID: 10191103
Record ID: FD19-0674
Record Status: History
Fiscal Year: 2019
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 1/8/2020 10:13:58 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 12/4/2019

Details

Insp Status: Passed
Insp Date: 1/22/2020 7:10:05 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 1/22/2020

Details

Insp Status: Failed
Insp Date: 1/8/2020 10:13:58 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 12/4/2019

Details

Insp Status: Passed
Insp Date: 1/22/2020 7:10:05 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 1/22/2020

Details

Insp Status: Failed
Insp Date: 1/8/2020 10:13:58 AM
Annual Insp Date: 6/20/2020
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 12/4/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids

Details

Insp Status: Passed
Insp Date: 1/22/2020 7:10:05 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Flammable or Combustible Liquids
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 1/22/2020

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17 | **7 of 8** | **WSW** | **0.10 / 534.60** | **113.35 / 1** | **Pride Industries 10030 FOOTHILLS BL CA** | **CUPA ROSEVILLE**

CERS ID: 10191103
Record ID: FP20-0674
Record Status: History
Fiscal Year: 2020
CUPA: Yes
CUPA Discount: No
Balance: 725
Fire District: 7

Details

Insp Status: Passed
Insp Date: 8/27/2020 7:28:00 AM
Annual Insp Date: 2/20/2021
Pri Occ: No
Occupancy: Hazardous Waste
Inspection Type: CUPA CERS Review
Inspector: Salter
Sched Date: 6/20/2021

Details

Insp Status: Passed
Insp Date: 8/27/2020 7:28:00 AM
Annual Insp Date: 2/20/2021
Pri Occ: No
Occupancy: Flammable or Combustible Liquids
Inspection Type: CUPA CERS Review
Inspector: Salter
Sched Date: 6/20/2021

Details

Insp Status: Passed
Insp Date: 8/27/2020 7:28:00 AM
Annual Insp Date: 2/20/2021
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA CERS Review
Inspector: Salter
Sched Date: 6/20/2021

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17 | **8 of 8** | **WSW** | **0.10 / 534.60** | **113.35 / 1** | **Pride Industries 10030 FOOTHILLS BL CA** | **CUPA ROSEVILLE**

CERS ID: 10191103
Record ID: FP21-0674
Record Status: Pending
Fiscal Year: 2021
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 6/20/2022
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 6/20/2022

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Scheduled	***Inspection Type:***	Biennial CUPA
Insp Date:		***Inspector:***	Salter
Annual Insp Date:	6/20/2022	***Sched Date:***	6/20/2022
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Scheduled	***Inspection Type:***	Biennial CUPA
Insp Date:		***Inspector:***	Salter
Annual Insp Date:	6/20/2022	***Sched Date:***	6/20/2022
Pri Occ:	Yes		
Occupancy:	Flammable or Combustible Liquids		

18	*1 of 11*	*ENE*	*0.11 / 560.64*	*107.26 / -5*	***Hertz Equipment Rental*** ***10680 INDUSTRIAL AV.*** ***ROSEVILLE CA 95678***	***AST***

Total Capacity(Gal):	2,500	***Owner Name:***	Hertz Equipment Rental
CUPA:	Roseville	***County:***	Placer

18	*2 of 11*	*ENE*	*0.11 / 560.64*	*107.26 / -5*	***HERTZ CORPORATION*** ***10680 INDUSTRIAL AVE*** ***ROSEVILLE CA 95678***	***EMISSIONS***

2008 Criteria Data

Facility ID:	741	***CERR Code:***	
Facility SIC Code:	7513	***TOGT:***	.0025163
CO:	31	***ROGT:***	.00250698969
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2008 Toxic Data

Facility ID:	741	***COID:***	PLA
Facility SIC Code:	7513	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	741	***CERR Code:***	
Facility SIC Code:	7513	***TOGT:***	.001842
CO:	31	***ROGT:***	.002
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2009 Toxic Data

Facility ID:	741	***COID:***	PLA
Facility SIC Code:	7513	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	741	***COID:***	PLA
Facility SIC Code:	7513	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	741	***CERR Code:***	
Facility SIC Code:	7513	***TOGT:***	.00152
CO:	31	***ROGT:***	.001514376
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2011 Toxic Data

Facility ID:	741	***COID:***	PLA
Facility SIC Code:	7513	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	741	***CERR Code:***	
Facility SIC Code:	7513	***TOGT:***	.00152
CO:	31	***ROGT:***	.001514376
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2012 Toxic Data

Facility ID:	741	***COID:***	PLA

Facility SIC Code:	7513	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	741	**CERR Code:**	
Facility SIC Code:	7513	**TOGT:**	.00152
CO:	31	**ROGT:**	.00152
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2013 Toxic Data

Facility ID:	741	**COID:**	PLA
Facility SIC Code:	7513	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	741	**CERR Code:**	
Facility SIC Code:	7513	**TOGT:**	.00152
CO:	31	**ROGT:**	.00152
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2014 Toxic Data

Facility ID:	741	**COID:**	PLA
Facility SIC Code:	7513	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	741	**CERR Code:**	
Facility SIC Code:	7513	**TOGT:**	.00152
CO:	31	**ROGT:**	.00152
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DISN: PLACER COUNTY APCD
CHAPIS:
PMT:
PM10T:

2015 Toxic Data

Facility ID: 741
Facility SIC Code: 7513
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2016 Criteria Data

Facility ID: 741
Facility SIC Code: 7513
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR CODE:
TOGT: .00152
ROGT: .00152
COT:
NOXT:
SOXT:
PMT:
PM10T:

2016 Toxic Data

Facility ID: 741
Facility SIC Code: 7513
CERR CODE:
COID: PLA
CO: 31
DISN: PLACER COUNTY APCD
CHAPIS:
TS:
HRA:
CH Index:
AH Index:
Air Basin: SV
District: PLA

18	3 of 11	ENE	0.11 / 560.64	107.26 / -5	Herc Equipment Rental 10680 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10398499
Record ID: FD17-0587
Record Status: History
Fiscal Year: 2017
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed with CUPA Discount
Insp Date: 5/25/2018 4:29:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 5/30/2018

Details

Insp Status: Failed
Insp Date: 4/11/2018 11:43:49 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 4/11/2018 11:00:00 AM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	4/11/2018 11:43:49 AM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	4/11/2018 11:00:00 AM
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Passed with CUPA Discount	***Inspection Type:***	CUPA Inspection
Insp Date:	5/25/2018 4:29:00 PM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	5/30/2018
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Passed with CUPA Discount	***Inspection Type:***	CUPA Inspection
Insp Date:	5/25/2018 4:29:00 PM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	5/30/2018
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Passed with CUPA Discount	***Inspection Type:***	CUPA Inspection
Insp Date:	5/25/2018 4:29:00 PM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	5/30/2018
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	4/11/2018 11:43:49 AM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	4/11/2018 11:00:00 AM
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	4/11/2018 11:43:49 AM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	4/11/2018 11:00:00 AM
Pri Occ:	Yes		
Occupancy:	Liquified Petroleum Gas		

18	***4 of 11***	***ENE***	***0.11 / 560.64***	***107.26 / -5***	***Herc Equipment Rental 10680 INDUSTRIAL AV CA***	***CUPA ROSEVILLE***

CERS ID:	10398499	***CUPA:***	Yes
Record ID:	FD18-0627	***CUPA Discount:***	No
Record Status:	History	***Balance:***	0
Fiscal Year:	2018	***Fire District:***	7

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	9/11/2018 4:13:19 PM	***Inspector:***	Salter

Annual Insp Date: ***Sched Date:*** 9/11/2018 1:30:00 PM
Pri Occ: Yes
Occupancy: Hazardous Waste

Details

Insp Status: Passed ***Inspection Type:*** CUPA Inspection
Insp Date: 9/27/2018 2:56:00 PM ***Inspector:*** Salter
Annual Insp Date: ***Sched Date:*** 9/27/2018 2:00:00 PM
Pri Occ: Yes
Occupancy: AST

Details

Insp Status: Failed ***Inspection Type:*** CUPA Inspection
Insp Date: 9/11/2018 4:13:19 PM ***Inspector:*** Salter
Annual Insp Date: ***Sched Date:*** 9/11/2018 1:30:00 PM
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

Details

Insp Status: Passed ***Inspection Type:*** CUPA Inspection
Insp Date: 9/27/2018 2:56:00 PM ***Inspector:*** Salter
Annual Insp Date: ***Sched Date:*** 9/27/2018 2:00:00 PM
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

Details

Insp Status: Failed ***Inspection Type:*** CUPA Inspection
Insp Date: 9/11/2018 4:13:19 PM ***Inspector:*** Salter
Annual Insp Date: ***Sched Date:*** 9/11/2018 1:30:00 PM
Pri Occ: Yes
Occupancy: AST

Details

Insp Status: Passed ***Inspection Type:*** CUPA Inspection
Insp Date: 9/27/2018 2:56:00 PM ***Inspector:*** Salter
Annual Insp Date: ***Sched Date:*** 9/27/2018 2:00:00 PM
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas

Details

Insp Status: Failed ***Inspection Type:*** CUPA Inspection
Insp Date: 9/11/2018 4:13:19 PM ***Inspector:*** Salter
Annual Insp Date: ***Sched Date:*** 9/11/2018 1:30:00 PM
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas

Details

Insp Status: Passed ***Inspection Type:*** CUPA Inspection
Insp Date: 9/27/2018 2:56:00 PM ***Inspector:*** Salter
Annual Insp Date: ***Sched Date:*** 9/27/2018 2:00:00 PM
Pri Occ: Yes
Occupancy: Hazardous Waste

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	5 of 11	ENE	0.11 / 560.64	107.26 / -5	Herc Equipment Rental 10680 INDUSTRIAL AV CA	DELISTED COUNTY

Delisted County Records

Original Source Facility ID: FD17-0899
Original Source Name: Placer County - City of Roseville CUPA Facilities
Record Date: 07-JUN-2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	6 of 11	ENE	0.11 / 560.64	107.26 / -5	Herc Equipment Rental 10680 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD15-1554
Record Status: History
Fiscal Year: 2016
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 4/30/2018 4:30:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 4/11/2018

Details

Insp Status: Failed
Insp Date: 9/4/2017 7:14:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 7/3/2017

Details

Insp Status: Passed
Insp Date: 4/30/2018 4:30:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 4/11/2018

Details

Insp Status: Failed
Insp Date: 11/7/2016 5:29:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 10/15/2016

Details

Insp Status: Failed
Insp Date: 9/4/2017 7:14:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 7/3/2017

Details

Insp Status: Passed
Insp Date: 4/30/2018 4:30:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 4/11/2018

Details

Insp Status: Failed
Insp Date: 11/7/2016 5:29:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 10/15/2016

Details

Insp Status: Failed
Insp Date: 5/4/2017 10:17:04 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 5/11/2017

Details

Insp Status: Failed
Insp Date: 6/8/2017 8:21:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 5/18/2017

Details

Insp Status: Failed
Insp Date: 11/7/2016 5:29:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 10/15/2016

Details

Insp Status: Failed
Insp Date: 11/7/2016 5:29:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 10/15/2016

Details

Insp Status: Failed
Insp Date: 4/26/2017 6:34:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 12/1/2016

Details

Insp Status: Failed
Insp Date: 5/4/2017 10:17:04 AM
Inspection Type: CUPA Inspection
Inspector: Richter

Annual Insp Date: **Sched Date:** 5/11/2017
Pri Occ: Yes
Occupancy: AST

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 6/8/2017 8:21:00 AM **Inspector:** Richter
Annual Insp Date: **Sched Date:** 5/18/2017
Pri Occ: Yes
Occupancy: Hazardous Waste

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 4/26/2017 6:34:00 AM **Inspector:** Richter
Annual Insp Date: **Sched Date:** 12/1/2016
Pri Occ: Yes
Occupancy: Hazardous Waste

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 9/4/2017 7:14:00 AM **Inspector:** Richter
Annual Insp Date: **Sched Date:** 7/3/2017
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 6/8/2017 8:21:00 AM **Inspector:** Richter
Annual Insp Date: **Sched Date:** 5/18/2017
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 4/26/2017 6:34:00 AM **Inspector:** Richter
Annual Insp Date: **Sched Date:** 12/1/2016
Pri Occ: Yes
Occupancy: AST

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 4/26/2017 6:34:00 AM **Inspector:** Richter
Annual Insp Date: **Sched Date:** 12/1/2016
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas

Details

Insp Status: Failed **Inspection Type:** CUPA Inspection
Insp Date: 5/4/2017 10:17:04 AM **Inspector:** Richter
Annual Insp Date: **Sched Date:** 5/11/2017
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	5/4/2017 10:17:04 AM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	5/11/2017
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	4/30/2018 4:30:00 PM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	4/11/2018
Pri Occ:	Yes		
Occupancy:	Liquified Petroleum Gas		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	6/8/2017 8:21:00 AM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	5/18/2017
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	9/4/2017 7:14:00 AM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	7/3/2017
Pri Occ:	Yes		
Occupancy:	AST		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	*7 of 11*	*ENE*	*0.11 / 560.64*	*107.26 / -5*	***Hertz Equipment Rental 10680 INDUSTRIAL AV CA***	***CUPA ROSEVILLE***

CERS ID:		***CUPA:***	Yes
Record ID:	FD13-0492	***CUPA Discount:***	No
Record Status:	History	***Balance:***	0
Fiscal Year:	2014	***Fire District:***	7

Details

Insp Status:		***Inspection Type:***	
Insp Date:		***Inspector:***	
Annual Insp Date:		***Sched Date:***	
Pri Occ:	Yes		
Occupancy:	CUPA		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	*8 of 11*	*ENE*	*0.11 / 560.64*	*107.26 / -5*	***Hertz Equipment Rental 10680 INDUSTRIAL AV CA***	***CUPA ROSEVILLE***

CERS ID:		***CUPA:***	Yes
Record ID:	FD15-1073	***CUPA Discount:***	No
Record Status:	History	***Balance:***	0
Fiscal Year:	2015	***Fire District:***	7

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Date: 10/16/2015 7:57:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA

Inspector: Anderson
Sched Date: 10/15/2015

Details

Insp Status: Passed
Insp Date: 11/13/2015 12:37:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA

Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 10/30/2015

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18 | ***9 of 11*** | ***ENE*** | ***0.11 / 560.64*** | ***107.26 / -5*** | ***Herc Equipment Rental 10680 INDUSTRIAL AV CA*** | ***CUPA ROSEVILLE***

CERS ID: 10398499
Record ID: FD18-1084
Record Status: History
Fiscal Year: 2019

CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 2/18/2020
Annual Insp Date: 2/19/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/8/2020 2:00:00 PM

Details

Insp Status: Failed
Insp Date: 2/18/2020
Annual Insp Date: 2/19/2020
Pri Occ: Yes
Occupancy: AST

Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/8/2020 2:00:00 PM

Details

Insp Status: Failed
Insp Date: 2/18/2020
Annual Insp Date: 2/19/2020
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas

Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/8/2020 2:00:00 PM

Details

Insp Status: Failed
Insp Date: 2/18/2020
Annual Insp Date: 2/19/2020
Pri Occ: Yes
Occupancy: Hazardous Waste

Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/8/2020 2:00:00 PM

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18 | ***10 of 11*** | ***ENE*** | ***0.11 / 560.64*** | ***107.26 / -5*** | ***Herc Equipment Rental 10680 INDUSTRIAL AV CA*** | ***CUPA ROSEVILLE***

CERS ID: 10398499
Record ID: FP20-1084
Record Status: History

CUPA: Yes
CUPA Discount: No
Balance: 0

Fiscal Year: 2020 ***Fire District:*** 7

Details

Insp Status: Passed
Insp Date: 10/15/2020 1:28:40 PM
Annual Insp Date: 2/19/2021
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/13/2020

Details

Insp Status: Passed
Insp Date: 10/15/2020 1:28:40 PM
Annual Insp Date: 2/19/2021
Pri Occ: No
Occupancy: Liquified Petroleum Gas
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/13/2020

Details

Insp Status: Passed
Insp Date: 10/15/2020 1:27:01 PM
Annual Insp Date: 2/19/2021
Pri Occ: No
Occupancy: Liquified Petroleum Gas
Inspection Type: Fire & Life Safety Inspection
Inspector: Salter
Sched Date: 7/24/2020

Details

Insp Status: Passed
Insp Date: 10/15/2020 1:27:01 PM
Annual Insp Date: 2/19/2021
Pri Occ: Yes
Occupancy: AST
Inspection Type: Fire & Life Safety Inspection
Inspector: Salter
Sched Date: 7/24/2020

Details

Insp Status: Passed
Insp Date: 10/15/2020 1:28:40 PM
Annual Insp Date: 2/19/2021
Pri Occ: No
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/13/2020

Details

Insp Status: Passed
Insp Date: 10/15/2020 1:27:01 PM
Annual Insp Date: 2/19/2021
Pri Occ: No
Occupancy: Hazardous Waste
Inspection Type: Fire & Life Safety Inspection
Inspector: Salter
Sched Date: 7/24/2020

Details

Insp Status: Passed
Insp Date: 10/15/2020 1:27:01 PM
Annual Insp Date: 2/19/2021
Pri Occ: No
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: Fire & Life Safety Inspection
Inspector: Salter
Sched Date: 7/24/2020

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Status:	Passed	**Inspection Type:**	CUPA Inspection
Insp Date:	10/15/2020 1:28:40 PM	**Inspector:**	Salter
Annual Insp Date:	2/19/2021	**Sched Date:**	10/13/2020
Pri Occ:	No		
Occupancy:	Hazardous Waste		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
18	11 of 11	ENE	0.11 / 560.64	107.26 / -5	Herc Equipment Rental 10680 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:	10398499	**CUPA:**	Yes
Record ID:	FP21-1084	**CUPA Discount:**	No
Record Status:	Pending	**Balance:**	0
Fiscal Year:	2021	**Fire District:**	7

Details

Insp Status:	Scheduled	**Inspection Type:**	CUPA Inspection
Insp Date:		**Inspector:**	Salter
Annual Insp Date:	2/19/2022	**Sched Date:**	2/19/2022
Pri Occ:	No		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Scheduled	**Inspection Type:**	CUPA Inspection
Insp Date:		**Inspector:**	Salter
Annual Insp Date:	2/19/2022	**Sched Date:**	2/19/2022
Pri Occ:	No		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Scheduled	**Inspection Type:**	CUPA Inspection
Insp Date:		**Inspector:**	Salter
Annual Insp Date:	2/19/2022	**Sched Date:**	2/19/2022
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Scheduled	**Inspection Type:**	CUPA Inspection
Insp Date:		**Inspector:**	Salter
Annual Insp Date:	2/19/2022	**Sched Date:**	2/19/2022
Pri Occ:	No		
Occupancy:	Liquified Petroleum Gas		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	1 of 6	ESE	0.11 / 582.82	110.73 / -2	Wilson Sporting Goods dba Louisville Slugger Innovations 10560 INDUSTRIAL AVE STE 150 ROSEVILLE CA 95678	CERS HAZ

Site ID:	425316
Latitude:	38.801000
Longitude:	-121.306310
County:	

Regulated Programs

EI ID:	10742023	**EI Description:**	Chemical Storage Facilities

Evaluations

Eval Date: 07/09/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Inspected by Matt Walling - No violations; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 05/22/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 02/17/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Operator
Entity Name: Jim Earley
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (916) 652-4267

Affil Type Desc: Environmental Contact
Entity Name: Jim Earley
Entity Title:
Address: 10560 Industrial Ave Ste 150
City: Roseville
State: CA
Country:
Zip Code: 95678
Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 10560 Industrial Ave Ste 150
City: Roseville
State: CA
Country:
Zip Code: 95678
Phone:

Affil Type Desc: Property Owner
Entity Name: Thomas Management, LLC

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Entity Title:	
Address:	10608 Industrial Ave. Suite 100
City:	Roseville
State:	CA
Country:	United States
Zip Code:	95678
Phone:	(919) 633-6501
Affil Type Desc:	Parent Corporation
Entity Name:	Wilson Sporting Goods dba Louisville Slugger Innovations
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Legal Owner
Entity Name:	Wilson Sporting Goods Co
Entity Title:	
Address:	1 Prudential Plaza, 130 East Randolph Street, Suite 600
City:	Chicago
State:	IL
Country:	United States
Zip Code:	60601
Phone:	(773) 714-6400
Affil Type Desc:	Identification Signer
Entity Name:	Jim Earley
Entity Title:	Director of Engineering
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	Document Preparer
Entity Name:	Jim Earley
Entity Title:	
Address:	
City:	
State:	
Country:	
Zip Code:	
Phone:	
Affil Type Desc:	CUPA District
Entity Name:	Roseville City Fire Dept
Entity Title:	
Address:	316 Vernon Street Suite #480
City:	Roseville
State:	CA
Country:	
Zip Code:	95678
Phone:	(916) 774-5800

19	2 of 6	ESE	0.11 / 582.82	110.73 / -2	**Wilson Sporting Goods/Louisville Slugger Innovations** **10560 INDUSTRIAL AV, STE 150** **CA**	**CUPA ROSEVILLE**

CERS ID:		**CUPA:**	Yes
Record ID:	FD17-0753	**CUPA Discount:**	No
Record Status:	History	**Balance:**	0
Fiscal Year:	2017	**Fire District:**	7

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Failed	***Inspection Type:***	Fire & Life Safety Inspection
Insp Date:	5/10/2018 3:01:31 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	5/10/2018 2:14:18 PM
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Passed	***Inspection Type:***	Fire & Life Safety Inspection
Insp Date:	6/18/2018 2:48:38 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	5/24/2018
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Passed	***Inspection Type:***	Fire & Life Safety Inspection
Insp Date:	6/18/2018 2:48:38 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	5/24/2018
Pri Occ:	Yes		
Occupancy:	F-1 : Moderate Hazard Factory/Industrial		

Details

Insp Status:	Failed	***Inspection Type:***	Fire & Life Safety Inspection
Insp Date:	5/10/2018 3:01:31 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	5/10/2018 2:14:18 PM
Pri Occ:	Yes		
Occupancy:	F-1 : Moderate Hazard Factory/Industrial		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	*3 of 6*	*ESE*	*0.11 / 582.82*	*110.73 / -2*	***Wilson Sporting Goods/Louisville Slugger Innovations*** ***10560 INDUSTRIAL AV, STE 150*** ***CA***	***CUPA ROSEVILLE***

CERS ID:		***CUPA:***	Yes
Record ID:	FD18-0780	***CUPA Discount:***	No
Record Status:	History	***Balance:***	0
Fiscal Year:	2018	***Fire District:***	7

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	7/9/2018 12:00:00 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	7/9/2018 1:30:00 PM
Pri Occ:	Yes		
Occupancy:	F-1 : Moderate Hazard Factory/Industrial		

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	7/9/2018 12:00:00 PM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	7/9/2018 1:30:00 PM
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
19	*4 of 6*	*ESE*	*0.11 / 582.82*	*110.73 / -2*	***Wilson Sporting Goods/Louisville Slugger Innovations***	***CUPA ROSEVILLE***

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					10560 INDUSTRIAL AV, STE 150 CA	

CERS ID:
Record ID: FD18-0854
Record Status: History
Fiscal Year: 2019
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 5/22/2020 11:51:00 AM
Annual Insp Date: 5/22/2020
Pri Occ: Yes
Occupancy: F-1 : Moderate Hazard Factory/Industrial
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 3/31/2020

Details

Insp Status: Passed
Insp Date: 5/22/2020 11:51:00 AM
Annual Insp Date: 5/22/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 3/31/2020

19	5 of 6	ESE	0.11 / 582.82	110.73 / -2	WILSON SPORTING GOODS CO 10560 INDUSTRIAL AVE STE 150 ROSEVILLE CA 95678	RCRA NON GEN

EPA Handler ID: CAL000448961
Gen Status Universe: No Report
Contact Name: CTSTRAL BEAUGEZ
Contact Address: 10560 INDUSTRIAL AVE STE 150 , , ROSEVILLE , CA, 95678 ,
Contact Phone No and Ext: 916-652-4267
Contact Email:
Contact Country:
County Name: PLACER
EPA Region: 09
Land Type:
Receive Date: 20190918
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20190918
Handler Name:	WILSON SPORTING GOODS CO
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	10560 INDUSTRIAL AVE STE 150
Name:	CTSTRAL BEAUGEZ	***Street 2:***	
Date Became Current:		***City:***	ROSEVILLE
Date Ended Current:		***State:***	CA
Phone:	916-652-4267	***Country:***	
Source Type:	Implementer	***Zip Code:***	95678

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	1 PRUDE
Name:	WILSON SPORTING GOODS CO	***Street 2:***	
Date Became Current:		***City:***	ROSEVILLE
Date Ended Current:		***State:***	CA
Phone:	773-714-6400	***Country:***	
Source Type:	Implementer	***Zip Code:***	95678

---

19 | ***6 of 6*** | ***ESE*** | ***0.11 / 582.82*** | ***110.73 / -2*** | ***Wilson Sporting Goods/Louisville Slugger Innovations***
10560 INDUSTRIAL AV, STE 150
CA | ***CUPA ROSEVILLE***

CERS ID:		***CUPA:***	Yes
Record ID:	FP20-1892	***CUPA Discount:***	No
Record Status:	Open	***Balance:***	387
Fiscal Year:	2020	***Fire District:***	7

Details

Insp Status:	Scheduled	***Inspection Type:***	CUPA Inspection
Insp Date:		***Inspector:***	Salter
Annual Insp Date:	1/22/2021	***Sched Date:***	5/22/2021
Pri Occ:	No		
Occupancy:	F-1 : Moderate Hazard Factory/Industrial		

Details

Insp Status:	Scheduled	***Inspection Type:***	CUPA Inspection
Insp Date:		***Inspector:***	Salter
Annual Insp Date:	1/22/2021	***Sched Date:***	5/22/2021
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

---

20 | ***1 of 1*** | ***N*** | ***0.14 / 764.79*** | ***111.01 / -1*** | ***PLACER COUNTY INDUSTRIAL TREATMENT PONDS***
SOUTH END OF CINCINNATI AVE
ROCKLIN CA 95677 | ***CALSITES***

ID No:	31490004	***Assembly:***	
Status Date:	01/28/1987	***Senate:***	
NPL:		***Region:***	1
Tier:		***Region Name:***	SACRAMENTO

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fund:		**County Co:**	31
Access :		**Facility County:**	PLACER
Access Code:	NOT REPORTED	**Lat Deg:**	0
Cortese:		**Lat Min:**	0
Hrscore:		**Lat Sec:**	0
Hrsdate:		**Lat Dir:**	
Groundwater Contam:		**Long Deg:**	0
GW Code:	NOT REPORTED	**Long Min:**	0
No Sources:	0	**Long Sec:**	0
RWQCB Name:		**Long Dir:**	
Branch Name:	CENTRAL CALIFORNIA	**Llmethod:**	
Staff:		**Lldesc:**	
Senior:			

Status Name: PROPERTY/SITE REFERRED TO RWQCB
Type Name: N/A
Lead Name: N/A
SIC Name: ELECTRIC, GAS & SANITARY SERVICES
Filename:
Comments:

FACILITY DRIVE-BY ASP DRIVEBY INSPECTION(STATE) SLDG & RUNOFF SAMPLED GROUND PHOTOS PHOTOS TAKEN FACILITY IDENTIFIED PLACER CO. FAC FINAL STRATEGY SITE REFERRED: TO HWMB/ENF SITE SCREENING DONE NO DHS FILE

Background:

21	*1 of 12*	*WNW*	*0.17 / 909.30*	*122.07 / 10*	***TEICHERT LINCOLN CONSTRUCTION DIST 4401 DULUTH AVE ROCKLIN CA 95765***	***CUPA PLACER***

Facility ID: FA0015352
District: 18

Details

Program ID: PR0011463
Status Code: 02
Status Desc: Closed
Program Element Code: 2105
Program Element Desc: HAZMAT BUSINESS PLAN

21	*2 of 12*	*WNW*	*0.17 / 909.30*	*122.07 / 10*	***Lincoln Construction 4401 DULUTH AVE ROSEVILLE CA 95678***	***CERS TANK***

Site ID: 44511 **Latitude:** 38.805740
Longitude: -121.316800

Regulated Programs

EI ID: 10467403
EI Description: Hazardous Waste Generator

EI ID: 10467403
EI Description: Aboveground Petroleum Storage

EI ID: 10467403
EI Description: Chemical Storage Facilities

Violations

Violation Date: 10/04/2013 **Violation Source:** CERS

Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Notes:

Returned to compliance on 10/31/2013. Infomration on used oil drum is not legible.

Violation Description:

Failure to properly handle, manage, label, and recycle used oil and fuel filters.

Violations

Violation Date: 02/27/2020 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 10/14/2020. - Waste area inspection sheets need to be updated to include reviewing labels, damage containers, lids secured, and empty containers.

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 02/27/2020 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 10/14/2020. 3 - black empty 55 gallon drums in construction waste area in yard need to be

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 10/14/2020 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Returned to compliance on 10/14/2020. - Plans section needs to be submitted within CERS last approval was in 2017.

Violation Description:

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violations

Violation Date: 10/04/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 40 CFR 1 265.171 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.171
Violation Notes:

Returned to compliance on 10/31/2013. Damaged fuel cans in yard are to be emptied/disposed.

Violation Description:

Failure to accumulate hazardous waste in a container that is in good condition.

Violations

Violation Date: 10/21/2015 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 10/21/2015.

Violation Description:

Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 02/27/2020 ***Violation Source:*** CERS
Violation Program: APSA ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.67 25270.4.5 (a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5 (a)
Violation Notes:

Returned to compliance on 10/14/2020. - 5 yr SPCC review due

Violation Description:

Failure to complete a review and evaluation of the SPCC Plan at least once every five years, document the completion of the review, and sign a statement as to whether the SPCC Plan will be amended.

Violations

Violation Date: 10/21/2015 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(d) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(d)
Violation Notes:

Returned to compliance on 11/20/2015. Hazardous waste kept on-site too long.

Violation Description:

Failure to dispose of hazardous waste within 180 days (or 270 if waste is transported over 200 miles) for the generator who generates less than 1000 kilogram per month, but more than 100 kilograms per month.

Violations

Violation Date: 02/27/2020 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Notes:

Returned to compliance on 10/14/2020. - Truck mechanic compound Waste containment storage oil filter 55 gallon drum lock ring needs to be secured

Violation Description:

Failure to meet the following container management requirements:
(a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste.
(b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violations

Violation Date: 10/04/2013 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 10/31/2013. Label on drum of used pads and soil not legible and needs a cover. Empty drum needs to be labeled "EMPTY."

Violation Description:

Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 10/26/2016 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 11/03/2016. Sodium hypochlorite (corrosive) drum is found on grounds and this material is not included in CERS chemical inventory. Include same.

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Violations

Violation Date: 02/27/2020 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 07/30/2020. - Inventory in CERS needs to be cleaned up to remove non hazardous materials

Violation Description:

Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.

Evaluations

Eval Date: 10/25/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/14/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/31/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/26/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 02/27/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/21/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/09/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/26/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 04/14/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 01/10/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 02/27/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/26/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/21/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 01/10/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/09/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 02/27/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/14/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/14/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/09/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/25/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/31/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 04/14/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/31/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 11/20/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 04/14/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/25/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 01/10/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/21/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Environmental Contact
Entity Name: Jason Lenaburg
Entity Title:
Address: 4401 Duluth Avenue
City: Rocklin
State: CA
Country:
Zip Code: 95765
Phone:

Affil Type Desc: Document Preparer
Entity Name: Steve Schamaun
Entity Title:
Address:
City:
State:

Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: A. Teichert & Son, Inc.
Entity Title:
Address: P.O. Box 15002
City: Sacramento
State: CA
Country: United States
Zip Code: 95851
Phone: (916) 484-3011

Affil Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title:
Address: 316 Vernon Street Suite #480
City: Roseville
State: CA
Country:
Zip Code: 95678
Phone: (916) 774-5800

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: P.O. Box 15002
City: Sacramento
State: CA
Country:
Zip Code: 95851
Phone:

Affil Type Desc: Parent Corporation
Entity Name: A. TEICHERT
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: Teichert Land Company
Entity Title:
Address: PO Box 15002
City: Sacramento
State: CA
Country: United States
Zip Code: 95851
Phone: (916) 485-3011

Affil Type Desc: Identification Signer
Entity Name: Steve Schamaun
Entity Title: Project Engineer
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Operator
Entity Name: A. Teichert & Son, Inc.
Entity Title:
Address:
City:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

State:
Country:
Zip Code:
Phone: (916) 645-4800

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21 **3 of 12** **WNW** **0.17 / 909.30** **122.07 / 10** **Teichert Office**
4401 DULUTH AV
CA
CUPA ROSEVILLE

CERS ID: 10467403
Record ID: FD16-1112
Record Status: History
Fiscal Year: 2017
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 10/25/2017 2:44:01 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 10/16/2017 1:30:00 PM

Details

Insp Status: Failed
Insp Date: 10/25/2017 2:44:01 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 10/16/2017 1:30:00 PM

Details

Insp Status: Passed with CUPA Discount
Insp Date: 11/16/2017 8:29:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 11/8/2017

Details

Insp Status: Passed with CUPA Discount
Insp Date: 11/16/2017 8:29:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 11/8/2017

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21 **4 of 12** **WNW** **0.17 / 909.30** **122.07 / 10** **Teichert Office**
4401 DULUTH AV
CA
CUPA ROSEVILLE

CERS ID: 10467403
Record ID: FD17-1060
Record Status: History
Fiscal Year: 2018
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed with CUPA Discount
Insp Date: 10/9/2018 2:25:45 PM
Annual Insp Date:
Pri Occ: Yes
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 10/9/2018 2:00:00 PM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Occupancy: Hazardous Waste

Details

Insp Status: Passed with CUPA Discount
Insp Date: 10/9/2018 2:25:45 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 10/9/2018 2:00:00 PM

21	5 of 12	WNW	0.17 / 909.30	122.07 / 10	Teichert Office 4401 DULUTH AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD13-0145
Record Status: History
Fiscal Year: 2014
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status:
Insp Date:
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type:
Inspector:
Sched Date:

21	6 of 12	WNW	0.17 / 909.30	122.07 / 10	Teichert Office 4401 DULUTH AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD15-1055
Record Status: History
Fiscal Year: 2015
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 11/20/2015 10:43:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 11/4/2015

Details

Insp Status: Failed
Insp Date: 10/21/2015 11:06:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 6/1/2016

21	7 of 12	WNW	0.17 / 909.30	122.07 / 10	Teichert Office 4401 DULUTH AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD15-1568
Record Status: History
Fiscal Year: 2016
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	11/9/2016 12:18:00 PM	***Inspector:***	Anderson
Annual Insp Date:		***Sched Date:***	11/9/2016
Pri Occ:	Yes		
Occupancy:	CUPA		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	10/26/2016 12:38:00 PM	***Inspector:***	Anderson
Annual Insp Date:		***Sched Date:***	10/20/2016
Pri Occ:	Yes		
Occupancy:	CUPA		

21	*8 of 12*	*WNW*	*0.17 / 909.30*	*122.07 / 10*	***A TEICHERT & SON INC 4401 DULUTH AVE ROSEVILLE CA 95678-5999***	***RCRA NON GEN***

EPA Handler ID:	CAL000351938
Gen Status Universe:	No Report
Contact Name:	JOHN LANE
Contact Address:	PO BOX 15002 , , SACRAMENTO , CA, 95851 ,
Contact Phone No and Ext:	916-484-3256
Contact Email:	ARAMIREZ@TEICHERT.COM
Contact Country:	
County Name:	PLACER
EPA Region:	09
Land Type:	
Receive Date:	20100422
Location Latitude:	38.806027
Location Longitude:	-121.318039

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20100422
Handler Name:	A TEICHERT & SON INC
Source Type:	Implementer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	PO BOX 15002
Name:	JOHN LANE	**Street 2:**	
Date Became Current:		**City:**	SACRAMENTO
Date Ended Current:		**State:**	CA
Phone:	916-484-3256	**Country:**	
Source Type:	Implementer	**Zip Code:**	95851

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	3500 AMERICAN RIVER DR
Name:	A TEICHERT & SON INC	**Street 2:**	
Date Became Current:		**City:**	SACRAMENTO
Date Ended Current:		**State:**	CA
Phone:	916-484-3011	**Country:**	
Source Type:	Implementer	**Zip Code:**	95864-0000

21	9 of 12	WNW	0.17 / 909.30	122.07 / 10	Teichert Office 4401 DULUTH AV CA	CUPA ROSEVILLE

CERS ID:	10467403	**CUPA:**	Yes
Record ID:	FD18-1165	**CUPA Discount:**	Yes
Record Status:	History	**Balance:**	0
Fiscal Year:	2019	**Fire District:**	7

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	2/27/2020 8:58:27 AM	**Inspector:**	Salter
Annual Insp Date:	2/27/2020	**Sched Date:**	2/19/2020
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	2/27/2020 8:58:27 AM	**Inspector:**	Salter
Annual Insp Date:	2/27/2020	**Sched Date:**	2/19/2020
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

21	10 of 12	WNW	0.17 / 909.30	122.07 / 10	A TEICHERT AND SON INC 4401 DULUTH AVE ROSEVILLE CA 95678	RCRA SQG

EPA Handler ID: CAR000222984
Gen Status Universe: Small Quantity Generator
Contact Name: CHRIS STONE
Contact Address: 4401 DULUTH AVE , , ROSEVILLE , CA, 95678 , US
Contact Phone No and Ext: 916-645-4800
Contact Email: CSTONE@TEICHERT.COM
Contact Country: US
County Name: PLACER
EPA Region: 09
Land Type: Private
Receive Date: 20111214
Location Latitude: 38.806027
Location Longitude: -121.318039

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20111214
Handler Name:	A TEICHERT AND SON INC
Federal Waste Generator Code:	2
Generator Code Description:	Small Quantity Generator
Source Type:	Notification

Waste Code Details

Hazardous Waste Code:	221
Waste Code Description:	Waste oil and mixed oil
Hazardous Waste Code:	223
Waste Code Description:	Unspecified oil-containing waste
Hazardous Waste Code:	D001
Waste Code Description:	IGNITABLE WASTE
Hazardous Waste Code:	D018
Waste Code Description:	BENZENE

Owner/Operator Details

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	TEICHERT CONSTRUCTION	***Street 2:***	
Date Became Current:	20080301	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	
Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	3500 AMERICAN RIVER DR
Name:	TEICHERT LAND CO	***Street 2:***	
Date Became Current:	20080301	***City:***	SACRAMENTO
Date Ended Current:		***State:***	CA
Phone:	916-484-3011	***Country:***	US
Source Type:	Notification	***Zip Code:***	95864

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	11 of 12	WNW	0.17 / 909.30	122.07 / 10	Teichert Office 4401 DULUTH AV CA	CUPA ROSEVILLE

CERS ID: 10467403
Record ID: FP21-1165
Record Status: Pending
Fiscal Year: 2021
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 2/27/2022
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 2/27/2022

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 2/27/2022
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 2/27/2022

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
21	12 of 12	WNW	0.17 / 909.30	122.07 / 10	Teichert Office 4401 DULUTH AV CA	CUPA ROSEVILLE

CERS ID: 10467403
Record ID: FP20-1165
Record Status: History
Fiscal Year: 2020
CUPA: Yes
CUPA Discount: No
Balance: 1089
Fire District: 7

Details

Insp Status: Passed
Insp Date: 10/14/2020 10:54:11 AM
Annual Insp Date: 2/27/2021
Pri Occ: Yes
Occupancy: AST
Inspection Type: Fire & Life Safety Inspection
Inspector: Salter
Sched Date: 7/24/2020

Details

Insp Status: Passed
Insp Date: 10/14/2020 10:54:11 AM
Annual Insp Date: 2/27/2021
Pri Occ: No
Occupancy: Hazardous Waste
Inspection Type: Fire & Life Safety Inspection
Inspector: Salter
Sched Date: 7/24/2020

Details

Insp Status: Passed
Insp Date: 10/14/2020 10:55:17 AM
Annual Insp Date: 2/27/2021
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 2/27/2021

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Status: Passed
Insp Date: 10/14/2020 10:55:17 AM
Annual Insp Date: 2/27/2021
Pri Occ: No
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 2/27/2021

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22 | 1 of 9 | SE | 0.17 / 910.09 | 126.94 / 15 | **AT&T MOBILITY (WEST ROCKLIN) CLOSED**
10300 INDUSTRIAL AVE
ROSEVILLE CA 95678 | CUPA PLACER

Facility ID: FA0011564
District: 130

Details

Program ID: PR0010012
Status Code: 02
Status Desc: Closed
Program Element Code: 2105
Program Element Desc: HAZMAT BUSINESS PLAN

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22 | 2 of 9 | SE | 0.17 / 910.09 | 126.94 / 15 | **AT&T Mobility**
10300 INDUSTRIAL AV
CA | CUPA ROSEVILLE

CERS ID: 10192000
Record ID: FD16-0919
Record Status: History
Fiscal Year: 2017
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed with CUPA Discount
Insp Date: 6/19/2018 9:31:01 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 6/19/2018

---

22 | 3 of 9 | SE | 0.17 / 910.09 | 126.94 / 15 | **AT&T Mobility**
10300 Industrial AV
CA | CUPA ROSEVILLE

CERS ID:
Record ID: FD15-1340
Record Status: History
Fiscal Year: 2016
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: undefined

Details

Insp Status: Failed
Insp Date: 8/26/2016 3:01:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 8/10/2016

Details

Insp Status: Passed
Insp Date: 9/21/2016 3:27:00 PM
Annual Insp Date:
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 9/9/2016

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Pri Occ:	Yes					
Occupancy:	CUPA					

22	4 of 9	SE	0.17 / 910.09	126.94 / 15	AT&T Mobility 10300 Industrial AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD13-0946
Record Status: History
Fiscal Year: 2014
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: undefined

Details

Insp Status:
Insp Date:
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type:
Inspector:
Sched Date:

22	5 of 9	SE	0.17 / 910.09	126.94 / 15	AT&T Mobility 10300 Industrial AV CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD15-0812
Record Status: History
Fiscal Year: 2015
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: undefined

Details

Insp Status: Passed
Insp Date: 8/6/2015 10:38:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 6/1/2016

22	6 of 9	SE	0.17 / 910.09	126.94 / 15	AT&T Mobility 10300 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10192000
Record ID: FD18-0820
Record Status: History
Fiscal Year: 2018
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 6/19/2019 2:52:00 PM
Annual Insp Date: 6/18/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA CERS Review
Inspector: Rizzi
Sched Date: 6/20/2019

22	7 of 9	SE	0.17 / 910.09	126.94 / 15	AT&T Mobility 10300 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10192000
Record ID: FD19-0570
Record Status: History
Fiscal Year: 2019
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Passed	***Inspection Type:***	Biennial CUPA
Insp Date:	9/11/2019 11:39:46 AM	***Inspector:***	Pruter
Annual Insp Date:	6/18/2020	***Sched Date:***	9/11/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	8 of 9	SE	0.17 / 910.09	126.94 / 15	AT&T Mobility 10300 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:	10192000	***CUPA:***	Yes
Record ID:	FP21-1053	***CUPA Discount:***	No
Record Status:	Pending	***Balance:***	0
Fiscal Year:	2021	***Fire District:***	7

Details

Insp Status:	Scheduled	***Inspection Type:***	Biennial CUPA
Insp Date:		***Inspector:***	Pruter
Annual Insp Date:	5/18/2022	***Sched Date:***	5/18/2022
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
22	9 of 9	SE	0.17 / 910.09	126.94 / 15	AT&T Mobility 10300 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:	10192000	***CUPA:***	Yes
Record ID:	FD19-1053	***CUPA Discount:***	No
Record Status:	History	***Balance:***	387
Fiscal Year:	2020	***Fire District:***	7

Details

Insp Status:	Passed	***Inspection Type:***	CUPA CERS Review
Insp Date:	9/1/2020 11:38:00 AM	***Inspector:***	Pruter
Annual Insp Date:	5/18/2021	***Sched Date:***	5/18/2021
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
23	1 of 1	ESE	0.19 / 990.67	112.11 / 0	SWISS-TECH MACHINING LLC 10564 INDUSTRIAL AVE STE 130 ROSEVILLE CA 95678	RCRA NON GEN

EPA Handler ID:	CAL000377837
Gen Status Universe:	No Report
Contact Name:	PETER KUMMLI
Contact Address:	10564 INDUSTRIAL AVE , , ROSEVILLE , CA, 95678 ,
Contact Phone No and Ext:	916-797-6010
Contact Email:	CHERYL@STMACHINING.COM
Contact Country:	
County Name:	PLACER
EPA Region:	09
Land Type:	
Receive Date:	20120904
Location Latitude:	38.800743
Location Longitude:	-121.30533

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20120904
Handler Name:	SWISS-TECH MACHINING LLC
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	10564 INDUSTRIAL AVE
Name:	PETER KUMMLI	**Street 2:**	
Date Became Current:		**City:**	ROSEVILLE
Date Ended Current:		**State:**	CA
Phone:	916-797-6010	**Country:**	
Source Type:	Implementer	**Zip Code:**	95678
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	10564 INDUSTRIAL AVE STE 130
Name:	SWISS-TECH MACHINING LLC	**Street 2:**	
Date Became Current:		**City:**	ROSEVILLE
Date Ended Current:		**State:**	CA
Phone:	916-797-6010	**Country:**	
Source Type:	Implementer	**Zip Code:**	95678

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
24	1 of 2	N	0.21 / 1,086.55	112.05 / 0	LAKESIDE MARINE LLC 4205 CINCINNATI AVE #200 ROCKLIN CA 95765	CUPA PLACER

Facility ID:	FA0017673
District:	18

Details

Program ID:	PR0013851
Status Code:	02
Status Desc:	Closed
Program Element Code:	2106
Program Element Desc:	**DO NOT USE**HAZMAT- ABOVE GROUND WITH WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
24	2 of 2	N	0.21 / 1,086.55	112.05 / 0	CAMBLIN STEEL SERVICE 4205 CINCINNATI AVE ROCKLIN CA 95765	RCRA NON GEN

EPA Handler ID: CAL000441135
Gen Status Universe: No Report
Contact Name: TY WILLIAMS
Contact Address: 4175 CINCINNATI AVE , , ROCKLIN , CA, 95765 ,
Contact Phone No and Ext: 916-644-1300
Contact Email:
Contact Country:
County Name: PLACER
EPA Region: 09
Land Type:
Receive Date: 20181127
Location Latitude: 38.807865
Location Longitude: -121.312059

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20181127
Handler Name: CAMBLIN STEEL SERVICE
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: MARK CAMBLIN
Date Became Current:
Date Ended Current:
Phone: 916-644-1300
Source Type: Implementer
Street No:
Street 1: 4175 CINCINNATI AVE
Street 2:
City: ROCKLIN
State: CA
Country:
Zip Code: 95765

Owner/Operator Ind: Current Operator
Type: Other
Name: TY WILLIAMS
Street No:
Street 1: 4175 CINCINNATI AVE
Street 2:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Date Became Current: **City:** ROCKLIN
Date Ended Current: **State:** CA
Phone: 916-644-1300 **Country:**
Source Type: Implementer **Zip Code:** 95765

25	1 of 5	N	0.21 / 1,114.67	112.21 / 0	AMERICAN ENGINEERING & ASPHALT INC 4175 CINCINNATI AVE ROCKLIN CA 95765	CUPA PLACER

Facility ID: FA0002580
District: 18

Details

Program ID: PR0008511
Status Code: 02
Status Desc: Closed
Program Element Code: 2270
Program Element Desc: SMALL QUANTITY GENERATOR

Program ID: PR0015268
Status Code: 02
Status Desc: Closed
Program Element Code: 2002
Program Element Desc: AST - PETROLEUM >/= 1320 & < 10,000 GAL

Program ID: PR0015296
Status Code: 02
Status Desc: Closed
Program Element Code: 2012
Program Element Desc: AST - PETROLEUM < 100,000 G INITIAL SPCC REV

Program ID: PR0003856
Status Code: 02
Status Desc: Closed
Program Element Code: 2106
Program Element Desc: **DO NOT USE**HAZMAT- ABOVE GROUND WITH WASTE

25	2 of 5	N	0.21 / 1,114.67	112.21 / 0	QUALITY TELECOM CONSULTANTS 4175 CINCINNATI AVE ROCKLIN CA 95765	CUPA PLACER

Facility ID: FA0019579
District: 18

Details

Program ID: PR0017074
Status Code: 01
Status Desc: Active
Program Element Code: 2105
Program Element Desc: HAZMAT BUSINESS PLAN

Program ID: PR0016479
Status Code: 02
Status Desc: Closed
Program Element Code: 2268
Program Element Desc: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Program ID: PR0018034
Status Code: 02
Status Desc: Closed
Program Element Code: 2002

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program Element Desc: AST - PETROLEUM >/= 1320 & < 10,000 GAL

Program ID: PR0019789
Status Code: 01
Status Desc: Active
Program Element Code: 2270
Program Element Desc: SMALL QUANTITY GENERATOR

25	3 of 5	N	0.21 / 1,114.67	112.21 / 0	Camblin Steel Service, Inc. 4175 CINCINNATI AVE ROCKLIN CA 95765	DELISTED CTNK

Site ID: 16019
County:
Tank Type:
Original Source: CTNK
Record Date: 29-NOV-2018
Latitude: 38.808353
Longitude: -121.309464

25	4 of 5	N	0.21 / 1,114.67	112.21 / 0	AMERICAN ENGINEERING & ASPHALT, INC. 4175 CINCINNATI AVE ROCKLIN CA 95765	C&D DEBRIS RECY

County: PLACER

Activity Type: C&D MATERIALS MANUFACTURING
Phone No: (877) 367-8454

25	5 of 5	N	0.21 / 1,114.67	112.21 / 0	QUALITY TECHNIQUES ENGINEERING AND CONSTRUCTION (QTC) 4175 CINCINNATI AVE ROCKLIN CA 95765	RCRA NON GEN

EPA Handler ID: CAL000459301
Gen Status Universe: No Report
Contact Name: ALEXANDER WHITFORD
Contact Address: 4175 CINCINNATI AVE , , ROCKLIN , CA, 95765 ,
Contact Phone No and Ext: 530-844-0856
Contact Email: AWHITFORD@QUALITYTELECOMINC.COM
Contact Country:
County Name: PLACER
EPA Region: 09
Land Type:
Receive Date: 20210111
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20210111
Handler Name: QUALITY TECHNIQUES ENGINEERING AND CONSTRUCTION (QTC)
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: JACOB DUNCAN
Date Became Current:
Date Ended Current:
Phone: 916-315-0500
Source Type: Implementer
Street No:
Street 1: 300 ASPEN DR
Street 2:
City: PENRYN
State: CA
Country:
Zip Code: 95663

Owner/Operator Ind: Current Operator
Type: Other
Name: ALEXANDER WHITFORD
Date Became Current:
Date Ended Current:
Phone: 530-844-0856
Source Type: Implementer
Street No:
Street 1: 4175 CINCINNATI AVE
Street 2:
City: ROCKLIN
State: CA
Country:
Zip Code: 95765

26	1 of 3	NW	0.22 / 1,136.40	120.74 / 8	A TEICHERT & SON INC 4259 DULUTH AVE ROCKLIN CA 95765	CUPA PLACER

Facility ID: FA0016926
District: 18

Details

Program ID: PR0012727
Status Code: 02
Status Desc: Closed
Program Element Code: 2106
Program Element Desc: **DO NOT USE**HAZMAT- ABOVE GROUND WITH WASTE

Program ID: PR0013705
Status Code: 02
Status Desc: Closed
Program Element Code: 2012
Program Element Desc: AST - PETROLEUM < 100,000 G INITIAL SPCC REV

Program ID: PR0012729
Status Code: 02
Status Desc: Closed
Program Element Code: 2270
Program Element Desc: SMALL QUANTITY GENERATOR

Program ID: PR0013599
Status Code: 02
Status Desc: Closed

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Program Element Code:	2002					
Program Element Desc:	AST - PETROLEUM >/= 1320 & < 10,000 GAL					
26	2 of 3	NW	0.22 / 1,136.40	120.74 / 8	A TEICHERT AND SON INC 4259 DULUTH AVENUE ROCKLIN CA 95765	RCRA NON GEN

EPA Handler ID: CAR000196741
Gen Status Universe: No Report
Contact Name: GEORGE TAKEMORI
Contact Address: PO BOX 15002 , , SACRAMENTO , CA, 95851 , US
Contact Phone No and Ext: 916-386-3716
Contact Email:
Contact Country: US
County Name: PLACER
EPA Region: 09
Land Type: Private
Receive Date: 20200820
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20081117
Handler Name: A TEICHERT & SON, INC.
Source Type: Notification
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator

Waste Code Details

Hazardous Waste Code: D018
Waste Code Description: BENZENE

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20200820
Handler Name: A TEICHERT AND SON INC
Source Type: Deactivation
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No: 2
Receive Date: 20141112
Handler Name: A TEICHERT AND SON INC
Source Type: Notification
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Private
Name: LUND EQUIPMENT L.P.
Date Became Current: 20010101
Date Ended Current:
Phone:
Source Type: Deactivation
Street No: 5302
Street 1: ROSEVILLE ROAD
Street 2:
City: NORTH HIGHLANDS
State: CA
Country: US
Zip Code: 95660

Owner/Operator Ind: Current Operator
Type: Private
Name: A. TEICHERT & SON, INC
Date Became Current: 20081101
Date Ended Current:
Phone: 916-768-2282
Source Type: Deactivation
Street No: 3500
Street 1: AMERICAN RIVER DR
Street 2:
City: SACRAMENTO
State: CA
Country: US
Zip Code: 95864

Owner/Operator Ind: Current Operator
Type: Private
Name: A. TEICHERT & SON, INC
Date Became Current: 20081101
Date Ended Current:
Phone:
Source Type: Notification
Street No:
Street 1:
Street 2:
City:
State:
Country:
Zip Code:

Owner/Operator Ind: Current Owner
Type: Private
Name: LUND EQUIPMENT L.P.
Date Became Current: 20010101
Date Ended Current:
Phone:
Source Type: Notification
Street No: 5302
Street 1: ROSEVILLE ROAD
Street 2:
City: NORTH HIGHLANDS
State: CA
Country: US
Zip Code: 95660

Historical Handler Details

Receive Dt: 20141112
Generator Code Description: Not a Generator, Verified
Handler Name: A TEICHERT AND SON INC

Receive Dt: 20081117
Generator Code Description: Small Quantity Generator
Handler Name: A TEICHERT & SON, INC.

26	3 of 3	NW	0.22 / 1,136.40	120.74 / 8	A TEICHERT & SON INC 4259 DULUTH AVE ROCKLIN CA 95765	DELISTED HAZ

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Siteid: 379261
Latitude: 38.808131
Longitude: -121.317990
Original Source: CHAZ
Record Date: 30-MAY-2017

---

27 | 1 of 4 | NW | 0.22 / 1,170.85 | 119.31 / 7 | SAK CONSTRUCTION
4253 DULUTH AVE
ROCKLIN CA 95765 | CUPA PLACER

Facility ID: FA0020577
District: 18

Details

Program ID: PR0018298
Status Code: 01
Status Desc: Active
Program Element Code: 2270
Program Element Desc: SMALL QUANTITY GENERATOR

Program ID: PR0018252
Status Code: 01
Status Desc: Active
Program Element Code: 2105
Program Element Desc: HAZMAT BUSINESS PLAN

Program ID: PR0018299
Status Code: 01
Status Desc: Active
Program Element Code: 2282
Program Element Desc: CONDITIONALLY EXEMPT

Program ID: PR0018254
Status Code: 02
Status Desc: Closed
Program Element Code: 2275
Program Element Desc: LARGE QUANTITY GENERATOR

---

27 | 2 of 4 | NW | 0.22 / 1,170.85 | 119.31 / 7 | SAK CONSTRUCTION LLC
4253 DULUTH AVE
ROCKLIN CA 95765 | EMISSIONS

2014 Criteria Data

Facility ID: 8017
Facility SIC Code: 3084
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS: N
CERR Code:
TOGT: 6.000600060006000600060006000600060006
ROGT: 6
COT:
NOXT:
SOXT:
PMT:
PM10T:

2014 Toxic Data

Facility ID: 8017
Facility SIC Code: 3084
CO: 31
Air Basin: SV
District: PLA
TS:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS: N
CERR Code:

Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

2015 Criteria Data

Facility ID:	8017	***CERR Code:***	
Facility SIC Code:	3084	***TOGT:***	6.000600060006000600060006000600060006
CO:	31	***ROGT:***	6
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:	N	***PM10T:***	

2015 Toxic Data

Facility ID:	8017	***COID:***	PLA
Facility SIC Code:	3084	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	N
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	8017	***CERR CODE:***	
Facility SIC Code:	3084	***TOGT:***	6.000600060006000600060006000600060006
CO:	31	***ROGT:***	6
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2016 Toxic Data

Facility ID:	8017	***TS:***	
Facility SIC Code:	3084	***HRA:***	
CERR CODE:		***CH Index:***	
COID:	PLA	***AH Index:***	
CO:	31	***Air Basin:***	SV
DISN:	PLACER COUNTY APCD	***District:***	PLA
CHAPIS:			

2017 Criteria Data

Facility ID:	8017	***CERR Code:***	
Facility SIC Code:	3084	***TOGT:***	5.790579057905790579057905790579057905 79
CO:	31	***ROGT:***	5.79
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2017 Toxic Data

Facility ID: 8017
Facility SIC Code: 3084
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2018 Criteria Data

Facility ID: 8017
Facility SIC Code: 3084
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 5.790579057905790579057905790579057905779
ROGT: 5.79
COT:
NOXT:
SOXT:
PMT:
PM10T:

2018 Toxic Data

Facility ID: 8017
Facility SIC Code: 3084
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2019 Criteria Data

CO: 31
Air Basin: SV
Facility ID: 8017
District: PLA
Facility SIC Code: 3084
CO ID: PLA
DISN: PLACER COUNTY APCD
PM10T:
TOGT: 5.790579057905790579057905790579057905790579
PMT:
CHAPIS:
CERR Code:
ROGT: 5.79
COT:
NOXT:
SOXT:

2019 Toxic Data

CO: 31
Air Basin: SV
Faccility ID: 8017
District: PLA
Facility SIC Code: 3084
COID: PLA
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TS:
Health Risk Asmt:

2020 Criteria Data

CO: 31
Air Basin: SV
Facility ID: 8017
CHAPIS:
CERR Code:
ROGT: 5.79

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

District:	PLA	**COT:**	0
Facility SIC Code:	3084	**NOXT:**	0
CO ID:	PLA	**SOXT:**	0
DISN:	PLACER COUNTY APCD		
TOGT:	5.790579057905790579057905790579057905790579		
PMT:	0		
PM10T:	0		

2020 Toxic Data

CO:	31	**DISN:**	PLACER COUNTY APCD
Air Basin:	SV	**CHAPIS:**	
Facility ID:	8017	**CHERR Code:**	
District:	PLA	**TS:**	
Facility SIC Code:	3084	**Health Risk Asmt:**	
COID:	PLA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

27	3 of 4	NW	0.22 / 1,170.85	119.31 / 7	**PIPENOLOGY** **4253 DULUTH AVE** **ROCKLIN CA 95765**	EMISSIONS

2009 Criteria Data

Facility ID:	8017	**CERR Code:**	
Facility SIC Code:	3084	**TOGT:**	2.426
CO:	31	**ROGT:**	1.695
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:	N	**PM10T:**	

2009 Toxic Data

Facility ID:	8017	**COID:**	PLA
Facility SIC Code:	3084	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	N
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	8017	**COID:**	PLA
Facility SIC Code:	3084	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	N
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	8017	**CERR Code:**	

Facility SIC Code:	3084	**TOGT:**	2.6338391067849985685657028342399083882
CO:	31	**ROGT:**	1.84
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:	N	**PM10T:**	

2011 Toxic Data

Facility ID:	8017	**COID:**	PLA
Facility SIC Code:	3084	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	N
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	8017	**CERR Code:**	
Facility SIC Code:	3084	**TOGT:**	2.6338391067849985685657028342399083882
CO:	31	**ROGT:**	1.84
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:	N	**PM10T:**	

2012 Toxic Data

Facility ID:	8017	**COID:**	PLA
Facility SIC Code:	3084	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	N
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	8017	**CERR Code:**	
Facility SIC Code:	3084	**TOGT:**	1.8401840184018401840184018401840184018401840184
CO:	31	**ROGT:**	1.84
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:	N	**PM10T:**	

2013 Toxic Data

Facility ID:	8017	**COID:**	PLA
Facility SIC Code:	3084	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	N
Air Basin:	SV	**CERR Code:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
District: PLA **TS:** **Health Risk Asmt:** **Non-Cancer Chronic Haz Ind:** **Non-Cancer Acute Haz Ind:**						
27	4 of 4	NW	0.22 / 1,170.85	119.31 / 7	PIPENOLOGY INC 4253 DULUTH AVE ROCKLIN CA 95765	RCRA SQG

EPA Handler ID: CAR000202267
Gen Status Universe: Small Quantity Generator
Contact Name: DARREN L LADD
Contact Address: 4253 DULUTH AVE , , ROCKLIN , CA, 95765 , US
Contact Phone No and Ext: 916-408-5038 x108
Contact Email: DLADD@PIPENOLOGYINC.COM
Contact Country: US
County Name: PLACER
EPA Region: 09
Land Type: Private
Receive Date: 20090819
Location Latitude: 38.807028
Location Longitude: -121.31789

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20090819
Handler Name: PIPENOLOGY INC
Federal Waste Generator Code: 2
Generator Code Description: Small Quantity Generator
Source Type: Notification

Waste Code Details

Hazardous Waste Code: D001
Waste Code Description: IGNITABLE WASTE

Hazardous Waste Code: F003
Waste Code Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	4253 DULUTH AVE
Name:	RYAN BROYLES	***Street 2:***	
Date Became Current:	20090101	***City:***	ROCKLIN
Date Ended Current:		***State:***	CA
Phone:		***Country:***	US
Source Type:	Notification	***Zip Code:***	95765

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Private	***Street 1:***	
Name:	PIPENOLOGY INC	***Street 2:***	
Date Became Current:	20090101	***City:***	
Date Ended Current:		***State:***	
Phone:		***Country:***	
Source Type:	Notification	***Zip Code:***	

28	*1 of 12*	*SE*	*0.23 / 1,189.10*	*131.32 / 19*	***HOLT OF CALIFORNIA 10000 INDUSTRIAL AVE. ROSEVILLE CA 95678***	***AST***

Total Capacity(Gal):	2,911	***Owner Name:***	HOLT OF CALIFORNIA
CUPA:	Placer	***County:***	Placer

28	*2 of 12*	*SE*	*0.23 / 1,189.10*	*131.32 / 19*	***HOLT OF CALIFORNIA 10000 INDUSTRIAL AVE. ROSEVILLE CA 95678***	***AST***

Total Capacity(Gal):	1,525	***Owner Name:***	HOLT OF CALIFORNIA
CUPA:	Roseville	***County:***	Placer

28	*3 of 12*	*SE*	*0.23 / 1,189.10*	*131.32 / 19*	***Holt of California, The CAT Rental Store 10000 INDUSTRIAL AVE ROSEVILLE CA 95678***	***CERS TANK***

Site ID:	394824	***Latitude:***	38.796577
Longitude:	-121.307335		

Regulated Programs

EI ID:	10180471
EI Description:	Chemical Storage Facilities
EI ID:	10180471
EI Description:	Aboveground Petroleum Storage
EI ID:	10180471
EI Description:	Hazardous Waste Generator

Violations

Violation Date:	10/29/2013	***Violation Source:***	CERS

Violation Program: HW **Violation Division:** Roseville City Fire Department
Citation: 22 CCR 23 66273.34 - California Code of Regulations, Title 22, Chapter 23, Section(s) 66273.34
Violation Notes:

Returned to compliance on 11/22/2013.

Violation Description:

Failure to properly label the following categories of universal waste as:
1) Each batteries or the container in which the batteries are contained as "Universal Waste-Battery(ies)".
2) Each mercury-containing equipment or the container in which the mercury-containing equipment is contained as "Universal Waste -Mercury-Containing Equipment".
3) Each Florescent lamp or the container or package in which the lamps are contained as "Universal Waste-Lamp(s)".
4) Each electronic devices or the container or pallet in or on which the electronic devices are contained as "Universal Waste-Electronic Device(s)".
5) Each CRTs or the container or pallet in or on which the CRTs are contained as "Universal Waste-CRT(s)".
6) A container of CRT glass shall be labeled or marked clearly with the following phrase: "Universal Waste-CRT glass".
7) In lieu of labeling individual electronic devices, CRTs, and/or containers of CRT glass pursuant to subsections d) through f) of this section, a universal waste handler may combine, package, and accumulate those universal wastes in appropriate containers or within a designated area demarcated by boundaries that are clearly labeled with the applicable portion(s) of the following phrase: "Universal Waste-Electronic Device(s)/Universal Waste - CRT (s)/Universal Waste-CRT Glass".

Violations

Violation Date: 12/07/2021 **Violation Source:** CERS
Violation Program: APSA **Violation Division:** Roseville City Fire Department
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Returned to compliance on 01/11/2022.

Violation Description:

Failure to promptly correct visible discharges and promptly remove any accumulations of oil in diked areas.

Violations

Violation Date: 11/21/2016 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Roseville City Fire Department
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Notes:

Returned to compliance on 01/11/2017. Renew CERS

Violation Description:

Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violations

Violation Date: 10/29/2013 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Roseville City Fire Department
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Notes:

Returned to compliance on 11/22/2013. Inspection forms are not completed and dated to verify that inspections are occuring.

Violation Description:

Failure to inspect hazardous waste storage areas at least weekly.

Violations

Violation Date: 10/22/2015 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Roseville City Fire Department
Citation: 22 CCR 16 66266.81(b) - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.81(b)
Violation Notes:

Returned to compliance on 11/23/2015. Place a poly container under old batteries

Violation Description:

Failure to properly manage, store, and label a damaged lead acid battery so as to minimize the release of acid and lead and to protect the environment.

Violations

Violation Date: 10/16/2019 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Roseville City Fire Department
Citation: 22 CCR 15 66265.192(h) - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.192(h)
Violation Notes:

Returned to compliance on 12/13/2019. - engineered waste tank assessment on 250 gal con vault tank

Violation Description:

Failure of generator to obtain assessment or reassessment every five (5) years or the remaining service life of the tank system, as stated in the engineer's assessment, whichever is less. This assessment applies to onground or aboveground tank systems containing only non-RCRA hazardous wastes generated onsite, or for a small quantity generator onground or aboveground tank systems containing RCRA hazardous wastes generated onsite.

Violations

Violation Date: 10/16/2019 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Roseville City Fire Department
Citation: HSC 6.95 25505(c) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(c)
Violation Notes:

Returned to compliance on 11/15/2019. - please have current HMBP onsite from CERS

Violation Description:

Failure to have a business plan readily available to personnel of the business or the unified program facility with responsibilities for emergency response or training.

Violations

Violation Date: 10/09/2014 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Roseville City Fire Department
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Notes:

Returned to compliance on 10/09/2014.

Violation Description:

Failure to properly handle, manage, label, and recycle used oil and fuel filters.

Violations

Violation Date: 10/22/2015 **Violation Source:** CERS
Violation Program: HMRRP **Violation Division:** Roseville City Fire Department
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Notes:

Returned to compliance on 10/30/2015.

Violation Description:

Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.

Violations

Violation Date: 11/21/2016 ***Violation Source:*** CERS
Violation Program: HMRRP ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.95 Multiple - California Health and Safety Code, Chapter 6.95, Section(s) Multiple
Violation Notes:

Returned to compliance on 01/19/2017. Unidentified 5 gal bucket (used to hold new oil) 1/2 full of clear liquid, smelled of bleach. Please label. Bucket was removed.

Violation Description:

Business Plan Program - Operations/Maintenance - General

Violations

Violation Date: 10/02/2020 ***Violation Source:*** CERS
Violation Program: APSA ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.67 25270.4.5(a) - California Health and Safety Code, Chapter 6.67, Section(s) 25270.4.5(a)
Violation Notes:

Returned to compliance on 11/17/2020. - Replace the sight gauge on the 250 gallon waste oil tank

Violation Description:

Failure to engineer or update each container installation in accordance with good engineering practice to avoid discharges and/or failure to provide at least one of the following devices on each container installation:

1. An audible or visual high liquid level alarm.

2. High liquid level pump cutoff devices.

3. Audible or code signal communications between tank gauger and pumping station.

4. A fast response system for determining liquid levels, such as computers, telepulse or direct vision gauges.

Violations

Violation Date: 10/16/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 15 66265.194 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.194
Violation Notes:

Returned to compliance on 11/15/2019. - new oil and hydraulic fluid ast secondary containment needs to be cleaned out in shop

Violation Description:

Failure to comply with general tank operating requirements:
(a) Hazardous wastes or treatment reagents shall not be placed in a tank system if they could cause the tank , its ancillary equipment, or the secondary containment system to rupture, leak, corrode, or otherwise fail;.
(b) The owner or operator shall use appropriate controls and practices to prevent spills and overflows from tank or secondary containment systems. These include at a minimum: (1) spill prevention controls (e.g., check valves, dry discount couplings); (2) overfill prevention controls (e.g., level sensing devices, high level alarms, automatic feed cutoff, or bypass to a standby tank); and (3) maintenance of sufficient freeboard in uncovered tanks to prevent overtopping by wave or wind action or by precipitation. Uncovered tanks shall be operated to ensure at least 60 centimeters (2 feet) of freeboard, unless the tank is equipped with a containment structure (e.g., standby tank with a capacity that equals or exceeds the volume of the top 60 centimeters (2 feet) of the tank).

Violations

Violation Date: 10/16/2019 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 15 66265.171 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.171
Violation Notes:

Returned to compliance on 12/13/2019. drum in overpack by air compressor needs to be properly removed from the site

Violation Description:

Failure to accumulate hazardous waste in a container that is in good condition.

Violations

Violation Date: 10/02/2020 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Notes:

Returned to compliance on 11/17/2020. 2 black 55 gallon drums in waste area do not have the lids secured.

Violation Description:

Failure to meet the following container management requirements:
(a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste.
(b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violations

Violation Date: 11/21/2016 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 11 66261.7 - California Code of Regulations, Title 22, Chapter 11, Section(s) 66261.7
Violation Notes:

Returned to compliance on 01/19/2017. label empty 55 gal drum near water treatment are - removed

Violation Description:

Failure to manage empty containers greater than 5 gallons in capacity that previously held a hazardous material/waste in accordance with 22 CCR 11 66261.7 including but not limited to the following:
(e)(2)By reclaiming its scrap value onsite or shipping the container or inner liner to a person who reclaims its scrap value; or
(3) By reconditioning or remanufacturing the container or inner liner onsite for subsequent reuse, or shipping the container or inner liner to a person who reconditions or remanufactures the container or inner liner; or
(4) By shipping the container or inner liner to a supplier or to another intermediate collection location for accumulation prior to managing the container or inner liner pursuant to subsections (e)(2) or (e)(3) of this section; or
(i) By shipping the container or inner liner back to the supplier for the purpose of being refilled.
(f) A container or an inner liner removed from a container larger than five gallons in capacity which is managed pursuant to subsection (e) of this section shall be marked with the date it has been emptied and shall be managed within one year of being emptied.

Evaluations

Eval Date: 10/09/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/02/2020
Violations Found: Yes

Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 11/15/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 12/07/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/02/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 04/11/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/16/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/16/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 11/21/2016
Violations Found: Yes

Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 11/21/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/02/2020
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 01/19/2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 11/15/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 12/13/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/09/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/22/2015
Violations Found: No

Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 12/07/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 11/21/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 12/13/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/29/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/22/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 04/11/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/29/2013
Violations Found: No

Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/16/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 12/13/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 11/15/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 04/11/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/09/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 12/07/2021
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: APSA
Eval Source: CERS
Eval Notes:

Eval Date: 10/22/2015
Violations Found: Yes

Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/29/2013
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Parent Corporation
Entity Name: Holt of California
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Legal Owner
Entity Name: Holt of California
Entity Title:
Address: 7310 Pacific Ave
City: Pleasant Grove
State: CA
Country: United States
Zip Code: 95668
Phone: (916) 991-8200

Affil Type Desc: Operator
Entity Name: Holt of California - The CAT Rental Store
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (916) 991-8200

Affil Type Desc: Property Owner
Entity Name: Holt of California
Entity Title:
Address: 7310 Pacific Ave
City: PLEASANT GROVE
State: CA
Country: United States
Zip Code: 95668
Phone: (916) 991-8200

Affil Type Desc: Document Preparer
Entity Name: Mike Mason
Entity Title:
Address:
City:
State:
Country:
Zip Code:

Phone:

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 7310 Pacific Ave
City: Pleasant Grove
State: CA
Country:
Zip Code: 95668
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Mike Mason
Entity Title:
Address: 7310 Pacific Ave
City: Pleasant Grove
State: CA
Country:
Zip Code: 95668
Phone:

Affil Type Desc: Identification Signer
Entity Name: NATHAN LADD
Entity Title: SAFETY MANAGER
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title:
Address: 316 Vernon Street Suite #480
City: Roseville
State: CA
Country:
Zip Code: 95678
Phone: (916) 774-5800

Coordinates

Env Int Type Code: APSA
Program ID: 10180471
Latitude: 38.796580
Longitude: -121.307330
Coord Name:
Ref Point Type Desc: Center of a facility or station.

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28 | ***4 of 12*** | ***SE*** | ***0.23 / 1,189.10*** | ***131.32 / 19*** | ***CAT Rental Store 10000 INDUSTRIAL AV CA*** | ***CUPA ROSEVILLE***

CERS ID: 10180471
Record ID: FD16-1216
Record Status: History
Fiscal Year: 2017
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed with CUPA Discount
Insp Date: 4/13/2018 4:19:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 4/25/2018

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	4/11/2018 10:34:59 AM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	4/11/2018 10:00:00 AM
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	4/11/2018 10:34:59 AM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	4/11/2018 10:00:00 AM
Pri Occ:	Yes		
Occupancy:	Liquified Petroleum Gas		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	4/11/2018 10:34:59 AM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	4/11/2018 10:00:00 AM
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Passed with CUPA Discount	***Inspection Type:***	CUPA Inspection
Insp Date:	4/13/2018 4:19:00 PM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	4/25/2018
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Passed with CUPA Discount	***Inspection Type:***	CUPA Inspection
Insp Date:	4/13/2018 4:19:00 PM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	4/25/2018
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	4/11/2018 10:34:59 AM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	4/11/2018 10:00:00 AM
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Passed with CUPA Discount	***Inspection Type:***	CUPA Inspection
Insp Date:	4/13/2018 4:19:00 PM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	4/25/2018
Pri Occ:	Yes		
Occupancy:	Liquified Petroleum Gas		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	*5 of 12*	*SE*	*0.23 / 1,189.10*	*131.32 / 19*	***CAT Rental Store*** ***10000 INDUSTRIAL AV*** ***CA***	***CUPA ROSEVILLE***

CERS ID:		***CUPA:***	Yes

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Record ID: FD15-1591
Record Status: History
Fiscal Year: 2016
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 1/19/2017 4:11:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 1/19/2017

Details

Insp Status: Failed
Insp Date: 11/21/2016 4:21:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 11/21/2016

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28 | 6 of 12 | SE | 0.23 / 1,189.10 | 131.32 / 19 | CAT Rental Store, 10000 INDUSTRIAL AV, CA | CUPA ROSEVILLE

CERS ID:
Record ID: FD13-0487
Record Status: History
Fiscal Year: 2014
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status:
Insp Date:
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type:
Inspector:
Sched Date:

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28 | 7 of 12 | SE | 0.23 / 1,189.10 | 131.32 / 19 | CAT Rental Store, 10000 INDUSTRIAL AV, CA | CUPA ROSEVILLE

CERS ID: 10180471
Record ID: FD18-0625
Record Status: History
Fiscal Year: 2018
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 6/21/2019 9:05:00 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA CERS Review
Inspector: Rizzi
Sched Date: 6/22/2019

Details

Insp Status: Passed
Insp Date: 6/21/2019 9:05:00 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA CERS Review
Inspector: Rizzi
Sched Date: 6/22/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Passed	***Inspection Type:***	CUPA CERS Review
Insp Date:	6/21/2019 9:05:00 AM	***Inspector:***	Rizzi
Annual Insp Date:	6/20/2020	***Sched Date:***	6/22/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Passed	***Inspection Type:***	CUPA CERS Review
Insp Date:	6/21/2019 9:05:00 AM	***Inspector:***	Rizzi
Annual Insp Date:	6/20/2020	***Sched Date:***	6/22/2019
Pri Occ:	Yes		
Occupancy:	Liquified Petroleum Gas		

28	***8 of 12***	***SE***	***0.23 / 1,189.10***	***131.32 / 19***	***CAT Rental Store 10000 INDUSTRIAL AV CA***	***CUPA ROSEVILLE***

CERS ID:		***CUPA:***	Yes
Record ID:	FD15-1068	***CUPA Discount:***	Yes
Record Status:	History	***Balance:***	0
Fiscal Year:	2015	***Fire District:***	7

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	10/22/2015 2:25:00 PM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	10/22/2015
Pri Occ:	Yes		
Occupancy:	CUPA		

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	11/20/2015 11:35:00 AM	***Inspector:***	Richter
Annual Insp Date:		***Sched Date:***	11/20/2015
Pri Occ:	Yes		
Occupancy:	CUPA		

28	***9 of 12***	***SE***	***0.23 / 1,189.10***	***131.32 / 19***	***HOLT OF CALIFORNIA 10000 INDUSTRIAL AVE ROSEVILLE CA 95678-0000***	***RCRA NON GEN***

EPA Handler ID:	CAL000171381
Gen Status Universe:	No Report
Contact Name:	MIKE MASON
Contact Address:	7310 PACIFIC AVE , , PLEASANT GROVE , CA, 95668 ,
Contact Phone No and Ext:	916-921-8917
Contact Email:	MMASON@HOLTCA.COM
Contact Country:	
County Name:	PLACER
EPA Region:	09
Land Type:	
Receive Date:	19991229
Location Latitude:	38.79621
Location Longitude:	-121.307844

Violation/Evaluation Summary

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19991229
Handler Name:	HOLT OF CALIFORNIA
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	7310 PACIFIC AVE
Name:	HOLT OF CALIFORNIA	**Street 2:**	
Date Became Current:		**City:**	PLEASANT GROVE
Date Ended Current:		**State:**	CA
Phone:	916-921-8800	**Country:**	
Source Type:	Implementer	**Zip Code:**	95668-9708

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	7310 PACIFIC AVE
Name:	MIKE MASON	**Street 2:**	
Date Became Current:		**City:**	PLEASANT GROVE
Date Ended Current:		**State:**	CA
Phone:	916-921-8917	**Country:**	
Source Type:	Implementer	**Zip Code:**	95668

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	10 of 12	SE	0.23 / 1,189.10	131.32 / 19	CAT Rental Store 10000 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:	10180471	**CUPA:**	Yes
Record ID:	FD19-0599	**CUPA Discount:**	Yes
Record Status:	History	**Balance:**	0
Fiscal Year:	2019	**Fire District:**	7

Details

Insp Status:	Failed	**Inspection Type:**	Biennial CUPA
Insp Date:	11/15/2019 10:02:13 AM	**Inspector:**	Salter
Annual Insp Date:	6/20/2020	**Sched Date:**	10/30/2019

Pri Occ: Yes
Occupancy: Hazardous Waste

Details

Insp Status: Failed
Insp Date: 10/16/2019 11:31:18 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 10/16/2019

Details

Insp Status: Passed
Insp Date: 12/13/2019 7:16:06 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: AST
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 11/29/2019

Details

Insp Status: Passed
Insp Date: 12/13/2019 7:16:06 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 11/29/2019

Details

Insp Status: Failed
Insp Date: 10/16/2019 11:31:18 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: AST
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 10/16/2019

Details

Insp Status: Passed
Insp Date: 12/13/2019 7:16:06 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 11/29/2019

Details

Insp Status: Failed
Insp Date: 10/16/2019 11:31:18 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 10/16/2019

Details

Insp Status: Failed
Insp Date: 11/15/2019 10:02:13 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: AST
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 10/30/2019

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Status: Failed
Insp Date: 11/15/2019 10:02:13 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 10/30/2019

Details

Insp Status: Failed
Insp Date: 10/16/2019 11:31:18 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 10/16/2019

Details

Insp Status: Failed
Insp Date: 11/15/2019 10:02:13 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 10/30/2019

Details

Insp Status: Passed
Insp Date: 12/13/2019 7:16:06 AM
Annual Insp Date: 6/20/2020
Pri Occ: Yes
Occupancy: Liquified Petroleum Gas
Inspection Type: Biennial CUPA
Inspector: Salter
Sched Date: 11/29/2019

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
28	11 of 12	SE	0.23 / 1,189.10	131.32 / 19	CAT Rental Store 10000 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10180471
Record ID: FP21-0599
Record Status: Pending
Fiscal Year: 2021
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 1/20/2022
Pri Occ: No
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/20/2022

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 1/20/2022
Pri Occ: No
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/20/2022

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 1/20/2022
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/20/2022

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Pri Occ: Yes
Occupancy: AST

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 1/20/2022
Pri Occ: No
Occupancy: Liquified Petroleum Gas
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/20/2022

---

28 | ***12 of 12*** | ***SE*** | ***0.23 / 1,189.10*** | ***131.32 / 19*** | ***CAT Rental Store 10000 INDUSTRIAL AV CA*** | ***CUPA ROSEVILLE***

CERS ID: 10180471
Record ID: FP20-0599
Record Status: History
Fiscal Year: 2020
CUPA: Yes
CUPA Discount: No
Balance: 1427
Fire District: 7

Details

Insp Status: Passed
Insp Date: 11/17/2020 6:45:00 AM
Annual Insp Date: 1/20/2021
Pri Occ: No
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/16/2020

Details

Insp Status: Failed
Insp Date: 10/2/2020 12:14:57 PM
Annual Insp Date: 1/20/2021
Pri Occ: No
Occupancy: Liquified Petroleum Gas
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/2/2020

Details

Insp Status: Passed
Insp Date: 11/17/2020 6:45:00 AM
Annual Insp Date: 1/20/2021
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/16/2020

Details

Insp Status: Passed
Insp Date: 11/17/2020 6:45:00 AM
Annual Insp Date: 1/20/2021
Pri Occ: No
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/16/2020

Details

Insp Status: Failed
Insp Date: 10/2/2020 12:14:57 PM
Annual Insp Date: 1/20/2021
Pri Occ: No
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/2/2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	10/2/2020 12:14:57 PM	***Inspector:***	Salter
Annual Insp Date:	1/20/2021	***Sched Date:***	10/2/2020
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	11/17/2020 6:45:00 AM	***Inspector:***	Salter
Annual Insp Date:	1/20/2021	***Sched Date:***	10/16/2020
Pri Occ:	No		
Occupancy:	Liquified Petroleum Gas		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	10/2/2020 12:14:57 PM	***Inspector:***	Salter
Annual Insp Date:	1/20/2021	***Sched Date:***	10/2/2020
Pri Occ:	No		
Occupancy:	Hazardous Material Storage, Use or Handling		

29	*1 of 3*	*E*	*0.23 / 1,189.93*	*112.32 / 0*	***CALIBER COLLISION CENTERS*** ***10640 INDUSTRIAL AVE*** ***ROSEVILLE CA 95612***	***RCRA NON GEN***

EPA Handler ID:	CAL000430529
Gen Status Universe:	No Report
Contact Name:	SHARON LAWRENCE
Contact Address:	401 EAST CORPORATE DR STE 150 , , LEWISVILLE , TX, 75057 ,
Contact Phone No and Ext:	469-948-9630
Contact Email:	SHARON.LAWRENCE@CALIBERCOLLISTION.COM
Contact Country:	
County Name:	PLACER
EPA Region:	09
Land Type:	
Receive Date:	20170908
Location Latitude:	38.801953
Location Longitude:	-121.303057

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20170908
Handler Name: CALIBER COLLISION CENTERS
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: SHARON LAWRENCE
Date Became Current:
Date Ended Current:
Phone: 469-948-9630
Source Type: Implementer
Street No:
Street 1: 401 EAST CORPORATE DR STE 150
Street 2:
City: LEWISVILLE
State: TX
Country:
Zip Code: 75057

Owner/Operator Ind: Current Owner
Type: Other
Name: CALIBER BODYWORKS INC
Date Became Current:
Date Ended Current:
Phone: 469-948-9630
Source Type: Implementer
Street No:
Street 1: 401 EAST CORPORATE DR STE 150
Street 2:
City: LEWISVILLE
State: TX
Country:
Zip Code: 75057

29	2 of 3	E	0.23 / 1,189.93	112.32 / 0	CALIBER COLLISION CENTER - INDUSTRIAL 10640 INDUSTRIAL AVE ROSEVILLE CA 95747	EMISSIONS

2017 Criteria Data

Facility ID: 2611
Facility SIC Code: 7532
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 0
ROGT: 0
COT:
NOXT:
SOXT:
PMT:
PM10T:

2017 Toxic Data

Facility ID: 2611
Facility SIC Code: 7532
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2018 Criteria Data

Facility ID: 2611
Facility SIC Code: 7532
CERR Code:
TOGT: 0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CO:	31	**ROGT:**	0
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2018 Toxic Data

Facility ID:	2611	**COID:**	PLA
Facility SIC Code:	7532	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
Facility ID:	2611	**ROGT:**	0
District:	PLA	**COT:**	
Facility SIC Code:	7532	**NOXT:**	
CO ID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD		
PM10T:			
TOGT:	0		
PMT:			

2019 Toxic Data

CO:	31	**DISN:**	PLACER COUNTY APCD
Air Basin:	SV	**CHAPIS:**	
Faccility ID:	2611	**CERR Code:**	
District:	PLA	**TS:**	
Facility SIC Code:	7532	**Health Risk Asmt:**	
COID:	PLA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2020 Criteria Data

CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
Facility ID:	2611	**ROGT:**	.062095
District:	PLA	**COT:**	
Facility SIC Code:	7532	**NOXT:**	
CO ID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD		
TOGT:	.062855552181394878024091507237574653305		
PMT:			
PM10T:			

2020 Toxic Data

CO:	31	**DISN:**	PLACER COUNTY APCD
Air Basin:	SV	**CHAPIS:**	
Facility ID:	2611	**CHERR Code:**	
District:	PLA	**TS:**	
Facility SIC Code:	7532	**Health Risk Asmt:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
COID: PLA **Non-Cancer Chronic Haz Ind:** **Non-Cancer Acute Haz Ind:**						
29	3 of 3	E	0.23 / 1,189.93	112.32 / 0	ALLSTAR POWDERCOATING 10632 INDUSTRIAL AVE., SUITE 140 ROSEVILLE CA 95678	EMISSIONS

2020 Toxic Data

CO:	31	**DISN:**	PLACER COUNTY APCD
Air Basin:	SV	**CHAPIS:**	
Facility ID:	11635	**CHERR Code:**	
District:	PLA	**TS:**	
Facility SIC Code:	3479	**Health Risk Asmt:**	
COID:	PLA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
30	1 of 2	ESE	0.23 / 1,190.23	118.81 / 6	H.B. FULLER 10500 INDUSTRIAL ROSEVILLE CA 95678	AST

Total Capacity(Gal):	44,156	**Owner Name:**	H.B. FULLER
CUPA:	Roseville	**County:**	Placer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
30	2 of 2	ESE	0.23 / 1,190.23	118.81 / 6	H.B. FULLER 10500 INDUSTRIAL ROSEVILLE CA 95678	AST

Total Capacity(Gal):	44,156	**Owner Name:**	H.B. FULLER
CUPA:	Placer	**County:**	Placer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
31	1 of 1	NW	0.23 / 1,199.30	118.21 / 6	AMERICAN LANDSCAPE & CONCRETE CONTR 4235 DULUTH AVE ROCKLIN CA 95765	CUPA PLACER

Facility ID:	FA0016245
District:	18

Details

Program ID:	PR0011944
Status Code:	02
Status Desc:	Closed
Program Element Code:	2268
Program Element Desc:	CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
Program ID:	PR0011823
Status Code:	02
Status Desc:	Closed
Program Element Code:	2106
Program Element Desc:	**DO NOT USE**HAZMAT- ABOVE GROUND WITH WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	1 of 12	SSW	0.23 / 1,219.14	117.44 / 5	Roseville Mobil 1398 BLUE OAKS BLVD ROSEVILLE CA 95678	CERS TANK

Site ID: 148996 **Latitude:** 38.796085
Longitude: -121.312943

Regulated Programs

EI ID: 10405237
EI Description: Hazardous Waste Generator

EI ID: 10405237
EI Description: Underground Storage Tank

EI ID: 10405237
EI Description: Chemical Storage Facilities

Violations

Violation Date: 07/31/2017 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 10/05/2017. hazmat solid waste barrel is not legible

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 07/03/2019 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Roseville City Fire Department
Citation: 40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Notes:

Returned to compliance on 07/17/2019. Locking lid needed for solid waste

Violation Description:

Failure to meet the following container management requirements:
(a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste.
(b) A container holding hazardous waste must not be opened, handled, or stored in a manner which may rupture the container or cause it to leak.

Violations

Violation Date: 06/23/2020 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Roseville City Fire Department
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Notes:

Returned to compliance on 06/23/2020. - overfill alarm speaker needs to be repaired. Re tested and passed

Violation Description:

Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.

Violations

Violation Date: 08/04/2014 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Roseville City Fire Department
Citation: 23 CCR 16 2715(d) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(d)

Violation Notes:

Returned to compliance on 08/18/2014. D.O. did not report Diesel in UDC 11/12 on reports

Violation Description:

Failure to notify the owner or operator of any condition discovered during the monthly visual inspection that may require follow-up actions.

Violations

Violation Date: 08/04/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Notes:

Returned to compliance on 08/18/2014. Diesel in UDC 11/12 THIS WAS NOTED ON ANNUAL INSPECTION 2011 AND 2013,remove Diesel and provide proof on how the Diesel seepage was corrected

Violation Description:

Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.

Violations

Violation Date: 08/03/2016 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 09/14/2016. Properly label hazardous waste drum

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 08/04/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Roseville City Fire Department
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Notes:

Returned to compliance on 08/18/2014. Overfill alarm is not providing an audible or visual alarm

Violation Description:

Failure of the overfill prevention system to meet one of the following requirements:
1. Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or
2. Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or
3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or
4. Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.

Violations

Violation Date: 07/08/2021 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Notes:

Returned to compliance on 07/15/2021. The fail safe on the Veeder Root failed to operate. 2 out of the 3 Turbines did not shut down.

Violation Description:

Failure to operate the UST system to prevent unauthorized releases including leaks, spills, and/or overfills.

Violations

Violation Date: 08/03/2015 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 16 66266.130 - California Code of Regulations, Title 22, Chapter 16, Section(s) 66266.130
Violation Notes:

Returned to compliance on 08/10/2015. Barrels for liquid/solid waste not labeled

Violation Description:

Failure to properly handle, manage, label, and recycle used oil and fuel filters.

Violations

Violation Date: 07/03/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Roseville City Fire Department
Citation: HSC 6.7 25293 - California Health and Safety Code, Chapter 6.7, Section(s) 25293
Violation Notes:

Returned to compliance on 02/25/2020. Provide passing overfill prevention

Violation Description:

Failure to maintain UST records in sufficient detail to enable the UPA to determine whether the UST systems are in compliance.

Violations

Violation Date: 07/03/2019 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Roseville City Fire Department
Citation: 23 CCR 16 2716(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2716(f)
Violation Notes:

Returned to compliance on 07/17/2019. May 2019 DO report missing

Violation Description:

"Failure to maintain on-site, or off-site at a readily available location if approved by the UPA, copies of Designated Operator inspection records as follows:

Designated operator monthly inspection records for inspections performed before October 1, 2018 must be kept for 12 months from the month of inspection.

For inspections performed on or after October 1, 2018, copies of the ""Designated Underground Storage Tank Operator Visual Inspection Report"" must be kept for 36 months from the month of inspection.
"

Violations

Violation Date: 07/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Roseville City Fire Department
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Notes:

Returned to compliance on 10/05/2017. 87 spill bucket does not hold 5 gallons - need to replace

Violation Description:

Failure to comply with one or more of the following:

Failure to install or maintain a liquid-tight spill bucket.

Have a minimum capacity of five gallons.

Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container.

Be resistant to galvanic corrosion.

Violations

Violation Date: 08/04/2014 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Roseville City Fire Department
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Notes:

Returned to compliance on 08/04/2014. Drain valve failed Hydro bucket test - replaced entire drain and passed

Violation Description:

Failure to comply with one or more of the following: failure to install a spill bucket, have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container, and/or be resistant to galvanic corrosion.

Violations

Violation Date: 07/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Roseville City Fire Department
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Notes:

Returned to compliance on 10/05/2017. 91 spill bucket does not hold 5 gallons (leaking and too small) need to replace

Violation Description:

Failure to comply with one or more of the following:

Failure to install or maintain a liquid-tight spill bucket.

Have a minimum capacity of five gallons.

Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container.

Be resistant to galvanic corrosion.

Violations

Violation Date: 07/31/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Roseville City Fire Department
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Notes:

Returned to compliance on 10/05/2017. Diesel spill bucket does not hold 5 gallons; need to replace

Violation Description:

Failure to comply with one or more of the following:

Failure to install or maintain a liquid-tight spill bucket.

Have a minimum capacity of five gallons.

Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container.

Be resistant to galvanic corrosion.

Violations

Violation Date: 06/19/2017 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Roseville City Fire Department
Citation: 23 CCR 16 2636(f)(1) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2636(f)(1)
Violation Notes:

Returned to compliance on 06/19/2017. Diesel fill 91 sump 208 failed - replaced - retested and passed

Violation Description:

Failure of the double-walled pressurized piping to be continuously monitored with a system that activates an audible and visual alarm or stops flow at the dispenser when a leak is detected.

Violations

Violation Date: 07/30/2018 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Notes:

Returned to compliance on 10/15/2018. Provide the final signed copy of manifest 006443018 SKS

Violation Description:

Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.

Violations

Violation Date: 06/23/2020 ***Violation Source:*** CERS
Violation Program: UST ***Violation Division:*** Roseville City Fire Department
Citation: 23 CCR 16 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(j)
Violation Notes:

Returned to compliance on 06/23/2020. ATG on 87 missing float when pulled out, repaired, retested and passed

Violation Description:

Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.

Violations

Violation Date: 07/31/2017 ***Violation Source:*** CERS
Violation Program: HW ***Violation Division:*** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 10/05/2017. Hazwaste liquid barrel label is not legible

Violation Description:

Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 08/08/2013 **Violation Source:** CERS
Violation Program: HW **Violation Division:** Roseville City Fire Department
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)
Violation Notes:

Returned to compliance on 08/08/2013. Label HW drum

Violation Description:

Failure to properly label hazardous waste accumulation containers with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violations

Violation Date: 08/08/2013 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Roseville City Fire Department
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Notes:

Returned to compliance on 08/14/2013. Product observed in UDC 1 and 2

Violation Description:

Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.

Violations

Violation Date: 08/04/2014 **Violation Source:** CERS
Violation Program: UST **Violation Division:** Roseville City Fire Department
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Notes:

Returned to compliance on 08/04/2014. Diesel Fill sump full of gallons of water. Sensor was not in alarm, tested sensor and passed. Liquid removed.

Violation Description:

Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.

Evaluations

Eval Date: 07/07/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 08/04/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 08/08/2013
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency

Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 10/15/2018
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/06/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 07/06/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07/31/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/03/2019
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07/06/2022
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/08/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency

Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/07/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/03/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/03/2016
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/30/2018
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 08/08/2013
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 07/03/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/15/2020
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency

Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/30/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 07/08/2021
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07/03/2019
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 08/04/2014
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/04/2014
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 08/03/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/05/2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency

Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

RNSP from 7/31/17; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/30/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 10/05/2017
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

RNSP from 7/31/17; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 08/03/2015
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 08/03/2016
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 06/23/2020
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Cold start permit; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/30/2018
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 07/31/2017
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 08/08/2013
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07/17/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 08/03/2015
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 06/27/2017
Violations Found: Yes
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Cold Start Inspection; Note: data in [EVAL Notes] field for some records is truncated from the source.

Eval Date: 07/31/2017
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST
Eval Source: CERS
Eval Notes:

Eval Date: 07/08/2021
Violations Found: Yes
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: UST

Eval Source: CERS
Eval Notes:

Eval Date: 07/30/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07/15/2020
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HMRRP
Eval Source: CERS
Eval Notes:

Eval Date: 07/17/2019
Violations Found: No
Eval General Type: Other/Unknown
Eval Type: Other, not routine, done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Eval Date: 07/30/2020
Violations Found: No
Eval General Type: Compliance Evaluation Inspection
Eval Type: Routine done by local agency
Eval Division: Roseville City Fire Department
Eval Program: HW
Eval Source: CERS
Eval Notes:

Affiliations

Affil Type Desc: Legal Owner
Entity Name: GAWFCO Enterprises, Inc
Entity Title:
Address: 3669 Mount Diablo Blvd.
City: Lafayette
State: CA
Country: United States
Zip Code: 94549
Phone: (925) 979-0560

Affil Type Desc: Parent Corporation
Entity Name: Gawfco Enterprises, Inc.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Environmental Contact
Entity Name: Permits and Operations
Entity Title:

Address: 3669 Mount Diablo Blvd.
City: Lafayette
State: CA
Country:
Zip Code: 94549
Phone:

Affil Type Desc: Identification Signer
Entity Name: Mohammed N. Ahmadi
Entity Title: President
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: UST Tank Owner
Entity Name: GAWFCO Enterprises, Inc
Entity Title:
Address: 3669 Mount Diablo Blvd.
City: Lafayette
State: CA
Country: United States
Zip Code: 94549
Phone: (925) 979-0560

Affil Type Desc: Document Preparer
Entity Name: Stantec Consulting Services Inc.
Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone:

Affil Type Desc: Property Owner
Entity Name: GAWFCO Enterprises, Inc
Entity Title:
Address: 3669 Mount Diablo Blvd.
City: Lafayette
State: CA
Country: United States
Zip Code: 94549
Phone: (925) 979-0560

Affil Type Desc: CUPA District
Entity Name: Roseville City Fire Dept
Entity Title:
Address: 316 Vernon Street Suite #480
City: Roseville
State: CA
Country:
Zip Code: 95678
Phone: (916) 774-5800

Affil Type Desc: UST Tank Operator
Entity Name: GAWFCO Enterprises, Inc
Entity Title:
Address: 3669 Mount Diablo Blvd.
City: Lafayette
State: CA
Country: United States
Zip Code: 94549
Phone: (925) 979-0560

Affil Type Desc: Operator
Entity Name: GAWFCO Enterprises, Inc

Entity Title:
Address:
City:
State:
Country:
Zip Code:
Phone: (925) 979-0560

Affil Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title:
Address: 3669 Mount Diablo Blvd.
City: Lafayette
State: CA
Country:
Zip Code: 94549
Phone:

Affil Type Desc: UST Property Owner Name
Entity Name: GAWFCO Enterprises, Inc
Entity Title:
Address: 3669 Mount Diablo Blvd.
City: Lafayette
State: CA
Country: United States
Zip Code: 94549
Phone: (925) 979-0560

Affil Type Desc: UST Permit Applicant
Entity Name: Mohammed N. Ahmadi
Entity Title: President
Address:
City:
State:
Country:
Zip Code:
Phone: (925) 979-0560

Coordinates

Env Int Type Code:	HWG	***Longitude:***	-121.312940
Program ID:	10405237	***Coord Name:***	
Latitude:	38.796090	***Ref Point Type Desc:***	Center of a facility or station.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	2 of 12	SSW	0.23 / 1,219.14	117.44 / 5	Roseville Mobil 1398 Blue Oaks Blvd Roseville CA 95678	UST

Facility ID:		***Latitude:***	38.79609
CERS ID:	10405237	***Longitude:***	-121.31294
County:	Placer		
Permitting Agency:	Roseville City Fire Department		
Site Facility Type:	PERMITTED UNDERGROUND STORAGE TANK (UST)		
Note:	Information related to facilities can be searched on Geo Tracker Website: https://geotracker.waterboards.ca.gov/search		

Tank Details

Epa Region:	9	***Tank Closure Date:***	
No. of Closed UST:	0	***Tank Configuration:***	Stand Alone Tank
No. of Inuse UST:		***Tank Contents:***	Regular Unleaded
No. of Oos UST:	0	***Tank Cp Impr Curr:***	No
Owner Type:	Non-Government	***Tank Cp Shutoff:***	Yes
Tank ID No.:	1	***Tank Installatn Dt:***	9/15/2004 12:00:00 AM
Tank Status:	Confirmed/Updated Information	***Tank No of Compart:***	1
Tank Type:	Double Wall	***Tank Pc Constructn:***	Fiberglass

Tank Alarms:	No	**Tank Spill Bucket:**	Yes
Tank Ball Float:	No	**Tribal Lands:**	No
Tank Operator Name:	Gawfco Enterprises, Inc		
Tank Operator Mail Address:	3669 Mount Diablo Blvd.		
Tank Operator Mail City:	Lafayette		
Tank Operator Mail State:	CA		
Tank Operator Mail Zip:	94549		
Tank Owner Name:	Gawfco Enterprises, Inc		
Tank Owner Mailing Address:	3669 Mount Diablo Blvd.		
Tank Owner Mailing City:	Lafayette		
Tank Owner Mailing State:	CA		
Tank Owner Mailing Zip:	94549		
Tank Capacity Gallons:	20000		
Tank Piping Construction:	Double Walled		
Tank Piping Type:	Pressure		
Tank Pw Piping Construction:	Fiberglass		
Tank Sacrificial Anode:	No		

Tank Details

Epa Region:	9	**Tank Closure Date:**	
No. of Closed UST:	0	**Tank Configuration:**	One in a Compartmented Unit
No. of Inuse UST:		**Tank Contents:**	Diesel
No. of Oos UST:	0	**Tank Cp Impr Curr:**	No
Owner Type:	Non-Government	**Tank Cp Shutoff:**	Yes
Tank ID No.:	3	**Tank Installatn Dt:**	9/15/2004 12:00:00 AM
Tank Status:	Confirmed/Updated Information	**Tank No of Compart:**	2
Tank Type:	Double Wall	**Tank Pc Constructn:**	Fiberglass
Tank Alarms:	No	**Tank Spill Bucket:**	Yes
Tank Ball Float:	No	**Tribal Lands:**	No
Tank Operator Name:	Gawfco Enterprises, Inc		
Tank Operator Mail Address:	3669 Mount Diablo Blvd.		
Tank Operator Mail City:	Lafayette		
Tank Operator Mail State:	CA		
Tank Operator Mail Zip:	94549		
Tank Owner Name:	Gawfco Enterprises, Inc		
Tank Owner Mailing Address:	3669 Mount Diablo Blvd.		
Tank Owner Mailing City:	Lafayette		
Tank Owner Mailing State:	CA		
Tank Owner Mailing Zip:	94549		
Tank Capacity Gallons:	8000		
Tank Piping Construction:	Double Walled		
Tank Piping Type:	Pressure		
Tank Pw Piping Construction:	Fiberglass		
Tank Sacrificial Anode:	No		

Tank Details

Epa Region:	9	**Tank Closure Date:**	
No. of Closed UST:	0	**Tank Configuration:**	One in a Compartmented Unit
No. of Inuse UST:		**Tank Contents:**	Premium Unleaded
No. of Oos UST:	0	**Tank Cp Impr Curr:**	No
Owner Type:	Non-Government	**Tank Cp Shutoff:**	Yes
Tank ID No.:	2	**Tank Installatn Dt:**	9/15/2004 12:00:00 AM
Tank Status:	Confirmed/Updated Information	**Tank No of Compart:**	2
Tank Type:	Double Wall	**Tank Pc Constructn:**	Fiberglass
Tank Alarms:	No	**Tank Spill Bucket:**	Yes
Tank Ball Float:	No	**Tribal Lands:**	No
Tank Operator Name:	Gawfco Enterprises, Inc		
Tank Operator Mail Address:	3669 Mount Diablo Blvd.		
Tank Operator Mail City:	Lafayette		
Tank Operator Mail State:	CA		
Tank Operator Mail Zip:	94549		
Tank Owner Name:	Gawfco Enterprises, Inc		
Tank Owner Mailing Address:	3669 Mount Diablo Blvd.		
Tank Owner Mailing City:	Lafayette		
Tank Owner Mailing State:	CA		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Tank Owner Mailing Zip:	94549
Tank Capacity Gallons:	12000
Tank Piping Construction:	Double Walled
Tank Piping Type:	Pressure
Tank Pw Piping Construction:	Fiberglass
Tank Sacrificial Anode:	No

32	3 of 12	SSW	0.23 / 1,219.14	117.44 / 5	GAWFCO USA 1398 BLUE OAKS BLVD ROSEVILLE CA 95747	EMISSIONS

2008 Criteria Data

Facility ID:	1933	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	.9814972
CO:	31	**ROGT:**	.97786566036
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2008 Toxic Data

Facility ID:	1933	**COID:**	PLA
Facility SIC Code:	5541	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	1933	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	.970915
CO:	31	**ROGT:**	.971
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2009 Toxic Data

Facility ID:	1933	**COID:**	PLA
Facility SIC Code:	5541	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	1933	**COID:**	PLA
Facility SIC Code:	5541	**DISN:**	PLACER COUNTY APCD

CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	1933	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	1.059815
CO:	31	**ROGT:**	1.0558936845
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2011 Toxic Data

Facility ID:	1933	**COID:**	PLA
Facility SIC Code:	5541	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	1933	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	1.059815
CO:	31	**ROGT:**	1.0558936845
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2012 Toxic Data

Facility ID:	1933	**COID:**	PLA
Facility SIC Code:	5541	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	1933	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	1.059815
CO:	31	**ROGT:**	1.059815
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	

CHAPIS: ***PM10T:***

2013 Toxic Data

Facility ID: 1933
Facility SIC Code: 5541
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2014 Criteria Data

Facility ID: 1933
Facility SIC Code: 5541
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 1.059815
ROGT: 1.059815
COT:
NOXT:
SOXT:
PMT:
PM10T:

2014 Toxic Data

Facility ID: 1933
Facility SIC Code: 5541
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2015 Criteria Data

Facility ID: 1933
Facility SIC Code: 5541
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 1.059815
ROGT: 1.059815
COT:
NOXT:
SOXT:
PMT:
PM10T:

2015 Toxic Data

Facility ID: 1933
Facility SIC Code: 5541
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2016 Criteria Data

Facility ID:	1933	**CERR CODE:**	
Facility SIC Code:	5541	**TOGT:**	1.059815
CO:	31	**ROGT:**	1.059815
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2016 Toxic Data

Facility ID:	1933	**TS:**	
Facility SIC Code:	5541	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	PLA	**AH Index:**	
CO:	31	**Air Basin:**	SV
DISN:	PLACER COUNTY APCD	**District:**	PLA
CHAPIS:			

2017 Criteria Data

Facility ID:	1933	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	1.059815
CO:	31	**ROGT:**	1.059815
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2017 Toxic Data

Facility ID:	1933	**COID:**	PLA
Facility SIC Code:	5541	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2018 Criteria Data

Facility ID:	1933	**CERR Code:**	
Facility SIC Code:	5541	**TOGT:**	1.059815
CO:	31	**ROGT:**	1.059815
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2018 Toxic Data

Facility ID:	1933	**COID:**	PLA
Facility SIC Code:	5541	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Non-Cancer Acute Haz Ind:

2019 Criteria Data

CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
Facility ID:	1933	***ROGT:***	1.059815
District:	PLA	***COT:***	
Facility SIC Code:	5541	***NOXT:***	
CO ID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD		
PM10T:			
TOGT:	1.059815		
PMT:			

2019 Toxic Data

CO:	31	***DISN:***	PLACER COUNTY APCD
Air Basin:	SV	***CHAPIS:***	
Faccility ID:	1933	***CERR Code:***	
District:	PLA	***TS:***	
Facility SIC Code:	5541	***Health Risk Asmt:***	
COID:	PLA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2020 Criteria Data

CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
Facility ID:	1933	***ROGT:***	.8515115
District:	PLA	***COT:***	
Facility SIC Code:	5541	***NOXT:***	
CO ID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD		
TOGT:	.8515115		
PMT:			
PM10T:			

2020 Toxic Data

CO:	31	***DISN:***	PLACER COUNTY APCD
Air Basin:	SV	***CHAPIS:***	
Facility ID:	1933	***CHERR Code:***	
District:	PLA	***TS:***	
Facility SIC Code:	5541	***Health Risk Asmt:***	
COID:	PLA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	*4 of 12*	*SSW*	*0.23 / 1,219.14*	*117.44 / 5*	***Roseville Circle K/76 Station and Wash*** ***1398 BLUE OAKS BL*** ***CA***	***CUPA ROSEVILLE***

CERS ID:	10405237	***CUPA:***	Yes
Record ID:	FD16-0862	***CUPA Discount:***	Yes
Record Status:	History	***Balance:***	0
Fiscal Year:	2017	***Fire District:***	7

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	7/31/2017 11:54:37 AM	**Inspector:**	Richter
Annual Insp Date:		**Sched Date:**	8/8/2017
Pri Occ:	Yes		
Occupancy:	UST		

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	10/5/2017 11:38:26 AM	**Inspector:**	Walling
Annual Insp Date:		**Sched Date:**	8/14/2017
Pri Occ:	Yes		
Occupancy:	UST		

Details

Insp Status:	Passed with CUPA Discount	**Inspection Type:**	CUPA Inspection
Insp Date:	11/21/2017 4:24:00 PM	**Inspector:**	Walling
Annual Insp Date:		**Sched Date:**	10/19/2017
Pri Occ:	Yes		
Occupancy:	UST		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	5 of 12	SSW	0.23 / 1,219.14	117.44 / 5	Roseville Circle K/76 Station and Wash 1398 BLUE OAKS BL CA	CUPA ROSEVILLE

CERS ID:		**CUPA:**	Yes
Record ID:	FD15-0655	**CUPA Discount:**	Yes
Record Status:	History	**Balance:**	0
Fiscal Year:	2015	**Fire District:**	7

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	9/8/2015 3:40:00 PM	**Inspector:**	Richter
Annual Insp Date:		**Sched Date:**	8/17/2015
Pri Occ:	Yes		
Occupancy:	CUPA		

Details

Insp Status:	Passed	**Inspection Type:**	CUPA Inspection
Insp Date:	9/16/2015 8:14:00 AM	**Inspector:**	Richter
Annual Insp Date:		**Sched Date:**	9/22/2015
Pri Occ:	Yes		
Occupancy:	CUPA		

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	8/3/2015 3:37:00 PM	**Inspector:**	Richter
Annual Insp Date:		**Sched Date:**	8/3/2015
Pri Occ:	Yes		
Occupancy:	CUPA		

Details

Insp Status:	Passed	**Inspection Type:**	CUPA Inspection
Insp Date:	9/16/2015 8:14:00 AM	**Inspector:**	Richter
Annual Insp Date:		**Sched Date:**	9/22/2015

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Pri Occ: No
Occupancy: M : Mercantile

Details

Insp Status: Failed
Insp Date: 9/8/2015 3:40:00 PM
Annual Insp Date:
Pri Occ: No
Occupancy: M : Mercantile
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 8/17/2015

Details

Insp Status: Failed
Insp Date: 8/3/2015 3:37:00 PM
Annual Insp Date:
Pri Occ: No
Occupancy: M : Mercantile
Inspection Type: CUPA Inspection
Inspector: Richter
Sched Date: 8/3/2015

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32 | 6 of 12 | SSW | 0.23 / 1,219.14 | 117.44 / 5 | Roseville Circle K/76 Station and Wash, 1398 BLUE OAKS BL, CA | CUPA ROSEVILLE

CERS ID: 10405237
Record ID: FD17-0759
Record Status: History
Fiscal Year: 2018
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 7/30/2018 2:25:08 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: UST
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 7/31/2018

Details

Insp Status: Passed
Insp Date: 10/15/2018 10:36:06 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: UST
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 8/13/2018

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32 | 7 of 12 | SSW | 0.23 / 1,219.14 | 117.44 / 5 | Roseville Circle K/76 Station and Wash, 1398 BLUE OAKS BL, CA | CUPA ROSEVILLE

CERS ID:
Record ID: FD15-1317
Record Status: History
Fiscal Year: 2016
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 8/3/2016 9:09:00 AM
Annual Insp Date:
Pri Occ: No
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 8/3/2016

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Occupancy: M : Mercantile

Details

Insp Status: Passed
Insp Date: 9/14/2016 1:15:00 PM
Annual Insp Date:
Pri Occ: No
Occupancy: M : Mercantile
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 8/22/2016

Details

Insp Status: Failed
Insp Date: 8/3/2016 9:09:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 8/3/2016

Details

Insp Status: Passed
Insp Date: 6/19/2017 11:55:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: Fire & Life Safety Inspection
Inspector: Walling
Sched Date: 6/19/2017

Details

Insp Status: Passed
Insp Date: 9/14/2016 1:15:00 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 8/22/2016

Details

Insp Status: Passed
Insp Date: 6/19/2017 11:55:00 AM
Annual Insp Date:
Pri Occ: No
Occupancy: M : Mercantile
Inspection Type: Fire & Life Safety Inspection
Inspector: Walling
Sched Date: 6/19/2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
32	8 of 12	SSW	0.23 / 1,219.14	117.44 / 5	Roseville Circle K/76 Station and Wash 1398 BLUE OAKS BL CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD13-0229
Record Status: History
Fiscal Year: 2014
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 8/4/2014 11:31:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: Fire & Life Safety Inspection
Inspector: Walling
Sched Date: 8/4/2014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Passed	***Inspection Type:***	Fire & Life Safety Inspection
Insp Date:	8/21/2014 11:38:00 AM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	9/4/2014
Pri Occ:	Yes		
Occupancy:	CUPA		

Details

Insp Status:	Failed	***Inspection Type:***	Fire & Life Safety Inspection
Insp Date:	8/4/2014 11:31:00 AM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	8/4/2014
Pri Occ:	No		
Occupancy:	M : Mercantile		

Details

Insp Status:	Passed	***Inspection Type:***	Fire & Life Safety Inspection
Insp Date:	8/21/2014 11:38:00 AM	***Inspector:***	Walling
Annual Insp Date:		***Sched Date:***	9/4/2014
Pri Occ:	No		
Occupancy:	M : Mercantile		

32	***9 of 12***	***SSW***	***0.23 / 1,219.14***	***117.44 / 5***	***GAWFCO ENTERPRISES INC DBA ROSEVILLE CIRCLE K 1398 BLUE OAKS BLVD ROSEVILLE CA 95678-7014***	***RCRA NON GEN***

EPA Handler ID:	CAL000286482
Gen Status Universe:	No Report
Contact Name:	MOHAMMED N AHMADI
Contact Address:	587 YGNACIO VALLEY RD , , WALNUT CREEK , CA, 94596 ,
Contact Phone No and Ext:	925-979-0560
Contact Email:	MAY@GAWFCO.COM
Contact Country:	
County Name:	PLACER
EPA Region:	09
Land Type:	
Receive Date:	20040917
Location Latitude:	38.796174
Location Longitude:	-121.312971

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No

Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20040917
Handler Name: GAWFCO ENTERPRISES INC DBA ROSEVILLE CIRCLE K
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: MOHAMMED N AHMADI
Date Became Current:
Date Ended Current:
Phone: 925-979-0560
Source Type: Implementer
Street No:
Street 1: 587 YGNACIO VALLEY RD
Street 2:
City: WALNUT CREEK
State: CA
Country:
Zip Code: 94596

Owner/Operator Ind: Current Owner
Type: Other
Name: MOHAMMED N. AHMADI
Date Became Current:
Date Ended Current:
Phone: 925-979-0560
Source Type: Implementer
Street No:
Street 1: 587 YGNACIO VALLEY RD.
Street 2:
City: WALNUT CREEK
State: CA
Country:
Zip Code: 94596

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32 | ***10 of 12*** | ***SSW*** | ***0.23 / 1,219.14*** | ***117.44 / 5*** | ***Roseville Circle K/76 Station and Wash***
1398 BLUE OAKS BL
CA | ***CUPA ROSEVILLE***

CERS ID: 10405237
Record ID: FD18-0923
Record Status: History
Fiscal Year: 2019
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 7/17/2019 10:21:04 AM
Annual Insp Date: 7/2/2020
Pri Occ: Yes
Occupancy: UST
Inspection Type: CUPA Inspection
Inspector: Pruter
Sched Date: 7/17/2019

Details

Insp Status: Failed
Insp Date: 7/3/2019 12:00:00 PM
Annual Insp Date: 7/2/2020
Pri Occ: Yes
Occupancy: UST
Inspection Type: CUPA Inspection
Inspector: Pruter
Sched Date: 7/30/2019

Details

Insp Status: Passed
Insp Date: 2/25/2020 7:28:00 AM
Annual Insp Date: 7/2/2020
Pri Occ: Yes
Inspection Type: CUPA Inspection
Inspector: Pruter
Sched Date: 2/13/2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Occupancy: UST

Details

Insp Status: Passed
Insp Date: 7/3/2019
Annual Insp Date: 7/2/2020
Pri Occ: Yes
Occupancy: UST
Inspection Type: CUPA UST
Inspector: Pruter
Sched Date: 6/20/2020

Details

Insp Status: Passed
Insp Date: 6/23/2020 11:16:32 AM
Annual Insp Date: 7/2/2020
Pri Occ: Yes
Occupancy: UST
Inspection Type: Fire & Life Safety Inspection
Inspector: Salter
Sched Date: 6/23/2020

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32 ***11 of 12*** ***SSW*** ***0.23 / 1,219.14*** ***117.44 / 5*** ***Roseville Circle K/76 Station and Wash***
1398 BLUE OAKS BL
CA
CUPA ROSEVILLE

CERS ID: 10405237
Record ID: FP20-0923
Record Status: History
Fiscal Year: 2020
CUPA: Yes
CUPA Discount: No
Balance: 1795
Fire District: 7

Details

Insp Status: Passed
Insp Date: 7/30/2020 10:01:39 AM
Annual Insp Date: 7/2/2020
Pri Occ: Yes
Occupancy: UST
Inspection Type: CUPA UST
Inspector: Salter
Sched Date: 7/29/2020

Details

Insp Status: Failed
Insp Date: 7/15/2020
Annual Insp Date: 7/2/2020
Pri Occ: Yes
Occupancy: UST
Inspection Type: CUPA UST
Inspector: Zine
Sched Date: 7/6/2020

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32 ***12 of 12*** ***SSW*** ***0.23 / 1,219.14*** ***117.44 / 5*** ***Roseville Circle K/76 Station and Wash***
1398 BLUE OAKS BL
CA
CUPA ROSEVILLE

CERS ID: 10405237
Record ID: FP21-0923
Record Status: Pending
Fiscal Year: 2021
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 7/2/2021
Pri Occ: Yes
Occupancy: UST
Inspection Type: CUPA UST
Inspector: Zine
Sched Date: 7/2/2021

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
33	1 of 1	NW	0.24 / 1,245.51	116.12 / 4	SUMMIT AIR WORKS INC. 4223 DULUTH AVE ROCKLIN CA 95765	RCRA NON GEN

EPA Handler ID: CAL000395906
Gen Status Universe: No Report
Contact Name: LANCE TOLER
Contact Address: 4223 DULUTH AVE , , ROCKLIN , CA, 95765 ,
Contact Phone No and Ext: 916-729-8082
Contact Email: LANCE@SUMMITAIRWORKS.COM
Contact Country:
County Name: PLACER
EPA Region: 09
Land Type:
Receive Date: 20140416
Location Latitude: 38.807343
Location Longitude: -121.317894

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20140416
Handler Name: SUMMIT AIR WORKS INC.
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: LANCE TOLER
Date Became Current:
Date Ended Current:
Phone: 916-729-8082
Source Type: Implementer
Street No:
Street 1: 4223 DULUTH AVE
Street 2:
City: ROCKLIN
State: CA
Country:
Zip Code: 95765

Owner/Operator Ind: Current Owner
Type: Other
Street No:
Street 1: 4223 DULUTH AVE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	CHIRS FUSELIER	**Street 2:**	
Date Became Current:		**City:**	ROCKLIN
Date Ended Current:		**State:**	CA
Phone:	916-729-2082	**Country:**	
Source Type:	Implementer	**Zip Code:**	95765-0000

34	1 of 9	NE	0.24 / 1,249.44	119.80 / 7	SUPERIOR COURT OF CALIFORNIA 10820 JUSTICE CENTER DR ROSEVILLE CA 95678	EMISSIONS

2009 Criteria Data

Facility ID:	8776	**CERR Code:**	
Facility SIC Code:	9211	**TOGT:**	.034
CO:	31	**ROGT:**	.0149675
Air Basin:	SV	**COT:**	.2235
District:	PLA	**NOXT:**	.27674
COID:	PLA	**SOXT:**	.001587
DISN:	PLACER COUNTY APCD	**PMT:**	.020102
CHAPIS:		**PM10T:**	.02036

2009 Toxic Data

Facility ID:	8776	**COID:**	PLA
Facility SIC Code:	9211	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	8776	**COID:**	PLA
Facility SIC Code:	9211	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	8776	**CERR Code:**	
Facility SIC Code:	9211	**TOGT:**	.06941480955075082644326301184238886645 94
CO:	31	**ROGT:**	.029515
Air Basin:	SV	**COT:**	.44568
District:	PLA	**NOXT:**	.54124
COID:	PLA	**SOXT:**	.003174
DISN:	PLACER COUNTY APCD	**PMT:**	.040572852459016393442622950819672131147 5
CHAPIS:		**PM10T:**	.040564

2011 Toxic Data

Facility ID:	8776	***COID:***	PLA
Facility SIC Code:	9211	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	8776	***CERR Code:***	
Facility SIC Code:	9211	***TOGT:***	.06941480955075082644326301184238886645 94
CO:	31	***ROGT:***	.029515
Air Basin:	SV	***COT:***	.44568
District:	PLA	***NOXT:***	.54124
COID:	PLA	***SOXT:***	.003174
DISN:	PLACER COUNTY APCD	***PMT:***	.040572852459016393442622950819672131147 5
CHAPIS:		***PM10T:***	.040564

2012 Toxic Data

Facility ID:	8776	***COID:***	PLA
Facility SIC Code:	9211	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	8776	***CERR Code:***	
Facility SIC Code:	9211	***TOGT:***	.06941480955075082644326301184238886645 94
CO:	31	***ROGT:***	.029515
Air Basin:	SV	***COT:***	.44568
District:	PLA	***NOXT:***	.54124
COID:	PLA	***SOXT:***	.003174
DISN:	PLACER COUNTY APCD	***PMT:***	.040572852459016393442622950819672131147 5
CHAPIS:		***PM10T:***	.040564

2013 Toxic Data

Facility ID:	8776	***COID:***	PLA
Facility SIC Code:	9211	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Non-Cancer Acute Haz Ind:						
34	2 of 9	NE	0.24 / 1,249.44	119.80 / 7	SOUTH PLACER JUSTICE CENTER, JCC/AOC 10820 JUSTICE CENTER DR ROSEVILLE CA 95678	EMISSIONS

2014 Criteria Data

Facility ID:	8776	**CERR Code:**	
Facility SIC Code:	9211	**TOGT:**	.04593263310394784498370155740673668960 52
CO:	31	**ROGT:**	.02042
Air Basin:	SV	**COT:**	.32132
District:	PLA	**NOXT:**	.46724
COID:	PLA	**SOXT:**	.003174
DISN:	PLACER COUNTY APCD	**PMT:**	.02036885245901639344262295081967213114 75
CHAPIS:		**PM10T:**	.02036

2014 Toxic Data

Facility ID:	8776	**COID:**	PLA
Facility SIC Code:	9211	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	8776	**CERR Code:**	
Facility SIC Code:	9211	**TOGT:**	.04593263310394784498370155740673668960 52
CO:	31	**ROGT:**	.02042
Air Basin:	SV	**COT:**	.32132
District:	PLA	**NOXT:**	.46724
COID:	PLA	**SOXT:**	.003174
DISN:	PLACER COUNTY APCD	**PMT:**	.02036885245901639344262295081967213114 75
CHAPIS:		**PM10T:**	.02036

2015 Toxic Data

Facility ID:	8776	**COID:**	PLA
Facility SIC Code:	9211	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID: 8776
Facility SIC Code: 9211
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR CODE:
TOGT: .04593263310394784498370155740673668960 52
ROGT: .02042
COT: .32132
NOXT: .46724
SOXT: .003174
PMT: .02036885245901639344262295081967213114 75
PM10T: .02036

2016 Toxic Data

Facility ID: 8776
Facility SIC Code: 9211
CERR CODE:
COID: PLA
CO: 31
DISN: PLACER COUNTY APCD
CHAPIS:
TS:
HRA:
CH Index:
AH Index:
Air Basin: SV
District: PLA

2017 Criteria Data

Facility ID: 8776
Facility SIC Code: 9211
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: .00047808764940239043824701195219123505 9761
ROGT: .00042
COT: .08132
NOXT: .11224
SOXT: 0
PMT: .00036217303822937625754527162977867203 2193
PM10T: .00036

2017 Toxic Data

Facility ID: 8776
Facility SIC Code: 9211
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2018 Criteria Data

Facility ID: 8776
Facility SIC Code: 9211
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: .00047808764940239043824701195219123505 9761
ROGT: .00042
COT: .08132
NOXT: .11224
SOXT: 0
PMT: .00036217303822937625754527162977867203 2193
PM10T: .00036

2018 Toxic Data

Facility ID:	8776	***COID:***	PLA
Facility SIC Code:	9211	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2019 Criteria Data

CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
Facility ID:	8776	***ROGT:***	.00042
District:	PLA	***COT:***	.08132
Facility SIC Code:	9211	***NOXT:***	.11224
CO ID:	PLA	***SOXT:***	0
DISN:	PLACER COUNTY APCD		
PM10T:	.00036		
TOGT:	.000478087649402390438247011952191235059761		
PMT:	.000362173038229376257545271629778672032193		

2019 Toxic Data

CO:	31	***DISN:***	PLACER COUNTY APCD
Air Basin:	SV	***CHAPIS:***	
Faccility ID:	8776	***CERR Code:***	
District:	PLA	***TS:***	
Facility SIC Code:	9211	***Health Risk Asmt:***	
COID:	PLA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2020 Criteria Data

CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
Facility ID:	8776	***ROGT:***	.00042
District:	PLA	***COT:***	.08132
Facility SIC Code:	9211	***NOXT:***	.11224
CO ID:	PLA	***SOXT:***	0
DISN:	PLACER COUNTY APCD		
TOGT:	.000478087649402390438247011952191235059761		
PMT:	.000362173038229376257545271629778672032193		
PM10T:	.00036		

2020 Toxic Data

CO:	31	***DISN:***	PLACER COUNTY APCD
Air Basin:	SV	***CHAPIS:***	
Facility ID:	8776	***CHERR Code:***	
District:	PLA	***TS:***	
Facility SIC Code:	9211	***Health Risk Asmt:***	
COID:	PLA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	3 of 9	NE	0.24 / 1,249.44	119.80 / 7	Bill Santucci Justice Center 10820 JUSTICE CENTER DR CA	CUPA ROSEVILLE

CERS ID: 10173297
Record ID: FD16-0905
Record Status: History
Fiscal Year: 2017
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 7/31/2018 2:27:48 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 6/19/2018

Details

Insp Status: Failed
Insp Date: 6/5/2018 10:01:17 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 6/5/2018 10:00:00 AM

Details

Insp Status: Failed
Insp Date: 10/23/2017 10:15:24 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 8/18/2017

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	4 of 9	NE	0.24 / 1,249.44	119.80 / 7	Bill Santucci Justice Center 10820 JUSTICE CENTER DR CA	CUPA ROSEVILLE

CERS ID:
Record ID: FD13-0513
Record Status: History
Fiscal Year: 2014
CUPA: Yes
CUPA Discount: No
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 5/26/2015 8:52:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 8/20/2014

Details

Insp Status: Cancelled
Insp Date: 2/28/2014 10:17:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: FPB Inspection
Inspector: Walling
Sched Date: 2/4/2014

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
34	5 of 9	NE	0.24 / 1,249.44	119.80 / 7	Bill Santucci Justice Center 10820 JUSTICE CENTER DR CA	CUPA ROSEVILLE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

CERS ID:
Record ID: FD15-0853
Record Status: History
Fiscal Year: 2015
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 8/7/2015 10:23:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 8/7/2015

---

34 | ***6 of 9*** | ***NE*** | ***0.24 / 1,249.44*** | ***119.80 / 7*** | ***Bill Santucci Justice Center 10820 JUSTICE CENTER DR CA*** | ***CUPA ROSEVILLE***

CERS ID:
Record ID: FD15-1338
Record Status: History
Fiscal Year: 2016
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Passed
Insp Date: 8/17/2016 11:19:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: CUPA
Inspection Type: CUPA Inspection
Inspector: Anderson
Sched Date: 8/10/2016

---

34 | ***7 of 9*** | ***NE*** | ***0.24 / 1,249.44*** | ***119.80 / 7*** | ***Bill Santucci Justice Center 10820 JUSTICE CENTER DR CA*** | ***CUPA ROSEVILLE***

CERS ID: 10173297
Record ID: FD17-1044
Record Status: History
Fiscal Year: 2018
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Failed
Insp Date: 9/11/2018 1:56:44 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 9/10/2018 1:00:00 PM

Details

Insp Status: Passed
Insp Date: 11/7/2018 3:10:40 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Walling
Sched Date: 9/25/2018

---

34 | ***8 of 9*** | ***NE*** | ***0.24 / 1,249.44*** | ***119.80 / 7*** | ***Bill Santucci Justice Center 10820 JUSTICE CENTER DR CA*** | ***CUPA ROSEVILLE***

CERS ID: 10173297
Record ID: FD18-1083
Record Status: History
CUPA: Yes
CUPA Discount: Yes
Balance: 0

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Fiscal Year: 2019 **Fire District:** 7

Details

Insp Status: Passed **Inspection Type:** CUPA Inspection
Insp Date: 12/5/2020 1:33:00 PM **Inspector:** Salter
Annual Insp Date: 3/17/2020 **Sched Date:** 12/5/2019
Pri Occ: Yes
Occupancy: AST

---

34 | **9 of 9** | **NE** | **0.24 / 1,249.44** | **119.80 / 7** | **Bill Santucci Justice Center**
10820 JUSTICE CENTER DR
CA | **CUPA ROSEVILLE**

CERS ID: 10173297 **CUPA:** Yes
Record ID: FP20-1083 **CUPA Discount:** No
Record Status: Open **Balance:** 387
Fiscal Year: 2020 **Fire District:** 7

Details

Insp Status: Scheduled **Inspection Type:** CUPA Inspection
Insp Date: **Inspector:** Salter
Annual Insp Date: 3/17/2021 **Sched Date:** 3/17/2021
Pri Occ: No
Occupancy: I-3 : Jails and Detention Facilities

Details

Insp Status: Scheduled **Inspection Type:** CUPA Inspection
Insp Date: **Inspector:** Salter
Annual Insp Date: 3/17/2021 **Sched Date:** 3/17/2021
Pri Occ: Yes
Occupancy: AST

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35 | **1 of 2** | **NW** | **0.24 / 1,262.93** | **115.68 / 3** | **SACRAMENTO PRESTIGE GUNITE**
4265 DULUTH AVE
ROCKLIN CA 95765 | **CUPA PLACER**

Facility ID: FA0016086
District: 18

Details

Program ID: PR0011755
Status Code: 02
Status Desc: Closed
Program Element Code: 2268
Program Element Desc: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

Program ID: PR0011754
Status Code: 02
Status Desc: Closed
Program Element Code: 2106
Program Element Desc: **DO NOT USE**HAZMAT- ABOVE GROUND WITH WASTE

---

35 | **2 of 2** | **NW** | **0.24 / 1,262.93** | **115.68 / 3** | **SACRAMENTO PRESTIGE GUNITE**
4265 DULUTH AVENUE
ROCKLIN CA 95765 | **EMISSIONS**

2008 Criteria Data

Facility ID:	8795	***CERR Code:***	
Facility SIC Code:	3273	***TOGT:***	
CO:	31	***ROGT:***	
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	.14
CHAPIS:		***PM10T:***	.07

2008 Toxic Data

Facility ID:	8795	***COID:***	PLA
Facility SIC Code:	3273	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	8795	***CERR Code:***	
Facility SIC Code:	3273	***TOGT:***	
CO:	31	***ROGT:***	
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	.122
CHAPIS:		***PM10T:***	.0606857

2009 Toxic Data

Facility ID:	8795	***COID:***	PLA
Facility SIC Code:	3273	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	8795	***CERR Code:***	
Facility SIC Code:	3273	***TOGT:***	
CO:	31	***ROGT:***	
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	.096
CHAPIS:		***PM10T:***	.048

2013 Toxic Data

Facility ID:	8795	***COID:***	PLA
Facility SIC Code:	3273	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:

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36 | **1 of 1** | **S** | **0.24 / 1,291.65** | **120.52 / 8** | **BoardTronics**
1364 Blue Oaks Blvd
Roseville CA 95678 | **ALT FUELS**

Fuel Type Code: ELEC: Electric
Station Phone: 800-782-9938
Expected Date:
BD Blends:
NG Fill Type Code:
NG PSI:
Federal Agency ID:
Open Date: 2013-02-01
NG Vehicle Class:
LPG Primary:
E85 Blender Pump:
NG Fill Type Desc:
Hydrogen is Retail:
Federal Agency:
Facility Type: OFFICE_BLDG
Dt Last Confirmed: 2022-09-14
Restricted Access: false
Fed Agency Name:
Hydrogen Status Link:
Status: Open: The station is open.
Owner Type Desc: Privately owned
E85 Blender Pump Desc:
NG Vehicle Class Desc:
Geocode Status Desc: Premise (building name, property name, shopping center, etc.) level accuracy.
LPG Primary Desc:
E85 Other Ethanol Blends:
EV Pricing: Free
EV Pricing French:
EV on Site Renewable Source:
Intersection Directions: Located in the back of the building

ID: 51204
Updated at: 2022-09-14 15:49:44 UTC
CNG Dispenser No:
CNG Site Renew Src:
CNG Tot Compr Cap:
CNG Storage Cap:
CNG Fill Type Code:
CNG PSI:
CNG Vehicle Class:
LNG Site Renew Src:
LNG Vehicle Class:
LPG Nozzle Types:
Hydrogen Pressures:
Hydrogen Standards:
Latitude: 38.797142
Longitude: -121.31234

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37 | **1 of 13** | **ESE** | **0.24 / 1,293.00** | **113.52 / 1** | **HB FULLER ROSEVILLE PLANT**
10500 INDUSTRIAL AVE
ROSEVILLE CA 95678-5902 | **RCRA NON GEN**

EPA Handler ID: CAD983592700
Gen Status Universe: No Report
Contact Name: ESTEBAN ARREGUIN
Contact Address: 10500 INDUSTRIAL AVE , , ROSEVILLE , CA, 95678-3354 , US
Contact Phone No and Ext: 916-781-6600
Contact Email:
Contact Country: US
County Name: PLACER
EPA Region: 09
Land Type: Private
Receive Date: 19980706
Location Latitude:
Location Longitude:

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19960901
Handler Name:	HB FULLER ROSEVILLE PLANT
Source Type:	Implementer
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19980706
Handler Name:	HB FULLER ROSEVILLE PLANT
Source Type:	Notification
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	19940228
Handler Name:	HB FULLER COMPANY
Source Type:	Annual/Biennial Report
Federal Waste Generator Code:	1
Generator Code Description:	Large Quantity Generator

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Private	***Street 1:***	2400 ENERGY PARK DR
Name:	HB FULLER CORP	***Street 2:***	
Date Became Current:		***City:***	ST PAUL
Date Ended Current:		***State:***	MN
Phone:	612-645-3401	***Country:***	
Source Type:	Notification	***Zip Code:***	55108

Historical Handler Details

Receive Dt:	19960901
Generator Code Description:	Large Quantity Generator
Handler Name:	HB FULLER ROSEVILLE PLANT

Receive Dt:	19940228
Generator Code Description:	Large Quantity Generator

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
Handler Name:		HB FULLER COMPANY				
37	2 of 13	ESE	0.24 / 1,293.00	113.52 / 1	H.B. FULLER COMPANY 10500 INDUSTRIAL AVENUE ROSEVILLE CA 95678	EMISSIONS

1990 Criteria Data

Facility ID:	58	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	2.4
CO:	31	**ROGT:**	.50886
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	.8
CHAPIS:		**PM10T:**	.4

1990 Toxic Data

Facility ID:	58	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1993 Criteria Data

Facility ID:	58	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	3
CO:	31	**ROGT:**	.28481
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	2.8
CHAPIS:		**PM10T:**	2

1993 Toxic Data

Facility ID:	58	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1995 Criteria Data

Facility ID:	58	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	3
CO:	31	**ROGT:**	.28481
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	2.8

CHAPIS:		***PM10T:***	2

1995 Toxic Data

Facility ID:	58	***COID:***	PLA
Facility SIC Code:	2891	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1996 Criteria Data

Facility ID:	58	***CERR Code:***	
Facility SIC Code:	2891	***TOGT:***	3
CO:	31	***ROGT:***	.28481
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	2.8
CHAPIS:		***PM10T:***	2

1996 Toxic Data

Facility ID:	58	***COID:***	PLA
Facility SIC Code:	2891	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1997 Criteria Data

Facility ID:	58	***CERR Code:***	
Facility SIC Code:	2891	***TOGT:***	3
CO:	31	***ROGT:***	.28481
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	2.8
CHAPIS:		***PM10T:***	2

1997 Toxic Data

Facility ID:	58	***COID:***	PLA
Facility SIC Code:	2891	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1998 Criteria Data

Facility ID:	58	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	3
CO:	31	**ROGT:**	.28481
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	2.8
CHAPIS:		**PM10T:**	2

1998 Toxic Data

Facility ID:	58	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

1999 Toxic Data

Facility ID:	58	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2000 Criteria Data

Facility ID:	58	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	
CO:	31	**ROGT:**	
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2000 Toxic Data

Facility ID:	58	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2001 Criteria Data

Facility ID:	58	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	
CO:	31	**ROGT:**	
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	

COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
SOXT:
PMT:
PM10T:

2001 Toxic Data

Facility ID: 58
Facility SIC Code: 2891
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2002 Criteria Data

Facility ID: 58
Facility SIC Code: 2891
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT:
ROGT:
COT:
NOXT:
SOXT:
PMT:
PM10T:

2002 Toxic Data

Facility ID: 58
Facility SIC Code: 2891
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2003 Criteria Data

Facility ID: 58
Facility SIC Code: 2891
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT:
ROGT:
COT:
NOXT:
SOXT:
PMT:
PM10T:

2003 Toxic Data

Facility ID: 58
Facility SIC Code: 2891
CO: 31
Air Basin: SV
District: PLA
TS:
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

2004 Criteria Data

Facility ID:	58	***CERR Code:***	
Facility SIC Code:	2891	***TOGT:***	
CO:	31	***ROGT:***	
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2004 Toxic Data

Facility ID:	58	***COID:***	PLA
Facility SIC Code:	2891	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

37	***3 of 13***	***ESE***	***0.24 / 1,293.00***	***113.52 / 1***	***H.B.FULLER COMPANY 10500 INDUSTRIAL AVENUE ROSEVILLE CA 55164***	***EMISSIONS***

2005 Criteria Data

Facility ID:	189	***CERR Code:***	
Facility SIC Code:	2891	***TOGT:***	
CO:	31	***ROGT:***	
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2005 Toxic Data

Facility ID:	189	***COID:***	PLA
Facility SIC Code:	2891	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:	10.31		
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2006 Criteria Data

Facility ID:	189	***CERR Code:***	
Facility SIC Code:	2891	***TOGT:***	
CO:	31	***ROGT:***	
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2006 Toxic Data

Facility ID:	189	***COID:***	PLA
Facility SIC Code:	2891	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:	10.31		
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2007 Criteria Data

Facility ID:	189	***CERR Code:***	
Facility SIC Code:	2891	***TOGT:***	
CO:	31	***ROGT:***	
Air Basin:	SV	***COT:***	
District:	PLA	***NOXT:***	
COID:	PLA	***SOXT:***	
DISN:	PLACER COUNTY APCD	***PMT:***	
CHAPIS:		***PM10T:***	

2007 Toxic Data

Facility ID:	189	***COID:***	PLA
Facility SIC Code:	2891	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:	10.31		
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2008 Criteria Data

Facility ID:	189	***CERR Code:***	
Facility SIC Code:	2891	***TOGT:***	1.2545128153037481879913308378955922266 1
CO:	31	***ROGT:***	.862
Air Basin:	SV	***COT:***	.336
District:	PLA	***NOXT:***	.4
COID:	PLA	***SOXT:***	.0024
DISN:	PLACER COUNTY APCD	***PMT:***	. 4966857142857142857142857142857142857143
CHAPIS:		***PM10T:***	.3568

2008 Toxic Data

Facility ID:	189	***COID:***	PLA
Facility SIC Code:	2891	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	189	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	.837
CO:	31	**ROGT:**	.5729721
Air Basin:	SV	**COT:**	.2667
District:	PLA	**NOXT:**	.3175
COID:	PLA	**SOXT:**	.001905
DISN:	PLACER COUNTY APCD	**PMT:**	.4415042
CHAPIS:		**PM10T:**	.316

2009 Toxic Data

Facility ID:	189	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2010 Toxic Data

Facility ID:	189	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:	4.09		
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2011 Criteria Data

Facility ID:	189	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	.8649255950487969238877023180827378516931
CO:	31	**ROGT:**	.5911437
Air Basin:	SV	**COT:**	.33
District:	PLA	**NOXT:**	.39
COID:	PLA	**SOXT:**	.002
DISN:	PLACER COUNTY APCD	**PMT:**	.5057749142857142857142857142857142857143
CHAPIS:		**PM10T:**	.36304244

2011 Toxic Data

Facility ID:	189	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:	4.09		
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2012 Criteria Data

Facility ID:	189	**CERR Code:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Facility SIC Code:	2891	**TOGT:**	.8649255950487969238877023180827378516931
CO:	31	**ROGT:**	.5911437
Air Basin:	SV	**COT:**	.33
District:	PLA	**NOXT:**	.39
COID:	PLA	**SOXT:**	.002
DISN:	PLACER COUNTY APCD	**PMT:**	.5057749142857142857142857142857142857143
CHAPIS:		**PM10T:**	.36304244

2012 Toxic Data

Facility ID:	189	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:	4.09		
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

37	*4 of 13*	*ESE*	*0.24 / 1,293.00*	*113.52 / 1*	***H.B.FULLER COMPANY*** ***10500 INDUSTRIAL AVENUE*** ***ROSEVILLE CA 95678***	***EMISSIONS***

2008 Criteria Data

Facility ID:	58	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	
CO:	31	**ROGT:**	
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2008 Toxic Data

Facility ID:	58	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2009 Criteria Data

Facility ID:	58	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	
CO:	31	**ROGT:**	
Air Basin:	SV	**COT:**	
District:	PLA	**NOXT:**	
COID:	PLA	**SOXT:**	
DISN:	PLACER COUNTY APCD	**PMT:**	
CHAPIS:		**PM10T:**	

2009 Toxic Data

Facility ID:	58	***COID:***	PLA
Facility SIC Code:	2891	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2013 Criteria Data

Facility ID:	189	***CERR Code:***	
Facility SIC Code:	2891	***TOGT:***	.8676401606096897529944922064527727568585
CO:	31	***ROGT:***	.5911437
Air Basin:	SV	***COT:***	.33
District:	PLA	***NOXT:***	.39
COID:	PLA	***SOXT:***	.002
DISN:	PLACER COUNTY APCD	***PMT:***	.5046109481789802289281997918834547346514
CHAPIS:		***PM10T:***	.270632948

2013 Toxic Data

Facility ID:	189	***COID:***	PLA
Facility SIC Code:	2891	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2014 Criteria Data

Facility ID:	189	***CERR Code:***	
Facility SIC Code:	2891	***TOGT:***	1.244226990696421825243201624657655573 37
CO:	31	***ROGT:***	.854
Air Basin:	SV	***COT:***	.39
District:	PLA	***NOXT:***	.47
COID:	PLA	***SOXT:***	.002
DISN:	PLACER COUNTY APCD	***PMT:***	.122
CHAPIS:		***PM10T:***	.08078

2014 Toxic Data

Facility ID:	189	***COID:***	PLA
Facility SIC Code:	2891	***DISN:***	PLACER COUNTY APCD
CO:	31	***CHAPIS:***	
Air Basin:	SV	***CERR Code:***	
District:	PLA		
TS:			
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2015 Criteria Data

Facility ID:	189	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	1.24422699069642182524320162465765557336
CO:	31	**ROGT:**	.854
Air Basin:	SV	**COT:**	.39
District:	PLA	**NOXT:**	.47
COID:	PLA	**SOXT:**	.002
DISN:	PLACER COUNTY APCD	**PMT:**	.122
CHAPIS:		**PM10T:**	.08078

2015 Toxic Data

Facility ID:	189	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	
Air Basin:	SV	**CERR Code:**	
District:	PLA		
TS:	2		
Health Risk Asmt:			
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

2016 Criteria Data

Facility ID:	189	**CERR CODE:**	
Facility SIC Code:	2891	**TOGT:**	1.391573035377654395665321862724080744 19
CO:	31	**ROGT:**	.953
Air Basin:	SV	**COT:**	.43
District:	PLA	**NOXT:**	.52
COID:	PLA	**SOXT:**	.003
DISN:	PLACER COUNTY APCD	**PMT:**	.712
CHAPIS:		**PM10T:**	.37873

2016 Toxic Data

Facility ID:	189	**TS:**	
Facility SIC Code:	2891	**HRA:**	
CERR CODE:		**CH Index:**	
COID:	PLA	**AH Index:**	
CO:	31	**Air Basin:**	SV
DISN:	PLACER COUNTY APCD	**District:**	PLA
CHAPIS:			

2017 Criteria Data

Facility ID:	189	**CERR Code:**	
Facility SIC Code:	2891	**TOGT:**	1.57401698534492837410656867538762960522
CO:	31	**ROGT:**	1.088
Air Basin:	SV	**COT:**	.47
District:	PLA	**NOXT:**	.52
COID:	PLA	**SOXT:**	.003
DISN:	PLACER COUNTY APCD	**PMT:**	.733
CHAPIS:		**PM10T:**	.38902

2017 Toxic Data

Facility ID:	189	**COID:**	PLA
Facility SIC Code:	2891	**DISN:**	PLACER COUNTY APCD
CO:	31	**CHAPIS:**	

Air Basin: SV
District: PLA
TS: 2.01
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
CERR Code:

2018 Criteria Data

Facility ID: 189
Facility SIC Code: 2891
CO: 31
Air Basin: SV
District: PLA
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TOGT: 1.57401698534492837410656867538762960522
ROGT: 1.088
COT: .47
NOXT: .52
SOXT: .003
PMT: .733
PM10T: .38902

2018 Toxic Data

Facility ID: 189
Facility SIC Code: 2891
CO: 31
Air Basin: SV
District: PLA
TS: 2.01
Health Risk Asmt:
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
COID: PLA
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:

2019 Criteria Data

CO: 31
Air Basin: SV
Facility ID: 189
District: PLA
Facility SIC Code: 2891
CO ID: PLA
DISN: PLACER COUNTY APCD
PM10T: .38902
TOGT: 1.6742173861465315805193943266902348156 4
PMT: .733
CHAPIS:
CERR Code:
ROGT: 1.158
COT: .43
NOXT: .51
SOXT: .003

2019 Toxic Data

CO: 31
Air Basin: SV
Faccility ID: 189
District: PLA
Facility SIC Code: 2891
COID: PLA
Non-Cancer Chronic Haz Ind:
Non-Cancer Acute Haz Ind:
DISN: PLACER COUNTY APCD
CHAPIS:
CERR Code:
TS: 2.01
Health Risk Asmt:

2020 Criteria Data

CO: 31
Air Basin: SV
Facility ID: 189
District: PLA
Facility SIC Code: 2891
CO ID: PLA
CHAPIS:
CERR Code:
ROGT: 1.17501185
COT: .376278
NOXT: .44795
SOXT: .0026877

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

DISN: PLACER COUNTY APCD
TOGT: 1.693455576218930650216208773059596639 64
PMT: .926429060895941727367325702393340270 5515
PM10T: .48627536309

2020 Toxic Data

CO:	31	**DISN:**	PLACER COUNTY APCD
Air Basin:	SV	**CHAPIS:**	
Facility ID:	189	**CHERR Code:**	
District:	PLA	**TS:**	1.4
Facility SIC Code:	2891	**Health Risk Asmt:**	
COID:	PLA		
Non-Cancer Chronic Haz Ind:			
Non-Cancer Acute Haz Ind:			

37	5 of 13	ESE	0.24 / 1,293.00	113.52 / 1	H B Fuller Facility 10500 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID:	10195696	**CUPA:**	Yes
Record ID:	FD16-1011	**CUPA Discount:**	Yes
Record Status:	History	**Balance:**	0
Fiscal Year:	2017	**Fire District:**	7

Details

Insp Status:	Passed with CUPA Discount	**Inspection Type:**	CUPA Inspection
Insp Date:	12/5/2017 1:10:15 PM	**Inspector:**	Walling
Annual Insp Date:		**Sched Date:**	10/25/2017
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	10/11/2017 10:36:59 AM	**Inspector:**	Walling
Annual Insp Date:		**Sched Date:**	9/28/2017
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	10/11/2017 10:36:59 AM	**Inspector:**	Walling
Annual Insp Date:		**Sched Date:**	9/28/2017
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	10/11/2017 10:36:59 AM	**Inspector:**	Walling
Annual Insp Date:		**Sched Date:**	9/28/2017
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Passed with CUPA Discount	**Inspection Type:**	CUPA Inspection
Insp Date:	12/5/2017 1:10:15 PM	**Inspector:**	Walling

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Annual Insp Date: ***Sched Date:*** 10/25/2017
Pri Occ: Yes
Occupancy: Hazardous Waste

Details

Insp Status: Passed with CUPA Discount ***Inspection Type:*** CUPA Inspection
Insp Date: 12/5/2017 1:10:15 PM ***Inspector:*** Walling
Annual Insp Date: ***Sched Date:*** 10/25/2017
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling

---

37 ***6 of 13*** ***ESE*** ***0.24 / 1,293.00*** ***113.52 / 1*** ***H B Fuller Facility 10500 INDUSTRIAL AV CA*** ***CUPA ROSEVILLE***

CERS ID: ***CUPA:*** Yes
Record ID: FD15-1516 ***CUPA Discount:*** Yes
Record Status: History ***Balance:*** 0
Fiscal Year: 2016 ***Fire District:*** 7

Details

Insp Status: Passed ***Inspection Type:*** CUPA Inspection
Insp Date: 11/9/2016 12:16:00 PM ***Inspector:*** Anderson
Annual Insp Date: ***Sched Date:*** 10/12/2016
Pri Occ: Yes
Occupancy: CUPA

Details

Insp Status: Failed ***Inspection Type:*** CUPA Inspection
Insp Date: 9/28/2016 11:42:00 AM ***Inspector:*** Anderson
Annual Insp Date: ***Sched Date:*** 9/30/2016
Pri Occ: Yes
Occupancy: CUPA

---

37 ***7 of 13*** ***ESE*** ***0.24 / 1,293.00*** ***113.52 / 1*** ***H B Fuller Facility 10500 INDUSTRIAL AV CA*** ***CUPA ROSEVILLE***

CERS ID: ***CUPA:*** Yes
Record ID: FD13-0488 ***CUPA Discount:*** Yes
Record Status: History ***Balance:*** 0
Fiscal Year: 2014 ***Fire District:*** 7

Details

Insp Status: ***Inspection Type:***
Insp Date: ***Inspector:***
Annual Insp Date: ***Sched Date:***
Pri Occ: Yes
Occupancy: CUPA

---

37 ***8 of 13*** ***ESE*** ***0.24 / 1,293.00*** ***113.52 / 1*** ***H B Fuller Facility 10500 INDUSTRIAL AV CA*** ***CUPA ROSEVILLE***

CERS ID: ***CUPA:*** Yes
Record ID: FD15-1116 ***CUPA Discount:*** Yes
Record Status: History ***Balance:*** 0
Fiscal Year: 2015 ***Fire District:*** 7

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	11/4/2015 7:30:00 AM	***Inspector:***	Anderson
Annual Insp Date:		***Sched Date:***	10/15/2015
Pri Occ:	Yes		
Occupancy:	CUPA		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	10/1/2015 2:54:00 PM	***Inspector:***	Anderson
Annual Insp Date:		***Sched Date:***	10/1/2015
Pri Occ:	Yes		
Occupancy:	CUPA		

37	*9 of 13*	*ESE*	*0.24 / 1,293.00*	*113.52 / 1*	***H B Fuller Facility*** ***10500 INDUSTRIAL AV*** ***CA***	***CUPA ROSEVILLE***

CERS ID:	10195696	***CUPA:***	Yes
Record ID:	FD17-1003	***CUPA Discount:***	Yes
Record Status:	History	***Balance:***	0
Fiscal Year:	2018	***Fire District:***	7

Details

Insp Status:	Passed	***Inspection Type:***	CUPA Inspection
Insp Date:	12/20/2019 8:23:00 AM	***Inspector:***	Salter
Annual Insp Date:		***Sched Date:***	3/20/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	3/6/2019 7:14:03 AM	***Inspector:***	Salter
Annual Insp Date:		***Sched Date:***	1/23/2019
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	11/20/2018 4:41:33 PM	***Inspector:***	Salter
Annual Insp Date:		***Sched Date:***	10/31/2018 9:00:00 AM
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Failed	***Inspection Type:***	CUPA Inspection
Insp Date:	1/9/2019 5:21:34 PM	***Inspector:***	Salter
Annual Insp Date:		***Sched Date:***	1/9/2019 1:00:00 PM
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status: Failed
Insp Date: 3/6/2019 7:14:03 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/23/2019

Details

Insp Status: Passed
Insp Date: 12/20/2019 8:23:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 3/20/2019

Details

Insp Status: Failed
Insp Date: 11/20/2018 4:41:33 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/31/2018 9:00:00 AM

Details

Insp Status: Passed
Insp Date: 12/20/2019 8:23:00 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 3/20/2019

Details

Insp Status: Failed
Insp Date: 1/9/2019 5:21:34 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/9/2019 1:00:00 PM

Details

Insp Status: Failed
Insp Date: 3/6/2019 7:14:03 AM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/23/2019

Details

Insp Status: Failed
Insp Date: 11/20/2018 4:41:33 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 10/31/2018 9:00:00 AM

Details

Insp Status: Failed
Insp Date: 1/9/2019 5:21:34 PM
Annual Insp Date:
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 1/9/2019 1:00:00 PM

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
37	10 of 13	ESE	0.24 / 1,293.00	113.52 / 1	HB FULLER 10500 INDUSTRIAL AVE ROSEVILLE CA 95678-5902	RCRA NON GEN

EPA Handler ID: CAL000188268
Gen Status Universe: No Report
Contact Name: KEVIN POOPALASINGAM
Contact Address: 10500 INDUSTRIAL AVENUE , , ROSEVILLE , CA, 95678 ,
Contact Phone No and Ext: 916-787-6013
Contact Email: KEVIN.POOPALASINGAM@HBFULLER.COM
Contact Country:
County Name: PLACER
EPA Region: 09
Land Type:
Receive Date: 19980429
Location Latitude: 38.800694
Location Longitude: -121.30628

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Furnace Exemption: No
Underground Injection Activity: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 19980429
Handler Name: HB FULLER
Source Type: Implementer
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind: Current Owner
Type: Other
Name: HB FULLER COMPANY
Date Became Current:
Date Ended Current:
Phone: 651-236-3000
Source Type: Implementer
Street No:
Street 1: PO BOX 64683
Street 2:
City: ST PAUL
State: MN
Country:
Zip Code: 55164-0683

Owner/Operator Ind: Current Operator
Type: Other
Street No:
Street 1: 10500 INDUSTRIAL AVENUE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Name:	KEVIN POOPALASINGAM	**Street 2:**	
Date Became Current:		**City:**	ROSEVILLE
Date Ended Current:		**State:**	CA
Phone:	916-787-6013	**Country:**	
Source Type:	Implementer	**Zip Code:**	95678

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37 **11 of 13** **ESE** **0.24 / 1,293.00** **113.52 / 1** **H B Fuller Facility**
10500 INDUSTRIAL AV
CA
CUPA ROSEVILLE

CERS ID:	10195696	**CUPA:**	Yes
Record ID:	FD18-1263	**CUPA Discount:**	Yes
Record Status:	History	**Balance:**	0
Fiscal Year:	2019	**Fire District:**	7

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	11/21/2019 2:11:02 PM	**Inspector:**	Salter
Annual Insp Date:	11/21/2019	**Sched Date:**	11/20/2019
Pri Occ:	Yes		
Occupancy:	AST		

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	11/21/2019 2:11:02 PM	**Inspector:**	Salter
Annual Insp Date:	11/21/2019	**Sched Date:**	11/20/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Waste		

Details

Insp Status:	Failed	**Inspection Type:**	CUPA Inspection
Insp Date:	11/21/2019 2:11:02 PM	**Inspector:**	Salter
Annual Insp Date:	11/21/2019	**Sched Date:**	11/20/2019
Pri Occ:	Yes		
Occupancy:	Hazardous Material Storage, Use or Handling		

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37 **12 of 13** **ESE** **0.24 / 1,293.00** **113.52 / 1** **H B Fuller Facility**
10500 INDUSTRIAL AV
CA
CUPA ROSEVILLE

CERS ID:	10195696	**CUPA:**	Yes
Record ID:	FP20-1263	**CUPA Discount:**	Yes
Record Status:	Open	**Balance:**	0
Fiscal Year:	2020	**Fire District:**	7

Details

Insp Status:	Scheduled	**Inspection Type:**	CUPA Inspection
Insp Date:		**Inspector:**	Salter
Annual Insp Date:	11/21/2020	**Sched Date:**	12/3/2020
Pri Occ:	No		
Occupancy:	Hazardous Material Storage, Use or Handling		

Details

Insp Status:	Scheduled	**Inspection Type:**	Fire & Life Safety Inspection
Insp Date:		**Inspector:**	Salter
Annual Insp Date:	11/21/2020	**Sched Date:**	7/24/2020

Pri Occ: Yes
Occupancy: AST

Details

Insp Status: Failed
Insp Date: 11/19/2020 11:22:13 AM
Annual Insp Date: 11/21/2020
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 11/19/2020

Details

Insp Status: Failed
Insp Date: 11/19/2020 11:22:13 AM
Annual Insp Date: 11/21/2020
Pri Occ: No
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 11/19/2020

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 11/21/2020
Pri Occ: No
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 12/3/2020

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 11/21/2020
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 12/3/2020

Details

Insp Status: Failed
Insp Date: 11/19/2020 11:22:13 AM
Annual Insp Date: 11/21/2020
Pri Occ: No
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 11/19/2020

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 11/21/2020
Pri Occ: No
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: Fire & Life Safety Inspection
Inspector: Salter
Sched Date: 7/24/2020

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 11/21/2020
Pri Occ: No
Occupancy: Hazardous Waste
Inspection Type: Fire & Life Safety Inspection
Inspector: Salter
Sched Date: 7/24/2020

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
37	13 of 13	ESE	0.24 / 1,293.00	113.52 / 1	H B Fuller Facility 10500 INDUSTRIAL AV CA	CUPA ROSEVILLE

CERS ID: 10195696
Record ID: FP21-1263
Record Status: Pending
Fiscal Year: 2021
CUPA: Yes
CUPA Discount: Yes
Balance: 0
Fire District: 7

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 11/21/2021
Pri Occ: No
Occupancy: Hazardous Material Storage, Use or Handling
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 11/21/2021

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 11/21/2021
Pri Occ: Yes
Occupancy: AST
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 11/21/2021

Details

Insp Status: Scheduled
Insp Date:
Annual Insp Date: 11/21/2021
Pri Occ: No
Occupancy: Hazardous Waste
Inspection Type: CUPA Inspection
Inspector: Salter
Sched Date: 11/21/2021

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
38	1 of 5	NW	0.25 / 1,307.15	115.18 / 3	CAPITOL AIR SYSTEMS INC. 4220 DULUTH AVE STE A ROCKLIN CA 95765	CUPA PLACER

Facility ID: FA0018631
District: 18

Details

Program ID: PR0015756
Status Code: 02
Status Desc: Closed
Program Element Code: 2270
Program Element Desc: SMALL QUANTITY GENERATOR

Program ID: PR0015755
Status Code: 02
Status Desc: Closed
Program Element Code: 2106
Program Element Desc: **DO NOT USE**HAZMAT- ABOVE GROUND WITH WASTE

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
38	2 of 5	NW	0.25 / 1,307.15	115.18 / 3	AMERICAN RV SERVICE CENTER 4220 DULUTH AVE STE B ROCKLIN CA 95765	CUPA PLACER

Facility ID: FA0018626
District: 18

Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Program ID: PR0018240
Status Code: 01
Status Desc: Active
Program Element Code: 2268
Program Element Desc: CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR

38	3 of 5	NW	0.25 / 1,307.15	115.18 / 3	AMERICAN RV SERVICE CENTER 4220 DULUTH AVE STE B ROCKLIN CA 95765-1400	RCRA TSD

EPA Handler ID: CAL000298771
Gen Status Universe: No Report
Contact Name: BRIAN DEAN
Contact Address: 4220 DULUTH AVE STE B , , ROCKLIN , CA, 95765 ,
Contact Phone No and Ext: 916-543-0220
Contact Email: ARVSC@SBCGLOBAL.NET
Contact Country:
Land Type:
County Name: PLACER
EPA Region: 09
Receive Date: 20050923
Location Latitude: 38.807356
Location Longitude: -121.318085

Violation/Evaluation Summary

Note: NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No
Transfer Facility: No
Onsite Burner Exemption: No
Smelting, Melting and Refining: No
Underground Injection Control: No
Commercial TSD: No
Used Oil Transporter: No
Used Oil Transfer Facility: No
Used Oil Processor: No
Used Oil Refiner: No
Used Oil Burner: No
Used Oil Market Burner: No
Used Oil Spec Marketer: No

Hazardous Waste Handler Details

Sequence No: 1
Receive Date: 20050923
Handler Name: AMERICAN RV SERVICE CENTER
Federal Waste Generator Code: N
Generator Code Description: Not a Generator, Verified
Source Type: Implementer

Owner/Operator Details

Owner/Operator Ind: Current Operator
Type: Other
Name: BRIAN DEAN
Date Became Current:
Street No:
Street 1: 4220 DULUTH AVE STE B
Street 2:
City: ROCKLIN

Date Ended Current:		**State:**	CA
Phone:	916-543-0220	**Country:**	
Source Type:	Implementer	**Zip Code:**	95765
Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	4220 DULUTH AVE STE B
Name:	BRIAN DEAN	**Street 2:**	
Date Became Current:		**City:**	ROCKLIN
Date Ended Current:		**State:**	CA
Phone:	916-543-0220	**Country:**	
Source Type:	Implementer	**Zip Code:**	95765-1400

38 | ***4 of 5*** | ***NW*** | ***0.25 / 1,307.15*** | ***115.18 / 3*** | ***AMERICAN RV SERVICE CENTER***
4220 DULUTH AVE STE B
ROCKLIN CA 95765-1400 | ***RCRA NON GEN***

EPA Handler ID:	CAL000298771
Gen Status Universe:	No Report
Contact Name:	BRIAN DEAN
Contact Address:	4220 DULUTH AVE STE B , , ROCKLIN , CA, 95765 ,
Contact Phone No and Ext:	916-543-0220
Contact Email:	ARVSC@SBCGLOBAL.NET
Contact Country:	
County Name:	PLACER
EPA Region:	09
Land Type:	
Receive Date:	20050923
Location Latitude:	38.807356
Location Longitude:	-121.318085

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20050923
Handler Name:	AMERICAN RV SERVICE CENTER
Source Type:	Implementer
Federal Waste Generator Code:	N
Generator Code Description:	Not a Generator, Verified

Owner/Operator Details

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Owner/Operator Ind:	Current Owner	**Street No:**	
Type:	Other	**Street 1:**	4220 DULUTH AVE STE B
Name:	BRIAN DEAN	**Street 2:**	
Date Became Current:		**City:**	ROCKLIN
Date Ended Current:		**State:**	CA
Phone:	916-543-0220	**Country:**	
Source Type:	Implementer	**Zip Code:**	95765-1400

Owner/Operator Ind:	Current Operator	**Street No:**	
Type:	Other	**Street 1:**	4220 DULUTH AVE STE B
Name:	BRIAN DEAN	**Street 2:**	
Date Became Current:		**City:**	ROCKLIN
Date Ended Current:		**State:**	CA
Phone:	916-543-0220	**Country:**	
Source Type:	Implementer	**Zip Code:**	95765

38	5 of 5	NW	0.25 / 1,307.15	115.18 / 3	**FORTRESS NORTH AMERICA LLC** **4220 DULUTH AVE STE A** **ROCKLIN CA 95765**	**RCRA NON GEN**

EPA Handler ID:	CAL000471786
Gen Status Universe:	No Report
Contact Name:	ERIN FOX
Contact Address:	4220 DULUTH AVE STE A , , ROCKLIN , CA, 95765 ,
Contact Phone No and Ext:	714-714-8869
Contact Email:	MFOX@FORTRESSFRS.COM
Contact Country:	
County Name:	PLACER
EPA Region:	09
Land Type:	
Receive Date:	20220707
Location Latitude:	
Location Longitude:	

Violation/Evaluation Summary

Note:	NO RECORDS: As of Jan 2023, there are no Compliance Monitoring and Enforcement (violation) records associated with this facility (EPA ID).

Handler Summary

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility:	No
Onsite Burner Exemption:	No
Furnace Exemption:	No
Underground Injection Activity:	No
Commercial TSD:	No
Used Oil Transporter:	No
Used Oil Transfer Facility:	No
Used Oil Processor:	No
Used Oil Refiner:	No
Used Oil Burner:	No
Used Oil Market Burner:	No
Used Oil Spec Marketer:	No

Hazardous Waste Handler Details

Sequence No:	1
Receive Date:	20220707
Handler Name:	FORTRESS NORTH AMERICA LLC
Source Type:	Implementer
Federal Waste Generator Code:	N

Generator Code Description: Not a Generator, Verified

Owner/Operator Details

Owner/Operator Ind:	Current Owner	***Street No:***	
Type:	Other	***Street 1:***	4220 DULUTH AVE STE A
Name:	FORTRESS NORTH AMERICA LLC	***Street 2:***	
Date Became Current:		***City:***	ROCKLIN
Date Ended Current:		***State:***	CA
Phone:	406-802-2424	***Country:***	
Source Type:	Implementer	***Zip Code:***	95765

Owner/Operator Ind:	Current Operator	***Street No:***	
Type:	Other	***Street 1:***	4220 DULUTH AVE STE A
Name:	ERIN FOX	***Street 2:***	
Date Became Current:		***City:***	ROCKLIN
Date Ended Current:		***State:***	CA
Phone:	714-714-8869	***Country:***	
Source Type:	Implementer	***Zip Code:***	95765

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39 | ***1 of 5*** | ***NW*** | ***0.31 / 1,614.65*** | ***119.80 / 7*** | ***Mallard Creek, Inc.***
4095 Duluth Ave.
Rocklin CA 95765 | ***SWF/LF***

SWIS No:	31-AA-0637	***ARB District:***	Placer
Site ID:	5154	***SWRCB Region:***	Central Valley
EPA Fed Regist ID:		***Site Point of Cont:***	Alvin VoTran
Site Op Status:	Active	***Site ZIP:***	95765
Regulatory Status:	Notification	***County:***	Placer
Site is Archived:	Yes	***Latitude:***	38.80921
Absorbed on:		***Longitude:***	-121.31771
Absorbed by:			

Site Inert Debris Eng Fill:	No
Closed Illegal Aband:	No
Closed Illegal Aband Cat:	
Finance Assuran Responsible:	No
Incorporated City:	Rocklin
Local Government:	Rocklin
Reporting Agency Legal Name:	County of Placer
Reporting Agency Department:	Department of Health & Human Services, Environmental Health Services
Enforcing Agency Legal Name:	County of Placer
Enforcing Agency Department:	Department of Health & Human Services, Environmental Health Services

Site Owners

Site ID:	5154	***Started On:***	
Site Type:	Non-Disposal Only	***Owner City:***	Rocklin
Contact Name:		***Owner State:***	CA
Contact First Name:		***Owner ZIP Code:***	95765
Contact Last Name:		***Owner Phone:***	(775) 737-1949
Contact Title:			
Contact Email:			

Owner Name:	Gretchen M. Hass Revocable Family Trust
Owner Address:	Gretchen M. Hass 2351 Sunset Blvd., Suite 170 #312

Site Operators

Site ID:	5154	***Started on:***	
Site Type:	Non-Disposal Only	***Operator City:***	Rocklin
Is Archived:	Yes	***Operator State:***	CA
Contact Name:	scott Connelly	***Operator ZIP Code:***	95765
Contact First Name:	scott	***Operator Phone:***	(916) 645-1681
Contact Last Name:	Connelly		
Contact Title:			
Contact Email:	scott@mallardcreekinc.com		

Operator Name: Mallard Creek Inc.
Operator Address: 4095 Duluth Ave

Site Waste

Site ID: 5154
Site Type: Non-Disposal Only
Waste Type: Manure
Activity Oper Stat: Active
Activity: Green Material Composting Operation
Act Regulat Stat: Notification
Activity Category: Composting
Act Classification: Solid Waste Operation
Act Is Archived: Yes

Site ID: 5154
Site Type: Non-Disposal Only
Waste Type: Wood waste
Activity Oper Stat: Active
Activity: Green Material Composting Operation
Act Regulat Stat: Notification
Activity Category: Composting
Act Classification: Solid Waste Operation
Act Is Archived: Yes

Extra Details

Site ID: 5154
EPA Fed Reg ID:
Regulatory Status: Notification
Operational Status: Active
Is Archived: Yes
Fin Assuran Resp: No
Site Name: Mallard Creek, Inc.
Enforc Agncy Dept: Department of Health & Human Services, Environmental Health Services
Enforc Agncy Lgl Nm: County of Placer
Closed Illegal Aband: No
Inert Debris Eng Fill: No
Local Government: Rocklin
Enforc Agency:
Absorbed By:
Absorbed On:
Point of Contact: Alvin VoTran
County: Placer

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	2 of 5	NW	0.31 / 1,614.65	119.80 / 7	MALLARD CREEK COMPOSTING FAC 4095 DULUTH ROCKLIN CA 95765	LDS

Global ID: L10003045549
County: Placer
Latitude: 38.80884
Longitude: -121.316875

LDS Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

RB Case No: 5A312048001
Loc Case No:
Status: Open
Status Date: 1/1/1965
Begin Date:
Case Type: Land Disposal Site
Cal Enviroscreen:
Qty Released Gallons:
CUF Case: NO
EPA Region: 9
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5S)
Caseworker: JDM
Local Agency:
File Location:
Potential COC:
Military DoD Site: No
Leak Reported Dt:
No Further Action Dt:
Potential Media of Concern:
How Discovered:
How Discovered Description:
Stop Method:
Stop Description:

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Calwater Watershed Name: Valley-American - Coon-American - Pleasant Grove (519.22)
DWR GW Subbasin Name: Sacramento Valley - North American (5-021.64)
Disadvantaged Community:
Discharge Cause:
Coordinate Source: Google Geocode
Discharge Source:
Facility Project Sub Type: Unknown
Calenviroscreen 3 Score: 21-25%
Calenviroscreen 4 Score: 25-30%
Site History:

LDS Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type: Regional Board Caseworker
Contact Name: JOHN MOODY
Organization Name: CENTRAL VALLEY RWQCB (REGION 5S)
Address: 11020 SUN CENTER DRIVE #200
City: RANCHO CORDOVA
Email: john.moody@waterboards.ca.gov
Phone No:

LDS Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities (as of May 27, 2022)

Site Facility Name: MALLARD CREEK COMPOSTING FAC
Site Facility Type: LAND DISPOSAL SITE
Cleanup Status: OPEN
Project Status:
Potential COC: NONE SPECIFIED
WDR Place Type:
Wdr File No:
Wdr Order No:
Address: 4095 DULUTH
City: ROCKLIN
Zip: 95765
County: PLACER
Cuf Claim No:
CUF Priority Assig:
CUF Amount Paid:
Designated Beneficial Use: MUN, AGR, IND, PROC
Designated Beneficl Use Desc: Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Project Oversight Agencies:
Report Link: https://geotracker.waterboards.ca.gov/profile_report?global_id=L10003045549
Cleanup Status Detail: OPEN AS OF 1/1/1965
Cleanup History Link: https://geotracker.waterboards.ca.gov/profile_report_include?global_id=L10003045549&tabname=regulatoryhistory
Potential Media of Concern: NONE SPECIFIED
User Defined Beneficial Use:
DWR GW Sub Basin: Sacramento Valley - North American (5-021.64)
Calwater Watershed Name: Valley-American - Coon-American - Pleasant Grove (519.22)
Post Closure Site Management:
Future Land Use:
Facility Type: COMPOST FACILITY
Composting Method:
Gndwater Monitoring Frequen:
Cleanup Oversight Agencies: CENTRAL VALLEY RWQCB (REGION 5S) (LEAD) - CASE #: 5A312048001
CASEWORKER: JOHN MOODY
File Location:
Site History:

No site history available

39	3 of 5	NW	0.31 / 1,614.65	119.80 / 7	Mallard Creek, Inc 4095 Duluth Avenue Rocklin CA 95747	SWF/LF

SWIS No:	31-AA-0628	**ARB District:**	Placer
Site ID:	2291	**SWRCB Region:**	Central Valley
EPA Fed Regist ID:		**Site Point of Cont:**	Alvin VoTran
Site Op Status:	Inactive	**Site ZIP:**	95747
Regulatory Status:	Surrendered	**County:**	Placer
Site is Archived:	Yes	**Latitude:**	38.80909
Absorbed on:		**Longitude:**	-121.31551
Absorbed by:			

Site Inert Debris Eng Fill: No
Closed Illegal Aband: No
Closed Illegal Aband Cat:
Finance Assuran Responsible: No
Incorporated City: Rocklin
Local Government: Rocklin
Reporting Agency Legal Name: County of Placer
Reporting Agency Department: Department of Health & Human Services, Environmental Health Services
Enforcing Agency Legal Name: County of Placer
Enforcing Agency Department: Department of Health & Human Services, Environmental Health Services

Site Owners

Site ID:	2291	**Started On:**	
Site Type:	Non-Disposal Only	**Owner City:**	Rocklin
Contact Name:	Carl Hass	**Owner State:**	CA
Contact First Name:	Carl	**Owner ZIP Code:**	95765
Contact Last Name:	Hass	**Owner Phone:**	(916) 632-3813
Contact Title:			
Contact Email:			

Owner Name: Hass Revocable Family Trust
Owner Address: 2351 Sunset Blvd Ste 170

Site Operators

Site ID:	2291	**Started on:**	
Site Type:	Non-Disposal Only	**Operator City:**	Rocklin
Is Archived:	Yes	**Operator State:**	CA
Contact Name:	Carl Hass	**Operator ZIP Code:**	95765
Contact First Name:	Carl	**Operator Phone:**	(916) 645-1681
Contact Last Name:	Hass		
Contact Title:			
Contact Email:			

Operator Name: Mallard Creek, Inc
Operator Address: 4095 Duluth Ave

Site Waste

Site ID:	2291	**Act Regulat Stat:**	Surrendered
Site Type:	Non-Disposal Only	**Activity Category:**	Composting
Waste Type:	Manure	**Act Classification:**	Solid Waste Operation
Activity Oper Stat:	Inactive	**Act Is Archived:**	Yes
Activity:	Green Material Composting Operation		

Site ID:	2291	**Act Regulat Stat:**	Surrendered
Site Type:	Non-Disposal Only	**Activity Category:**	Composting
Waste Type:	Green Materials	**Act Classification:**	Solid Waste Operation
Activity Oper Stat:	Inactive	**Act Is Archived:**	Yes
Activity:	Green Material Composting Operation		

Extra Details

Site ID:	2291	**Enforc Agency:**	
EPA Fed Reg ID:		**Absorbed By:**	
Regulatory Status:	Surrendered	**Absorbed On:**	
Operational Status:	Inactive	**Point of Contact:**	Alvin VoTran

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Is Archived:	Yes	**County:**	Placer
Fin Assuran Resp:	No		
Site Name:	Mallard Creek, Inc		
Enforc Agncy Dept:	Department of Health & Human Services, Environmental Health Services		
Enforc Agncy Lgl Nm:	County of Placer		
Closed Illegal Aband:	No		
Inert Debris Eng Fill:	No		
Local Government:	Rocklin		

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	4 of 5	NW	0.31 / 1,614.65	119.80 / 7	MALLARD CREEK, INC. 4095 DULUTH AVE ROCKLIN CA 95765	C&D DEBRIS RECY

County:	PLACER
Activity Type:	COMPOSTING
Phone No:	(916) 645-1681

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
39	5 of 5	NW	0.31 / 1,614.65	119.80 / 7	MALLARD CREEK COMPOSTING FAC 4095 DULUTH AVE ROCKLIN CA 95765	WMUD

Wmu ID No:	5A312048001	**Npid:**	
Wds ID No:	5A312048001	**Rptf:**	
Swis ID No:		**Sic1:**	0711
Reg ID No:		**Sic2:**	
Edit Date:		**Swat Anms:**	
Last Edit:		**Swat Fnms:**	
Region:	5S	**Atyp:**	PR
County:	31	**Anms:**	MALLARD CREEK, INC.
Wds:	TRUE	**Adep:**	
Msw:		**A Street:**	4095 DULUTH AVE
Superorder:		**A City:**	ROCKLIN CA
Sc15:	TRUE	**A Zip:**	95765
Swat:	FALSE	**A County:**	MR. CARL HASS
Tpca:	FALSE	**Afon:**	9166451681
Rcra:	FALSE	**Lnms:**	
Dod:		**Ldep:**	
Rbpo:	RDB	**L Street:**	
Openpub:		**L City:**	
Waste List:		**L State:**	
Tot Wmus:		**L Zip:**	
Secrange:		**L County:**	
Basemer:		**Lfon:**	
Fcnt:	MR. CARL HASS	**Ttwq:**	
Fdep:		**Toxi:**	N
F State:	CA	**Cplx:**	
Ffon:	9166451681	**Wdrs:**	H
Ftyp:	OTH	**Wtp1:**	IMISCEL
Tonnage:		**Wtp2:**	
Fac Comment:			

WMU Details

Wmu ID:	5A312048001-01	**G Monitor:**	
Edit Date:		**S Monitor:**	
Last Edit:		**V Monitor:**	
Wmu Type:		**G Back:**	
Wmu Name:	MALLARD CREEK COMPOSTING FAC	**S Back:**	
Wmustatus:		**V Back:**	
Wmu Size:		**G Nonback:**	
Listed:		**S Nonback:**	
Printed:		**V Nonback:**	
Msw:		**G Date:**	
Superorder:		**S Date:**	

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB

Sc15:	TRUE	**V Date:**	
Swat:	FALSE	**Perm Test:**	
Tpca:	FALSE	**Gw Depth:**	
Rcra:	FALSE	**Precip:**	
Dod:		**Site Alt:**	
Old Class:		**Site Alta:**	
Old Waste:		**Line Alt:**	
Old First:		**Line Alta:**	
New Class:		**Lcrs Alt:**	
New Waste:		**Lcrs Alta:**	
New First:		**Composite:**	
Stat Date:		**Line Des:**	
Cap Year:		**Liner1:**	
Closeplan:		**Line1 Type:**	
Township:		**Liner2:**	
Fault Name:		**Line2 Type:**	
Fault Distance:		**Liner3:**	
Withquake:		**Line3 Type:**	
Type Op:			
Gen Com1:			
Gen Com2:			
Gen Com3:			
Gen Com4:			
Formation:			
Form Type:			
Form Permit:			
Form Com1:			
Form Com2:			
Form Com3:			
Form Com4:			
Liner Com:			
Lcrs:			
Lcrs Type:			
Lcrs Des:			
Cons Com1:			
Cons Com2:			
Cons Com3:			
Cons Com4:			

40	*1 of 1*	*NNE*	*0.37 / 1,959.31*	*142.95 / 31*	***Pacific Consolidated Incorporated*** ***1043 NICHOLS DR, STE 200*** ***ROCKLIN CA 95765***	***DELISTED HAZ***

Siteid:	54680
Latitude:	38.809890
Longitude:	-121.308180
Original Source:	CHAZ
Record Date:	30-MAY-2017

41	*1 of 2*	*N*	*0.43 / 2,292.40*	*132.23 / 20*	***REYNOLDS WEST COAST END PLANT*** ***3939 CINCINNATI AVE*** ***ROCKLIN CA 95677***	***LUST***

Global ID:	T0606100003	**Census Tract:**	6061021322
Status Date:	7/14/2000	**Match Key:**	T0606100003
Case Type:	LUST CLEANUP SITE	**County:**	PLACER
Oil Field:		**Latitude:**	38.8116569
Oil Field Operator:		**Longitude:**	-121.3107
Status:	COMPLETED - CASE CLOSED		

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Facilities Detail

CUF Case:	NO
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5S)

Case Worker:	AMB
Local Agency:	PLACER COUNTY
RB Case No:	310005
Local Case No:	
File Location:	
Potential COC:	Toluene
Potential Media of Concern:	Soil
Begin Date:	4/25/1989
How Discovered:	
How Discovered Description:	
Stop Method:	
Stop Description:	
Calwater Watershed Name:	Valley-American - Coon-American - Pleasant Grove (519.22)
DWR GW Subbasin Name:	Sacramento Valley - North American (5-021.64)
Disadvantaged Community:	
CalEnvScreen Score:	
Coordinate Source:	Google Geocode
Discharge Cause:	
Discharge Source:	
EPA Region:	9
Leak Reported Dt:	1989-05-05 00:00:00
Military DoD Site:	No
No Further Action Dt:	2000-07-14 00:00:00
Qty Rlsd Gallons:	
Facility Project Sub Type:	
Calenviroscreen 3 Score:	21-25%
Calenviroscreen 4 Score:	25-30%
Site History:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Regulatory Contacts

Contact Type:	Regional Board Caseworker
Contact Name:	Alan Buehler
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5S)
Address:	11020 SUN CENTER DRIVE #200
City:	RANCHO CORDOVA
Email:	alan.buehler@waterboards.ca.gov
Phone No:	

Contact Type:	Local Agency Caseworker
Contact Name:	WEST BOURGAULT
Organization Name:	PLACER COUNTY
Address:	3091 County Center Drive, Suite 180
City:	AUBURN
Email:	wbourgau@placer.ca.gov
Phone No:	

LUST Cleanup Sites from GeoTracker Cleanup Sites Data Download - Status History

Status:	Open - Remediation
Status Date:	4/2/1992

Status:	Open - Case Begin Date
Status Date:	4/25/1989

Status:	Completed - Case Closed
Status Date:	7/14/2000

LUST Sites from GeoTracker Search - Regulatory Profile

Site Facility Name:	REYNOLDS WEST COAST END PLANT
Site Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Address:	3939 CINCINNATI AVE
City:	ROCKLIN

Zip:	95677
County:	PLACER
Report Link:	https://geotracker.waterboards.ca.gov/profile_report?global_id=T0606100003
Cleanup Status Detail:	COMPLETED - CASE CLOSED AS OF 7/14/2000
Project Status:	
Cleanup History Link:	https://geotracker.waterboards.ca.gov/profile_report_include?global_id=T0606100003&tabname=regulatoryhistory
Potential COC:	TOLUENE
Potential Media of Concern:	SOIL
File Location:	
User Defined Beneficial Use:	
Designated Beneficial Use:	MUN, AGR, IND, PROC
DWR GW Sub Basin:	Sacramento Valley - North American (5-021.64)
Calwater Watershed Name:	Valley-American - Coon-American - Pleasant Grove (519.22)
Post Closure Site Management:	
Future Land Use:	
Cleanup Oversight Agencies:	CENTRAL VALLEY RWQCB (REGION 5S) (LEAD) - CASE #: 310005 CASEWORKER: Alan Buehler PLACER COUNTY CASEWORKER: WEST BOURGAULT
CUF Claim:	
CUF Priority Assig:	
CUF Amount Paid:	
WDR Place Type:	
WDR File:	
WDR Order:	
Project Oversight Agencies:	
Facility Type:	
Composting Method:	
Gndwater Monitoring Freque:	
Designated Beneficial Use Desc:	Municipal and Domestic Supply, Agricultural Supply, Industrial Service Supply, Industrial Process Supply
Site History:	

No site history available

LUST Sites from GeoTracker Search - Cleanup Status History

Status:	Completed - Case Closed
Date :	7/14/2000
Status:	Open - Case Begin Date
Date :	4/25/1989
Status:	Open - Remediation
Date :	4/2/1992

Sites from GeoTracker Search - Regulatory Activities (as of Oct 17, 2022)

Action Type:	Other Regulatory Actions
Action:	Closure/No Further Action Letter
Action Date:	7/14/2000
Received Issue Date:	7/14/2000
Doc Link:	https://geotracker.waterboards.ca.gov/view_documents?global_id=T0606100003&enforcement_id=6063218&temptable=ENFORCEMENT
Title Description Comments:	

No Further Action

Action Type:	Leak Action
Action:	Leak Reported
Action Date:	5/5/1989
Received Issue Date:	
Doc Link:	
Title Description Comments:	

Action Type: Leak Action
Action: Leak Discovery
Action Date: 4/25/1989
Received Issue Date:
Doc Link:
Title Description Comments:

Sites from GeoTracker Search - Documents (as of Oct 17, 2022)

Document Type: Site Documents
Document Date: 7/14/2000
Type: CLOSURE/NO FURTHER ACTION LETTER
Submitted:
Submitted By: (REGULATOR)
Title: NO FURTHER ACTION **Note: Many records provided by the department have a truncated [Title] field.
Title Link: https://geotracker.waterboards.ca.gov/view_documents?global_id=T0606100003&enforcement_id=6063218

41	2 of 2	N	0.43 / 2,292.40	132.23 / 20	REYNOLDS METALS CO FACILITY CLOSED 3939 CINCINNATI AVE ROCKLIN CA 95765	SML PLACER

Record ID: FA0001916
Dist: 18

Details

Program ID: PR0004372
Status: 02
Program Element: SITE CLEAN-UP - MITIGATION - HOURLY
Status Description: Closed

42	1 of 1	SSW	0.90 / 4,778.35	127.44 / 15	HEWLETT-PACKARD CO. - ROSEVILLE 8000 FOOTHILLS BOULEVARD ROSEVILLE CA 95747	ENVIROSTOR

Estor/EPA ID: 71003536
Assembly District: 06
Site Code:
Senate District: 04
Nat Priority List: NO
Permit Renewal Lead:
APN: NONE SPECIFIED
Public Partici Spclst:
Census Tract: 6061021043
Project Manager:
Site Type: TIERED PERMIT
County: PLACER
Address Description: 8000 FOOTHILLS BOULEVARD
Latitude: 38.788007
Office: CLEANUP SACRAMENTO
Longitude: -121.321364
Special Program:
Acres: NONE SPECIFIED
Funding:
Supervisor:
Cleanup Status: INACTIVE - NEEDS EVALUATION AS OF
Cleanup Oversight Agencies: NONE SPECIFIED
School District:
Past Use that Caused Contam: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Site History:

Potential Contamin of Concern:

NONE SPECIFIED

Status: INACTIVE - NEEDS EVALUATION
Program Type: TIERED PERMIT
CalEnviroScreen Score: 15-20%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=71003536

43	1 of 2	SW	0.97 / 5,131.16	119.71 / 7	NEW ROSEVILLE ES, HP SITE WOODCREEK OAKS BLVD.	SCH

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
					ROSEVILLE CA 95747	

Estor/EPA ID: 60000202
Site Code: 104526
Nat Priority List: NO
Acres: 10 ACRES
Special Program:
Funding: SCHOOL DISTRICT
Assembly District: 06
Senate District: 04
Permit Renewal Lead:
Project Manager: JOSE LUEVANO
Supervisor: MARK MALINOWSKI
Public Partici Spclst:
Census Tract: 6061021043
County: PLACER
Latitude: 38.7907
Longitude: -121.3275
School District: ROSEVILLE CITY ELEMENTARY SCHOOL DISTRICT
APN: NONE SPECIFIED
Cleanup Status: NO ACTION REQUIRED AS OF 4/12/2006
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
Site Type: SCHOOL
Office: NORTHERN CALIFORNIA SCHOOLS & SANTA SUSANA
Past Use that Caused Contam: NONE
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:

NO CONTAMINANTS FOUND

SITE HISTORY:

The site consists of gently rolling hills and three prominent drainage courses. DTSC reviewed the Phase I Environmental Site Assessment and approved the Phase I with a no action determination.

Status: NO ACTION REQUIRED
Program Type: SCHOOL EVALUATION
CalEnviroScreen Score: 15-20%
Summary Link: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000202

Completed Activities

Title: Phase 1
Title Link: https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000202&doc_id=6010681
Area Name:
Area Link:
Sub Area:
Sub Area Link:
Document Type: Phase 1
Date Completed: 4/12/2006
Comments: DTSC approved the revised Phase I and issued a no action determination.

Map Key	Number of Records	Direction	Distance (mi/ft)	Elev/Diff (ft)	Site	DB
43	2 of 2	SW	0.97 / 5,131.16	119.71 / 7	NEW ROSEVILLE ES, HP SITE WOODCREEK OAKS BLVD. ROSEVILLE CA 95747	ENVIROSTOR

Estor/EPA ID: 60000202
Site Code: 104526
Nat Priority List: NO
APN: NONE SPECIFIED
Census Tract: 6061021043
Site Type: SCHOOL
Address Description: WOODCREEK OAKS BLVD.
Office: NORTHERN CALIFORNIA SCHOOLS & SANTA SUSANA
Special Program:
Funding: SCHOOL DISTRICT
Cleanup Status: NO ACTION REQUIRED AS OF 4/12/2006
Cleanup Oversight Agencies: DTSC - SITE CLEANUP PROGRAM - LEAD AGENCY
School District: ROSEVILLE CITY ELEMENTARY SCHOOL DISTRICT
Past Use that Caused Contam: NONE
Potential Media Affected: NO MEDIA AFFECTED
Potential Contamin of Concern:
Assembly District: 06
Senate District: 04
Permit Renewal Lead:
Public Partici Spclst:
Project Manager: JOSE LUEVANO
County: PLACER
Latitude: 38.7907
Longitude: -121.3275
Acres: 10 ACRES
Supervisor: MARK MALINOWSKI

NO CONTAMINANTS FOUND

Site History:

The site consists of gently rolling hills and three prominent drainage courses. DTSC reviewed the Phase I Environmental Site Assessment and approved the Phase I with a no action determination.

Status:	NO ACTION REQUIRED
Program Type:	SCHOOL EVALUATION
CalEnviroScreen Score:	15-20%
Summary Link:	https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60000202

Completed Activities

Title:	Phase 1
Title Link:	https://www.envirostor.dtsc.ca.gov/public/final_documents2?global_id=60000202&doc_id=6010681
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Phase 1
Date Completed:	4/12/2006
Comments:	DTSC approved the revised Phase I and issued a no action determination.

Unplottable Summary

Total: 5 Unplottable sites

DB	Company Name/Site Name	Address	City	Zip	ERIS ID
ENVIROSTOR	PLACER COUNTY INDUSTRIAL TREATMENT PONDS	SOUTH END OF CINCINNATI AVE ***Estor/EPA ID*	*Cleanup Status:*** 31490004 | REFER: RWQCB AS OF 1/28/1987	ROCKLIN CA	95677	820298961
ERNS		FOOTHILLS BLVD JERRY DAVIS YARD ***NRC Report No:*** 497215	ROSEVILLE CA		806573846
ERNS		NEAR FOOTHILLS BLVD ***NRC Report No:*** 647856	ROSEVILLE CA		806697575
PRP	UNION PACIFIC RAILROAD COMPANY	100031 FOOTHILLS BLVD., SUITE 200 ***Site EPA ID:*** CA0002109312	ROSEVILLE CA	95747	860546570
WMUD	SUNSET SEPTAGE LAGOONS	END OF CINCINNATI AVE	ROCKLIN CA		895465765

Unplottable Report

Site: ***PLACER COUNTY INDUSTRIAL TREATMENT PONDS***
SOUTH END OF CINCINNATI AVE ROCKLIN CA 95677

ENVIROSTOR

Estor/EPA ID:	31490004	***Assembly District:***	
Site Code:		***Senate District:***	
Nat Priority List:	NO	***Permit Renewal Lead:***	
APN:	NONE SPECIFIED	***Public Partici Spclst:***	
Census Tract:		***Project Manager:***	
Site Type:	EVALUATION	***County:***	PLACER
Address Description:	SOUTH END OF CINCINNATI AVE	***Latitude:***	0
Office:	CLEANUP SACRAMENTO	***Longitude:***	0
Special Program:		***Acres:***	1 ACRES
Funding:		***Supervisor:***	
Cleanup Status:	REFER: RWQCB AS OF 1/28/1987		
Cleanup Oversight Agencies:	NONE SPECIFIED		
School District:			
Past Use that Caused Contam:	NONE SPECIFIED		
Potential Media Affected:	NONE SPECIFIED		
Potential Contamin of Concern:			

UNSPECIFIED AQUEOUS SOLUTION
UNSPECIFIED SLUDGE WASTE

Site History:

Status:	REFER: RWQCB
Program Type:	EVALUATION
CalEnviroScreen Score:	
Summary Link:	https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=31490004

Completed Activities

Title:	Discovery
Title Link:	
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	* Discovery
Date Completed:	9/23/1981
Comments:	FACILITY IDENTIFIED PLACER COUNTY FACILITY.

Title:	Site Screening
Title Link:	
Area Name:	
Area Link:	
Sub Area:	
Sub Area Link:	
Document Type:	Site Screening
Date Completed:	1/28/1987
Comments:	SITE SCREENING DONE. NO DHS FILE.

Site:
FOOTHILLS BLVD JERRY DAVIS YARD ROSEVILLE CA

ERNS

NRC Report No:	497215	***Latitude Degrees:***	
Type of Incident:	UNKNOWN SHEEN	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	9/1/1999 3:00:00 PM	***Longitude Degrees:***	

Incident Location:		***Longitude Minutes:***	
Incident Dtg:	DISCOVERED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Direction from City:		***Location Section:***	
Location County:	PLACER	***Location Township:***	
Potential Flag:		***Location Range:***	
Year:	Year 1999 Reports		
Description of Incident:	SOURCE AND CAUSE UNKNOWN / STAIN ON GROUND ON NORTH SIDE OF FUELINGTRACK		

Material Spill Information

Chris Code:	ODS	***Unit of Measure:***	GALLON(S)
CAS No:		***If Reached Water:***	YES
UN No:		***Amount in Water:***	0
Name of Material:	OIL: DIESEL	***Unit Reach Water:***	NONE
Amount of Material:	75		

Calls Information

Date Time Received:	9/1/1999 6:17:05 PM	***Responsible City:***	
Date Time Complete:	9/1/1999 6:22:35 PM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	UNAVAILABLE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:	UNKNOWN	***Structure Oper:***	Y
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:	UNKNOWN	***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:	UNKNOWN	***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	U	***Yard Foreman Test:***	
Railroad Hotline:	No	***RCL Operator Test:***	
Railroad Milepost:	106	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:	UNKNOWN	***Oth Employee Test:***	

Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	
Release Rate:		***State Agen on Scene:***	
Release Rate Unit:		***State Agen Notified:***	
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	CONTRACTOR ENROUTE TO REMEDIATE SITE	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	Y
Who Evacuated:		***Weather Conditions:***	
Radius of Evacu:		***Air Temperature:***	
Any Injuries:	U	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	U	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	N	***Sheen Size Length U:***	
Track Desc:		***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:		***Dir of Sheen Travel:***	
Media Interest:		***Sheen Odor Desc:***	
Medium Desc:	LAND	***Duration Unit:***	
Addl Medium Info:	GROUND AND BALLAST	***Additional Info:***	AREA AFFECTED: UNK

Site:

NEAR FOOTHILLS BLVD ROSEVILLE CA ERNS

NRC Report No:	647856	***Latitude Degrees:***	
Type of Incident:	RAILROAD	***Latitude Minutes:***	
Incident Cause:	UNKNOWN	***Latitude Seconds:***	
Incident Date:	6/14/2003 4:55:00 AM	***Longitude Degrees:***	
Incident Location:	MILEPOST:105	***Longitude Minutes:***	
Incident Dtg:	OCCURRED	***Longitude Seconds:***	
Distance from City:		***Lat Quad:***	
Distance Units:		***Long Quad:***	
Direction from City:		***Location Section:***	
Location County:	PLACER	***Location Township:***	
Potential Flag:		***Location Range:***	
Year:	Year 2003 Reports		

Description of Incident: 4-5 RAIL CARS DERAILED IN A GENERAL PILE WHERE THE REAR OF ONE YARD JOB MET WITH THE HEAD OF ANOTHER YARD JOB. UNKNOWN IF ANY MATERIAL RELEASED FROM EMPTY RESIDUE CARS, PEOPLE ON SCENE SMELL AN ODOR.

Material Spill Information

Chris Code:	NCC	***Unit of Measure:***	UNKNOWN AMOUNT
CAS No:	000000-00-0	***If Reached Water:***	NO
UN No:		***Amount in Water:***	

Name of Material:	METHYL TERT-BUTYL ETHER RESIDUE	***Unit Reach Water:***	
Amount of Material:	0		

Calls Information

Date Time Received:	6/14/2003 7:22:10 AM	***Responsible City:***	
Date Time Complete:	6/14/2003 7:38:03 AM	***Responsible State:***	XX
Call Type:	INC	***Responsible Zip:***	
Resp Company:		***Source:***	TELEPHONE
Resp Org Type:	UNKNOWN		

Incident Information

Tank ID:		***Building ID:***	
Tank Regulated:	U	***Location Area ID:***	
Tank Regulated By:		***Location Block ID:***	
Capacity of Tank:		***OCSG No:***	
Capacity Tank Units:		***OCSP No:***	
Description of Tank:		***State Lease No:***	
Actual Amount:		***Pier Dock No:***	
Actual Amount Units:		***Berth Slip No:***	
Tank Above Ground:	ABOVE	***Brake Failure:***	N
NPDES:		***Airbag Deployed:***	
NPDES Compliance:	U	***Transport Contain:***	U
Init Contin Rel No:		***Location Subdiv:***	MARTINEZ
Contin Rel Permit:		***Platform Rig Name:***	
Contin Release Type:		***Platform Letter:***	
Aircraft ID:		***Allision:***	N
Aircraft Runway No:		***Type of Structure:***	
Aircraft Spot No:		***Structure Name:***	
Aircraft Type:		***Structure Oper:***	U
Aircraft Model:		***Transit Bus Flag:***	
Aircraft Fuel Cap:		***Date Time Norm Serv:***	
Aircraft Fuel Cap U:		***Serv Disrupt Time:***	
Aircraft Fuel on Brd:		***Serv Disrupt Units:***	
Aircraft Fuel OB U:		***CR Begin Date:***	
Aircraft Hanger:		***CR End Date:***	
Road Mile Marker:		***CR Change Date:***	
Power Gen Facility:	U	***FBI Contact:***	
Generating Capacity:		***FBI Contact Dt Tm:***	
Type of Fixed Obj:		***Passenger Handling:***	
Type of Fuel:		***Passenger Route:***	XXX
DOT Crossing No:		***Passenger Delay:***	XXX
DOT Regulated:	U	***Sub Part C Test Req:***	XXX
Pipeline Type:		***Conductor Test:***	
Pipeline Abv Ground:	ABOVE	***Engineer Test:***	
Pipeline Covered:	U	***Trainman Test:***	
Exposed Underwater:	N	***Yard Foreman Test:***	
Railroad Hotline:		***RCL Operator Test:***	
Railroad Milepost:	105	***Brakeman Test:***	
Grade Crossing:	N	***Train Dispat Test:***	
Crossing Device Ty:		***Signalman Test:***	
Ty Vehicle Involved:		***Oth Employee Test:***	
Device Operational:	Y	***Unknown Test:***	

Incident Details Information

Release Secured:	U	***State Agen Report No:***	03-3037
Release Rate:		***State Agen on Scene:***	FIRE DEPT
Release Rate Unit:		***State Agen Notified:***	CA OES
Release Rate Rate:		***Fed Agency Notified:***	
Est Duration of Rel:		***Oth Agency Notified:***	
Desc Remedial Act:	CREWS RESPONDING	***Body of Water:***	
Fire Involved:	N	***Tributary of:***	
Fire Extinguished:	U	***Near River Mile Make:***	
Any Evacuations:	N	***Near River Mile Mark:***	
No Evacuated:		***Offshore:***	N
Who Evacuated:		***Weather Conditions:***	CLEAR

Radius of Evacu:		***Air Temperature:***	57
Any Injuries:	N	***Wind Direction:***	
No. Injured:		***Wind Speed:***	
No. Hospitalized:		***Wind Speed Unit:***	
No. Fatalities:		***Water Supp Contam:***	U
Any Fatalities:	N	***Water Temperature:***	
Any Damages:	N	***Wave Condition:***	
Damage Amount:		***Current Speed:***	
Air Corridor Closed:	N	***Current Direction:***	
Air Corridor Desc:		***Current Speed Unit:***	
Air Closure Time:		***EMPL Fatality:***	
Waterway Closed:	N	***Pass Fatality:***	
Waterway Desc:		***Community Impact:***	N
Waterway Close Time:		***Passengers Transfer:***	UNK
Road Closed:	N	***Passenger Injuries:***	
Road Desc:		***Employee Injuries:***	
Road Closure Time:		***Occupant Fatality:***	
Road Closure Units:		***Sheen Size:***	
Closure Direction:		***Sheen Size Units:***	
Major Artery:	No	***Sheen Size Length:***	
Track Closed:	Y	***Sheen Size Length U:***	
Track Desc:	YARD	***Sheen Size Width:***	
Track Closure Time:		***Sheen Size Width U:***	
Track Closure Units:		***Sheen Color:***	
Track Close Dir:	ALL	***Dir of Sheen Travel:***	
Media Interest:	NONE	***Sheen Odor Desc:***	
Medium Desc:	AIR	***Duration Unit:***	
Addl Medium Info:	ATMOSPHERE	***Additional Info:***	NO ADDITIONAL INFO.

Site: ***UNION PACIFIC RAILROAD COMPANY***
100031 FOOTHILLS BLVD., SUITE 200 ROSEVILLE CA 95747

PRP

Site EPA ID:	CA0002109312
Site Name:	PRC PATTERSON SITE
Site NPL Status:	Not on the NPL
Site Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)
Site Address:	STATE HIGHWAY 33
Site City:	PATTERSON
Site State:	CA
Site Zip:	95363
Site Primary Latitude:	
Site Primary Longitude:	

Noticed Party Action Information

Action Type Seq:	UA-2
Action Name:	UNL ORDR
Action Date:	SETTLEMENT DATE 08/12/1998

Site: ***SUNSET SEPTAGE LAGOONS***
END OF CINCINNATI AVE ROCKLIN CA

WMUD

Wmu ID No:	5A310301N02	***Npid:***	
Wds ID No:	5A310301N02	***Rptf:***	
Swis ID No:		***Sic1:***	4953
Reg ID No:		***Sic2:***	
Edit Date:		***Swat Anms:***	
Last Edit:		***Swat Fnms:***	
Region:	5S	***Atyp:***	CO
County:	31	***Anms:***	PLACER COUNTY, DPW
Wds:	TRUE	***Adep:***	
Msw:	FALSE	***A Street:***	1444 B AVE, DEWITT CENTER
Superorder:		***A City:***	AUBURN ,CA
Sc15:	TRUE	***A Zip:***	95603
Swat:	FALSE	***A County:***	DAVID BABITZ
Tpca:	FALSE	***Afon:***	9168897510
Rcra:	FALSE	***Lnms:***	
Dod:		***Ldep:***	

Rbpo:	GAI	***L Street:***	
Openpub:	FALSE	***L City:***	
Waste List:		***L State:***	
Tot Wmus:	1	***L Zip:***	
Secrange:		***L County:***	
Basemer:		***Lfon:***	
Fcnt:	REY HUCK	***Ttwq:***	2
Fdep:		***Toxi:***	
F State:	CA	***Cplx:***	B
Ffon:	9168897587	***Wdrs:***	H
Ftyp:	SW3	***Wtp1:***	DDOMEST
Tonnage:	0	***Wtp2:***	
Fac Comment:			

WMU Details

Wmu ID:	5A310301N02-01	***G Monitor:***	FALSE
Edit Date:		***S Monitor:***	FALSE
Last Edit:		***V Monitor:***	FALSE
Wmu Type:		***G Back:***	0
Wmu Name:	SUNSET SEPTAGE LAGOONS	***S Back:***	0
Wmustatus:		***V Back:***	0
Wmu Size:		***G Nonback:***	0
Listed:		***S Nonback:***	0
Printed:		***V Nonback:***	0
Msw:	FALSE	***G Date:***	
Superorder:		***S Date:***	
Sc15:	TRUE	***V Date:***	
Swat:	FALSE	***Perm Test:***	
Tpca:	FALSE	***Gw Depth:***	0
Rcra:	FALSE	***Precip:***	0
Dod:	FALSE	***Site Alt:***	FALSE
Old Class:		***Site Alta:***	FALSE
Old Waste:		***Line Alt:***	FALSE
Old First:		***Line Alta:***	FALSE
New Class:		***Lcrs Alt:***	FALSE
New Waste:		***Lcrs Alta:***	FALSE
New First:		***Composite:***	
Stat Date:		***Line Des:***	FALSE
Cap Year:		***Liner1:***	FALSE
Closeplan:	FALSE	***Line1 Type:***	
Township:		***Liner2:***	FALSE
Fault Name:		***Line2 Type:***	
Fault Distance:		***Liner3:***	FALSE
Withquake:	FALSE	***Line3 Type:***	
Type Op:			
Gen Com1:			
Gen Com2:			
Gen Com3:			
Gen Com4:			
Formation:			
Form Type:			
Form Permit:			
Form Com1:			
Form Com2:			
Form Com3:			
Form Com4:			
Liner Com:			
Lcrs:	FALSE		
Lcrs Type:			
Lcrs Des:	FALSE		
Cons Com1:			
Cons Com2:			
Cons Com3:			
Cons Com4:			

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update. ERIS updates databases as set out in ASTM Standard E1527-13 and E1527-21, Section 8.1.8 Sources of Standard Source Information:

"Government information from nongovernmental sources may be considered current if the source updates the information at least every 90 days, or, for information that is updated less frequently than quarterly by the government agency, within 90 days of the date the government agency makes the information available to the public."

Standard Environmental Record Sources

Federal

Formerly Utilized Sites Remedial Action Program: DOE FUSRAP

The U.S. Department of Energy (DOE) established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from the Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations. The DOE Office of Legacy Management (LM) established long-term surveillance and maintenance (LTS&M) requirements for remediated FUSRAP sites. DOE evaluates the final site conditions of a remediated site on the basis of risk for different future uses. DOE then confirms that LTS&M requirements will maintain protectiveness.

Government Publication Date: Mar 4, 2017

National Priority List: NPL

Sites on the United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. The NPL, which EPA is required to update at least once a year, is based primarily on the score a site receives from EPA's Hazard Ranking System. A site must be on the NPL to receive money from the Superfund Trust Fund for remedial action. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

National Priority List - Proposed: PROPOSED NPL

Sites proposed by the United States Environmental Protection Agency (EPA), the state agency, or concerned citizens for addition to the National Priorities List (NPL) due to contamination by hazardous waste and identified by the EPA as a candidate for cleanup because it poses a risk to human health and/or the environment. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

Deleted NPL: DELETED NPL

Sites deleted from the United States Environmental Protection Agency (EPA)'s National Priorities List. The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. Sites are represented by boundaries where available in the EPA Superfund Site Boundaries maintained by the Shared Enterprise Geodata and Services (SEGS). Site boundaries represent the footprint of a whole site, the sum of all of the Operable Units and the current understanding of the full extent of contamination; for Federal Facility sites, the total site polygon may be the Facility boundary. Where there is no polygon boundary data available for a given site, the site is represented as a point.

Government Publication Date: Nov 3, 2022

SEMS List 8R Active Site Inventory: SEMS

The U.S. Environmental Protection Agency's (EPA) Superfund Program has deployed the Superfund Enterprise Management System (SEMS), which integrates multiple legacy systems into a comprehensive tracking and reporting tool. This inventory contains active sites evaluated by the Superfund program that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The Active Site Inventory Report displays site and location information at active SEMS sites. An active site is one at which site assessment, removal, remedial, enforcement, cost recovery, or oversight activities are being planned or conducted. This data includes SEMS sites from the List 8R Active file as well as applicable sites from the SEMS GIS/REST file layer obtained from EPA's Facility Registry Service.

Government Publication Date: Jan 25, 2023

Inventory of Open Dumps, June 1985: ODI

The Resource Conservation and Recovery Act (RCRA) provides for publication of an inventory of open dumps. The Act defines "open dumps" as facilities which do not comply with EPA's "Criteria for Classification of Solid Waste Disposal Facilities and Practices" (40 CFR 257).

Government Publication Date: Jun 1985

SEMS List 8R Archive Sites: SEMS ARCHIVE

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) Archived Site Inventory displays site and location information at sites archived from SEMS. An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. This data includes sites from the List 8R Archived site file.

Government Publication Date: Jan 25, 2023

Comprehensive Environmental Response, Compensation and Liability Information System - CERCLIS: CERCLIS

Superfund is a program administered by the United States Environmental Protection Agency (EPA) to locate, investigate, and clean up the worst hazardous waste sites throughout the United States. CERCLIS is a database of potential and confirmed hazardous waste sites at which the EPA Superfund program has some involvement. It contains sites that are either proposed to be or are on the National Priorities List (NPL) as well as sites that are in the screening and assessment phase for possible inclusion on the NPL. The EPA administers the Superfund program in cooperation with individual states and tribal governments; this database is made available by the EPA.

Government Publication Date: Oct 25, 2013

EPA Report on the Status of Open Dumps on Indian Lands: IODI

Public Law 103-399, The Indian Lands Open Dump Cleanup Act of 1994, enacted October 22, 1994, identified congressional concerns that solid waste open dump sites located on American Indian or Alaska Native (AI/AN) lands threaten the health and safety of residents of those lands and contiguous areas. The purpose of the Act is to identify the location of open dumps on Indian lands, assess the relative health and environment hazards posed by those sites, and provide financial and technical assistance to Indian tribal governments to close such dumps in compliance with Federal standards and regulations or standards promulgated by Indian Tribal governments or Alaska Native entities.

Government Publication Date: Dec 31, 1998

CERCLIS - No Further Remedial Action Planned: CERCLIS NFRAP

An archived site is one at which EPA has determined that assessment has been completed and no further remedial action is planned under the Superfund program at this time. The Archive designation means that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL). This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Government Publication Date: Oct 25, 2013

CERCLIS Liens: CERCLIS LIENS

A Federal Superfund lien exists at any property where EPA has incurred Superfund costs to address contamination ("Superfund site") and has provided notice of liability to the property owner. A Federal CERCLA ("Superfund") lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. This database is made available by the United States Environmental Protection Agency (EPA). This database was provided by the United States Environmental Protection Agency (EPA). Refer to SEMS LIEN as the current data source for Superfund Liens.

Government Publication Date: Jan 30, 2014

RCRA CORRACTS-Corrective Action: RCRA CORRACTS

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. At these sites, the Corrective Action Program ensures that cleanups occur. EPA and state regulators work with facilities and communities to design remedies based on the contamination, geology, and anticipated use unique to each site.

Government Publication Date: Jan 23, 2023

RCRA non-CORRACTS TSD Facilities: RCRA TSD

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. This database includes Non-Corrective Action sites listed as treatment, storage and/or disposal facilities of hazardous waste as defined by RCRA.

Government Publication Date: Jan 23, 2023

RCRA Generator List: RCRA LQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Large Quantity Generators (LQGs) generate 1,000 kilograms per month or more of hazardous waste or more than one kilogram per month of acutely hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Small Quantity Generators List: RCRA SQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Small Quantity Generators (SQGs) generate more than 100 kilograms, but less than 1,000 kilograms, of hazardous waste per month.

Government Publication Date: Jan 23, 2023

RCRA Very Small Quantity Generators List: RCRA VSQG

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Very Small Quantity Generators (VSQG) generate 100 kilograms or less per month of hazardous waste, or one kilogram or less per month of acutely hazardous waste. Additionally, VSQG may not accumulate more than 1,000 kilograms of hazardous waste at any time.

Government Publication Date: Jan 23, 2023

RCRA Non-Generators: RCRA NON GEN

RCRA Info is the U.S. Environmental Protection Agency's (EPA) comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRA Info replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS) and the Biennial Reporting System (BRS). A hazardous waste generator is any person or site whose processes and actions create hazardous waste (see 40 CFR 260.10). Non-Generators do not presently generate hazardous waste.

Government Publication Date: Jan 23, 2023

RCRA Sites with Controls: RCRA CONTROLS

List of Resource Conservation and Recovery Act (RCRA) facilities with institutional controls in place. RCRA gives the U.S. Environmental Protection Agency (EPA) the authority to control hazardous waste from the "cradle-to-grave." This includes the generation, transportation, treatment, storage, and disposal of hazardous waste. RCRA also set forth a framework for the management of non-hazardous solid wastes. The 1986 amendments to RCRA enabled EPA to address environmental problems that could result from underground tanks storing petroleum and other hazardous substances.

Government Publication Date: Jan 23, 2023

Federal Engineering Controls-ECs: FED ENG

This list of Engineering controls (ECs) is provided by the United States Environmental Protection Agency (EPA). ECs encompass a variety of engineered and constructed physical barriers (e.g., soil capping, sub-surface venting systems, mitigation barriers, fences) to contain and/or prevent exposure to contamination on a property. The EC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Federal Institutional Controls- ICs: FED INST

This list of Institutional controls (ICs) is provided by the United States Environmental Protection Agency (EPA). ICs are non-engineered instruments, such as administrative and legal controls, that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy. Although it is EPA's expectation that treatment or engineering controls will be used to address principal threat wastes and that groundwater will be returned to its beneficial use whenever practicable, ICs play an important role in site remedies because they reduce exposure to contamination by limiting land or resource use and guide human behavior at a site. The IC listing includes remedy component data from Superfund decision documents issued in fiscal years 1982-2020 for applicable sites on the final or deleted on the National Priorities List (NPL); and sites with a Superfund Alternative Approach (SAA) Agreement in place. The only sites included that are not on the NPL; proposed for NPL; or removed from proposed NPL, are those with an SAA Agreement in place.

Government Publication Date: Dec 22, 2022

Land Use Control Information System: LUCIS

The LUCIS database is maintained by the U.S. Department of the Navy and contains information for former Base Realignment and Closure (BRAC) properties across the United States.

Government Publication Date: Sep 1, 2006

Institutional Control Boundaries at NPL sites: NPL IC

Boundaries of Institutional Control areas at sites on the United States Environmental Protection Agency (EPA)'s National Priorities List, or Proposed or Deleted, made available by the EPA's Shared Enterprise Geodata and Services (SEGS). United States Environmental Protection Agency (EPA)'s National Priorities List of the most serious uncontrolled or abandoned hazardous waste sites identified for possible long-term remedial action under the Superfund program. Institutional controls are non-engineered instruments such as administrative and legal controls that help minimize the potential for human exposure to contamination and/or protect the integrity of the remedy.

Government Publication Date: Nov 3, 2022

Emergency Response Notification System: ERNS 1982 TO 1986

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1982-1986

Emergency Response Notification System: ERNS 1987 TO 1989

Database of oil and hazardous substances spill reports controlled by the National Response Center. The primary function of the National Response Center is to serve as the sole national point of contact for reporting oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories.

Government Publication Date: 1987-1989

Emergency Response Notification System: ERNS

Database of oil and hazardous substances spill reports made available by the United States Coast Guard National Response Center (NRC). The NRC fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. These data contain initial incident data that has not been validated or investigated by a federal/state response agency.

Government Publication Date: Nov 6, 2022

The Assessment, Cleanup and Redevelopment Exchange System (ACRES) Brownfield Database: FED BROWNFIELDS

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties protects the environment, reduces blight, and takes development pressures off greenspaces and working lands. This data is provided by the United States Environmental Protection Agency (EPA) and includes Brownfield sites from the Cleanups in My Community (CIMC) web application.

Government Publication Date: Sep 13, 2022

FEMA Underground Storage Tank Listing: FEMA UST

The Federal Emergency Management Agency (FEMA) of the Department of Homeland Security maintains a list of FEMA owned underground storage tanks.

Government Publication Date: Dec 31, 2017

Facility Response Plan: FRP

List of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Delisted Facility Response Plans: DELISTED FRP

Facilities that once appeared in - and have since been removed from - the list of facilities that have submitted Facility Response Plans (FRP) to EPA. Facilities that could reasonably be expected to cause "substantial harm" to the environment by discharging oil into or on navigable waters are required to prepare and submit Facility Response Plans (FRPs). Harm is determined based on total oil storage capacity, secondary containment and age of tanks, oil transfer activities, history of discharges, proximity to a public drinking water intake or sensitive environments.

Government Publication Date: Dec 31, 2021

Historical Gas Stations: HIST GAS STATIONS

This historic directory of service stations is provided by the Cities Service Company. The directory includes Cities Service filling stations that were located throughout the United States in 1930.

Government Publication Date: Jul 1, 1930

Petroleum Refineries: REFN

List of petroleum refineries from the U.S. Energy Information Administration (EIA) Refinery Capacity Report. Includes operating and idle petroleum refineries (including new refineries under construction) and refineries shut down during the previous year located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U.S. possessions. Survey locations adjusted using public data.

Government Publication Date: Aug 30, 2022

Petroleum Product and Crude Oil Rail Terminals: BULK TERMINAL

List of petroleum product and crude oil rail terminals made available by the U.S. Energy Information Administration (EIA). Includes operable bulk petroleum product terminals located in the 50 States and the District of Columbia with a total bulk shell storage capacity of 50,000 barrels or more, and/or the ability to receive volumes from tanker, barge, or pipeline; also rail terminals handling the loading and unloading of crude oil that were active between 2017 and 2018. Petroleum product terminals comes from the EIA-815 Bulk Terminal and Blender Report, which includes working, shell in operation, and shell idle for several major product groupings. Survey locations adjusted using public data.

Government Publication Date: Jun 29, 2022

LIEN on Property: SEMS LIEN

The U.S. Environmental Protection Agency's (EPA) Superfund Enterprise Management System (SEMS) provides Lien details on applicable properties, such as the Superfund lien on property activity, the lien property information, and the parties associated with the lien.

Government Publication Date: Jan 25, 2023

Superfund Decision Documents: SUPERFUND ROD

This database contains a list of decision documents for Superfund sites. Decision documents serve to provide the reasoning for the choice of (or) changes to a Superfund Site cleanup plan. The decision documents include completed Records of Decision (ROD), ROD Amendments, Explanations of Significant Differences (ESD) for active and archived sites stored in the Superfund Enterprise Management System (SEMS), along with other associated memos and files. This information is maintained and made available by the U.S. Environmental Protection Agency.

Government Publication Date: Dec 22, 2022

State

State Response Sites: RESPONSE

A list of identified confirmed release sites where the Department of Toxic Substances Control (DTSC) is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk. This database is state equivalent NPL.

Government Publication Date: Feb 6, 2023

EnviroStor Database: ENVIROSTOR

The EnviroStor Data Management System is made available by the Department of Toxic Substances Control (DTSC). Includes Corrective Action sites, Tiered Permit sites, Historical Sites and Evaluation/Investigation sites. This database is state equivalent CERCLIS.

Government Publication Date: Feb 6, 2023

Delisted State Response Sites: DELISTED ENVS

Sites removed from the list of State Response Sites made available by the EnviroStor Data Management System, Department of Toxic Substances Control (DTSC).

Government Publication Date: Feb 6, 2023

Solid Waste Information System (SWIS): SWF/LF

The Solid Waste Information System (SWIS) database made available by the Department of Resources Recycling and Recovery (CalRecycle) contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites.

Government Publication Date: Feb 9, 2023

Solid Waste Disposal Sites with Waste Constituents Above Hazardous Waste Levels: SWRCB SWF

This is a list of solid waste disposal sites identified by California State Water Resources Control Board with waste constituents above hazardous waste levels outside the waste management unit.

Government Publication Date: Sep 20, 2006

Waste Management Unit Database: WMUD

The Waste Management Unit Database System tracks and inventories waste management units. CCR Title 27 contains criteria stating that Waste Management Units are classified according to their ability to contain wastes. Containment shall be determined by geology, hydrology, topography, climatology, and other factors relating to the ability of the Unit to protect water quality. Water Code Section 13273.1 requires that operators submit a water quality solid waste assessment test (SWAT) report to address leak status. The WMUDS was last updated by the State Water Resources control board in 2000.

Government Publication Date: Jan 1, 2000

EnviroStor Hazardous Waste Facilities: HWP

A list of hazardous waste facilities including permitted, post-closure and historical facilities found in the Department of Toxic Substances Control (DTSC) EnviroStor database.

Government Publication Date: Feb 6, 2023

Sites Listed in the Solid Waste Assessment Test (SWAT) Program Report: SWAT

In a 1993 Memorandum of Understanding, the State Water Resources Control Board (SWRCB) agreed to submit a comprehensive report on the Solid Waste Assessment Test (SWAT) Program to the California Integrated Waste Management Board (CIWMB). This report summarizes the work completed to date on the SWAT Program, and addresses both the impacts that leakage from solid waste disposal sites (SWDS) may have upon waters of the State and the actions taken to address such leakage.

Government Publication Date: Dec 31, 1995

Construction and Demolition Debris Recyclers: C&D DEBRIS RECY

This listing of Construction and Demolition Debris Recyclers is maintained by the California Intergrated Waste Management Board-common C&D materials include lumber, drywall, metals, masonry (brick, concrete, etc.), carpet, plastic, pipe, rocks, dirt, paper, cardboard, or green waste related to land development.

Government Publication Date: Jun 20, 2018

Recycling Centers: RECYCLING

This list of Certified Recycling Centers that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Jan 12, 2023

Listing of Certified Processors: PROCESSORS

This list of Certified Processors that are operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Jan 12, 2023

Listing of Certified Dropoff, Collection, and Community Service Programs: CONTAINER RECY

This list of Certified Dropoff, Collection, and Community Service Programs (non-buyback) operating under the state of California's Beverage Container Recycling Program is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Jan 13, 2023

Land Disposal Sites: LDS

Land Disposal Sites in GeoTracker, the State Water Resources Control Board (SWRCB)'s data management system. The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units. Waste management units include waste piles, surface impoundments, and landfills.

Government Publication Date: Nov 16, 2022

Leaking Underground Fuel Tank Reports: LUST

List of Leaking Underground Storage Tanks within the Cleanup Sites data in GeoTracker database. GeoTracker is the State Water Resources Control Board's (SWRCB) data management system for managing sites that impact groundwater, especially those that require groundwater cleanup (Underground Storage Tanks, Department of Defense and Site Cleanup Program) as well as permitted facilities such as operating Underground Storage Tanks. The Leak Prevention Program that overlooks LUST sites is the SWRCB in California's Environmental Protection Agency.

Government Publication Date: Nov 16, 2022

Delisted Leaking Storage Tanks: DELISTED LST

List of Leaking Underground Storage Tanks (LUST) cleanup sites removed from GeoTracker, the State Water Resources Control Board (SWRCB)'s database system, as well as sites removed from the SWRCB's list of UST Case closures.

Government Publication Date: Nov 16, 2022

Permitted Underground Storage Tank (UST) in GeoTracker: UST

List of Permitted Underground Storage Tank (UST) sites made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA).

Government Publication Date: Jan 17, 2023

Proposed Closure of Underground Storage Tank Cases: UST CLOSURE

List of UST cases that are being considered for closure by either the California Environmental Protection Agency, State Water Resources Control Board or the Executive Director that have been posted for a 60-day public comment period.

Government Publication Date: May 5, 2021

Historical Hazardous Substance Storage Information Database: HHSS

The Historical Hazardous Substance Storage database contains information collected in the 1980s from facilities that stored hazardous substances. The information was originally collected on paper forms, was later transferred to microfiche, and recently indexed as a searchable database. When using this database, please be aware that it is based upon self-reported information submitted by facilities which has not been independently verified. It is unlikely that every facility responded to the survey and the database should not be expected to be a complete inventory of all facilities that were operating at that time. This database is maintained by the California State Water Resources Control Board's (SWRCB) Geotracker.

Government Publication Date: Aug 27, 2015

Statewide Environmental Evaluation and Planning System: UST SWEEPS

The Statewide Environmental Evaluation and Planning System (SWEEPS) is a historical listing of active and inactive underground storage tanks made available by the California State Water Resources Control Board (SWRCB).

Government Publication Date: Oct 1, 1994

Aboveground Storage Tanks: AST

A statewide list from 2009 of aboveground storage tanks (ASTs) made available by the Cal FIRE Office of the State Fire Marshal (OSFM). This list is no longer maintained or updated by the Cal FIRE OSFM.

Government Publication Date: Aug 31, 2009

SWRCB Historical Aboveground Storage Tanks: AST SWRCB

A list of aboveground storage tanks made available by the California State Water Resources Control Board (SWRCB). Effective January 1, 2008, the Certified Unified Program Agencies (CUPAs) are vested with the responsibility and authority to implement the Aboveground Petroleum Storage Act (APSA).

Government Publication Date: Dec 1, 2007

Oil and Gas Facility Tanks: TANK OIL GAS

Locations of oil and gas tanks that fall under the jurisdiction of the Geologic Energy Management Division of the California Department of Conservation (CalGEM) (CCR 1760). CalGEM was formerly the Division of Oil, Gas, and Geothermal Resources (DOGGR).

Government Publication Date: Jan 9, 2023

Delisted Storage Tanks: DELISTED TNK

This database contains a list of storage tank sites that were removed by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency (EPA) and the Cal FIRE Office of State Fire Marshal (OSFM).

Government Publication Date: Jan 17, 2023

California Environmental Reporting System (CERS) Tanks: CERS TANK

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Jan 10, 2023

Delisted California Environmental Reporting System (CERS) Tanks: DELISTED CTNK

This database contains a list of Aboveground Petroleum Storage and Underground Storage Tank sites that were removed from in the California Environmental Protection Agency (CalEPA) Regulated Site Portal.

Government Publication Date: Jan 10, 2023

Historical Hazardous Substance Storage Container Information - Facility Summary: HIST TANK

The State Water Resources Control Board maintained the Hazardous Substance Storage Containers listing and inventory in th 1980s. This facility summary lists historic tank sites where the following container types were present: farm motor vehicle fuel tanks; waste tanks; sumps; pits, ponds, lagoons, and others; and all other product tanks. This set, published in May 1988, lists facility and owner information, as well as the number of containers. This data is historic and will not be updated.

Government Publication Date: May 27, 1988

Site Mitigation and Brownfields Reuse Program Facility Sites with Land Use Restrictions: LUR

The Department of Toxic Substances Control (DTSC) Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents land use restrictions that are active. Some sites have multiple land use restrictions.

Government Publication Date: Feb 6, 2023

CALSITES Database: CALSITES

This historical database was maintained by the Department of Toxic Substance Control (DTSC) for more than a decade. CALSITES contains information on Brownfield properties with confirmed or potential hazardous contamination. In 2006, DTSC introduced EnviroStor as the latest Brownfields site database.

Government Publication Date: May 1, 2004

Hazardous Waste Management Program Facility Sites with Deed / Land Use Restrictions: HLUR

The Department of Toxic Substances Control (DTSC) Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Government Publication Date: Feb 18, 2021

Deed Restrictions and Land Use Restrictions: DEED

List of Deed Restrictions, Land Use Restrictions and Covenants in GeoTracker made available by the State Water Resources Control Board (SWRCB) in California's Environmental Protection Agency. A deed restriction (land use covenant) may be required to facilitate the remediation of past environmental contamination and to protect human health and the environment by reducing the risk of exposure to residual hazardous materials.

Government Publication Date: Nov 16, 2022

Voluntary Cleanup Program: VCP

List of sites in the Voluntary Cleanup Program made available by the Department of Toxic Substances and Control (DTSC). The Voluntary Cleanup Program was designed to respond to lower priority sites. Under the Voluntary Cleanup Program, DTSC enters site-specific agreements with project proponents for DTSC oversight of site assessment, investigation, and/or removal or remediation activities, and the project proponents agree to pay DTSC's reasonable costs for those services.

Government Publication Date: Feb 6, 2023

GeoTracker Cleanup Program Sites: CLEANUP SITES

A list of Cleanup Program sites in the state of California made available by The State Water Resources Control Board (SWRCB) of the California Environmental Protection Agency (EPA). SWRCB tracks leaking underground storage tank cleanups as well as other water board cleanups.

Government Publication Date: Nov 16, 2022

Delisted Cleanup Program Sites: DELISTED CLEANUP

A list of Cleanup Program sites which were once included - and have since been removed from - the list of Cleanup Program Sites in GeoTracker. GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Government Publication Date: Nov 16, 2022

Delisted County Records: DELISTED COUNTY

Records removed from county or CUPA databases. Records may be removed from the county lists made available by the respective county departments because they are inactive, or because they have been deemed to be below reportable thresholds.

Government Publication Date: Mar 8, 2023

Tribal

Leaking Underground Storage Tanks on Tribal/Indian Lands: INDIAN LUST

This list of leaking underground storage tanks (LUSTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Underground Storage Tanks on Tribal/Indian Lands: INDIAN UST

This list of underground storage tanks (USTs) on Tribal/Indian Lands in Region 9, which includes California, is made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Leaking Storage Tanks: DELISTED INDIAN LST

Leaking Underground Storage Tank (LUST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian LUST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

Delisted Tribal Underground Storage Tanks: DELISTED INDIAN UST

Underground Storage Tank (UST) facilities which once appeared on - and have since been removed from - the Regional Tribal/Indian UST lists made available by the United States Environmental Protection Agency (EPA).

Government Publication Date: Nov 23, 2022

County

Placer County - Site Mitigation List: SML PLACER

A list of active and inactive Site Clean-up Mitigation facilities in Placer County, provided by the County's Health and Human Services Department. This is not a complete list of contaminated sites in Placer County.

Government Publication Date: Apr 19, 2021

Placer County - CUPA Facilities List: CUPA PLACER

A list of facilities associated with various Certified Unified Program Agency (CUPA) programs in Placer County. This list is made available by Placer County Environmental Health which is designated CUPA for all areas of the county except for the City of Roseville.

Government Publication Date: Apr 19, 2021

Placer County - City of Roseville CUPA Facilities: CUPA ROSEVILLE

List of CUPA facilities for the City of Roseville, California. Maintained by the Roseville City Fire Department.

Government Publication Date: Dec 8, 2020

Additional Environmental Record Sources

Federal

Facility Registry Service/Facility Index: FINDS/FRS

The Facility Registry Service (FRS) is a centrally managed database that identifies facilities, sites, or places subject to environmental regulations or of environmental interest. FRS creates high-quality, accurate, and authoritative facility identification records through rigorous verification and management procedures that incorporate information from program national systems, state master facility records, and data collected from EPA's Central Data Exchange registrations and data management personnel. This list is made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Aug 18, 2022

Toxics Release Inventory (TRI) Program: TRIS

The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U. S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment. One of TRI's primary purposes is to inform communities about toxic chemical releases to the environment.

Government Publication Date: Aug 24, 2021

PFOA/PFOS Contaminated Sites: PFAS NPL

List of National Priorities List (NPL) and related Superfund Alternative Agreement (SAA) sites where PFOA or PFOS contaminants have been found in water and/or soil. The site listing is provided by the Federal Environmental Protection Agency (EPA).

Government Publication Date: Oct 4, 2022

Federal Agency Locations with Known or Suspected PFAS Detections: PFAS FED SITES

List of Federal agency locations with known or suspected detections of Per- and Polyfluoroalkyl Substances (PFAS), made available by the U.S. Environmental Protection Agency (EPA) in their PFAS Analytic Tools data. EPA outlines that these data are gathered from several federal entities, such as the Federal Superfund program, Department of Defense (DOD), National Aeronautics and Space Administration, Department of Transportation, and Department of Energy. Sites on this list do not necessarily reflect the source/s of contamination and detections do not indicate level of risk or human exposure at the site. Agricultural notifications in this data are limited to DOD sites only. At this time, the EPA is aware that this list is not comprehensive of all Federal agencies.

Government Publication Date: Jun 30, 2022

SSEHRI PFAS Contamination Sites: PFAS SSEHRI

This PFAS Contamination Site Tracker database is compiled by the Social Science Environmental Health Research Institute (SSEHRI) at Northeastern University. According to the SSEHRI, the database records qualitative and quantitative data from each known site of PFAS contamination, including timeline of discovery, sources, levels, health impacts, community response, and government response. The goal of this database is to compile information and support public understanding of the rapidly unfolding issue of PFAS contamination. All data presented was extracted from government websites, news articles, or publicly available documents, and this is cited in the tracker. Disclaimer: The source conveys this database undergoes regular updates as new information becomes available, some sites may be missing and/or contain information that is incorrect or outdated, as well as their information represents all contamination sites SSEHRI is aware of, not all possible contamination sites. This data is not intended to be used for legal purposes. Limited location details are available with this data. Access the following for the most current informations https://pfasproject.com/pfas-contamination-site-tr acker/

Government Publication Date: Dec 12, 2019

National Response Center PFAS Spills: ERNS PFAS

National Response Center (NRC) calls from 1990 to the most recent complete calendar year where there is indication of Aqueous Film Forming Foam (AFFF) usage. NRC calls may reference AFFF usage in the "Material Involved" or "Incident Description" fields. Data made available by the US Environmental Protection Agency (EPA). Disclaimer: dataset may include initial or misidentified incident data not yet validated or investigated by a federal/state response agency.

Government Publication Date: Feb 23, 2022

PFAS NPDES Discharge Monitoring: PFAS NPDES

This list of National Pollutant Discharge Elimination System (NPDES) permitted facilities with required monitoring for Per- and Polyfluoroalkyl (PFAS) Substances is made available via the U.S. Environmental Protection Agency (EPA)'s PFAS Analytic Tools. Any point-source wastewater discharger to waters of the United States must have a NPDES permit, which defines a set of parameters for pollutants and monitoring to ensure that the discharge does not degrade water quality or impair human health. This list includes NPDES permitted facilities associated with permits that monitor for Per- and Polyfluoroalkyl Substances (PFAS), limited to the years 2007 - present. EPA further advises the following regarding these data: currently, fewer than half of states have required PFAS monitoring for at least one of their permittees, and fewer states have established PFAS effluent limits for permittees. For states that may have required monitoring, some reporting and data transfer issues may exist on a state-by-state basis.

Government Publication Date: Feb 19, 2023

Perfluorinated Alkyl Substances (PFAS) from Toxic Release Inventory: PFAS TRI

List of Toxics Release Inventory (TRI) facilities at which the reported chemical is a Per- or polyfluorinated alkyl substance (PFAS) included in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances. The EPA's Toxics Release Inventory (TRI) is a database containing data on disposal or other releases of over 650 toxic chemicals from thousands of U.S. facilities and information about how facilities manage those chemicals through recycling, energy recovery, and treatment.

Government Publication Date: Aug 24, 2021

Perfluorinated Alkyl Substances (PFAS) Water Quality: PFAS WATER

The Water Quality Portal (WQP) is a cooperative service sponsored by the United States Geological Survey (USGS), the Environmental Protection Agency (EPA), and the National Water Quality Monitoring Council (NWQMC). This listing includes records from the Water Quality Portal where the characteristic (environmental measurement) is in the Environmental Protection Agency (EPA)'s consolidated PFAS Master List of PFAS Substances.

Government Publication Date: Jul 20, 2020

PFAS TSCA Manufacture and Import Facilities: PFAS TSCA

The US Environmental Protection Agency (EPA) issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) requiring facilities that manufacture or import chemical substances to report to EPA. This list is specific to TSCA Manufacture and Import Facilities with reported per- and poly-fluoroalkyl substances (PFAS). Data file made available by the EPA and includes CDR/Inventory Update Reporting data from 1998 up to 2020. EPA makes notes the following about these data: this data file includes production and importation data for chemicals identified in EPA's CompTox Chemicals Dashboard list of PFAS without explicit structures and list of PFAS structures in DSSTox. Note that some regulations have specific chemical structure requirements that define PFAS differently than the lists in EPA's CompTox Chemicals Dashboard. Reporting information on manufactured or imported chemical substance amounts should not be compared between facilities, as some companies claim Chemical Data Reporting Rule data fields for PFAS information as Confidential Business Information.

Government Publication Date: Jun 20, 2022

Hazardous Materials Information Reporting System: HMIRS

US DOT - Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Incidents Reports Database taken from Hazmat Intelligence Portal, U.S. Department of Transportation.

Government Publication Date: Sep 1, 2020

National Clandestine Drug Labs: NCDL

The U.S. Department of Justice ("the Department"), Drug Enforcement Administration (DEA), provides this data as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy.

Government Publication Date: Aug 30, 2022

Toxic Substances Control Act: TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The CDR enables EPA to collect and publish information on the manufacturing, processing, and use of commercial chemical substances and mixtures (referred to hereafter as chemical substances) on the TSCA Chemical Substance Inventory (TSCA Inventory). This includes current information on chemical substance production volumes, manufacturing sites, and how the chemical substances are used. This information helps the Agency determine whether people or the environment are potentially exposed to reported chemical substances. EPA publishes submitted CDR data that is not Confidential Business Information (CBI).

Government Publication Date: Apr 11, 2019

Hist TSCA: HIST TSCA

The Environmental Protection Agency (EPA) is amending the Toxic Substances Control Act (TSCA) section 8(a) Inventory Update Reporting (IUR) rule and changing its name to the Chemical Data Reporting (CDR) rule.
The 2006 IUR data summary report includes information about chemicals manufactured or imported in quantities of 25,000 pounds or more at a single site during calendar year 2005. In addition to the basic manufacturing information collected in previous reporting cycles, the 2006 cycle is the first time EPA collected information to characterize exposure during manufacturing, processing and use of organic chemicals. The 2006 cycle also is the first time manufacturers of inorganic chemicals were required to report basic manufacturing information.

Government Publication Date: Dec 31, 2006

FTTS Administrative Case Listing: FTTS ADMIN

An administrative case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

FTTS Inspection Case Listing: FTTS INSP

An inspection case listing from the Federal Insecticide, Fungicide, & Rodenticide Act (FIFRA) and Toxic Substances Control Act (TSCA), together known as FTTS. This database was obtained from the Environmental Protection Agency's (EPA) National Compliance Database (NCDB). The FTTS and NCDB was shut down in 2006.

Government Publication Date: Jan 19, 2007

Potentially Responsible Parties List: PRP

Early in the site cleanup process, the U.S. Environmental Protection Agency (EPA) conducts a search to find the Potentially Responsible Parties (PRPs). The EPA looks for evidence to determine liability by matching wastes found at the site with parties that may have contributed wastes to the site. This listing contains PRPs, Noticed Parties, at sites in the EPA's Superfund Enterprise Management System (SEMS).

Government Publication Date: Jan 25, 2023

State Coalition for Remediation of Drycleaners Listing: SCRD DRYCLEANER

The State Coalition for Remediation of Drycleaners (SCRD) was established in 1998, with support from the U.S. Environmental Protection Agency (EPA) Office of Superfund Remediation and Technology Innovation. Coalition members are states with mandated programs and funding for drycleaner site remediation. Current members are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin. Since 2017, the SCRD no longer maintains this data, refer to applicable state source data where available.

Government Publication Date: Nov 08, 2017

Integrated Compliance Information System (ICIS): ICIS

The U.S. Environmental Protection Agency's Enforcement and Compliance History Online system incorporates data from the Integrated Compliance Information System - National Pollutant Discharge Elimination System (ICIS-NPDES). ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the NPDES under the Clean Water Act. This data includes permit, inspection, violation and enforcement action information for applicable ICIS records.

Government Publication Date: Oct 15, 2022

Drycleaner Facilities: FED DRYCLEANERS

A list of drycleaner facilities from Enforcement and Compliance History Online (ECHO) data as made available by the U.S. Environmental Protection Agency (EPA), sourced from the ECHO Exporter file. The EPA tracks facilities that possess NAIC and SIC codes that classify businesses as drycleaner establishments.

Government Publication Date: Dec 11, 2022

Delisted Drycleaner Facilities: DELISTED FED DRY

List of sites removed from the list of Drycleaner Facilities (sites in the EPA's Integrated Compliance Information System (ICIS) with NAIC or SIC codes identifying the business as a drycleaner establishment).

Government Publication Date: Dec 11, 2022

Formerly Used Defense Sites: FUDS

Formerly Used Defense Sites (FUDS) are properties that were formerly owned by, leased to, or otherwise possessed by and under the jurisdiction of the Secretary of Defense prior to October 1986, where the Department of Defense (DOD) is responsible for an environmental restoration. The FUDS Annual Report to Congress (ARC) is published by the U.S. Army Corps of Engineers (USACE). This data is compiled from the USACE's Geospatial FUDS data layers and Homeland Infrastructure Foundation-Level Data (HIFLD) FUDS dataset.

Government Publication Date: Jul 12, 2022

Former Military Nike Missile Sites: FORMER NIKE

This information was taken from report DRXTH-AS-IA-83A016 (Historical Overview of the Nike Missile System, 12/1984) which was performed by Environmental Science and Engineering, Inc. for the U.S. Army Toxic and Hazardous Materials Agency Assessment Division. The Nike system was deployed between 1954 and the mid-1970's. Among the substances used or stored on Nike sites were liquid missile fuel (JP-4); starter fluids (UDKH, aniline, and furfuryl alcohol); oxidizer (IRFNA); hydrocarbons (motor oil, hydraulic fluid, diesel fuel, gasoline, heating oil); solvents (carbon tetrachloride, trichloroethylene, trichloroethane, stoddard solvent); and battery electrolyte. The quantities of material a disposed of and procedures for disposal are not documented in published reports. Virtually all information concerning the potential for contamination at Nike sites is confined to personnel who were assigned to Nike sites. During deactivation most hardware was shipped to depot-level supply points. There were reportedly instances where excess materials were disposed of on or near the site itself at closure. There was reportedly no routine site decontamination.

Government Publication Date: Dec 2, 1984

PHMSA Pipeline Safety Flagged Incidents: PIPELINE INCIDENT

A list of flagged pipeline incidents made available by the U.S. Department of Transportation (US DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA). PHMSA regulations require incident and accident reports for five different pipeline system types.

Government Publication Date: Mar 31, 2021

Material Licensing Tracking System (MLTS): MLTS

A list of sites that store radioactive material subject to the Nuclear Regulatory Commission (NRC) licensing requirements. This list is maintained by the NRC. As of September 2016, the NRC no longer releases location information for sites. Site locations were last received in July 2016.

Government Publication Date: May 11, 2021

Historic Material Licensing Tracking System (MLTS) sites: HIST MLTS

A historic list of sites that have inactive licenses and/or removed from the Material Licensing Tracking System (MLTS). In some cases, a site is removed from the MLTS when the state becomes an "Agreement State". An Agreement State is a State that has signed an agreement with the Nuclear Regulatory Commission (NRC) authorizing the State to regulate certain uses of radioactive materials within the State.

Government Publication Date: Jan 31, 2010

Mines Master Index File: MINES

The Master Index File (MIF) is provided by the United State Department of Labor, Mine Safety and Health Administration (MSHA). This file, which was originally created in the 1970's, contained many Mine-IDs that were invalid. MSHA removes invalid IDs from the MIF upon discovery. MSHA applicable data includes the following: all Coal and Metal/Non-Metal mines under MSHA's jurisdiction since 1/1/1970; mine addresses for all mines in the database except for Abandoned mines prior to 1998 from MSHA's legacy system (addresses may or may not correspond with the physical location of the mine itself); violations that have been assessed penalties as a result of MSHA inspections beginning on 1/1/2000; and violations issued as a result of MSHA inspections conducted beginning on 1/1/2000.

Government Publication Date: Aug 3, 2022

Surface Mining Control and Reclamation Act Sites: SMCRA

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by the Office of Surface Mining Reclamation and Enforcement (OSMRE) to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of Abandoned Mine Land (AML) impacts, as well as information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Government Publication Date: Aug 18, 2022

Mineral Resource Data System: MRDS

The Mineral Resource Data System (MRDS) is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references. This database contains the records previously provided in the Mineral Resource Data System (MRDS) of USGS and the Mineral Availability System/Mineral Industry Locator System (MAS/MILS) originated in the U.S. Bureau of Mines, which is now part of USGS. The USGS has ceased systematic updates of the MRDS database with their focus more recently on deposits of critical minerals while providing a well-documented baseline of historical mine locations from USGS topographic maps.

Government Publication Date: Mar 15, 2016

DOE Legacy Management Sites: LM SITES

The U.S. Department of Energy (DOE) Office of Legacy Management (LM) currently manages radioactive and chemical waste, environmental contamination, and hazardous material at over 100 sites across the U.S. The LM manages sites with diverse regulatory drivers (statutes or programs that direct cleanup and management requirements at DOE sites) or as part of internal DOE or congressionally-recognized programs, such as but not limited to: Formerly Utilized Sites Remedial Action Program (FUSRAP), Uranium Mill Tailings Radiation Control Act (UMTRCA Title I, Tile II), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), Resource Conservation and Recovery Act (RCRA), Decontamination and Decommissioning (D&D), Nuclear Waste Policy Act (NWPA). This site listing includes data exported from the DOE Office of LM's Geospatial Environmental Mapping System (GEMS). GEMS Data disclaimer: The DOE Office of LM makes no representation or warranty, expressed or implied, regarding the use, accuracy, availability, or completeness of the data presented herein.

Government Publication Date: Dec 1, 2022

Alternative Fueling Stations: ALT FUELS

This list of alternative fueling stations is sourced from the Alternative Fuels Data Center (AFDC). The U.S. Department of Energy's Office of Energy Efficiency & Renewable Energy launched the AFDC in 1991 as a repository for alternative fuel vehicle performance data, which provides a wealth of information and data on alternative and renewable fuels, advanced vehicles, fuel-saving strategies, and emerging transportation technologies. The data includes Biodiesel (B20 and above), Compressed Natural Gas (CNG), Electric, Ethanol (E85), Hydrogen, Liquefied Natural Gas (LNG), Propane (LPG) fuel type locations.

Government Publication Date: Jan 3, 2023

Superfunds Consent Decrees: CONSENT DECREES

This list of Superfund consent decrees is provided by the Department of Justice, Environment & Natural Resources Division (ENRD) through a Freedom of Information Act (FOIA) applicable file. This listing includes Consent Decrees for CERCLA or Superfund Sites filed and/or as proposed within the ENRD's Case Management System (CMS) since 2010. CMS may not reflect the latest developments in a case nor can the agency guarantee the accuracy of the data. ENRD Disclaimer: Congress excluded three discrete categories of law enforcement and national security records from the requirements of the FOIA; response is limited to those records that are subject to the requirements of the FOIA; however, this should not be taken as an indication that excluded records do, or do not, exist.

Government Publication Date: Jan 11, 2023

Air Facility System: AFS

This EPA retired Air Facility System (AFS) dataset contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners. AFS does not contain data on facilities that are solely asbestos demolition and/or renovation contractors, or landfills. ECHO Clean Air Act data from AFS are frozen and reflect data as of October 17, 2014; the EPA retired this system for Clean Air Act stationary sources and transitioned to ICIS-Air.

Government Publication Date: Oct 17, 2014

Registered Pesticide Establishments: SSTS

List of active EPA-registered foreign and domestic pesticide-producing and device-producing establishments based on data from the Section Seven Tracking System (SSTS). The Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) Section 7 requires that facilities producing pesticides, active ingredients, or devices be registered. The list of establishments is made available by the EPA.

Government Publication Date: Mar 30, 2022

Polychlorinated Biphenyl (PCB) Transformers: PCBT

Locations of Transformers Containing Polychlorinated Biphenyls (PCBs) registered with the United States Environmental Protection Agency. PCB transformer owners must register their transformer(s) with EPA. Although not required, PCB transformer owners who have removed and properly disposed of a registered PCB transformer may notify EPA to have their PCB transformer de-registered. Data made available by EPA.

Government Publication Date: Oct 15, 2019

Polychlorinated Biphenyl (PCB) Notifiers: PCB

Facilities included in the national list of facilities that have notified the United States Environmental Protection Agency (EPA) of Polychlorinated Biphenyl (PCB) activities. Any company or person storing, transporting or disposing of PCBs or conducting PCB research and development must notify the EPA and receive an identification number.

Government Publication Date: Nov 3, 2022

State

Dry Cleaning Facilities: DRYCLEANERS

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial, linen supply, commercial laundry, dry cleaning and pressing machines - Coin Operated Laundry and Dry Cleaning. This is provided by the Department of Toxic Substance Control.

Government Publication Date: Dec 20, 2021

Delisted Drycleaners: DELISTED DRYCLEANERS

Sites removed from the list of drycleaner related facilities that have EPA ID numbers, made available by the California Department of Toxic Substance Control.

Government Publication Date: Jan 31, 2022

Non-Toxic Dry Cleaning Incentive Program: DRYC GRANT

A list of grant recipients of the Non-Toxic Dry Cleaning Incentive Program made available by the California Air Resources Board (CARB). The program provides grants to eligible dry cleaning businesses to assist them in transitioning away from PERC machines to alternative non-toxic and non-smog forming technologies.

Government Publication Date: Jan 31, 2022

Per- and Polyfluoroalkyl Substances (PFAS): PFAS

List of FAA Part 139 Airports, Selected Landfills, and Chrome Plating Facilities from California Water Boards PFAS Investigations, as well as sites from the State Water Resources Control Board (SWRCB)'s GeoTracker at which one or more of the potential contaminants of concern are in the PFAS Master List of PFAS Substances made available by the Environmental Protection Agency (US EPA).

Government Publication Date: Feb 15, 2022

PFOA/PFOS Groundwater: PFAS GW

A list of water wells from the Groundwater Ambient Monitoring and Assessment Program (GAMA) Groundwater Information System with the groundwater chemical perfluorooctanoic acid (PFOA) (NL = 0.014 UG/L) or perfluorooctanoic sulfonate (PFOS) (NL = 0.013 UG/L). The GAMA Groundwater Information System search is made available by California Water Boards.

Government Publication Date: Feb 4, 2023

Hazardous Waste and Substances Site List - Site Cleanup: HWSS CLEANUP

The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements in providing information about the location of hazardous materials release sites. This list is published by California Department of Toxic Substance Control.

Government Publication Date: Nov 2, 2022

Toxic Pit Cleanup Act Sites: TOXIC PITS

The Toxic Pits Cleanup Act (TPCA) list identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. This list was maintained by the State Water Resources Control Board (SWRCB), is not longer maintained, and updates are not planned.

Government Publication Date: Jul 1, 1995

List of Hazardous Waste Facilities Subject to Corrective Action: DTSC HWF

This is a list of hazardous waste facilities identified in Health and Safety Code (HSC) § 25187.5. These facilities are those where Department of Toxic Substances Control (DTSC) has taken or contracted for corrective action because a facility owner/operator has failed to comply with a date for taking corrective action in an order issued under HSC § 25187, or because DTSC determined that immediate corrective action was necessary to abate an imminent or substantial endangerment.

Government Publication Date: Jul 18, 2016

EnviroStor Inspection, Compliance, and Enforcement: INSP COMP ENF

A list of permitted facilities with inspections and enforcements tracked by the California Department of Toxic Substance Control's (DTSC) EnviroStor data management system.

Government Publication Date: Oct 24, 2022

School Property Evaluation Program Sites: SCH

A list of sites registered with The Department of Toxic Substances Control (DTSC) School Property Evaluation and Cleanup (SPEC) Division. SPEC is responsible for assessing, investigating and cleaning up proposed school sites. The Division ensures that selected properties are free of contamination or, if the properties were previously contaminated, that they have been cleaned up to a level that protects the students and staff who will occupy the new school.

Government Publication Date: Feb 6, 2023

California Hazardous Material Incident Report System (CHMIRS): CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS). This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Aug 15, 2022

Historical California Hazardous Material Incident Report System (CHMIRS): HIST CHMIRS

A list of reported hazardous material incidents, spills, and releases from the California Hazardous Material Incident Report System (CHMIRS) prior to 1993. This list has been made available by the California Office of Emergency Services (OES).

Government Publication Date: Jan 1, 1993

Handlers from Hazardous Waste Manifest Data: HAZNET

A list of handlers not otherwise classified as Treatment, Storage, Disposal facilities (TSDF) or generators from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Oct 24, 2016

Generators from Hazardous Waste Manifest Data: HAZ GEN

List of handlers listed as having generated waste from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Dec 31, 2017

TSDF from Hazardous Waste Manifest Data: HAZ TSD

List of Treatment, Storage, and Disposal Facilities (TSDFs) from the facilities and manifests data made available by the California Department of Toxic Substances Control (DTSC) in their Hazardous Waste Tracking System (HWTS).

Government Publication Date: Dec 31, 2017

Historical Hazardous Waste Manifest Data: HIST MANIFEST

A list of historic hazardous waste manifests received by the Department of Toxic Substances Control (DTSC) from year the 1980 to 1992. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments.

Government Publication Date: Dec 31, 1992

DTSC Registered Hazardous Waste Transporters: HW TRANSPORT

The California Department of Toxic Substances Control (DTSC) maintains this list of Registered Hazardous Waste Transporters.

Government Publication Date: Dec 9, 2022

Registered Waste Tire Haulers: WASTE TIRE

This list of registered waste tire haulers is maintained by the California Department of Resources Recycling and Recovery.

Government Publication Date: Oct 11, 2022

California Medical Waste Management Program Facility List: MEDICAL WASTE

This list of Medical Waste Management Program Facilities is maintained by the California Department of Public Health. The Medical Waste Management Program (MWMP) regulates the generation, handling, storage, treatment, and disposal of medical waste by providing oversight for the implementation of the Medical Waste Management Act (MWMA). The MWMP permits and inspects all medical waste off-site treatment facilities, medical waste transporters, and medical waste transfer stations. This list contains transporters, treatment, and transfer facilities.

Government Publication Date: Oct 31, 2022

Historical Cortese List: HIST CORTESE

List of sites which were once included on the Cortese list. The Hazardous Waste and Substances Sites (Cortese) List is a planning document used by the State, local agencies and developers to comply with the California Environmental Quality Act requirements for providing information about the location of hazardous sites.

Government Publication Date: Nov 13, 2008

Cease and Desist Orders and Cleanup and Abatement Orders: CDO/CAO

The California Environment Protection Agency "Cortese List" of active Cease and Desist Orders (CDO) and Cleanup and Abatement Orders (CAO). This list contains many CDOs and CAOs that do NOT concern the discharge of wastes that are hazardous materials. Many of the listed orders concern, as examples, discharges of domestic sewage, food processing wastes, or sediment that do not contain hazardous materials, but the Water Boards' database does not distinguish between these types of orders.

Government Publication Date: Dec 6, 2021

California Environmental Reporting System (CERS) Hazardous Waste Sites: CERS HAZ

List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator. The CalEPA oversees the statewide implementation of the Unified Program which applies regulatory standards to protect Californians from hazardous waste and materials.

Government Publication Date: Feb 8, 2023

Delisted Environmental Reporting System (CERS) Hazardous Waste Sites: DELISTED HAZ

This database contains a list of sites that were removed from the California Environmental Protection Agency (CalEPA) in the following regulatory programs: Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, RCRA LQ HW Generator.

Government Publication Date: Nov 29, 2018

Sites in GeoTracker: GEOTRACKER

GeoTracker is the State Water Resource Control Boards' data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater. This is a list of sites in GeoTracker that aren't otherwise categorized as LUST, Land Disposal Sites (LDS), Cleanup Sites, or sites having Waste Discharge Requirements (WDR). This listing includes program types such as Underground Injection Control (UIC), Confined Animal Facilities (CAF), Irrigated Lands Regulatory Program, plans, and non-case information.

Government Publication Date: Nov 16, 2022

Mines Listing: MINE

This list includes mine site locations extracted from the Mines Online database, maintained by the California Department of Conservation. Mines Online (MOL) is an interactive web map designed with GIS features that provide information such as the mine name, mine status, commodity sold, location, and other mine specific data. Please note: Mine location information is provided to assist experts in determining the location of mine operators in accordance with California Civil Code section 1103.4 and reflects information reported by mine operators in annual reports provided under Public Resources Code section 2207. While the Division of Mine Reclamation (DMR) attempts to populate MOL with accurate location information, the DMR cannot guarantee the accuracy of operator reported location information.

Government Publication Date: Dec 19, 2022

Recorded Environmental Cleanup Liens: LIEN

The California Department of Toxic Substance Control (DTSC) maintains this list of liens placed upon real properties. A lien is utilized by the DTSC to obtain reimbursement from responsible parties for costs associated with the remediation of contaminated properties.

Government Publication Date: Aug 3, 2022

Waste Discharge Requirements: WASTE DISCHG

List of sites in California State Water Resources Control Board (SWRCB) Waste Discharge Requirements (WDRs) Program in California, made available by the SWRCB via GeoTracker. The WDR program regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Government Publication Date: Nov 16, 2022

Toxic Pollutant Emissions Facilities: EMISSIONS

A list of criteria and toxic pollutant emissions data for facilities in California made available by the California Environmental Protection Agency - Air Resources Board (ARB). Risk data may be based on previous inventory submittals. The toxics data are submitted to the ARB by the local air districts as requirement of the Air Toxics "Hot Spots" Program. This program requires emission inventory updates every four years.

Government Publication Date: Dec 31, 2020

Clandestine Drug Lab Sites: CDL

The Department of Toxic Substances Control (DTSC) maintains a listing of drug lab sites. DTSC is responsible for removal and disposal of hazardous substances discovered by law enforcement officials while investigating illegal/clandestine drug laboratories.

Government Publication Date: Jan 19, 2021

Tribal

No Tribal additional environmental record sources available for this State.

County

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Elevation: The elevation value is taken from the location at which the records for the site address have been plotted. All values are an approximation. Source: Google Elevation API.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

Unplottables: These are records that could not be mapped due to various reasons, including limited geographic information. These records may or may not be in your study area, and are included as reference.

APPENDIX E
OPERATIONS INFORMATION / REGULATORY FILE DOCUMENTS

SCS ENGINEERS

Groundwater Monitoring Well Destruction Report

Sunset Septage Receiving Facility Placer County, California

Presented to:

COUNTY OF Placer®

Department of Public Works and Facilities
Environmental Engineering Division
11476 C Avenue
Auburn, California 95603

Prepared by:

SCS ENGINEERS
3117 Fite Circle, Suite 108
Sacramento, California 95827
(916) 361-1297

September 28, 2017
File No. 01217206.00; Task 3

Offices Nationwide
www.scsengineers.com

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C Field Logs
D Photographs

CERTIFICATION

This *Groundwater Monitoring Well Destruction Report, Sunset Septage Receiving Facility, Placer County, California* was prepared under my direct supervision. I am a California Professional Geologist, pursuant to Section 7850 of the Business and Professional Code.

E. Wayne Pearce, P.G.
California Professional Geologist No. 4191
Vice President

Patrick Harms, G.I.T.
Project Geologist

1.0 INTRODUCTION

The Sunset Septage Receiving Facility (Site) is located west of Highway 65 in Rocklin, California (***Figure 1***). The site is owned and operated by the County of Placer (County) and was in operation between the mid 1960's to 1997. The site groundwater monitoring network included seven monitoring locations, four with both shallow and deep completions, for a total of eleven monitoring wells.

Placer County (County) recommended suspension of the Site's Waste Discharge Requirements (WDR; Order 5-01-016) in their December 2015 *Proposed Modifications to the Routine Groundwater Monitoring and Reporting Program (Report)*, submitted to the Central Valley Regional Water Quality Control Board (RWQCB). The RWQCB responded in a letter dated December 6, 2016, in which they requested submittal of a Work Plan for the destruction of the Site's groundwater monitoring wells as one of the conditions for rescinding the WDR. A Work Plan was submitted by the County on April 6, 2017. The Work Plan was accepted by RWQCB with conditions on May 12, 2017.

The eleven site groundwater monitoring wells were destroyed in accordance with the approved Work Plan and applicable County and City of Roseville regulations. The well destruction activities were performed on August 21 and 22, 2017, by Gulf Shore Construction Services, Inc. (Gulf Shore). An SCS geologist and a County representative were onsite during the well destruction activities. City and County permits and details of the well destruction activities are included in this report.

2.0 SITE BACKGROUND

The site is a former septage receiving facility that included three unlined septage ponds, operated from 1981 to 1997, and two unlined industrial wastewater ponds, operated from the mid 1960's to 1986. Prior to closure of the impoundments, sediments were removed from the ponds and soil samples were collected in 1999. The soil samples contained concentrations of inorganic constituents slightly in excess of background levels. The Site was closed in 2001 by grading to promote drainage and applying a cap consisting of an 18-inch thick low permeability layer and a 6-inch thick vegetative layer.

2.1 WELL CONSTRUCTION DETAILS

Groundwater monitoring wells were installed between 1994 and 1996 to monitor the three septage ponds that are regulated by the WDR. The monitoring wells included four dual completion wells (MW-2S/D through MW-5S/D) and three single completion wells (MW-1, MW-6, and MW-7). The completed well depths ranged from approximately 35 feet below the ground surface (ft bgs) to 127 ft bgs. The wells were constructed with 2-inch diameter schedule 40 PVC with machine slotted 0.020 screens. MW-1 was constructed with machine slotted 0.010 screen. Onsite wells MW-1, MW-3S/D, MW-4S/D, and MW-5S/D were completed with an above-grade 10-inch diameter steel monument with locking cap. MW-6 was completed with an 11-inch diameter steel casing and lid secured with three 0.5-inch bolts. The steel casing extended below grade to an unknown depth. Offsite well MW-7 was completed in a 10-inch diameter grade level traffic-rated steel well box, located on Cincinnati Avenue near the eastern shoulder. Background wells MW-2S/D were completed in a utility manhole with a 30-inch

diameter steel cover, located in a curb cutout in the northbound turn lane on Industrial Avenue, south of Veterans Drive. Well construction logs are included in ***Appendix A*** and details are summarized in ***Table 1***.

Initial sampling had indicated that the groundwater was impacted by elevated concentrations of inorganics. However, increases in inorganic concentrations were also observed in the background well (MW-2D), and were attributed to development upgradient of the Site. Inorganic concentrations have decreased over time and have been below calculated concentration limits during recent sampling events.

3.0 WELL DESTRUCTION DETAILS

3.1 PRE-FIELD ACTIVITIES

Prior to commencement of well destruction activities, well destruction permits were obtained from the City of Roseville Environmental Utilities Department (EUD) for MW-2S/D and from Placer County Environmental Health Services (EHS) for the remaining wells. An encroachment permit was also obtained from the City of Roseville Development Services for destruction of MW-2S/D, located in the shoulder of Industrial Avenue. An encroachment permit was not required for destruction of MW-7, located on Cincinnati Avenue, per the County. Copies of the well destruction permits and the encroachment permit are included in ***Appendix B***.

All well locations were marked with white marking paint and Underground Services Alert (USA) was notified at least two days prior to well destruction activities. No utility conflicts were indicated or observed.

3.2 WELL DESTRUCTION ACTIVITIES

On August 21 and 22, 2017, an SCS staff geologist observed Gulf Shore Construction Services, Inc. (Gulf Shore) perform well destruction activities at the Site, in accordance with the approved Work Plan and as directed by the local enforcement agencies. Gulf Shore is a C-57 licensed driller (lic. No. 964224) located in Rancho Cordova, California.

Prior to the commencement of field activities, a tailgate meeting was convened between SCS, Gulf Shore, and County personnel, in which the Site Specific Health and Safety Plan and scope of work were reviewed.

Dedicated pumps were pulled from wells that contained them (MW-1, MW-2D, MW-3D, MW-4D, MW-5D, MW-6, and MW-7) and were collected by County personnel. Well bottoms were tagged and compared to construction depths to ensure that no obstructions were present in the wells. Depth to water measurements were also collected using an electronic water level indicator. All shallow zone wells were observed to be dry. Well measurements are included in ***Table 1***. Photographs of well destruction activities are include in ***Appendix D***.

3.2.1 MW-1, MW-3S/D, MW-4S/D, MW-5S/D, and MW-6 Destruction Details

Well monuments were removed using the drilling rig winch and collected for disposal by Gulf Shore. Bentonite cement grout was mixed according to the manufacturer's instructions and pumped into the wells through a tremie pipe that extended to the bottom of each well. The tremie pipe was removed as the well casing was filled with grout. A tremie pipe is typically used to bottom fill the casing with grout so that the grout is placed below any water present in the well. A tremie pipe was not used in the dry shallow zone wells, with County EHS permission. Mike Di Pietro of Placer County EHS was onsite to observe grouting activities. Grout was then pumped into the well through a metal pipe fitted with a pressure gauge. The pipe was secured to the top of the well using the drilling rig. Grout was pumped until the pressure reached 20 pounds per square inch (psi), then a valve was closed and the pressure was held for five minutes. Additional grout was added if the pressure dropped below 20 psi during the five minute period.

After completion of pressure grouting, the well was drilled to five ft bgs using a 10-inch diameter hollow stem auger fitted with a solid bit. A grout cap of approximately 1-2 feet in thickness was placed in the borehole over the top of the well casing. The remaining borehole space was backfilled with clean soil to the ground surface.

An obstruction was observed in MW-3S when attempting to tag the bottom of the well. The obstruction was measured at 14.10 feet below the top of the well casing (ft btoc), which is above the top of the well screen (***Table 1***). County EHS approved destruction of the well by pressure grouting after a review of the borehole log indicated that the obstruction occurred during well construction and was confirmed by measurements collected during subsequent monitoring events.

The MW-6 monument was unable to be removed using the drilling rig. After grouting and excavating to 5 ft bgs, it was observed that the steel monument continued down the borehole to at least the excavation depth. With County EHS permission, the grout cap was emplaced in the borehole and a lid was placed over the top of the monument. The monument was cut one foot below grade on August 23, 2017 by County personnel and backfilled with clean soil to the ground surface.

3.2.2 MW-2 Destruction Details

Well MW-2S/D was located within a utility manhole in a cutout of the curb in the right turn lane on Industrial Avenue. Traffic control was established by Statewide Safety and Signs (Statewide) prior to commencing well destruction activities at MW-2S/D.

Bentonite cement grout was mixed according to the manufacturer's instructions and pumped into the deep well through a tremie pipe that extended to the bottom of the well. The tremie pipe was removed as the well casing was filled with grout. A tremie pipe was not used in the dry shallow zone well, with City of Roseville EUD permission. Orville Chatterton of the City of Roseville EUD was onsite to observe grouting activities. Grout was then pumped into the well through a metal pipe fitted with a pressure gauge. Grout was pumped until the pressure reached 20 psi, then a valve was closed and the pressure was held for five minutes. Additional grout was added if the pressure dropped below 20 psi during the five minute period. The well casings were left in place and the inner well box was filled with grout, with City of Roseville EUD permission.

After well destruction activities were completed at MW-2S/D, the USA markings were removed by pressure washing by High Heat Systems. The City of Roseville Development Services was notified of the marking removal, per the encroachment permit.

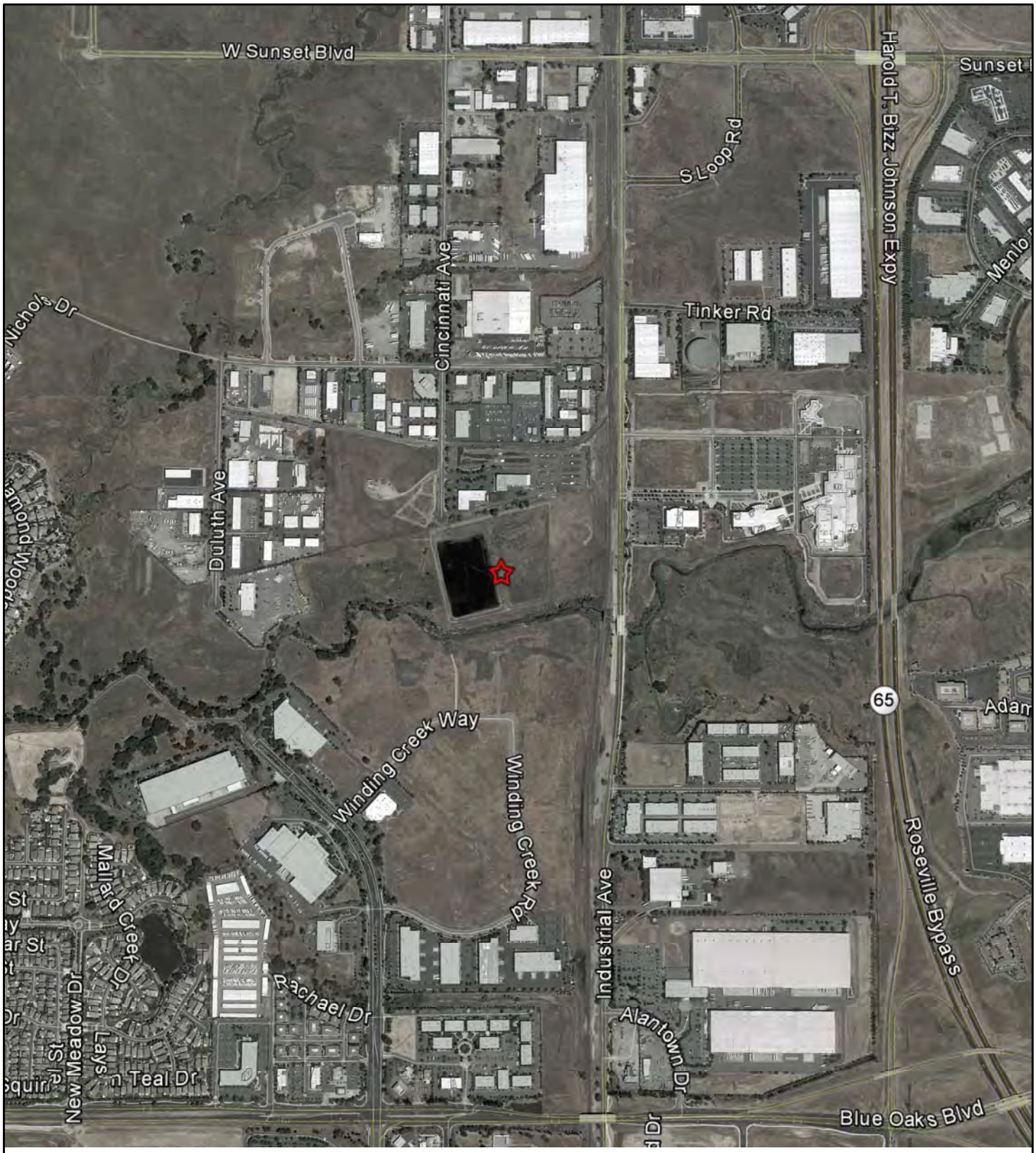
3.2.3 MW-7 Destruction Details

Well MW-7 was located in the shoulder of Cincinnati Avenue. Traffic control was established by Statewide in accordance with the Traffic Control Plan prior to commencing well destruction activities at MW-7.

Bentonite cement grout was mixed according to the manufacturer's instructions and pumped into the wells through a tremie pipe that extended to the bottom of each well. The tremie pipe was removed as the well casing was filled with grout. Mike Di Pietro of Placer County EHS was onsite to observe grouting activities. Grout was then pumped into the well through a metal pipe fitted with a pressure gauge. The pipe was secured to the top of the well using the drilling rig. Grout was pumped until the pressure reached 20 psi, then a valve was closed and the pressure was held for five minutes. Additional grout was added if the pressure dropped below 20 psi during the five minute period.

After completion of pressure grouting, the well was drilled to five ft bgs using an 8-inch diameter hollow stem auger fitted with a solid bit. The at-grade well box was removed by the auger during drilling and collected by Gulf Shore for disposal. The borehole was backfilled with grout and capped with concrete, dyed black to match the surrounding asphalt.

FIGURES



SCALE IN FEET

0 500 1000 1500

N

SCS ENGINEERS

ENVIRONMENTAL CONSULTANTS

7041 KNOLL CENTER PARKWAY
PLEASANTON, CALIFORNIA 94566
PH: (925) 426-0080 FAX: (925) 426-0707

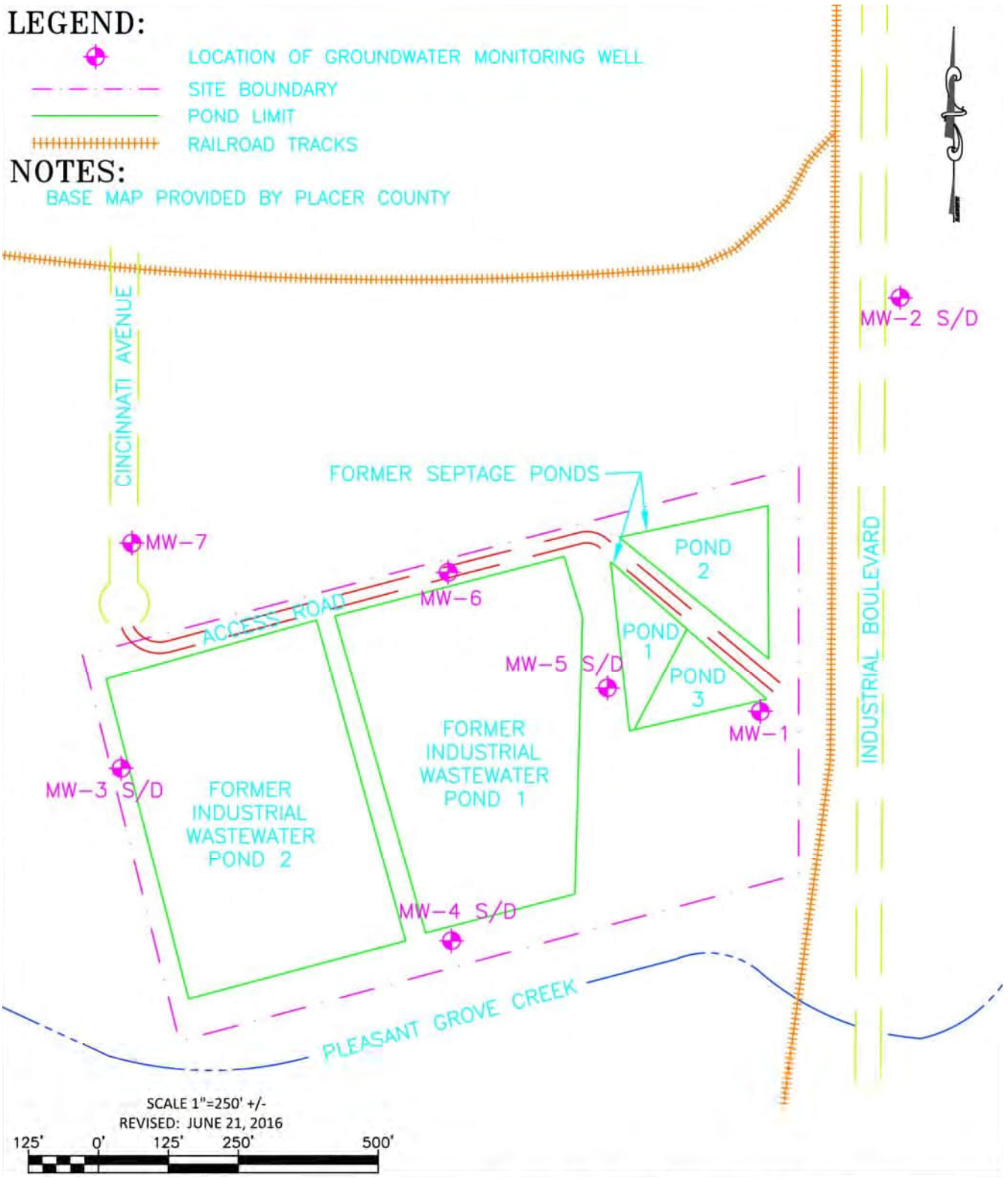
01217206.00	DWN. BY: PAH	ACAD FILE: N/A
9/8/17	CHK. BY: EWP	APP. BY: AAM

SHEET TITLE: REGIONAL MAP

PROJECT TITLE: SUNSET SEPTAGE RECEIVING FACILITY
PLACER COUNTY, CA

SCALE: AS SHOWN

FIGURE NO. 1



SOURCE: AEG, SEMI-ANNUAL GROUNDWATER MONITORING REPORT, FIRST HALF 2017

SCS ENGINEERS ENVIRONMENTAL CONSULTANTS 7041 KNOLL CENTER PARKWAY PLEASANTON, CALIFORNIA 94566 PH: (925) 426-0080 FAX: (925) 426-0707	SHEET TITLE: SITE MAP WITH MONITORING NETWORK		SCALE: AS SHOWN
	PROJECT TITLE: SUNSET SEPTAGE RECEIVING FACILITY PLACER COUNTY, CA		FIGURE NO. 2
01217206.00	DWN. BY: PAH	ACAD FILE: N/A	
9/8/17	CHK. BY: EWP	APP. BY: AAM	

APPENDIX F
CREDENTIALS

Santiago Calderon Sierra

Assistant Geologist

PROFESSIONAL EXPERIENCE

Santiago Calderon Sierra is an Assistant Geologist in Terracon's Sacramento Office. He has experience in conducting Phase I Environmental Site Assessments (ESAs), and Limited Site Investigations (LSIs).

PROJECT EXPERIENCE

Limited Site Investigations

Assistant Geologist for LSI work. Field work for soils classification, environmental sample collection, laboratory data analysis, and report writing.

Undeveloped/Vacant/Agricultural ESAs – CA

Assistant Geologist for Environmental Site Assessments on several vacant and agricultural properties.

Retail/Commercial Building ESAs - CA

Assistant Geologist for Environmental Site Assessments on multi-tenant retail properties.

EDUCATION

Bachelor of Science, Geology.
California State University, Sacramento.

Associate of Science, Natural Science and Mathematics.
Napa Valley College

Associates of Science, Natural Science.
Napa Valley College

WORK HISTORY

Terracon Consultants, Inc., Assistant Geologist, July 2022 – Present

California State University, Sacramento, Research Assistant, 2020-2022

CERTIFICATIONS

40-hour OSHA HAZWOPER

Adult and Pediatric First Aid/CPR/AED, American Red Cross

Hilary Kane

Environmental Senior Staff Scientist

PROFESSIONAL EXPERIENCE

Hilary Kane is an Environmental Senior Staff Scientist in Terracon's Sacramento office. She is responsible for managing and executing Phase I Environmental Site Assessments (ESAs) and regulatory compliance projects in California and Nevada. She also assists in the investigation and analysis of laboratory analytical results for Limited Site Investigations (LSIs).

PROJECT EXPERIENCE

Phase I Environmental Site Assessments

Conducted and managed hundreds of Phase I ESAs for properties in California, Nevada, and various other states across the continental United States. Performed the necessary tasks to determine past and/or present land use and to locate possible sources of hazardous materials/wastes. Tasks include reviews of aerial photographs, fire insurance maps, topographic maps, historical city directories, and environmental database reports, site reconnaissance, personnel interviews, and file review with state and local agencies. Typical sites have included automotive facilities, fueling stations, recreational vehicle (RV) facilities, multi-family residential, warehouses, hospitals, military bases, restaurants, offices, retail, various other commercial facilities, industrial facilities, and agricultural and undeveloped land ranging up to 5,000 acres.

Limited Subsurface Investigations – California

Investigated environmental conditions in soils, groundwater, and soil vapor due to releases from a variety of sources, including service stations, dry cleaners, and a wide range of industrial and manufacturing operations. Skilled in data analysis, statistics, and compiling data for our California offices.

Regulatory Compliance – California and Nevada

Manages and assists with compliance projects relating to stormwater, California Winery Waste Discharge Order, compliance assessments, and spill prevention. Responsible for conducting or coordinating compliance inspections, completing and reviewing inspection reports, preparing Notices of Intent/Termination (NOI/NOT), compiling Annual Reports, reviewing compliance documentation with state and local agencies, and assisting in the development of Industrial and Construction Storm Water Pollution Prevention Plans (SWPPPs), Spill Prevention, Control, and Countermeasure (SPCC) plans, and Limited Environmental Compliance Assessments (LECAs).

EDUCATION

Bachelor of Science, Environmental Chemistry, University of California, Davis, 2018

Associates of Science, Math, Physics, and Chemistry, Cosumnes River College, 2016

REGISTRATIONS/ CERTIFICATIONS

40-Hour OSHA Hazardous Waste Operations and Emergency Response, Certificate No. 1903211273198

Qualified Compliance Inspector of Stormwater (QCIS)
Certificate No. e3eefc8a

AFFILIATIONS

American Chemical Society (ACS)

Commercial Real Estate Women (CREW), Board of Directors

Sacramento Society of Environmental Toxicology and Chemistry (SETAC), Northern California Regional Chapter

WORK HISTORY

Terracon Consultants Inc., Environmental Scientist, February 2019-Present

Bogle Vineyards and Winery Harvest Lab Technician, 2018

Waterhouse Lab, UC Davis, Research Assistant, 2017-2018

State of California, Department of General Services Printing Plant Redevelopment and Repurposing – Sacramento, California

Terracon provided environmental consulting services during the demolition and construction phases of the former State of California Department of General Services (DGS) Office of State Publishing (OSP) building and Facilities Maintenance Division (FMD) yard. The site consisted of one parcel totaling approximately 17.37 acres. Terracon conducted several environmental investigations that included a review of architectural drawings for the site and recent consultants' reports; a subsurface sampling of soil and groundwater; and geophysical surveys to map existing site utilities and locations of former underground storage tanks (USTs) and trash deposits. During demolition, Terracon oversaw the hazardous materials abatement performed for the OSP warehouse; the excavation and removal of the petroleum-impacted soils on the central portion of the site and lead-impacted soils on the southern portion of the site; and the removal of Transite piping identified during excavation activities. Subsequent to the completion of site demolition and grading, Terracon worked with the general contractor to prepare a closure report for submittal to the California Regional Water Quality Control Board (RWQCB) overseeing the Voluntary Cleanup Agreement. Ms. Kane composed Terracon's Excavation Closure Report, analyzed the soil data for comparison to environmental screening levels (ESLs), and performed a peer review of reports. She also prepared the report for submittal to the State agency by verifying that all information required by the site cleanup specifications document was included within the closure report.

Veterans Administration Medical Center

Ms. Kane prepared a Phase I ESA of the Veterans Administration Medical Center (VAMC) in Reno, Nevada that was developed during the 1940s. The work was being prepared to anticipate potential future impacts as a result of proposed seismic upgrades. The facility consisted of an approximately 12.5-acre site with twelve structures, ranging from single-story to six stories. Terracon was able to conduct the site reconnaissance during COVID conditions by limiting the site inspection to patient-free areas and potential areas of concern. Recognized environmental conditions (RECs) were separated from areas expected to be impacted by the seismic upgrades and others that the VAMC may need to investigate during future construction efforts.

TONY P. MIKACICH

DEPARTMENT MANAGER I | ENVIRONMENTAL SERVICES

PROFESSIONAL EXPERIENCE

Mr. Mikacich is a Professional Geologist in California and Environmental Department Manager in the firm with over 24 years experience managing complex environmental investigations and remediation programs for a variety of industrial, utility and energy-related facilities, military bases, petroleum retailers, and landfill sites in California, and Nevada. Mr. Mikacich's areas of specialty include site characterization, remediation, construction and treatment system oversight, delineation of groundwater contaminant plumes, solid waste characterization, hazardous materials decontamination, and the preparation of technical reports.

Mr. Mikacich also has significant experience in site remediation projects including commercial and retail projects of various sizes in different markets. Mr. Mikacich routinely interacts with state, federal and local regulatory agencies on behalf of clients in obtaining regulatory resolutions to environmental issues and compliance matters.

Mr. Mikacich also has experience in completing regulatory compliance permitting and providing environmental permitting assistance for numerous facilities.

Education
Bachelor of Science in Geology, California State University, Chico, 2000

Licenses
Professional Geologist – California #9918

Certifications
Nevada Certified Environmental Manager- #EM1859

OSHA HAZWOPER 40-hour certified (1999)

OSHA HAZWOPER 8-hour (current)

Work History
Terracon Consultants, Inc. Senior Geologist and Department Manager, March 2019-Present

Environmental Compliance Assessments and Monitoring:

Mr. Mikacich has managed numerous compliance assessment and monitoring projects for private, federal, and utility and energy-related clients. The scope of assessments performed includes assessments of such issues as air quality, groundwater, soil, wastewater generation, hazardous waste generation, and aboveground/underground storage tanks. The scope of compliance monitoring projects include groundwater, air quality, surface water quality, and soil. Mr. Mikacich has worked with industries including utility and energy-related facilities, commercial and industrial facilities, chemical manufacturing, petroleum retailers, and commercial real estate construction/development.

Gasoline Retailer – Multiple Sites in California and Nevada

Mr. Mikacich managed approximately 10 sites with an annual budget in excess of $500,000 located in both California and Nevada for a private client with a portfolio of more than 100 retail gasoline stations. Mr. Mikacich's key responsibilities included managing the groundwater monitoring and sampling, assessment, and remediation of site contaminants including BTEX and MTBE. Remedial designs included; dual-phase extraction, vapor extraction, air sparge, and groundwater pump and treat. Additional remedial actions have included Underground Injection Permits for the application of peroxide. Mr. Mikacich's responsibilities also included authoring conceptual site models, work plans, feasibility studies, CAP's, remedial design, treatment system installation, and O&M of remediation systems.

Former Gasoline Retailer – Isleton California

Mr. Mikacich is currently managing project activities that include the preparation of the scope of work and budget to perform a Limited Site Investigation (LSI) for a former gasoline retailer with a reported release from past operations. Mr. Mikacich was responsible for the preparation and application submittal to the California

Ophan Site Cleanup Fund to request financial support for future site assessment and potential remedial action. Mr. Mikacich continues to coorinated directly with Fund staff regarding the status of the application and acceptance into the Orphan Site Cleanup Fund.

Former Gasoline Retailer and Automotive Repair Shop – Stockton California

Mr. Mikacich is currently managing a project that included the preparation of the scope of work and budget to investigate an offsite LUST case and a former onsite automotive repair shop for TPH, VOCs, and metals contaminants in soil and groundwater. A Limited Site Investigation (LSI) was performed at the site to investigate past site use and future redevelopment for a new convenience store and fuel station.

Former Dry Cleaners – Las Vegas, Nevada

Mr. Mikacich managed a former dry cleaner site which had an unauthorized release of tetrachloroethene (PCE) and trichloroethene (TCE) into the subsurface soil and groundwater. Mr. Mikacich's role included submitting a Corrective Action Plan (CAP) to the Nevada Division of Environmental Protection (NDEP) to address on-site contamination, which included expanding the current Dual-Phase Extraction (DPE) system, and a separate CAP and DPE system to address contaminants which migrated off-site and more than 1,800 feet down-gradient in groundwater. This project which had an annual budget of $300,000 involved the characterization of PCE and TCE, a feasibility study, pilot testing, design and installation of two remedial systems for the clean-up of on- and off-site contaminants. Mr. Mikacich was the primary point of contact to the client and regulatory agencies and was responsible for the implementation of the two CAPs. Mr. Mikacich's responsibilities included providing technical oversight and management of all on-going remediation and monitoring activities to ensure reporting was completed in accordance with all permits and regulatory requirements.

Site Assessment and Hazardous Materials Decontamination Program - Northern California Utility

Mr. Mikacich managed a program that focused on site assessment and decontamination and management of hazardous materials for the Utility to reduce environmental risk and insure worker safety. I was responsible for managing the assessment of approximately 50 sites which resulted in the hazardous materials decontamination of 20 of those sites from across all lines of business. Mr. Mikacich's key roles and responsibilities included managing; program-level cost proposals, budgets and invoicing, quality and work products, schedules, staffing, program team update meetings, and communications with the prime contractor and client. The program had an annual budget as high as $650,000.

Environmental Site Assessments:

Mr. Mikacich has managed due diligence investigations on property types ranging from commercial retail to manufacturing facilities. The investigations include identification of a variety of environmental hazards including hazardous substance and petroleum impacted soils and groundwater, chlorinated solvents, asbestos, PCBs, USTs and other regulatory concerns. Mr. Mikacich has performed or managed due diligence activities at sites in conformance with ASTM and USEPA guidelines and standards.

Mr. Mikacich has coordinated remedial investigation activities including work plan preparation, implementation and generation of final reports. He has been involved with the development of conceptual site models and corrective action designs to successfully remediate impacted sites. Managed Phase I & II investigative projects. These projects included a wide variety of compliance issues and required familiarity with state and

local hazardous waste management, water wells, fuel storage tanks, and groundwater and soil impact guidelines and regulations.

Sadie Bodiford
Project Manager
Environmental Due Diligence and Site Investigation

PROFESSIONAL EXPERIENCE
Ms. Bodiford is a Project Manager at Terracon's Sacramento, CA office. Ms. Bodiford has experience in conducting Phase I Environmental Site Assessments (ESAs), Limited Site Investigations (LSIs), large scale site investigations, and environmental compliance work.

PROJECT EXPERIENCE
Phase I Environmental Site Assessments – CA and NV
Project manager for hundreds of Phase I ESA projects including vacant land and agricultural properties ranging up to 1,000 acres; hospitals and medical office buildings; multi-tenant retail shopping centers; multi-tenant office building; warehouse; and, multi-family residential properties.

Limited Site Investigations – CA
Project Manager for LSI work. Field work for soils classification, installation of groundwater monitoring wells and soil and subslab vapor probes, environmental sample collection, laboratory data analysis and interpretation, and report writing.

Compliance Work – CA and OR
Prepared Industrial and Construction Stormwater Pollution Prevention Plans (SWPPP) and No-Exposure Certification (NEC) letters for construction sites and industrial and warehouse facilities. Submittal of SWPPP and SWPPP related documents to the California SMARTS database. Conducted stormwater compliance inspections for active construction sites. Prepared Spill Prevention Control and Countermeasure (SPCC) and Hazardous Material Business Plan (HMBP) documents for submittal to the California Environmental Reporting System (CERS) online database.

EDUCATION
Bachelor of Science, Earth and Planetary Sciences.
Minor: Physics.
University of California, Santa Cruz, 2012

WORK HISTORY
Terracon Consultants, Inc.,
Staff Scientist (2013-2018)
Senior Staff Scientist (2018-2021)
Project Manager (2021-present)

DuPont Pioneer, Lab Technician, 2013

CERTIFICATIONS
40-hour OSHA HAZWOPER, Certificate No. 2201035171164

Qualified Compliance Inspector of Stormwater (QCIS), Certificate No. e659e06c

State of California, Department of General Services (DGS) Printing Plant Redevelopment and Repurposing – Sacramento, CA
Terracon provided environmental consulting services during the demolition and construction phases of the former State of California Department of General Services (DGS) Office of State Publishing (OSP) building and Facilities Maintenance Division (FMD) yard. Terracon conducted several environmental investigations that included a review of architectural drawings for the site and recent consultants' Phase I and II ESA reports; subsurface sampling of soil, groundwater, and soil vapor; and geophysical surveys to map existing site utilities and locations of former underground storage tanks (USTs) and trash deposits associated with an unpermitted landfill. During demolition, Terracon oversaw the hazardous materials abatement performed for the OSP warehouse; the excavation and removal of the petroleum-impacted soils on the central portion of the site, excavation of lead-impacted soils on the southern portion of the site, and the removal of transite piping identified during excavation activities. After the completion of site demolition and grading, Terracon worked with the general contractor to prepare a closure report for submittal to the California Regional Water Quality Control Board (RWQCB) overseeing the Voluntary Cleanup Agreement. Terracon is working with DGS to obtain regulatory closure for the cleanup investigation overseen by the RWQCB. Ms. Bodiford assisted in Terracon's

2018-2022 fieldwork, data analysis, perform peer review of reports, managed the geospatial data for the project, and is working with RWQCB regulators towards closure.

Carquinez Middle School Removal Action – Crockett, CA
Terracon provided environmental consulting services to the John Swett Unified School District (JSUSD) for their Carquinez Middle School (CSM) campus located in Crockett, California. The JSUSD planned to fully renovate the CSM campus by developing a new school building and demolishing the previous school and band buildings located on the property. The school renovations required oversight by the Department of Toxic Substances Control (DTSC). Terracon assisted the JSUSD with the DTSC's environmental evaluation protocols. In 2017 to 2018, Terracon conducted a Phase I ESA of the property that was incorporated into a Preliminary Endangerment Assessment (PEA) Work Plan and PEA Report. The PEA fieldwork included soil and soil vapor sampling to evaluate potential impacts to the site identified in the Phase I ESA report. Lead impacts were identified in shallow soils and Terracon prepared a Removal Action Workplan (RAW). The Removal Action was completed and a draft Removal Action Completion Report was prepared on behalf of the JSUSD. The case was granted no further action by the DTSC in 2021. Ms. Bodiford assisted in all stages of the investigation from sampling fieldwork, report preparation, geospatial data interpolation, and project management.

Multi-Family Apartment Complex – Santa Clara, CA
Project manager for an LSI and remediation project conducted on a nine-building apartment complex in Santa Clara, California. The client was looking to secure funding to purchase a large portfolio of properties that included the site. A Phase I ESA prepared by another consultant identified off-site solvent releases that had the potential to impact the site. Terracon conducted soil, groundwater, and soil vapor sampling at the site and found concentrations of solvents in soil vapor indicative of a potential concern for vapor intrusion into the apartment buildings. Subslab vapor and indoor air sampling was conducted in 24 first-floor residential units and identified indoor air concentrations above residential land use screening levels. Terracon developed custom subslab vapor intrusion mitigation system (VIMS) engineering designs for each of the property's nine buildings. Terracon is working with the client to permit the VIMS with the Bay Area Air Quality Management District (BAAQMD). Terracon will oversee the VIMS installation and conduct quality control testing of the system once installed.

Oil Changing Facility – South Lake Tahoe, CA
Project manager for a Phase I ESA and LSI of an existing oil changing facility in South Lake Tahoe, California. The client planned to purchase the existing company and take over their lease of the property. The Phase I ESA identified the property was historically developed as a fueling station. Records for the decommissioning of the historical fueling station's underground fueling system were not identified during Terracon's Phase I ESA. A geophysical survey and LSI were conducted at the site to verify if remnants of the underground fueling system remained in place and if the historical fueling and ongoing oil changing operations had impacted the site. Remnants of the UST fuel piping were discovered during the geophysical survey; however, soil and groundwater sampling results identified limited impacts to the subsurface. The client was able to purchase the business and present Terracon's findings to the land owner, notifying them of the residual fuel piping component and subsurface impacts.

Former Food Production Facility – Orland, California
Project manager for a compliance project at a food production manufacturing facility in Orland, California. The facility operations ceased and the facility's Waste Discharge Requirement (WDR) permitting with the Central Valley Regional Water Quality Control Board (CVRWQCB) required closure. At the request of the CVRWQCB, Terracon prepared a Water Quality Assessment (WQA) report that summarized the facility's groundwater data collected between 2013 and 2019. The WQA demonstrated the facility's operations had not negatively affected groundwater quality. The CVRWQCB approved the WQA report and requested closure of the facility's wells. Terracon worked with the client to permit and oversee the destruction of six groundwater monitoring wells.

APPENDIX G
DESCRIPTION OF TERMS AND ACRONYMS

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
ACM	Asbestos Containing Material. Asbestos is a naturally occurring mineral, three varieties of which (chrysotile, amosite, crocidolite) have been commonly used as fireproofing or binding agents in construction materials. Exposure to asbestos, as well as ACM, has been documented to cause lung diseases including asbestosis (scarring of the lung), lung cancer and mesothelioma (a cancer of the lung lining). Regulatory agencies have generally defined ACM as a material containing greater that one (1) percent asbestos, however some states (e.g. California) define ACM as materials having 0.1% asbestos. In order to define a homogenous material as non-ACM, a minimum number of samples must be collected from the material dependent upon its type and quantity. Homogenous materials defined as non-ACM must either have 1) no asbestos identified in all of its samples or 2) an identified asbestos concentration below the appropriate regulatory threshold. Asbestos concentrations are generally determined using polarized light microscopy or transmission electron microscopy. Point counting is an analytical method to statistically quantify the percentage of asbestos in a sample. The asbestos component of ACM may either be friable or non-friable. Friable materials, when dry, can be crumbled, pulverized, or reduced to powder by hand pressure and have a higher potential for a fiber release than non-friable ACM. Non-friable ACM are materials that are firmly bound in a matrix by plastic, cement, etc. and, if handled carefully, will not become friable. Federal and state regulations require that either all suspect building materials be presumed ACM or that an asbestos survey be performed prior to renovation, dismantling, demolition, or other activities that may disturb potential ACM. Notifications are required prior to demolition and/or renovation activities that may impact the condition of ACM in a building. ACM removal may be required if the ACM is likely to be disturbed or damaged during the demolition or renovation. Abatement of friable or potentially friable ACM must be performed by a licensed abatement contractor in accordance with state rules and NESHAP. Additionally, OSHA regulations for work classification, worker training and worker protection will apply.
AHERA	Asbestos Hazard Emergency Response Act
AST	Aboveground Storage Tanks. ASTs are generally described as storage tanks less than 10% of which are below ground (i.e., buried). Tanks located in a basement, but not buried, are also considered ASTs. Whether, and the extent to which, an AST is regulated, is determined on a case-by-case basis and depends upon tank size, its contents and the jurisdiction of its location.
BGS	Below Ground Surface
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes. BTEX are VOC components found in gasoline and commonly used as analytical indicators of a petroleum hydrocarbon release.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act (a.k.a. Superfund). CERCLA is the federal act that regulates abandoned or uncontrolled hazardous waste sites. Under this Act, joint and several liability may be imposed on potentially responsible parties for cleanup-related costs.
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System. An EPA compilation of sites having suspected or actual releases of hazardous substances to the environment. CERCLIS also contains information onsite inspections, preliminary assessments and remediation of hazardous waste sites. These sites are typically reported to EPA by states and municipalities or by third parties pursuant to CERCLA Section 103.
CESQG	Conditionally Exempt Small Quantity Generators
CFR	Code of Federal Regulations

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
CREC	Controlled Recognized Environmental Condition is defined in ASTM E1527-13 as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority) , with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). A condition considered by the environmental professional to be a controlled recognized environmental condition shall be listed in the findings section of the Phase I Environmental Site Assessment report, and as a recognized environmental condition in the conclusions section of the Phase I Environmental Site Assessment report."
DOT	U.S. Department of Transportation
EPA	U.S. Environmental Protection Agency
ERNS	Emergency Response Notification System. An EPA-maintained federal database which stores information on notifications of oil discharges and hazardous substance releases in quantities greater than the applicable reportable quantity under CERCLA. ERNS is a cooperative data-sharing effort between EPA, DOT, and the National Response Center.
ESA	Environmental Site Assessment
FRP	Fiberglass Reinforced Plastic
Hazardous Substance	As defined under CERCLA, this is (A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title; (C) any hazardous waste having characteristics identified under or listed pursuant to section 3001 of the Solid Waste Disposal Act (with some exclusions); (D) any toxic pollutant listed under section 1317(a) of Title 33; (E) any hazardous air pollutant listed under section 112 of the Clean Air Act; and (F) any imminently hazardous chemical substance or mixture with respect to which the EPA Administrator has taken action under section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise listed as a hazardous substance under subparagraphs (A) through (F) above, and the term include natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).
Hazardous Waste	This is defined as having characteristics identified or listed under section 3001 of the Solid Waste Disposal Act (with some exceptions). RCRA, as amended by the Solid Waste Disposal Act of 1980, defines this term as a "solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may (A) cause, or significantly contribute to an increase in mortality or an increase in serious irreversible, or incapacitating reversible illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."
HREC	Historical Recognized Environmental Condition is defined in ASTM E1527-13 as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted residential use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations, institutional controls, or engineering controls). Before calling the past release a historical recognized environmental condition, the environmental professional must determine whether the past release is a recognized environmental condition at the time of the Phase I Environmental Site Assessment is conducted (for example, if there has been a change in the regulatory criteria). If the EP considers the past release to be a recognized environmental condition at the time the Phase I ESA is conducted, the condition shall be included in the conclusions section of the report as a recognized environmental condition."
IC/EC	A listing of sites with institutional and/or engineering controls in place. IC include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls. EC include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.
ILP	Innocent Landowner/Operator Program
LQG	Large Quantity Generators
LUST	Leaking Underground Storage Tank. This is a federal term set forth under RCRA for leaking USTs. Some states also utilize this term.

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
MCL	Maximum Contaminant Level. This Safe Drinking Water concept (and also used by many states as a ground water cleanup criteria) refers to the limit on drinking water contamination that determines whether a supplier can deliver water from a specific source without treatment.
MSDS	Material Safety Data Sheets. Written/printed forms prepared by chemical manufacturers, importers and employers which identify the physical and chemical traits of hazardous chemicals under OSHA's Hazard Communication Standard.
NESHAP	National Emissions Standard for Hazardous Air Pollutants (Federal Clean Air Act). This part of the Clean Air Act regulates emissions of hazardous air pollutants.
NFRAP	Facilities where there is "No Further Remedial Action Planned," as more particularly described under the Records Review section of this report.
NOV	Notice of Violation. A notice of violation or similar citation issued to an entity, company or individual by a state or federal regulatory body indicating a violation of applicable rule or regulations has been identified.
NPDES	National Pollutant Discharge Elimination System (Clean Water Act). The federal permit system for discharges of polluted water.
NPL	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.
OSHA	Occupational Safety and Health Administration or Occupational Safety and Health Act
PACM	Presumed Asbestos-Containing Material. A material that is suspected of containing or presumed to contain asbestos but which has not been analyzed to confirm the presence or absence of asbestos.
PCB	Polychlorinated Biphenyl. A halogenated organic compound commonly in the form of a viscous liquid or resin, a flowing yellow oil, or a waxy solid. This compound was historically used as dielectric fluid in electrical equipment (such as electrical transformers and capacitors, electrical ballasts, hydraulic and heat transfer fluids), and for numerous heat and fire sensitive applications. PCB was preferred due to its durability, stability (even at high temperatures), good chemical resistance, low volatility, flammability, and conductivity. PCBs, however, do not break down in the environment and are classified by the EPA as a suspected carcinogen. 1978 regulations, under the Toxic Substances Control Act, prohibit manufacturing of PCB-containing equipment; however, some of this equipment may still be in use today.
pCi/L	picoCuries per Liter of Air. Unit of measurement for Radon and similar radioactive materials.
PLM	Polarized Light Microscopy (see ACM section of the report, if included in the scope of services)
PST	Petroleum Storage Tank. An AST or UST that contains a petroleum product.
Radon	A radioactive gas resulting from radioactive decay of naturally-occurring radioactive materials in rocks and soils containing uranium, granite, shale, phosphate, and pitchblende. Radon concentrations are measured in picoCuries per Liter of Air. Exposure to elevated levels of radon creates a risk of lung cancer; this risk generally increases as the level of radon and the duration of exposure increases. Outdoors, radon is diluted to such low concentrations that it usually does not present a health concern. However, radon can accumulate in building basements or similar enclosed spaces to levels that can pose a risk to human health. Indoor radon concentrations depend primarily upon the building's construction, design and the concentration of radon in the underlying soil and ground water. The EPA recommended annual average indoor "action level" concentration for residential structures is 4.0 pCi/l.
RCRA	Resource Conservation and Recovery Act. Federal act regulating solid and hazardous wastes from point of generation to time of disposal ('cradle to grave"). 42 U.S.C. 6901 et seq.
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.
RCRA CORRACTS/TSDs	The USEPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous materials which are undergoing "corrective action". A "corrective action" order is issued when there is a release of hazardous waste or constituents into the environment from a RCRA facility.
RCRA Non-CORRACTS/TSDs	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
RCRA Violators List	RAATS. RCRA Administrative Actions Taken. RAATS information is now contained in the RCRIS database and includes records of administrative enforcement actions against facilities for noncompliance.
RCRIS	Resource Conservation and Recovery Information System, as defined in the Records Review section of this report.
REC	Recognized Environmental Conditions are defined by ASTM E1527-13 as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: 1) due to any release to the environment; 2) under conditions indicative of a release to the environment. *De minimis* conditions are not recognized environmental conditions."
SCL	State "CERCLIS" List (see SPL /State Priority List, below).
SPCC	Spill Prevention, Control and Countermeasures. SPCC plans are required under federal law (Clean Water Act and Oil Pollution Act) for any facility storing petroleum in tanks and/or containers of 55-gallons or more that when taken in aggregate exceed 1,320 gallons. SPCC plans are also required for facilities with underground petroleum storage tanks with capacities of over 42,000 gallons. Many states have similar spill prevention programs, which may have additional requirements.
SPL	State Priority List. State list of confirmed sites having contamination in which the state is actively involved in clean up activities or is actively pursuing potentially responsible parties for clean up. Sometimes referred to as a State "CERCLIS" List.
SQG	Small Quantity Generator
SWF/LF	State and/or Tribal database of Solid Waste/Landfill facilities. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.
TPH	Total Petroleum Hydrocarbons
TRI	Toxic Release Inventory. Routine EPA report on releases of toxic chemicals to the environment based upon information submitted by entities subject to reporting under the Emergency Planning and Community Right to Know Act.
TSCA	Toxic Substances Control Act. A federal law regulating manufacture, import, processing and distribution of chemical substances not specifically regulated by other federal laws (such as asbestos, PCBs, lead-based paint and radon). 15 U.S.C 2601 et seq.
USACE	United States Army Corps of Engineers
USC	United States Code
USGS	United States Geological Survey
USNRCS	United States Department of Agriculture-Natural Resource Conservation Service
UST	Underground Storage Tank. Most federal and state regulations, as well as ASTM E1527-13, define this as any tank, incl., underground piping connected to the tank, that is or has been used to contain hazardous substances or petroleum products and the volume of which is 10% or more beneath the surface of the ground (i.e., buried).
VCP	State and/or Tribal facilities included as Voluntary Cleanup Program sites.
VOC	Volatile Organic Compound

Description of Selected General Terms and Acronyms

Term/Acronym	*Description*
Wetlands	Areas that are typically saturated with surface or ground water that creates an environment supportive of wetland vegetation (i.e., swamps, marshes, bogs). The Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1) defines wetlands as areas inundated or saturated by surface or ground water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted for life in saturated soil conditions. For an area to be considered a jurisdictional wetland, it must meet the following criteria: more than 50 percent of the dominant plant species must be categorized as Obligate, Facultative Wetland, or Facultative on lists of plant species that occur in wetlands; the soil must be hydric; and, wetland hydrology must be present. The federal Clean Water Act which regulates "waters of the US," also regulates wetlands, a program jointly administered by the USACE and the EPA. Waters of the U.S. are defined as: (1) waters used in interstate or foreign commerce, including all waters subject to the ebb and flow of tides; (2) all interstate waters including interstate wetlands; (3) all other waters such as intrastate lakes, rivers, streams (including intermittent streams), mudflats, sandflats, wetlands, sloughs, prairie potholes, wet meadows, playa lakes, or natural ponds, etc., which the use, degradation, or destruction could affect interstate/ foreign commerce; (4) all impoundments of waters otherwise defined as waters of the U. S., (5) tributaries of waters identified in 1 through 4 above; (6) the territorial seas; and (7) wetlands adjacent to waters identified in 1 through 6 above. Only the USACE has the authority to make a final wetlands jurisdictional determination.

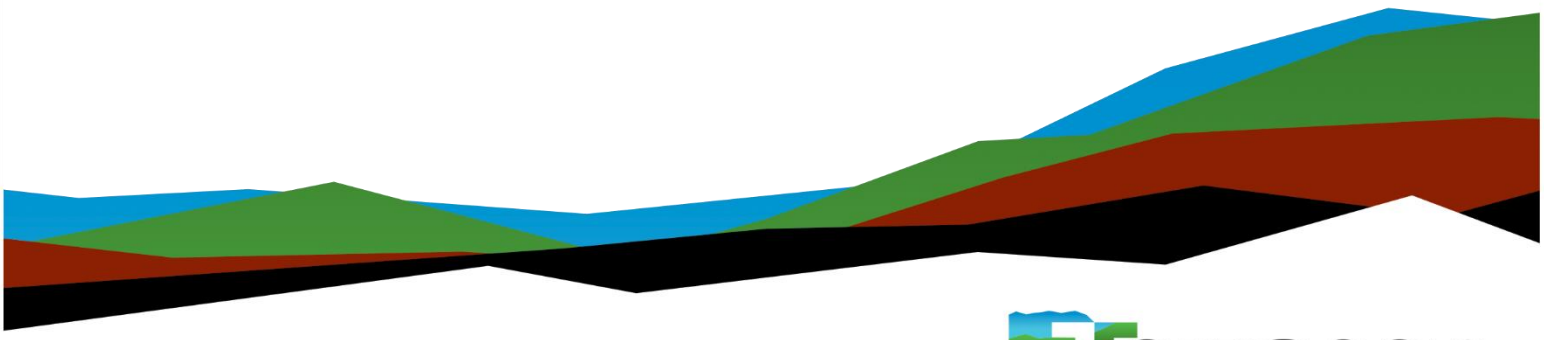
Foothills Commerce Center

Geotechnical Engineering Report

March 4, 2024 | Terracon Project No. NB235025

Prepared for:

Mark IV Capital, Inc.
1040 Winding Creek Rd, Suite 100
Roseville, CA 95678



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March 4, 2024

Mark IV Capital, Inc.
1040 Winding Creek Rd, Suite 100
Roseville, CA 95678

Attn: Ms. Joan Moses
P: (916) 367-7851
E: JMoses@markiv.com

Re: Geotechnical Engineering Report
Foothills Commerce Center
Foothills Blvd and Winding Creek Rd
Roseville, California
Terracon Project No. NB235025

Dear Ms. Moses:

We have completed the scope of Geotechnical Engineering services for the above referenced project in general accordance with Terracon Proposal No. PNB235025 dated September 14, 2023. This report presents the findings of the subsurface exploration and provides geotechnical recommendations concerning earthwork and the design and construction of foundations, floor slabs, and pavements for the proposed project.

We appreciate the opportunity to be of service to you on this project. If you have any questions concerning this report or if we may be of further service, please contact us.

Sincerely,

Terracon

Hailey Wagenman, E.I.T.
Staff Engineer

Garret S.H. Hubbart, P.E., G.E.
Regional Manager

Staysha P. Delgado, E.I.T.
Group Manager

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Note: This report was originally delivered in a web-based format. **Blue Bold** text in the report indicates a referenced section heading. The PDF version also includes hyperlinks which direct the reader to that section and clicking on the terracon logo will bring you back to this page. For more interactive features, please view your project online at **client.terracon.com**.

Refer to each individual Attachment for a listing of contents.

Report Summary

Topic [1]	Overview Statement [2]
Project Description	The project includes nine single-story warehouse buildings with office spaces and associated landscaping, pavements, and concrete flatwork. The warehouse buildings are assumed to have a maximum height of 50 feet and footprints ranging from approximately 51,500 square feet to 179,000 square feet in area. Estimated maximum loads: columns: 100 to 150 kips, wall loads: 6 to 8 kips/ft, slabs (live load): 500 psf, and slabs (dead load): 75 to 100 psf
Geotechnical Characterization	Subgrade soil conditions encountered in our borings generally consisted of interbedded layers of medium dense to very dense sand with variable amount of clay and very stiff to hard clay and silt with variable amounts of sand to the maximum depths explored varying from 21 feet to 51½ feet below the existing ground surface (bgs). Groundwater was observed between 10 feet and 20 feet bgs (approximate elevations 85 to 93 feet).
Earthwork	The site is relatively flat, hence cuts and fills on the order of 4 feet or less are anticipated to develop final grades. Clays are sensitive to moisture variation and should be moisture conditioned. Medium plasticity clays should not be used for slab on grade floor support. Minor excavation other than foundation construction and utility installation.
Shallow Foundations	Shallow foundations are recommended for building support. Allowable bearing pressure: ▪ 2,500 psf for footings bearing on firm undisturbed native soil or on a minimum 12 inches of compacted structural fill Expected settlements: < 1-inch total, < ½ -inch differential
Pavements	Pavement sections are provided for both rigid and flexible pavements, with subgrade prepared as noted in **Earthwork**.
General Comments	This section contains important information about the limitations of this geotechnical engineering report.

1. If the reader is reviewing this report as a pdf, the topics above can be used to access the appropriate section of the report by simply clicking on the topic itself.

2. This summary is for convenience only. It should be used in conjunction with the entire report for design purposes.

Introduction

This report presents the results of our subsurface exploration and Geotechnical Engineering services performed for the proposed Commerce Center to be located at Foothills Blvd and Winding Creek Rd in Roseville, California. The purpose of these services was to provide information and geotechnical engineering recommendations relative to:

- Subsurface soil conditions
- Groundwater conditions
- Seismic site classification per the 2022 California Building Code (CBC)
- Site preparation and earthwork
- Dewatering considerations
- Foundation design and construction
- Floor slab design and construction
- Lateral earth pressure
- Pavement design and construction
- Stormwater detention considerations
- Liquefaction potential

The geotechnical engineering Scope of Services for this project included the advancement of test borings, laboratory testing, engineering analysis, and preparation of this report.

Drawings showing the site and boring locations are shown on the **Site Location** and **Exploration Plan**, respectively. The results of the laboratory testing performed on soil samples obtained from the site during our field exploration are included on the boring logs and as separate graphs in the **Exploration Results** section.

Project Description

Our initial understanding of the project was provided in our proposal and was discussed during project planning. A period of collaboration has transpired since the project was initiated, and our final understanding of the project conditions is as follows:

Item	Description
Information Provided	An email request for proposal was provided by Joan Moses with Mark IV Capital, Inc. on March 22, 2023, providing a Conceptual Site Plan Scheme 6 dated December 19, 2022, and an FCC Parcel Lot Breakdown 230316 Map. An email was sent from Katharina Shultz with Mark IV on September 6, 2023, providing a Geotech Memo by HSA & Associated, Inc. dated September 5, 2023. On November 14, 2023, Ms. Shultz provided a biological study prepared by Helix Engineering for the project site.
Project Description	The project includes nine single-story warehouse buildings with office spaces and associated landscaping, pavements, and concrete flatwork.
Proposed Structure	The warehouse buildings are assumed to be single-story with a maximum height of 50 feet and footprints of approximately: ■ Building 1: 179,000 square feet ■ Building 2: 128,500 square feet ■ Building 3: 168,000 square feet ■ Building 4: 90,500 square feet ■ Building 5: 144,500 square feet ■ Building 6: 109,500 square feet ■ Building 7: 62,700 square feet ■ Building 8: 51,500 square feet ■ Building 9: 81,500 square feet
Building Construction	The warehouse buildings will be constructed using concrete tilt-up wall panels with interior steel framing and concrete slab-on-grade construction techniques. The building pad will consist of a dock high fill pad to accommodate the planned loading dock bays.
Finished Floor Elevation	Grading plans were not available for review at the time this report was prepared. We have assumed each building finished floor elevation will not be more than 4 feet below/above existing grade.

Item	Description
Maximum Loads	Anticipated structural loads were not provided. In the absence of information provided by the design team, we used the following anticipated loads in estimating settlement based on our experience with similar projects. ■ Columns: 100 to 150 kips (k) ■ Walls: 6 to 8 kips per linear foot (klf) ■ Slabs (live load): 500 pounds per square foot (psf) ■ Slabs (dead load): 75 to 100 psf
Grading/Slopes	A preliminary grading plan was not available for review at the time this report was prepared. We have assumed 4 feet or less of cut and fill may be required to develop final grade, excluding remedial grading requirements.
Below-Grade Structures	Site improvements are anticipated to include storm water drainage structures and associated buried utilities with an assumed maximum depth on the order of 5 to 6 feet below ground surface (bgs).
Free-Standing Retaining Walls	We have assumed the construction of retaining walls for the project will be limited to the building loading docks.

Item	Description
Pavements	Paved driveway and parking will be constructed as a part of the proposed development. We understand both rigid (concrete) and flexible (asphalt) pavement sections will be considered. The following ACI traffic categories and daily truck traffic categories were used for the design of rigid concrete pavements: ■ Category A: Car parking areas and access lanes, 10 truck per day ■ Category B: Entrance and truck service lanes, 25 trucks per day ■ Category C: Buses ■ Category D: Heavy duty trucks, 10 trucks per day ■ Category E: Garbage or fire truck lanes The following Traffic Indices (TIs) were used for the design of flexible asphalt pavements: ■ Auto Parking Areas: TI = 5.0 ■ Auto Road: TI = 5.5 ■ Truck Parking Areas: TI = 6.0 ■ Truck Ramps and Roads: TI = 8.0 The pavement design period is 20 years. The project civil engineer shall be afforded the opportunity to review traffic loading for the specific project and request any additional traffic indices needed.
Building Code	2022 California Building Code (CBC)

Terracon should be notified if any of the above information is inconsistent with the planned construction, especially the grading limits, as modifications to our recommendations may be necessary.

Site Conditions

The following description of site conditions is derived from our site visit in association with the field exploration and our review of publicly available geologic and topographic maps.

Item	Description
Parcel Information	The project is located across 10 lots located at Foothills Blvd and Winding Creek Rd in Roseville, California. Assessor Parcel Numbers (APN): 485-080-001, 485-080-002, 485-080-003, 485-080-004, 485-090-001, 485-090-002, 485-090-003, 485-090-004, 485-090-005, 017-250-058. The site is approximately 63.14 acres in area. Latitude and Longitude (approximate center of site): 38.8023°N, 121.3115°W See **Site Location**
Existing Improvements	The site currently consists of 10 undeveloped earthen lots. The site follows Winding Creek Rd with Foothills Blvd and existing developments to the west and south. Pleasant Grove Creek runs along the north end of the site with a rail line bordering the eastern side of the site. Two overhead line pathways and accompanying towers currently run through the project site: one through the approximate center running from northwest to southeast and one along the east portion of the site running from north to south.
Current Ground Cover	Earthen with light to moderate vegetation consisting of grasses and weeds. Two concrete pathways running north to south are in place in the northern portion of the site. One concrete pad located in the southern portion of the site.
Existing Topography	Based on a site review on Google Earth, the site topography is variable with up to about 15 feet of topographic relief across the entire site.

Geotechnical Characterization

We have developed a general characterization of the subsurface conditions based upon our review of the subsurface exploration, laboratory data, geologic setting, and our understanding of the project. This characterization, termed GeoModel, forms the basis of our geotechnical calculations and evaluation of the site. Conditions observed at each exploration point are indicated on the individual logs. The individual logs can be found in

the **Exploration Results** and the GeoModel can be found in the **Figures** attachment of this report.

As part of our analyses, we identified the following model layers within the subsurface profile. For a more detailed view of the model layer depths at each boring location, refer to the GeoModel.

Model Layer	Layer Name	General Description
1	**Sand with varying amounts of Silt and Clay**	Medium dense to very dense silty/clayey sand, poorly graded sand with silt/clay, and poorly graded sand.
2	**Clay and Silt with varying amounts of Sand**	Very stiff to hard sandy silt, sandy lean clay, silt with sand, lean clay with sand, and fat clay.
3	**Sand with varying amounts of Silt and Clay**	Loose clayey sand, poorly graded sand with silt and poorly graded sand.

Additional borings, auger probes, test pits, or geophysical testing could be performed to obtain more specific subgrade information.

Groundwater Conditions

Groundwater data obtained from the State of California's Department of Water Resources SGMA Data Viewer[1] indicates the depth to high groundwater is approximately 70 to 80 feet below ground surface according to groundwater measurements taken from a monitoring well located approximately 0.6 miles northeast of the site (Site Code: 388116N1213054W001). Given the distance of the noted monitoring well from the site, the presence of groundwater notes in our boreholes shall be referenced.

The boreholes were observed while drilling for the presence and level of groundwater. The water levels observed in the boreholes can be found on the boring logs in **Exploration Results** and are summarized below.

[1] https://sgma.water.ca.gov/webgis/?appid=SGMADataViewer#gwlevels; accessed January 18, 2024.

Boring Number	Approximate Depth to Groundwater while Drilling[1] (feet)
B2	10
B4	17
B6	12.5
B9	18
B10	18
B13	20
B16	19
B17	18.5
B19	17.75
B20	20

Due to caving and residual drill fluids in the boreholes, the after drilling groundwater depths were not collected. Since the borings were backfilled relatively soon after completion, the water levels summarized above for the borings are not stable groundwater levels. Due to the low permeability of soils encountered in the borings, a relatively long period may be necessary for a groundwater level to develop and stabilize in a borehole.

Groundwater conditions may change because of seasonal variations in rainfall, runoff, and other conditions not apparent at the time the borings were performed. Therefore, groundwater levels during construction or at other times in the life of the structure may be higher or lower than the levels indicated on the boring logs. The possibility of groundwater level fluctuations should be considered when developing the design and construction plans for the project. Long term observations in piezometers or observation wells sealed from the influence of surface water are often required to define groundwater levels in materials of this type. Long-term groundwater monitoring was outside the scope of services for this project. Terracon is experienced in installing groundwater monitoring wells/piezometers to provide more groundwater data prior to construction if required.

A preliminary groundwater level of 8 to 10 feet bgs may be used for planning purposes, however we recommend groundwater monitoring wells be installed and monitored seasonally to provide more groundwater depth data to be used in final design and construction.

Dewatering should be considered and planned for in proposed excavations if the excavations will extend within 3 feet of anticipated groundwater levels. The depth of dewatering below the bottom of excavations should be determined by the contractor and/or designer. Pump tests for dewatering were not included in the scope of work for this report. However, Terracon can perform pump tests for an additional fee, if desired.

Geologic Hazards

United States Geological Survey (USGS) maps[2] indicate subsurface conditions at the site consist of Pleistocene age (approximately 2,580,000 million years ago to 11,700 years ago) Middle Unit Riverbank Formation (Q_{r2}) consisting of interbedded layers of clays, silts, and sands. The subsurface conditions encountered in our investigation were generally consistent with the mapped geology.

Faulting and Estimated Ground Motions

The site is located in the northern area of California, which is a relatively moderate seismicity region. The type and magnitude of seismic hazards affecting the site are dependent on the distance to causative faults, the intensity, and the magnitude of the seismic event. Segments of the Cascadia Megathrust - whole CSZ Characteristic system, which is located approximately 228.93 kilometers from the site, are considered to have the most significant effect at the site from a design standpoint. A Mean Earthquake Magnitude of 6.64 may be considered for this site.

Based on the ASCE 7-16 Standard[3], the peak ground acceleration (PGA_M) at the subject site is approximately 0.269g. Based on the USGS 2014 interactive deaggregations[4], the PGA at the subject site for a 2% probability of exceedance in 50 years (return period of

[2]Helley, E.J., 1979, Preliminary geologic map of Cenozoic deposits of the Davis, Knights Landing, Lincoln, and Fair Oaks quadrangles, California, U.S. Geological Survey, Open-File Report OF-79-583, 1:62,500.

[3]*https://www.seismicmaps.org/; accessed January 18, 2024.*

[4]*https://earthquake.usgs.gov/hazards/interactive/; accessed January 18, 2024.*

2475 years) is expected to be about 0.282g. The site is not located within an Alquist-Priolo Earthquake Fault Zone based on our review of the State Fault Hazard Maps.[5]

Liquefaction

Liquefaction is a mode of ground failure that results from the generation of high pore water pressures during earthquake ground shaking, causing loss of shear strength. Liquefaction is typically a hazard where loose sandy soils or low plasticity fine grained soils exist below groundwater. The California Geological Survey (CGS) has designated certain areas within California as potential liquefaction hazard zones. These are areas considered at a risk of liquefaction-related ground failure during a seismic event, based upon mapped surficial deposits and the presence of a relatively shallow water table. The project site has not yet been mapped by the CGS for liquefaction hazards.

A liquefaction analysis for the site was not within the original scope of services, due to the anticipated groundwater depths noted from our cursory review of available groundwater data near the site. However, shallow groundwater was encountered during drilling operations on-site and one of the originally planned 20-foot-deep building borings was advanced to a depth of 50 feet in order to perform a liquefaction screening analysis to estimate the potential for liquefaction induced settlement at the project site.

Flooding

Based on a review of the Federal Emergency Management Agency (FEMA) National Flood Layer (NFHL)[6], the project site is not located within a mapped flood zone. The project site is in an area with a FEMA Flood Zone X designation which is determined to be an area of minimal flood hazard outside the 0.2 percent annual chance floodplain. However, the area directly north of the project site is mapped with a FEMA Flood Zone AE designation which is determined to be a special flood hazard area.

[5]California Geological Survey (CGS), *"California Earthquakes Hazards Zone Application (EQ Zapp)", September 23, 2021, https://maps.conservation.ca.gov/cgs/EQZApp/app/*.

[6]*https://www.arcgis.com/apps/webappviewer/index.html?id=8b0adb51996444d4879338b5529aa9cd; accessed January 18, 2024.*

Seismic Considerations

The 2022 California Building Code (CBC) Seismic Design Parameters have been generated using the SEAOC/OSHPD Seismic Design Maps Tool. This web-based software application calculates seismic design parameters in accordance with ASCE 7-16, and 2022 CBC. The 2022 CBC requires that a site-specific ground motion study be performed in accordance with Section 11.4.8 of ASCE 7-16 for Site Class D sites with a mapped S_s value greater than or equal 0.2.

However, Section 11.4.8 of ASCE 7-16 includes an exception from such analysis for specific structures on Site Class D sites. The commentary for Section 11 of ASCE 7-16 (Page 534 of Section C11 of ASCE 7-16) states that "In general, this exception effectively limits the requirements for site-specific hazard analysis to very tall and or flexible structures at Site Class D sites." Based on our understanding of the proposed structures, it is our assumption that the exception in Section 11.4.8 applies to the proposed structure. However, the structural engineer should verify the applicability of this exception.

Based on this exception, the spectral response accelerations presented below were calculated using the site coefficients (F_a and F_v) from Tables 1613.2.3(1) and 1613.2.3(2) presented in Section 16.4.4 of the 2022 CBC.

Description	Value
2022 California Building Code (CBC) Site Classification[1]	D-Default[2]
Risk Category	II
Site Latitude[3]	38.8023º
Site Longitude[3]	-121.3115º
S_S, Spectral Acceleration for a Short Period[4]	0.444
S_1, Spectral Acceleration for a 1-Second Period[4]	0.223
Fa, Site Coefficient	1.445
Fv, Site Coefficient (1-Second Period)	2.154
S_{DS}, Spectral Acceleration for a Short Period	0.427
S_{D1}, Spectral Acceleration for a 1-Second Period	0.320

Description	Value

1. Seismic site soil classification in general accordance with the *2022 California Building Code*, which refers to ASCE 7-16. Site Classification is required to determine the Seismic Design Category for a structure.
2. The Site Classification is based on the upper 100 feet of the site profile defined by a weighted average value of either shear wave velocity, standard penetration resistance, or undrained shear strength in accordance with Section 20.4 of ASCE 7-16 and the 2022 CBC. Subsurface explorations at this site were extended to a maximum depth of approximately 51½ feet bgs. The site properties below the maximum exploration depth to 100 feet were estimated based on our experience and knowledge of geologic conditions of the general area. Additional deeper exploration or geophysical testing may be performed to confirm the conditions below the current maximum depth of exploration.
3. Provided coordinates represent a point located at the general center of the site.
4. These values were obtained using online seismic design maps and tools provided by SEAOC and OSHPD (**https://seismicmaps.org/**).

Typically, a site-specific ground motion study may reduce construction costs. We recommend consulting with a structural engineer to evaluate the need for such a study and its potential impact on construction costs. Terracon should be contacted if a site-specific ground motion study is desired.

Liquefaction

We performed a liquefaction hazard evaluation in general compliance with the California Geological Survey (CGS) Special Publication 117A (2008); Southern California Earthquake Center "Recommended Procedures for Implementation of DMG Special Publication 117 Guidelines for Analyzing and Mitigating Liquefaction Hazards in California," 1999 report.

As recommended in the above reports, we performed a screening analysis to determine if there is a potential for liquefaction to occur at the site. We evaluated the soils encountered in our boring advanced to a maximum depth of 51.5 feet bgs. We evaluated these soils based on soil classification, corrected SPT blow counts, water content, Atterberg limits, groundwater elevation, shear strength, and peak ground acceleration. In our screening investigation we looked at the Atterberg limits for clay soils in the upper 50 feet of our soil borings. The Atterberg limits for these clay soils exhibited a liquid limit ranging from 35 to 58 and a plasticity index ranging from 15 to 32. We also calculated the ratio of the in-situ moisture content to the liquid limit. This data was then compared to the criteria by Idriss and Boulanger (2006) and Bray and Sancio (2006) for potential liquefaction or cyclic softening of fine-grained soils. The cohesive soils classify

as "clay-like" and non-liquefiable by Idriss/Boulanger. Additionally, due to the in-situ moisture content to the liquid limit being less than 85 percent in the cohesive soils, we believe the cohesive soils have a low susceptibility to liquefaction by Bray/Sancio. However, cohesionless soils were present in the soil profile that do have the potential for liquefaction. As a result, we performed a quantitative evaluation of the potential for liquefaction to occur considering the cohesionless soils only and the effects if liquefaction were to occur on this project. Based on the results of our analysis no potentially liquefiable soil layers are identified at this project site.

Percolation/Infiltration

We performed 3 percolation tests within the proposed site development for use by the project civil engineer in the design of the storm water retention system. The percolation tests were performed using borings P1, P2 and P3 drilled to a depth of about 10 feet bgs. The approximate locations of the test holes are shown on the **Exploration Plan**.

After drilling the test holes, we placed approximately 2 inches of gravel in the bottom of each hole, then placed a slotted PVC pipe in each hole, and filled the annular space around the pipe with gravel. The test holes were filled with water and left to saturate for a minimum 24 hours. Upon our arrival, holes P1, P2 and P3 had water columns of approximately 6.4 feet, 0.8 feet and 6.8 feet; respectively, in the hole. We then filled P2 to a water column of approximately 6.9 feet. To perform the tests, we measured the drop-in water surface over a period varying from approximately 15 to 30 minutes depending on the water absorption.

The measured percolation and infiltration rates are summarized in the following table.

Perc. Test Location	Depth (ft)	Avg. Head (ft)	Perc. Rate (min/inch)	Perc. Rate (inch/hr)	Infiltration Rate (inch/hr)
P1	10	6.5	106.3	0.57	0.01
P2	10	6.0	12.7	4.71	0.11
P3	10	7.3	75.0	0.80	0.01

Since we used test borings to perform percolation testing, we have used the Porchet formula (aka Inverse Borehole Formula) to calculate the test infiltration rate which takes into account sidewall area of the bore hole. Since our tests were performed using clean water, the storm water runoff may likely contain materials such as silt, leaves, oil residues, and other matter that may reduce the percolation characteristics of the soil. We therefore recommend that a filtration system be implemented into the design and installed. An appropriate safety factor should be applied to the measured infiltration

rates by the designer for use in design and be based on the amount of filtration designed into the system, at a minimum a Safety Factor of 2 shall be utilized. The values above are clear water rates and do not have a safety factor applied. In addition, we recommend a regular maintenance program be implemented to monitor the storm drainage/filtration system prior to the beginning of each wet weather season.

We have provided the following considerations for the design and construction of the retention/detention facilities. Planned retention/detention facilities should be located no closer than 10 feet to structural site improvements.

The long-term infiltration rates will depend on many factors, and can vary or be reduced if the following conditions are present:

- Fill placement,
- Variability of site soils,
- Fine layering of soils, or
- Maintenance and pre-treatment (filtration) of the influent are not performed regularly

Fill Placement: We anticipate earthwork required to develop the site may consist of cuts and fills of 4 foot or less. It is unknown whether final grades will consist of native material or imported fill. As a result, the percolation tests performed may not be representative of the final soil conditions depending on the blend of soils utilized as structural fill and native soils exposed where cuts and fills are made. Additional percolation testing may be warranted following rough grading to confirm the values utilized in design are appropriate.

Subsurface Soil Variation: Variations in subsurface soil conditions and the presence of fine layering can affect the infiltration rate of the receptor soils. Due to variation in thickness of the upper surface fine grained soils, infiltration rates may vary across the site.

Construction Considerations: The infiltration rate of the receptor soils will be reduced in the event that fine sediment, organic materials, and/or oil residue are allowed to accumulate in the retention facilities. The use of a filtration system is highly recommended as well as a maintenance program.

Operation of heavy equipment during construction may densify the receptor soils below the infiltration facility. The soils exposed in the bottom of the infiltration facility should not be compacted and should remain in their native condition. This may require scarification of the soils prior to construction.

Maintenance of Facilities: Satisfactory long-term performance of an infiltration facility will require some degree of maintenance. Accumulations of sediment, organic materials, or other material that serve to reduce their permeability of the receptor soils should be

removed from the filtration system on a regular basis so as not to enter the retention system. The filtration system shall have a rigorous maintenance program, debris from the filtration maintenance should be disposed of at an approved facility in accordance with applicable regulation.

Corrosivity

The table below lists the results of laboratory soluble sulfate, soluble chloride, electrical resistivity, and pH testing. The values may be used to estimate potential corrosive characteristics of the on-site soils with respect to contact with the various underground materials which will be used for project construction.

Corrosivity Test Results Summary

Boring	Sample Depth (feet)	Soil Description	Soluble Sulfate (%)	Soluble Chloride (%)	Electrical Resistivity (Ω-cm)	pH
B-8	3.5 - 4	Silty Sand	0.006	nil	2,100	7.36
B-21	3.5 - 4	Clayey Sand	0.003	0.001	2,500	6.86

Based on the results of the soluble sulfate testing the site lies within Class S0 in accordance with ACI 318 – Building Code Requirements for Structural Concrete. The sulfate test results indicate that the soil from borings B-8 and B-21 classifies as Class S0 according to Table 19.3.1.1 of ACI 318-14. This indicates that the sulfate severity is negligible when considering corrosion to concrete. ACI 318-14, Section 19.3 does not provided restrictions to the type of concrete used for Sulfate Class S0. The chloride test results indicate that the soil from borings B-8 and B-21 classifies as Class C0 according to Table 19.3.2.1 of ACI 318-14. This indicates that the chloride severity is negligible when considering corrosion to concrete. ACI 318-14, Section 19.3 does not provided restrictions to the type of concrete used for Sulfate Class C0. For further information and water classification, see ACI 318-14, Section 19.3.

Numerous sources are available to characterize corrosion potential to buried metals using the parameters above. ANSI/AWWA is commonly used for ductile iron, while threshold values for evaluating the effect on steel can be specific to the buried feature (e.g., piling, culverts, welded wire reinforcement, etc.) or agency for which the work is performed. Imported fill materials may have significantly different properties than the site materials noted above and should be evaluated if expected to be in contact with metals used for construction. Consultation with a NACE certified corrosion professional is recommended for buried metals on the site.

Mapping by the NRCS[7] includes qualitative severity of corrosion to concrete and steel. Based on this source, the near-surface materials are rated "Low" to "Moderate" for corrosion to concrete and "Moderate" for corrosion of steel.

Geotechnical Overview

The subject site has geotechnical considerations that will affect the construction and performance of the proposed improvements that are discussed in this report. The primary geotechnical consideration(s) that has/have been identified at the subject site that will affect development of the site are the following:

- Soft/Unstable subgrade potential
- Expansive soils
- Foundation and Slab Support Considerations

Soft/Unstable Subgrade Potential

Medium dense silty/clayey sand and sands clays were noted near the surface in some of our soil borings. These soils may become unstable when disturbed. During periods of dry weather, these soils may be stable upon initial exposure, however, these soils could become relatively loose and unstable under construction traffic and during wet weather. Furthermore, depending upon site conditions during construction, over-excavation, or stabilization of the subgrade and/or base of over-excavations may be needed to achieve a suitable working surface. Accordingly, we recommend that the owner budget for the possibility that over-excavation and/or stabilization may be required, and contractors be prepared to handle potentially unstable and conditions. Stabilization may consist of aerating/drying the soil, a composite section of aggregate base and geogrid, or chemical stabilization using high calcium quick lime or Portland cement.

Expansive Soils

Up to 4 feet of cut and fill may be required to achieve the desired finished site grades. These cuts and fills may result in removal of the near surface silty sand soils underlain by sandy lean clays and clayey sands as well as surface sandy clays in some area. The near surface clay soils encountered in the upper 5 feet of our borings have low to

[7] *https://websoilsurvey.nrcs.usda.gov/app/; accessed January 18, 2024.*

medium plasticity and should not be used to support floor slabs. Exploration P1 had a high plasticity clay below 5 feet. This report provides recommendations to help mitigate the effects of soil shrinkage and expansion. However, even if these procedures are followed, some movement and (at least minor) cracking in the structures should be anticipated. The severity of cracking and other damage such as uneven floor slabs will probably increase if modification of the site results in excessive wetting or drying of the expansive soils. Eliminating the risk of movement and distress may not be feasible, but it may be possible to further reduce the risk of movement if significantly more expensive measures are used during construction such as such as complete replacement of expansive soils, chemical stabilization using high calcium quick lime or Portland cement or supporting the improvements on deep foundations.

The near surface, very stiff to hard clays with variable amounts of sand could become unstable with typical earthwork and construction traffic, especially after precipitation events. The effective drainage should be completed early in the construction sequence and maintained after construction to avoid potential issues. If possible, the grading should be performed during the warmer and drier times of the year. If grading is performed during the winter months, an increased risk for possible undercutting and replacement of unstable subgrade will persist. Additional site preparation recommendations, including subgrade improvement and fill placement, are provided in the **Earthwork** section.

The soils in some areas across the site which form the bearing stratum for shallow foundations are plastic and exhibit potential for shrink-swell movements with changes in moisture. Additional areas of localized moderately to highly plastic soils may be present where borings were not performed. Maintaining above optimum moisture conditions in the bearing soils and a minimum dead load pressure on footings should reduce the anticipated swell movements to tolerable levels. The **Shallow Foundations** section addresses support of the buildings bearing on firm native soil or a minimum 12 inches of compacted structural fill. We do not expect significant dead load on the floors and recommend floor slabs be underlain by 18 inches of granular structural fill, native soil meeting the specifications for granular structural fill, or be chemically treated with high calcium quicklime or Portland cement to reduce the heave potential. Native soils meeting the structural fill specifications may be stockpiled for re-use in the upper 18 inches of the building pads. The **Floor Slabs** section addresses slab-on-grade support of the buildings using over-excavation techniques as necessary.

Foundation and Slab Support Considerations

Cuts and fills up to 4 feet may be required to facilitate development of the site. The proposed buildings may span areas of native soils and engineered fill. Damage is likely to occur in structures constructed over a native soil/fill transition and within areas that encountered varying densities within the near surface soils. The support characteristics

of the differing materials increase the risk that differential settlement may occur and cause damage to the structure. In order to reduce the potential for damage to the proposed building from differential settlement, we recommend the building **not** be partially supported on both the native soil and structural fill. We recommend spread footings bear completely on either firm native soil **or** a minimum 12 inches of compacted structural fill, **not both**. In addition, floor slabs that span native soil/fill transitions should be underlain by a minimum 18 inches of compacted non expansive structural fill. This may require the over-excavation of native soils in some areas.

The recommendations contained in this report are based upon the results of field and laboratory testing (presented in the **Exploration Results**), engineering analyses, and our current understanding of the proposed project. The **General Comments** section provides an understanding of the report limitations.

Earthwork

We anticipate grading may consist of cuts and fills on the order of 4 feet or less and that site grades will remain at the same elevation as existing. Specific site grading information was unavailable at the time this report was prepared. If elevation and site grading differ from our stated assumptions, Terracon should be contacted to determine if additional earthwork recommendations are warranted, particularly with regard to potential ground settlement.

Earthwork is anticipated to include demolition, clearing and grubbing, excavations, and engineered fill placement. The following sections provide recommendations for use in the preparation of specifications for the work. Recommendations include critical quality criteria, as necessary, to render the site in the state considered in our geotechnical engineering evaluation for foundations, floor slabs, and pavements.

Site Preparation

Prior to placing fill, existing vegetation, topsoil, and root mats should be removed. Complete stripping of the topsoil should be performed in the proposed building and parking/driveway areas. Stripping should extend laterally a minimum of 5 feet beyond the limits of proposed improvements.

Although no evidence of fill or underground facilities (such as septic tanks, cesspools, basements, and utilities) was observed during the exploration and site reconnaissance, such features could be encountered during construction. If unexpected fills or underground facilities are encountered, such features should be removed, and the excavation thoroughly cleaned prior to backfill placement and/or construction.

Subgrade Preparation

After clearing, any required cuts and over-excavation should be made.

Native soils that do not meet the specifications for granular structural fill should be over-excavated below floor slab areas to allow for the placement of at least 18 inches of granular structural fill below the floor slab. Additionally, in order to reduce the potential for damage to the proposed building from differential settlement, we recommend the building **not** be partially supported on both native soil and structural fill. If the building footprint will span over both native soil and structural fill, footing excavations should be over-excavated to allow for a minimum 12 inches of compacted structural fill below the footings and floor slab areas should be over-excavated to allow for a minimum 24 inches of compacted structural fill below floor slabs. This will likely require the over-excavation of native soils in some areas.

Once cuts and over-excavation operations are complete, the resulting subgrade should be proofrolled with an adequately loaded vehicle such as a fully-loaded tandem-axle dump truck. The proofrolling should be performed under the observation of the Geotechnical Engineer or their representative. Areas excessively deflecting under the proofroll should be delineated and subsequently addressed by the Geotechnical Engineer. Such areas should either be removed or modified by stabilizing as noted in the following section ***Soil Stabilization***. Excessively wet or dry material should either be removed, or moisture conditioned and recompacted.

Excavated material may be stockpiled for use as fill provided it is cleaned of organic material, debris, and any other deleterious material and meets the criteria for general or structural fill specified in the ***Fill Material Types*** section of this report.

Once proof rolling has been performed, all exposed areas which will receive fill, once properly cleared and benched where necessary, should be scarified, moisture conditioned as necessary, and compacted per the compaction requirements in this report. The depth of scarification of subgrade soils and moisture conditioning of the subgrade is highly dependent upon the time of year of construction and the site conditions that exist immediately prior to construction. If construction occurs during the winter or spring, when the subgrade soils are typically already in a moist condition, scarification and compaction may only be 8 inches. If construction occurs during the summer or fall when the subgrade soils have been allowed to dry out deeper, the depth of scarification and moisture conditioning may be as much as 18 inches or more. A representative from Terracon should be present to observe the exposed subgrade and confirm the depth of scarification and moisture conditioning required.

Following scarification, moisture conditioning, and compaction of the subgrade soils, compacted structural fill soils should then be placed to the proposed design grade and

the moisture content and compaction of subgrade soils should be maintained until foundation, slab, or pavement construction.

Due to the presence of groundwater being encountered as shallow as 10 feet bgs in our borings, the subgrade soil may be in an elevated moisture condition and compaction could require some drying before it can be compacted.

Based upon the subsurface conditions determined from the geotechnical exploration, subgrade soils exposed during construction are anticipated to be relatively workable; however, the workability of the subgrade may be affected by precipitation, repetitive construction traffic or other factors. If unworkable conditions develop, workability may be improved by scarifying and drying.

Excavation

We anticipate that shallow excavations for the proposed construction can be accomplished with conventional earthmoving equipment. Deeper excavations may encounter very dense/hard and cemented soils that could require relatively larger excavation equipment.

The bottom of excavations should be thoroughly cleaned of loose soils and disturbed materials prior to backfill placement and/or construction. Onsite soils may consist of cohesionless sandy soils. Such soils have the tendency to cave and slough during excavations. Therefore, formwork may be needed for foundation excavations.

Individual contractors are responsible for designing and constructing stable, temporary excavations. Excavations should be sloped or shored in the interest of safety following local, and federal regulations, including current OSHA excavation and trench safety standards.

Soil Stabilization

Methods of subgrade improvement, as described in this section, could include scarification, moisture conditioning and recompaction, removal of unstable materials and replacement with granular fill (with or without geosynthetics), and chemical stabilization. The appropriate method of improvement, if required, would be dependent on factors such as schedule, weather, the size of area to be stabilized, and the nature of the instability. More detailed recommendations can be provided during construction as the need for subgrade stabilization occurs. Performing site grading operations during warm seasons and dry periods would help reduce the amount of subgrade stabilization required.

If the exposed subgrade is unstable during proofrolling operations, it could be stabilized using one of the following methods:

Scarification and Recompaction - It may be feasible to scarify, dry, and recompact the exposed soils. The success of this procedure would depend primarily upon favorable weather and sufficient time to dry the soils. Stable subgrades likely would not be achievable if the thickness of the unstable soil is greater than about 1 foot, if the unstable soil is at or near groundwater, or if construction is performed during a period of wet or cool weather when drying is difficult.

Aggregate Base - The use of Caltrans Class II aggregate base is a common procedure to improve subgrade stability. Typical undercut depths would be expected to range from about 6 to 18 inches below finished subgrade elevation. The use of high modulus geosynthetics (i.e., engineering fabric or geogrid) could also be considered after underground work such as utility construction is completed. Prior to placing the fabric or geogrid, we recommend that all below grade construction, such as utility line installation, be completed to avoid damaging the fabric or geogrid. Equipment should not be operated above the fabric or geogrid until one full lift of aggregate base is placed above it. The maximum particle size of granular material placed over geotextile fabric or geogrid should meet the manufacturer's specifications.

Chemical Stabilization - Improvement of subgrades with Portland cement or quicklime could be considered for improving unstable soils. Chemical stabilization should be performed by a pre-qualified contractor having experience with successfully stabilizing subgrades in the project area on similar sized projects with similar soil conditions. The hazards of chemicals blowing across the site or onto adjacent property should also be considered. Additional testing would be needed to develop specific recommendations to improve subgrade stability by blending chemicals with the site soils. Additional testing could include, but not be limited to, determining the most suitable stabilizing agent, the optimum amounts required, and the presence of sulfates in the soil. If this method is chosen to stabilize subgrade soils the actual amount of high calcium quicklime/Portland cement to be used should be determined by Terracon and by laboratory testing **at least three weeks prior** to the start of grading operations.

Further evaluation of the need and recommendations for subgrade stabilization can be provided during construction as the geotechnical conditions are exposed.

Fill Material Types

Fill required to achieve design grade should be classified as structural fill and general fill. Structural fill is material used below, or within 5 feet of structures, pavements or hardscapes. General fill is material used to achieve grade outside of these areas.

Reuse of On-Site Soil: Excavated on-site soil may be selectively reused as general or structural fill. Portions of the on-site soil have an elevated fines content and will be sensitive to moisture conditions (particularly during seasonally wet periods) and may not be suitable for reuse when above optimum moisture content. Onsite silty sand material associated with GeoModel Layer 1 may be used as structural fill for slab support.

Material property requirements for on-site soil for use as general fill and structural fill are noted in the table below:

Property	General Fill	Structural Fill
Composition	Free of deleterious material	Free of deleterious material
Maximum particle size	6 inches (or 2/3 of the lift thickness)	3 inches
Fines content	Not limited	Less than 40% Passing No. 200 sieve
Plasticity	Not limited	Maximum plasticity index of 10 Expansion Index less than 20
GeoModel Layer Expected to be Suitable[1]	1, 2, 3	1

1. Based on subsurface exploration. Actual material suitability should be determined in the field at time of construction.

Imported Fill Materials: Imported fill materials should meet the following material property requirements. Regardless of its source, compacted fill should consist of approved materials that are free of organic matter and debris. For all import material, the contractor shall submit current verified reports from a recognized analytical laboratory indicating that the import has a "not applicable" (Class S0) potential for sulfate attack based upon current ACI criteria and is "mildly corrosive" to ferrous metal and copper. The reports shall be accompanied by a written statement from the contractor that the laboratory test results are representative of all import material that will be brought to the project.

Soil Type [1]	USCS Classification	Acceptable Parameters (for Structural Fill)
Low Plasticity Cohesive	CL,SC	Liquid Limit less than 30 Plasticity index of 10 or less Less than 65% passing the No. 200 sieve
Granular[2]	GW, GM, SM, SW	Less than 40% passing No. 200 sieve

1. Structural and general fill should consist of approved materials free of organic matter and debris and should contain no material larger than 3 inches and 6 inches in greatest dimension, respectively. A sample of each material type should be submitted to the Geotechnical Engineer for evaluation at least two weeks prior to use on this site.
2. Caltrans Class II aggregate base may be used for this material. Recycled aggregate base should not be used without prior approval by the Geotechnical Engineer.

Fill Placement and Compaction Requirements

Compacted native soil and structural and general fill should meet the following compaction requirements.

Item	Structural Fill	General Fill
Maximum Lift Thickness	8 inches or less in loose thickness when heavy, self-propelled compaction equipment is used 4 to 6 inches in loose thickness when hand-guided equipment (i.e. jumping jack or plate compactor) is used	Same as structural fill
Minimum Compaction Requirements [1,2]	95% of max. within 1 foot of finished pavement subgrade, for aggregate base and chemically treated soil, and for fills thicker than 5 feet 90% of max. for all other locations	90% of max.
Water Content Range [1]	Low plasticity cohesive: +1% to +3% above optimum Medium plasticity cohesive: +2% to +4% above optimum Granular: -2% to +2% of optimum	As required to achieve min. compaction requirements

Item	Structural Fill	General Fill

1. Maximum density and optimum water content as determined by the Modified Proctor test (ASTM D 1557).
2. If the granular material is a coarse sand or gravel, or of a uniform size, or has a low fines content, compaction comparison to relative density may be more appropriate. In this case, granular materials should be compacted to at least 70% relative density (ASTM D 4253 and D 4254). Materials not amenable to density testing should be placed and compacted to a stable condition observed full time by the Geotechnical Engineer or representative.

Utility Trench Backfill

Any soft or unsuitable materials encountered at the bottom of utility trench excavations should be removed and replaced with structural fill or bedding material in accordance with public works specifications for the utility be supported. This recommendation is particularly applicable to utility work requiring grade control and/or in areas where subsequent grade raising could cause settlement in the subgrade supporting the utility. Trench excavation should not be conducted below a downward 1:1 projection from existing foundations without engineering review of shoring requirements and geotechnical observation during construction.

On-site materials are considered suitable for backfill of utility and pipe trenches from 1 foot above the top of the pipe to the final ground surface, provided the material is free of organic matter and deleterious substances. Where trenches are placed beneath slabs or footings, the backfill should satisfy the gradation and Atterberg limit requirements for structural fill discussed in this report.

Trench backfill should be mechanically placed and compacted as discussed earlier in this report. Compaction of initial lifts should be accomplished with hand-operated tampers or other lightweight compactors. Flooding or jetting for placement and compaction of backfill is not recommended.

All trench excavations should be made with sufficient working space to permit construction including backfill placement and compaction. If utility trenches are backfilled with relatively clean granular material, they should be capped with at least 18 inches of cementitious flowable fill or cohesive fill in non-pavement areas to reduce the infiltration and conveyance of surface water through the trench backfill. Attempts should also be made to limit the amount of fines migration into the clean granular material. Fines migration into clean granular fill may result in unanticipated localized settlements over a period of time. To help limit the amount of fines migration, Terracon recommends the use of a geotextile fabric that is designed to prevent fines migration in areas of contact between clean granular material and fine-grained soils. Terracon also recommends that clean granular fill be tracked or tamped in place where possible in

order to limit the amount of future densification which may cause localized settlements over time.

For low permeability subgrades, utility trenches are a common source of water infiltration and migration. Utility trenches penetrating beneath the building should be effectively sealed to restrict water intrusion and flow through the trenches, which could migrate below the building. The trench should provide an effective trench plug that extends at least 5 feet from the face of the building exterior. The plug material should consist of cementitious flowable fill or low permeability clay. The trench plug material should be placed to surround the utility line. If used, the clay trench plug material should be placed and compacted to comply with the water content and compaction recommendations for structural fill stated previously in this report.

If chemical treatment of subgrade soils is performed, and occurs before utility construction, Controlled Low Strength Material (CLSM) or sand/cement slurry should be used as backfill material to cap utility trenches in all areas where trenches have cut through the treated subgrade. The thickness of the CLSM or slurry should be at least the thickness or depth of chemically treated subgrade. Below that depth, imported structural fill or moisture conditioned native clay may be used for backfill. Such areas trenched through chemically treated soil should not be backfilled with aggregate base, native soil, or disturbed chemically treated soil.

Post construction trenching through areas with geogrid shall be accomplished with conventional trenching equipment. Repairs to the trenched section shall be accomplished using a full structural replacement of the displaced materials or with a repaired section that is identical to the original section. If the trench section is repaired to match the original, the trench backfill must be compacted to the same or higher density and the geogrid must be over-lapped a minimum 3-inches at the proper geogrid elevation.

Grading and Drainage

All grades must provide effective drainage away from the building during and after construction and should be maintained throughout the life of the structure. Water retained next to the building can result in soil movements greater than those discussed in this report. Greater movements can result in unacceptable differential floor slab and/or foundation movements, cracked slabs and walls, and roof leaks. The roof should have gutters/drains with downspouts that discharge onto pavements or are tied to tight lines that discharge into a storm drain system.

Exposed ground should be sloped and maintained at a minimum 5 percent away from the building for at least 10 feet beyond the perimeter of the building. If a minimum 5 percent slope cannot be achieved due to site grades, a minimum 2½ percent slope could be used provided pavement or hardscape surrounds and extends to the building, or a

subdrain could be installed around the perimeter of the foundations that carries water away from the building. Locally, flatter grades may be necessary to transition ADA access requirements for flatwork. After building construction and landscaping have been completed, final grades should be verified to document effective drainage has been achieved. Grades around the structure should also be periodically inspected and adjusted, as necessary, as part of the structure's maintenance program. Where paving or flatwork abuts the structure, a maintenance program should be established to effectively seal and maintain joints and prevent surface water infiltration.

Any planters and bio-swales located within 10 feet of the building should be self-contained or lined with an impermeable membrane to prevent water from accessing subgrade soils below the building. Sprinkler mains and spray heads should be located a minimum of 5 feet away from the foundation lines.

No vegetation over six feet in height shall be planted within 20 feet of the building perimeter unless a root barrier is provided between the structure and tree to limit roots within 10 feet of building. Roots can draw additional moisture from the soils and cause excessive volume changes in the soil resulting in building movement.

Implementation of adequate drainage for this project can affect the surrounding developments. Consequently, in addition to designing and constructing drainage for this project, the effects of site drainage should be taken into consideration for the planned structures on this property, the undeveloped portions of this property, and surrounding sites. Extra care should be taken to ensure irrigation and drainage from adjacent areas do not drain onto the project site or saturate the construction area.

Earthwork Construction Considerations

Shallow excavations for the proposed structure are anticipated to be accomplished with conventional construction equipment. Upon completion of filling and grading, care should be taken to maintain the subgrade water content prior to construction of grade-supported improvements such as floor slabs, exterior hardscape, and pavements. Construction traffic over the completed subgrades should be avoided to the extent practical. The site should also be graded to prevent ponding of surface water on the prepared subgrades or in excavations. Water collecting over or adjacent to construction areas should be removed. If the subgrade should become desiccated, saturated, or is disturbed, the affected material should be removed, or the materials should be scarified, moisture conditioned, and recompacted prior to construction.

Groundwater was encountered as shallow as 10 feet bgs in our borings. The groundwater table could affect excavation efforts, especially for overexcavation and replacement of lower strength soils. A temporary dewatering system consisting of sumps with pumps may be necessary to achieve the recommended depth of excavation depending on groundwater conditions at the time of construction. **Dewatering should**

be considered and planned for in proposed excavations if the excavations will extend near the groundwater levels encountered during our field exploration. The depth of dewatering below the bottom of excavations should be determined by the contractor and/or designer. Pump tests for dewatering were not included in the scope of work for this report. However, Terracon can perform pump tests for an additional fee, if desired.

We recommend that the earthwork portion of this project be completed during extended periods of dry weather if possible. If earthwork is completed during the wet season (typically November through April) it may be necessary to take extra precautionary measures to protect subgrade soils. Wet season earthwork operations may require additional mitigation measures beyond that which would be expected during the drier summer and fall months. This could include ground stabilization utilizing chemical treatment of the subgrade, diversion of surface runoff around exposed soils, and draining of ponded water on the site. Once subgrades are established, it may be necessary to protect the exposed subgrade soils from construction traffic.

As a minimum, excavations should be performed in accordance with OSHA 29 CFR, Part 1926, Subpart P, "Excavations" and its appendices, and in accordance with any applicable local and/or state regulations. Stockpiles of soil, construction materials, and construction equipment should not be placed near trenches or excavations. ***The Contractor is responsible for maintaining the stability of adjacent structures during construction.***

Construction site safety is the sole responsibility of the contractor who controls the means, methods, and sequencing of construction operations. Under no circumstances shall the information provided herein be interpreted to mean Terracon is assuming responsibility for construction site safety or the contractor's activities; such responsibility shall neither be implied nor inferred.

Excavations or other activities resulting in ground disturbance have the potential to affect adjoining properties and structures. Our scope of services does not include review of available final grading information or consider potential temporary grading performed by the contractor for potential effects such as ground movement beyond the project limits. A preconstruction/ precondition survey should be conducted to document nearby property/infrastructure prior to any site development activity. Excavation or ground disturbance activities adjacent or near property lines should be monitored or instrumented for potential ground movements that could negatively affect adjoining property and/or structures.

Construction Observation and Testing

The earthwork efforts should be observed by the Geotechnical Engineer (or others under their direction). Observation should include documentation of adequate removal of

surficial materials (vegetation, topsoil, debris, and pavements), evaluation and remediation of existing fill materials, as well as proofrolling and mitigation of unsuitable areas delineated by the proofroll.

Each lift of compacted fill should be tested, evaluated, and reworked, as necessary, as recommended by the Geotechnical Engineer prior to placement of additional lifts. Each lift of fill should be tested for density and water content at a frequency of at least one test for every 2,500 square feet of compacted fill in the building areas and 5,000 square feet in pavement areas. Where not specified by local ordinance, one density and water content test should be performed for every 100 linear feet of compacted utility trench backfill and a minimum of one test performed for every 12 vertical inches of compacted backfill.

In areas of foundation excavations, the bearing subgrade should be evaluated by the Geotechnical Engineer. If unanticipated conditions are observed, the Geotechnical Engineer should prescribe mitigation options.

In addition to the documentation of the essential parameters necessary for construction, the continuation of the Geotechnical Engineer into the construction phase of the project provides the continuity to maintain the Geotechnical Engineer's evaluation of subsurface conditions, including assessing variations and associated design changes.

Shallow Foundations

The proposed nine commerce center buildings may be supported by spread footings. If the site has been prepared in accordance with the requirements noted in **Earthwork**, the following design parameters are applicable for shallow foundations.

Design Parameters – Compressive Loads

Item	Description
Maximum Net Allowable Bearing Pressure [1, 2]	2,500 psf
Required Bearing Stratum [3]	Firm, undisturbed native soil **or** a minimum 12 inches of compacted structural fill, but not both
Minimum Foundation Dimensions	Per CBC 1809.7
Maximum Foundation Dimensions	Continuous - 5 feet Columns - 8 feet
Passive Resistance [4, 8] **(equivalent fluid pressures)**	250 pcf (cohesive backfill) 350 pcf (granular backfill)

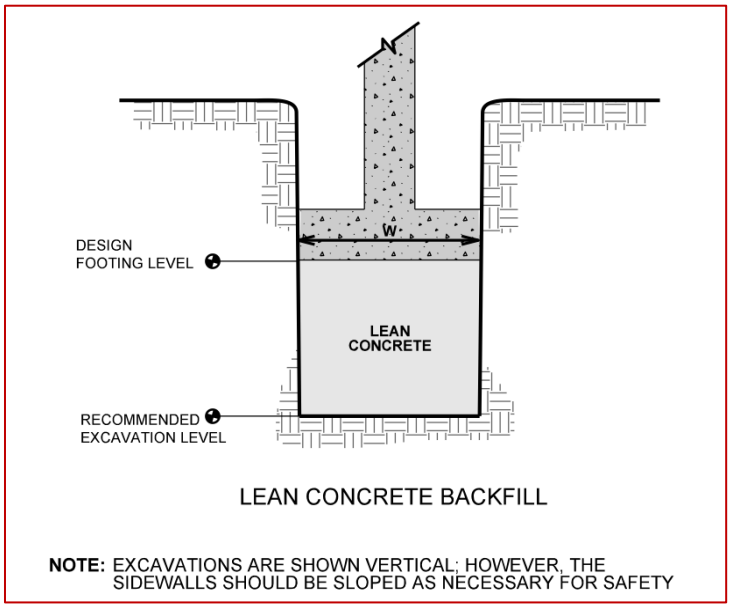
Item	Description
Sliding Resistance [5, 8]	130 psf allowable cohesion (native clay) 0.30 allowable coefficient of friction - granular material
Minimum Embedment below Finished Grade [6]	18 inches
Estimated Total Settlement from Structural Loads [2]	Less than about 1 inch
Estimated Differential Settlement [2, 7]	About ½ of total settlement

1. The maximum net allowable bearing pressure is the pressure in excess of the minimum surrounding overburden pressure at the footing base elevation. This bearing pressure can be increased by 1/3 for transient loads unless those loads have been factored to account for transient conditions. Values assume that exterior grades are no steeper than **20% within 10** feet of structure.
2. Values provided are for maximum loads noted in **Project Description**. Additional geotechnical consultation will be necessary if higher loads are anticipated.
3. Unsuitable or soft soils should be overexcavated and replaced per the recommendations presented in **Earthwork**.
4. Use of passive earth pressures require the sides of the excavation for the spread footing foundation to be nearly vertical and the concrete placed neat against these vertical faces or that the footing forms be removed and compacted structural fill be placed against the vertical footing face. Assumes no hydrostatic pressure.
5. Can be used to compute sliding resistance where foundations are placed on suitable soil/materials. Frictional resistance for granular materials is dependent on the bearing pressure which may vary due to load combinations. For fine-grained materials, lateral resistance using cohesion should not exceed ½ the dead load.
6. Embedment necessary to minimize the effects of seasonal water content variations. For sloping ground, maintain depth below the lowest adjacent exterior grade within 5 horizontal feet of the structure.
7. Differential settlements are noted for equivalent-loaded foundations and bearing elevation as measured over a span of 70 feet.
8. Passive Resistance and Sliding Resistance may be combined to resist sliding provided the Passive Resistance is reduced by 50 percent.

Foundation Construction Considerations

As noted in **Earthwork**, the footing excavations should be evaluated under the observation of the Geotechnical Engineer. The base of all foundation excavations should be free of water and loose soil, prior to placing concrete. Concrete should be placed soon after excavating to reduce bearing soil disturbance. Care should be taken to prevent wetting or drying of the bearing materials during construction. Excessively wet or dry material or any loose/disturbed material in the bottom of the footing excavations should be removed/reconditioned before foundation concrete is placed.

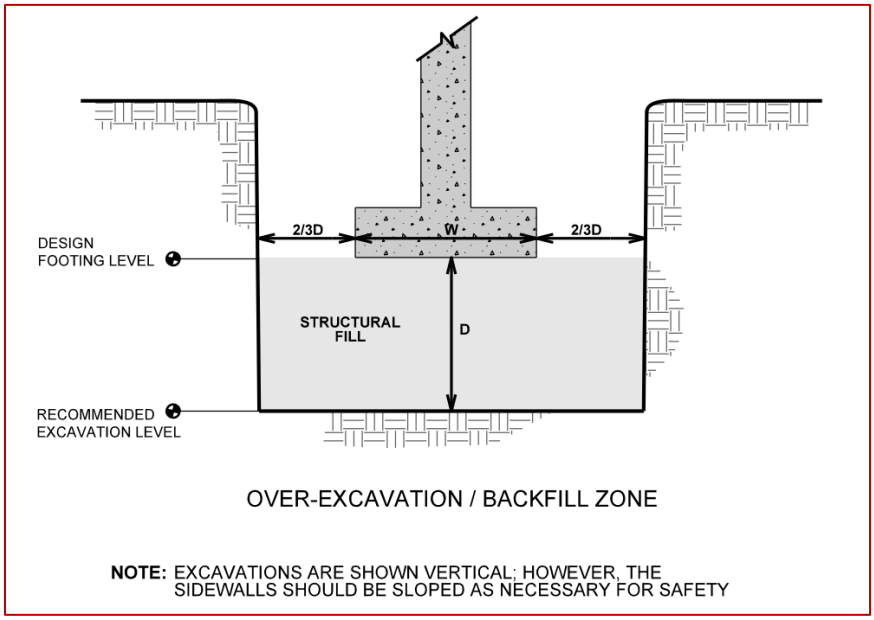
If unsuitable bearing soils are observed at the base of the planned footing excavation, the excavation should be extended deeper to suitable soils, and the footings could bear directly on these soils at the lower level or on lean concrete backfill placed in the excavations. The lean concrete replacement zone is illustrated on the following sketch.



LEAN CONCRETE BACKFILL

NOTE: EXCAVATIONS ARE SHOWN VERTICAL; HOWEVER, THE SIDEWALLS SHOULD BE SLOPED AS NECESSARY FOR SAFETY

Overexcavation for structural fill placement below footings should be conducted as shown in the following sketch. The overexcavation should be backfilled up to the footing base elevation, with structural fill placed, as recommended in the **Earthwork** section.



OVER-EXCAVATION / BACKFILL ZONE

NOTE: EXCAVATIONS ARE SHOWN VERTICAL; HOWEVER, THE SIDEWALLS SHOULD BE SLOPED AS NECESSARY FOR SAFETY

To ensure foundations have adequate support, special care should be taken when footings are located adjacent to trenches. The bottom of such footings should be at least 1 foot below an imaginary plane with an inclination of 1.5 horizontal to 1.0 vertical extending upward from the nearest edge of the adjacent trench.

Floor Slabs

Design parameters for floor slabs assume the requirements for **Earthwork** have been followed. Specific attention should be given to positive drainage away from the structure and positive drainage of the floor slab support course beneath the floor slab.

Some subgrade soils encountered in the upper 5 feet of our borings comprised of low to medium plasticity soils exhibiting the potential to shrink/swell with variations in water content. Construction of the floor slab, combined with revising site drainage creates the potential for gradual increased water contents within the soils. Increases in water content will cause the soils to swell and damage the floor slab. To reduce the potential effects of the low to medium plasticity soils on the building floor slab, at least the upper 18 inches of subgrade soils below the floor slab should consist of granular structural fill, native soil meeting the specifications for granular structural fill, or be chemically treated with high calcium quicklime or Portland cement.

Chemical treatment involves treating the subgrade soils with a certain percentage of high calcium quicklime, usually 3.5 to 5.5 percent based on the dry unit weight of the soil, for a depth of 18 inches. For estimating purposes, we recommend using 4.5 percent lime, and a soil unit weight of 110 pounds per cubic foot. For an 18-inch treatment depth, this results in an estimated minimum spread rate of 7.4 pounds per square foot lime. The actual amount of lime to be used should be determined by Terracon and by laboratory testing **at least three weeks prior** to the start of grading operations. Chemical treatment is performed after rough grading is completed. This procedure reduces the swell potential of the surface soils and creates a stable working platform on which construction can proceed. All chemical treatment operations should be observed by a representative of the project Geotechnical Engineer.

Due to the potential for significant moisture fluctuations of subgrade material beneath floor slabs supported at-grade, the Geotechnical Engineer should evaluate the material within 18 inches of the bottom of the structural granular fill or chemically treated zone immediately prior to placement of additional fill or floor slabs. In chemically treated areas, this can be accomplished by having the grading contractor excavate several test pits within the proposed construction areas prior to the start of grading operations to determine the moisture condition of the subgrade soils. A representative of the Geotechnical Engineer should be present during the excavation of these test pits and samples of the subgrade soils should be obtained for moisture content testing. Soils below the specified water contents within this zone should be moisture conditioned or replaced with structural fill as stated in our **Earthwork** section.

Cuts and fills up to 4 feet may be required to facilitate development. The proposed buildings may span areas of native soil and engineered fill. Damage is likely to occur in structures constructed over a native soil/fill transition. The support characteristics of the differing materials increase the risk that differential settlement may occur and cause damage to the building. In order to reduce the potential for damage the building from differential settlement, we recommend the building **not** be partially supported on both the native soil and structural fill. As a result, we recommend floor slabs that span native soil/fill transitions should be underlain by a minimum 24 inches of compacted granular structural fill. This will likely require over-excavation of native soils in some areas.

Floor Slab Design Parameters

Item	Description
Floor Slab Support[1]	Use 6 inches of Caltrans Class 2 aggregate base for warehouse or industrial floors. Use 4 inches of ¾ inch free draining rushed rock[3] for conditioned spaces or slabs with floor coverings. Subgrade compacted to the recommendations in **Earthwork**
Estimated Modulus of Subgrade Reaction [2]	175 pounds per square inch per inch (psi/in) for point loads

1. Floor slabs should be structurally independent of building footings or walls to reduce the possibility of floor slab cracking caused by differential movements between the slab and foundation.
2. Modulus of subgrade reaction is an estimated value based upon our experience with the subgrade condition, the requirements noted in **Earthwork**, and the floor slab support as noted in this table. It is provided for point loads. For large area loads the modulus of subgrade reaction would be lower.
3. Free-draining granular material should have less than 5% fines (material passing the No. 200 sieve). Other design considerations such as cold temperatures and condensation development could warrant more extensive design provisions.

It is common to reduce the k-value to account for dimensional effects of large, loaded areas. For such features, the value of K_c in the following formula is the corrected or design modulus value in units of psi/in, k is the value provided in the previous table, and b is the mat width (short dimension) or tributary loaded area measured in units of feet. Soft or unstable subgrade will be remediated by scarifying and re-compacting or by over-excavation and replacement. For sand subgrades, this can be estimated as:

$$K_c = k\left(\frac{b+1}{2b}\right)^2$$

For clay subgrades, this can be estimated as:

$$K_c = k(\frac{1}{b})$$

Terracon can provide refined estimates of K_c if provided more detailed information regarding the loads and application area to conduct settlement analysis.

The use of a vapor retarder should be considered beneath concrete slabs on grade covered with wood, tile, carpet, or other moisture sensitive or impervious coverings, when the project includes humidity-controlled areas, or when the slab will support equipment sensitive to moisture. When conditions warrant the use of a vapor retarder, the slab designer should refer to ACI 302 and/or ACI 360 for procedures and cautions regarding the use and placement of a vapor retarder. Common vapor retarder membranes used in the area consist of 15 mil Stego wrap with all seams and penetrations taped.

Saw-cut contraction joints should be placed in the slab to help control the location and extent of cracking. For additional recommendations, refer to the ACI Design Manual. Joints or cracks should be sealed with a waterproof, non-extruding compressible compound specifically recommended for heavy duty concrete pavement and wet environments.

Where floor slabs are tied to perimeter walls or turn-down slabs to meet structural or other construction objectives, our experience indicates differential movement between the walls and slabs will likely be observed in adjacent slab expansion joints or floor slab cracks beyond the length of the structural dowels. The Structural Engineer should account for potential differential settlement through use of sufficient control joints, appropriate reinforcing, or other means.

Floor Slab Construction Considerations

Finished subgrade, within and for at least 10 feet beyond the floor slab, should be protected from traffic, rutting, or other disturbance and maintained in a relatively moist condition until floor slabs are constructed. If the subgrade should become damaged or desiccated prior to construction of floor slabs, the affected material should be removed, and structural fill should be added to replace the resulting excavation. Final conditioning of the finished subgrade should be performed immediately prior to placement of the floor slab support course.

The Geotechnical Engineer should observe the condition of the floor slab subgrades immediately prior to placement of the floor slab support course, reinforcing steel, and concrete. Attention should be paid to high traffic areas that were rutted and disturbed earlier, and to areas where backfilled trenches are located.

Exterior Hardscape

In order to help protect the exterior hardscape against the swell pressure of the surficial medium plastic clayey soils encountered in some areas of the site, we recommend the subgrade soil below hardscapes consist of either native soil meeting the specifications for granular structural fill or 12 inches of compacted granular structural fill.

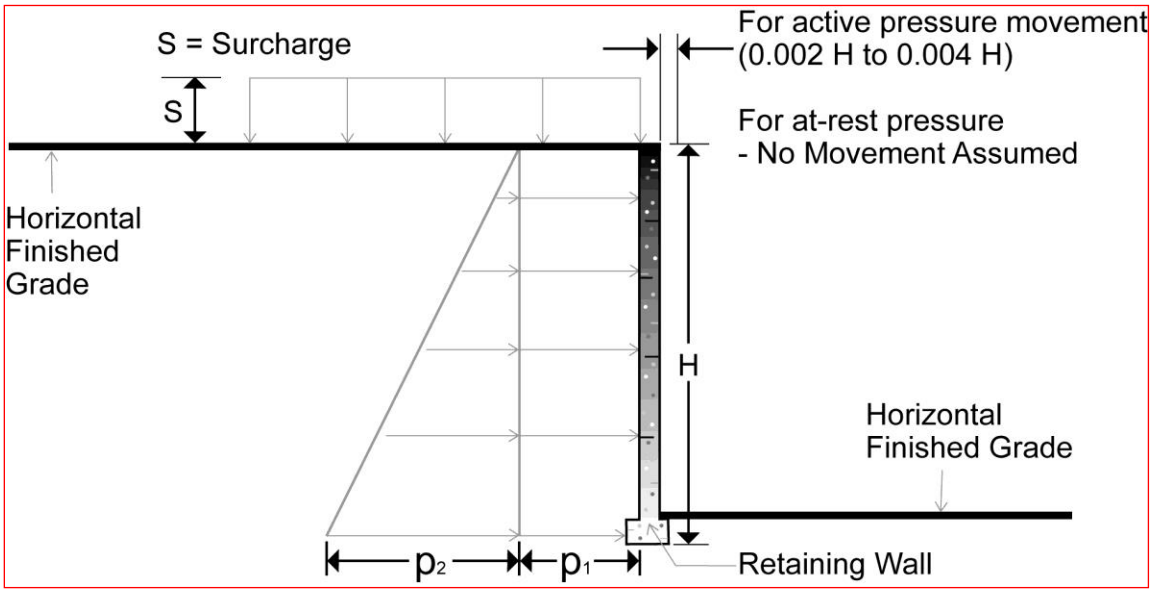
Exterior hardscape, exterior architectural features, and utilities may experience some movement due to the volume change of the subgrade soils. To reduce the potential for damage caused by movement, we recommend:

- Slabs should be underlain by either native soil meeting the specifications for granular structural fill or 12 inches of compacted granular structural fill;
- Minimizing moisture increases in the subgrade soils and backfill;
- Controlling moisture-density during placement of fill;
- Using designs which allow vertical movement between the exterior features and adjoining structural elements;
- Placing effective control joints on relatively close centers.
- Ensure clay subgrade soils are in a moist condition prior to engineered fill placement and slab construction.
- Reinforce exterior slabs and flatwork with a minimum No. 4 bars at 18 inches on center.

Lateral Earth Pressures

Design Parameters

We have assumed the construction of retaining walls for the project will be limited to the building loading docks and below grade vaults of less than 5 feet, however we have included recommendations and parameters for retaining walls greater than 6 feet as requested. Structures with unbalanced backfill levels on opposite sides should be designed for earth pressures at least equal to values indicated in the following table. Earth pressures will be influenced by structural design of the walls, conditions of wall restraint, methods of construction, and/or compaction and the strength of the materials being restrained. Two wall restraint conditions are shown in the diagram below. Active earth pressure is commonly used for design of free-standing cantilever retaining walls and assumes wall movement. The "at-rest" condition assumes no wall movement and is commonly used for basement walls, loading dock walls, or other walls restrained at the top. The recommended design lateral earth pressures do not include a factor of safety and do not provide for possible hydrostatic pressure on the walls (unless stated).



Lateral Earth Pressure Design Parameters

Earth Pressure Condition [1]	Coefficient for Backfill Type [2]	Surcharge Pressure [3] p_1 (psf)	Equivalent Fluid Pressures (psf) [2,4]	
			Unsaturated [5]	Submerged [5]
Active (Ka)	Granular - 0.33 Fine Grained - 0.49	(0.33)S (0.49)S	(40)H (60)H	(80)H (90)H
At-Rest (Ko)	Granular - 0.50 Fine Grained - 0.66	(0.50)S (0.66)S	(60)H (80)H	(95)H (100)H

1. For active earth pressure, wall must rotate about base, with top lateral movements 0.002 H to 0.004 H, where H is wall height. For passive earth pressure, wall must move horizontally to mobilize resistance. Fat clay or other expansive soils should not be used as backfill behind the wall.
2. Uniform, horizontal backfill, with a maximum unit weight of 120 pcf.
3. Uniform surcharge, where S is surcharge pressure.
4. Loading from heavy compaction equipment is not included.
5. To achieve "Unsaturated" conditions, follow guidelines in the following **Subsurface Drainage for Below-Grade Walls** or **Retaining Wall Drainage** section of this report. "Submerged" conditions are recommended when drainage behind walls is not incorporated into the design.
6. Values in the above table are for flat backfill only.

Backfill placed against structures should consist of granular soils or low plasticity cohesive soils. For the granular values to be valid, the granular backfill must extend out and up from the base of the wall at an angle of at least 45 degrees from vertical for the active case.

Total lateral earth pressure acting on retaining or below grade walls during a seismic event will likely include the active or at-rest static force and a dynamic increment. The dynamic increment should be applied to the wall as resultant force acting at 0.33H height from the base of the wall. Such increments should be added to the static earth pressures. A dynamic lateral earth resultant force of $4H^2$ (in units of pounds per linear foot (plf), where H (in units of feet) is the height of the soil behind the wall[1] should be used in design.

Heavy equipment should not operate within a distance closer than the exposed height of retaining walls to prevent lateral pressures more than those provided. Compaction of each lift adjacent to wall should be accomplished with hand-operated tampers for other lightweight compactors. Over-compaction may cause excessive lateral earth pressures which could result in wall movement.

Footings, floor slabs or other loads bearing on backfill behind walls may have a significant influence on the lateral earth pressure. Placing footings within wall backfill and in the zone of active soil influence on the wall should be avoided unless structural analyses indicate the wall can safely withstand the increased pressure.

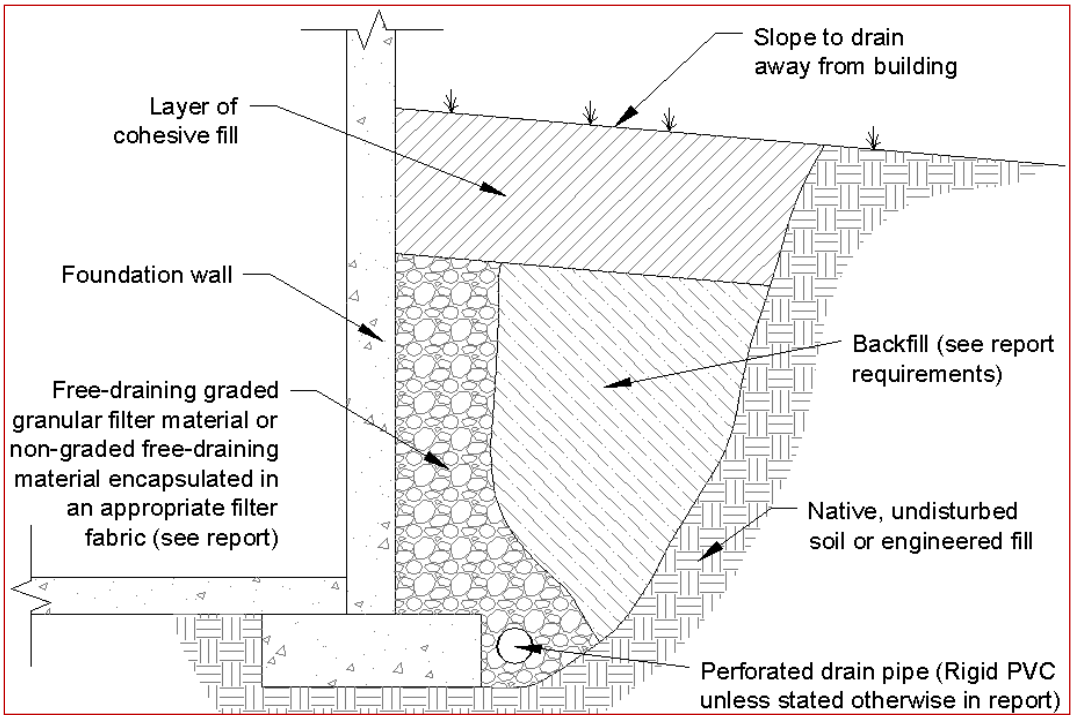
The lateral earth pressure recommendations given in this section are applicable to the design of rigid retaining walls subject to slight rotation, such as cantilever, or gravity type concrete walls. These recommendations are not applicable to the design of modular block - geogrid reinforced backfill walls (also termed MSE walls). Recommendations covering these types of wall systems are beyond the scope of services for this assignment. However, we would be pleased to develop a proposal for evaluation and design of such wall systems upon request.

Subsurface Drainage for Below-Grade Walls

A perforated rigid plastic drain line installed behind the base of walls and extends below adjacent grade is recommended to prevent hydrostatic loading on the walls. The invert of a drain line around a below-grade building area or exterior retaining wall should be placed near foundation bearing level. The drain line should be sloped to provide positive gravity drainage to daylight or to a sump pit and pump. The drain line should be surrounded by clean, free-draining granular material having less than 5% passing the No. 200 sieve, such as No. 57 aggregate. The free-draining aggregate should be encapsulated in a filter fabric. The granular fill should extend to within 2 feet of final

[1] *Seed & Whitman (1970)*

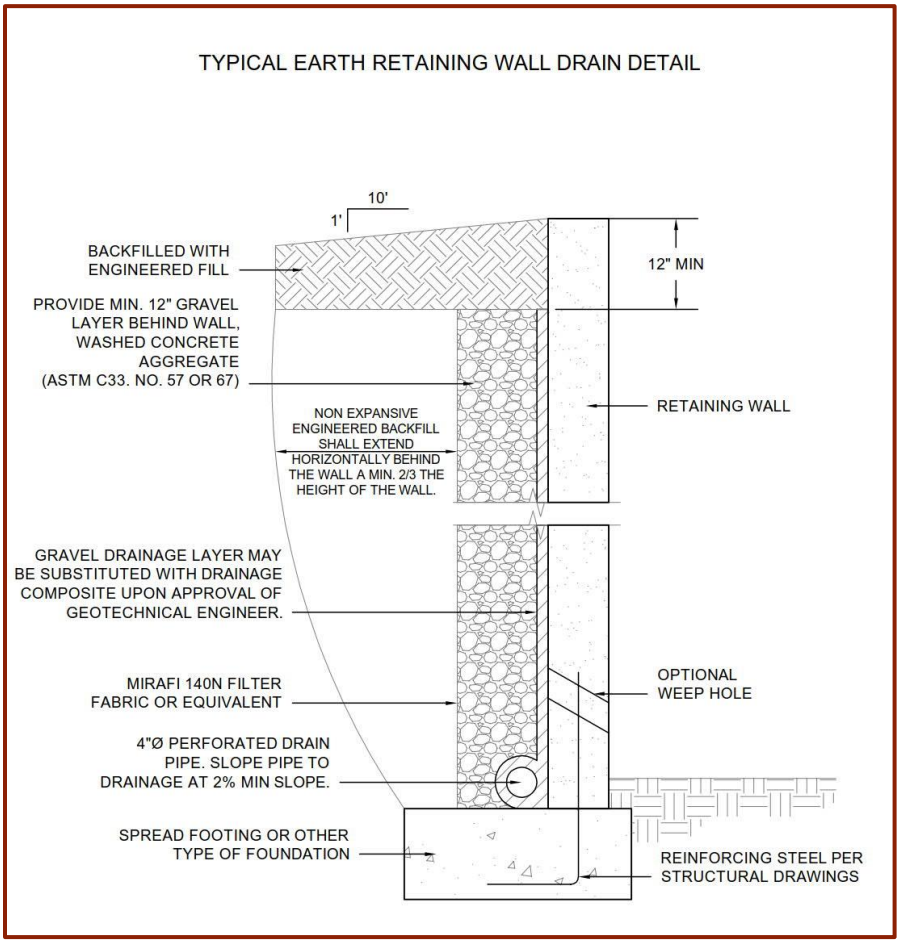
grade, where it should be capped with compacted cohesive fill to reduce infiltration of surface water into the drain system.



As an alternative to free-draining granular fill, a prefabricated drainage composite may be used. A prefabricated drainage composite is a plastic drainage core or mesh which is covered with filter fabric to prevent soil intrusion and is fastened to the wall prior to placing backfill.

Retaining Wall Drainage

To control hydrostatic pressure behind the wall we recommend that a drain be installed at the bottom of the wall with a collection pipe leading to a reliable discharge. The drainage should consist of either a prefabricated drainage composite or a 12-inch-thick free draining gravel blanket. Free draining gravel should consist of Caltrans Class II permeable material or ¾ inch clean gravel wrapped in Mirafi 140N filter fabric or equivalent. The drainage should extend from the bottom of the wall to within 12 inches of the top of the wall. The drainage should be capped with 12 inches of compacted cohesive soil. The collection pipe should be designed by the Civil Engineer but should be a minimum 4-inch diameter perforated Schedule 40 PVC or ABS drain pipe and should slope to an existing drainage system or to a positive gravity outlet. A typical earth retaining wall drain detail is illustrated on the following sketch.



Pavements

General Pavement Comments

Pavement designs are provided for the traffic conditions and pavement life conditions as noted in **Project Description** and in the following sections of this report. A critical aspect of pavement performance is site preparation. Pavement designs noted in this section must be applied to the site which has been prepared as recommended in the **Earthwork** section.

Differential movement should be considered when planning the development of pavement areas over areas where fill will be placed. Site drainage should be designed to compensate for differential settlement in pavement areas, particularly in areas where deeper fills will be placed. Long term maintenance should be planned for in pavement and drainage areas adjacent to building entrances.

Support characteristics of subgrade for pavement design do not account for shrink/swell movements of an expansive clay subgrade, such as soils observed on this project. Thus, the pavement may be adequate from a structural standpoint, yet still experience cracking and deformation due to shrink/swell related movement of the subgrade.

On most project sites, the site grading is accomplished relatively early in the construction phase. Fills are placed and compacted in a uniform manner. However, as construction proceeds, excavations are made into these areas, rainfall and surface water saturates some areas, heavy traffic from concrete trucks and other delivery vehicles disturbs the subgrade and many surface irregularities are filled in with loose soils to improve trafficability temporarily. As a result, the pavement subgrades, initially prepared early in the project, should be carefully evaluated as the time for pavement construction approaches.

We recommend the moisture content and density of the top 12 inches of the subgrade be evaluated and the pavement subgrades be proofrolled within two days prior to commencement of actual paving operations. Areas not in compliance with the required ranges of moisture or density should be moisture conditioned and recompacted. Particular attention should be paid to high traffic areas that were rutted and disturbed earlier and to areas where backfilled trenches are located. Areas where unsuitable conditions are located should be repaired by removing and replacing the materials with properly compacted fills.

If a significant precipitation event occurs after the evaluation or if the surface becomes disturbed, the subgrade should be reviewed by qualified personnel immediately prior to paving. The subgrade should be in its finished form at the time of the final review.

Pavement Design Parameters

Design of Asphaltic Concrete (AC) pavement sections were calculated using the Caltrans Highway Design Manual, latest edition, and a 20-year design life. Design of Portland Cement Concrete (PCC) pavement sections were designed using ACI 330R-21, "Guide for the Design and Construction of Concrete Parking Lots."

Bulk samples of the near surface native soils were collected to perform Hveem Stabilometer (R-Value) testing. Representative bulk samples from Borings B29, B34 and B37 were selected for testing. The testing resulted in an R-Value of less than 5 for borings B29 and B34; and an R-Value of 32 for boring B37. Subsequently, an R-Value of 5 was used for the subgrade for the asphaltic concrete (AC) pavement designs for lots 1 through 6; and an R-Value of 32 was used for the subgrade for the asphaltic concrete (AC) pavement designs for lots 7 through 10. Additional R-Value testing shall be performed following rough grading of the site on the subgrade soils that will ultimately support proposed pavements in order to determine if a more favorable R-Value result may be used in design reducing planning pavement sections at lots 1-6 and if increased sections may be needed for lots 7-10. Modulus of subgrade reactions of 50 pci and 150

pci comparable to R-Values of 5 and 32; respectively, were used for the Portland cement concrete (PCC) pavement designs. The value was empirically derived based upon our experience with the clayey sand subgrade soils and our expectation of the quality of the subgrade as prescribed by the **Site Preparation** conditions as outlined in **Earthwork**. A modulus of rupture of 550 psi was used in design for the concrete (based on correlations with a minimum 28-day compressive strength of 4,500 psi).

Based on this relatively low R-value associated with lots 1 through 6 the conventional pavement sections will be relatively thick. The deeper pavement sections will require more off haul of material on site if the same grades are kept. As an alternative to conventional pavement sections, reinforcing the pavement sections with geogrid or chemical treatment of the subgrade soils may be performed to improve their physical support characteristics and reduce the pavement section.

As more specific traffic information becomes available for the project specific and project traffic indexes are determined, we should be contacted to reevaluate the pavement calculations.

Recommendations for conventional, and geogrid reinforced, and chemically treated pavement sections are presented next. The recommendations are based on the subgrade being in a firm and unyielding condition.

Pavement Section Thicknesses

The following table provides our opinion of minimum thickness for AC sections:

Asphaltic Concrete Design: R-Value = 5

Thickness (inches)			
Auto Parking Areas (TI=5.0)[1]	**Auto Road (TI=5.5)[1]**	**Truck Parking Areas (TI=6.0)[1]**	**Truck Ramps and Roads (TI=8.0)[1]**
3.0	3.0	3.5	5.0
10.0	12.0	13.0	18.0

1. See **Project Description** for more specifics regarding traffic assumptions.
2. All materials should meet the current Caltrans Highway Design Manual specifications.
   - Base – Caltrans Class 2 aggregate base
3. A minimum 1.5-inch surface course should be used on ACC pavements.

Asphaltic Concrete Design: R-Value = 32

Thickness (inches)			
Auto Parking Areas (TI=5.0)[1]	**Auto Road (TI=5.5)[1]**	**Truck Parking Areas (TI=6.0)[1]**	**Truck Ramps and Roads (TI=8.0)[1]**
3.0	3.0	3.5	5.0
5.0	7.0	7.0	10.0

4. See **Project Description** for more specifics regarding traffic assumptions.
5. All materials should meet the current Caltrans Highway Design Manual specifications.
    - Base – Caltrans Class 2 aggregate base
6. A minimum 1.5-inch surface course should be used on ACC pavements.

The following table provides options for AC pavement sections reinforced with geogrid. The sections were calculated using the Tensar SpectraPave4PRO-California software. The geogrid material shall be Tensar InterAx NX750 or an equivalent conforming to the physical properties in the latest Greenbook Standard Specifications, Multi-Axial Geogrid Table 213-5.2 (E) Type R2. The geogrid shall be placed directly on the subgrade below the aggregate base layer. Adjacent rolls of geogrid shall be overlapped a minimum of 1 foot. Soft subgrade conditions may require up to 3 feet of overlap at the discretion of the geotechnical engineer. The development of wrinkles in the geogrid shall be avoided. A minimum loose fill thickness of 6 inches is required prior to operation of tracked vehicles over the geogrid. When underlying substrate is trafficable with minimal rutting, rubber-tired equipment may pass over the geogrid reinforcement at slow speeds (less than 10 mph).

Reinforced pavement design procedures developed by grid producers rely on product specific field and laboratory research. In some cases, this research has tested pavement sections within a limited range of subgrade conditions and pavement thicknesses. Extrapolations are typically used for thicker pavement sections outside those parameters based on computer modeling. These methods represent the state of the practice but have not always been specifically verified by performance testing.

Asphaltic Concrete Design with Geogrid Reinforcement: R-Value = 5

Layer	Thickness (inches)			
	Auto Parking Areas (TI=5.0)[1]	Auto Road (TI=5.5)[1]	Truck Parking Areas (TI=6.0)[1]	Truck Ramps and Roads (TI=8.0)[1]
AC [2, 3]	3.0	3.0	3.5	5.0
Aggregate Base[2]	5.0	6.0	7.0	9.0

1. See **Project Description** for more specifics regarding traffic assumptions.
2. All materials should meet the current Caltrans Highway Design Manual specifications.
   - Base – Caltrans Class 2 aggregate base
3. A minimum 1.5-inch surface course should be used on ACC pavements.

The following table provides options for AC pavement sections supported by chemically treated soil. Chemical treatment involves treating the pavement subgrade soils with a certain percentage of high calcium quick lime and/or Portland cement. Usually, 4.0 to 6.0 percent based on the dry unit weight of the soil, for a depth of 12 inches. For estimating purposes, we recommend using 5.0 percent high calcium quick lime or 6.5 percent Portland cement and a soil unit weight of 110 pounds per cubic foot. For a 12-inch treatment depth, this results in an estimated minimum spread rate of 5.5 and 7.2 pounds per square foot of lime and cement, respectively. The actual amount of lime and/or cement to be used should be determined by Terracon and by laboratory testing **at least three weeks prior** to the start of grading operations. Chemical treatment is performed after rough grading of the pavement areas is completed.

Asphaltic Concrete Design with Chemically Treated Subgrade: R-Value = 5

Layer	Thickness (inches)			
	Auto Parking Areas (TI=5.0)[1]	Auto Road (TI=5.5)[1]	Truck Parking Areas (TI=6.0)[1]	Truck Ramps and Roads (TI=8.0)[1]
AC [2, 3]	3.0	3.0	3.5	5.0
Aggregate Base [2]	4.0	4.0	4.0	8.0

Asphaltic Concrete Design with Chemically Treated Subgrade: R-Value = 5

Layer	Thickness (inches)			
	Auto Parking Areas (TI=5.0)[1]	Auto Road (TI=5.5)[1]	Truck Parking Areas (TI=6.0)[1]	Truck Ramps and Roads (TI=8.0)[1]
Chemically Treated Subgrade[4]	12.0	12.0	12.0	12.0

1. See **Project Description** for more specifics regarding traffic assumptions.
2. All materials should meet the current Caltrans Highway Design Manual specifications.
   - Base – Caltrans Class 2 aggregate base
3. A minimum 1.5-inch surface course should be used on ACC pavements.
4. Chemically treated material shall have a minimum unconfined compressive strength of 300 psi.

The following table provides our estimated minimum thickness of PCC pavements.

Portland Cement Concrete Design – k=50 psi/in

Layer	Thickness (inches)				
	Traffic Category A[1]	Traffic Category B[1]	Traffic Category C[1]	Traffic Category D[1]	Traffic Category E[1]
PCC[2]	5.5	6.5	8.0	6.0	7.5
Aggregate Base[2]	4.0	4.0	6.0	6.0	6.0

1. See **Project Description** for more specifics regarding traffic classifications.
2. All materials should meet the current Caltrans Highway Design Manual specifications.

Portland Cement Concrete Design – k=150 psi/in

Layer	Thickness (inches)				
	Traffic Category A[1]	Traffic Category B[1]	Traffic Category C[1]	Traffic Category D[1]	Traffic Category E[1]
PCC[2]	5.0	6.0	7.5	5.5	7.0
Aggregate Base[2]	4.0	4.0	6.0	6.0	6.0

7. See **Project Description** for more specifics regarding traffic classifications.
8. All materials should meet the current Caltrans Highway Design Manual specifications.

Areas for parking of heavy vehicles, concentrated turn areas, and start/stop maneuvers could require thicker pavement sections. Edge restraints (i.e. concrete curbs or aggregate shoulders) should be planned along curves and areas of maneuvering vehicles.

Although not required for structural support, a minimum 4-inch-thick base course layer is recommended to help reduce potential for slab curl, shrinkage cracking, and subgrade pumping through joints. Proper joint spacing will also be required to prevent excessive slab curling and shrinkage cracking. Joints should be sealed to prevent entry of foreign material and doweled where necessary for load transfer. PCC pavement details for joint spacing, joint reinforcement, and joint sealing should be prepared in accordance with ACI 330 and ACI 325.

Where practical, we recommend early-entry cutting of crack-control joints in PCC pavements. Cutting of the concrete in its "green" state typically reduces the potential for micro-cracking of the pavements prior to the crack control joints being formed, compared to cutting the joints after the concrete has fully set. Micro-cracking of pavements may lead to crack formation in locations other than the sawed joints, and/or reduction of fatigue life of the pavement.

Openings in pavements, such as decorative landscaped areas, are sources for water infiltration into surrounding pavement systems. Water can collect in the islands and migrate into the surrounding subgrade soils thereby degrading support of the pavement. Islands with raised concrete curbs, irrigated foliage, and low permeability near-surface soils are particular areas of concern. The civil design for the pavements with these conditions should include features to restrict or collect and discharge excess water from the islands. Examples of features are edge drains connected to the stormwater collection system, longitudinal subdrains, or other suitable outlets and impermeable barriers preventing lateral migration of water such as a cutoff wall installed to a depth below the pavement structure.

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Pavement Drainage

Pavements should be sloped to provide rapid drainage of surface water. Water allowed to pond on or adjacent to the pavements could saturate the subgrade and contribute to premature pavement deterioration. In addition, the pavement subgrade should be graded to provide positive drainage within the granular base section. Appropriate sub-drainage or connection to a suitable daylight outlet should be provided to remove water from the granular subbase.

The pavement surfacing, and adjacent sidewalks should be sloped to provide rapid drainage of surface water. Water should not be allowed to pond on or adjacent to these grade-supported slabs, since this could saturate the subgrade and contribute to premature pavement or slab deterioration. In areas where pavement sections abut bioswales, curb should extend below the planned AB section to intercept water infiltration below the pavement section. Water migration in and out of the pavement sections may result in repeated shrinkage and swelling and increasing pavement section fatigue.

Pavement Maintenance

The pavement sections represent minimum recommended thicknesses and, as such, periodic upkeep should be anticipated. Preventive maintenance should be planned and provided for through an on-going pavement management program. Maintenance activities are intended to slow the rate of pavement deterioration and to preserve the pavement investment. Pavement care consists of both localized (e.g., crack, and joint sealing and patching) and global maintenance (e.g., surface sealing). Additional engineering consultation is recommended to determine the type and extent of a cost-effective program. Even with periodic maintenance, some movements and related cracking may still occur, and repairs may be required.

Pavement performance is affected by its surroundings. In addition to providing preventive maintenance, the civil engineer should consider the following recommendations in the design and layout of pavements:

- Final grade adjacent to paved areas should slope down from the edges at a minimum 2%.
- Subgrade and pavement surfaces should have a minimum 2% slope to promote proper surface drainage.
- Install pavement drainage systems surrounding areas anticipated for frequent wetting.
- Install joint sealant and seal cracks immediately.
- Seal all landscaped areas in or adjacent to pavements to reduce moisture migration to subgrade soils.
- Place compacted, low permeability backfill against the exterior side of curb and gutter.
- Place curb, gutter and/or sidewalk directly on clay subgrade soils rather than on unbound granular base course materials.

General Comments

Our analysis and opinions are based upon our understanding of the project, the geotechnical conditions in the area, and the data obtained from our site exploration. Variations will occur between exploration point locations or due to the modifying effects of construction or weather. The nature and extent of such variations may not become evident until during or after construction. Terracon should be retained as the Geotechnical Engineer, where noted in this report, to provide observation and testing services during pertinent construction phases. If variations appear, we can provide further evaluation and supplemental recommendations. If variations are noted in the

absence of our observation and testing services on-site, we should be immediately notified so that we can provide evaluation and supplemental recommendations.

Our Scope of Services does not include either specifically or by implication any environmental or biological (e.g., mold, fungi, bacteria) assessment of the site or identification or prevention of pollutants, hazardous materials, or conditions. If the owner is concerned about the potential for such contamination or pollution, other studies should be undertaken.

Our services and any correspondence are intended for the sole benefit and exclusive use of our client for specific application to the project discussed and are accomplished in accordance with generally accepted geotechnical engineering practices with no third-party beneficiaries intended. Any third-party access to services or correspondence is solely for information purposes to support the services provided by Terracon to our client. Reliance upon the services and any work product is limited to our client and is not intended for third parties. Any use or reliance of the provided information by third parties is done solely at their own risk. No warranties, either express or implied, are intended or made.

Site characteristics as provided are for design purposes and not to estimate excavation cost. Any use of our report in that regard is done at the sole risk of the excavating cost estimator as there may be variations on the site that are not apparent in the data that could significantly affect excavation cost. Any parties charged with estimating excavation costs should seek their own site characterization for specific purposes to obtain the specific level of detail necessary for costing. Site safety and cost estimating including excavation support and dewatering requirements/design are the responsibility of others. Construction and site development have the potential to affect adjacent properties. Such impacts can include damages due to vibration, modification of groundwater/surface water flow during construction, foundation movement due to undermining or subsidence from excavation, as well as noise or air quality concerns. Evaluation of these items on nearby properties are commonly associated with contractor means and methods and are not addressed in this report. The owner and contractor should consider a preconstruction/precondition survey of surrounding development. If changes in the nature, design, or location of the project are planned, our conclusions and recommendations shall not be considered valid unless we review the changes and either verify or modify our conclusions in writing. This report should not be used after 3 years without written authorization from Terracon.

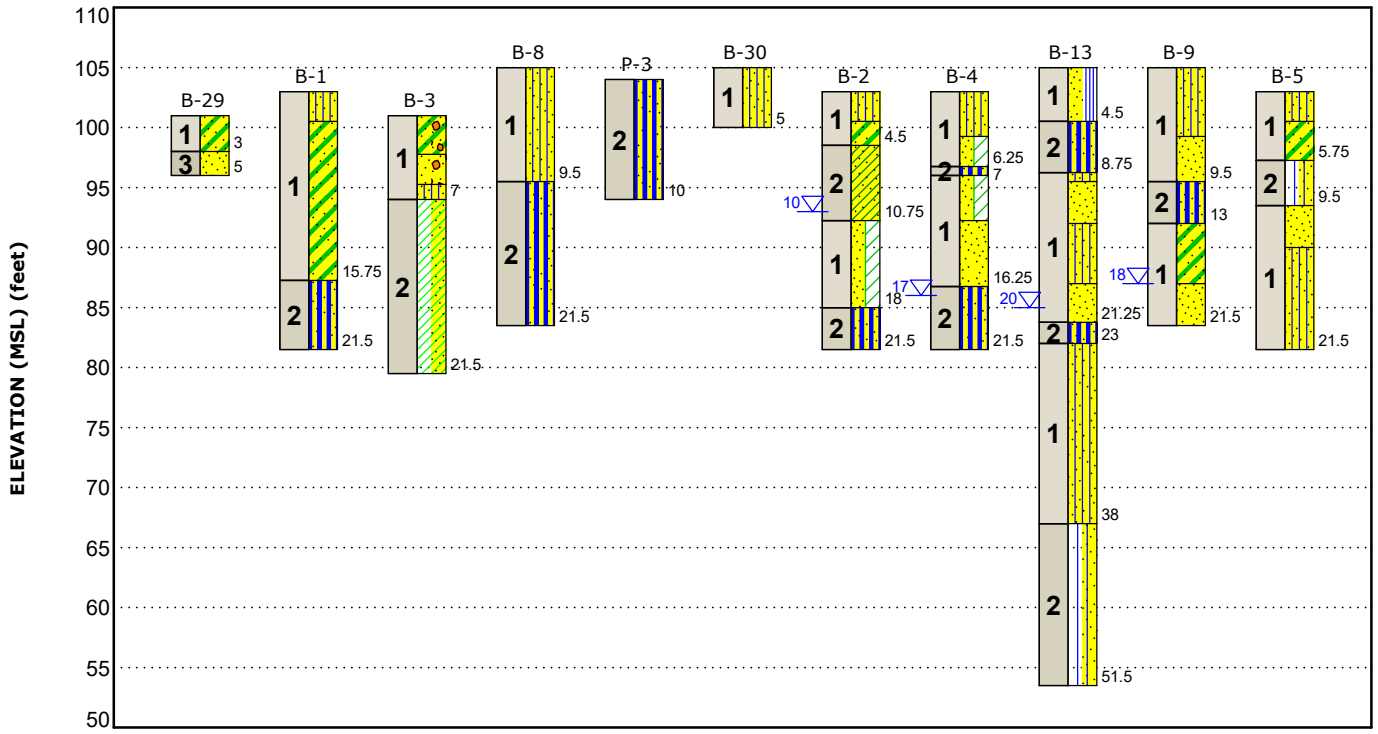
Figures

Contents:

GeoModel by Building (5 pages)

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

GeoModel - Building 1 & Building 2



This is not a cross section. This is intended to display the Geotechnical Model only. See individual logs for more detailed conditions.

Model Layer	Layer Name	General Description
1	Sand with varying amounts of Silt and Clay	Medium dense to very dense silty/clayey sand, poorly graded sand with silt/clay, and poorly graded sand.
2	Clay and Silt with varying amounts of Sand	Very stiff to hard sandy silt, sandy lean clay, silt with sand, lean clay with sand, and fat clay.
3	Sand with varying amounts of Silt and Clay	Loose clayey sand, poorly graded sand with silt and poorly graded sand.

Legend

- Silty Sand
- Clayey Sand
- Sandy Silt
- Sandy Lean Clay
- Poorly-graded Sand with Clay
- Clayey Sand with Gravel
- Poorly-graded Sand with Gravel
- Lean Clay with Sand
- Poorly-graded Sand
- Silt with Sand
- Poorly-graded Sand with Silt

▽ First Water Observation

Groundwater levels are temporal. The levels shown are representative of the date and time of our exploration. Significant changes are possible over time.
Water levels shown are as measured during and/or after drilling. In some cases, boring advancement methods mask the presence/absence of groundwater. See individual logs for details.

NOTES:
Layering shown on this figure has been developed by the geotechnical engineer for purposes of modeling the subsurface conditions as required for the subsequent geotechnical engineering for this project. Numbers adjacent to soil column indicate depth below ground surface.

Terracon
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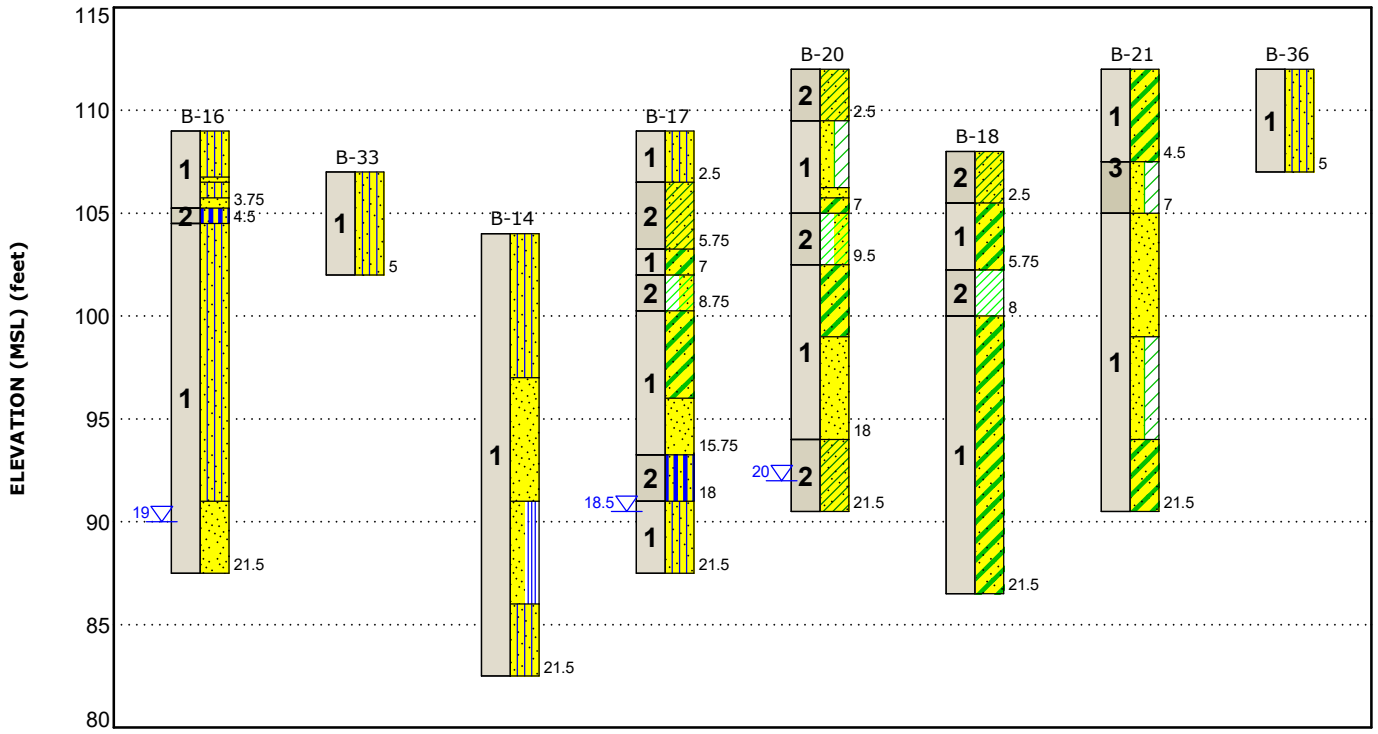
GeoModel - Building 3 & Building 4



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3	Sand with varying amounts of Silt and Clay	Loose clayey sand, poorly graded sand with silt and poorly graded sand.

Legend

- Silty Sand
- Poorly-graded Sand
- Poorly-graded Sand with Silt
- Sandy Silt
- Sandy Lean Clay
- Clayey Sand
- Lean Clay with Sand
- Lean Clay
- Poorly-graded Sand with Clay

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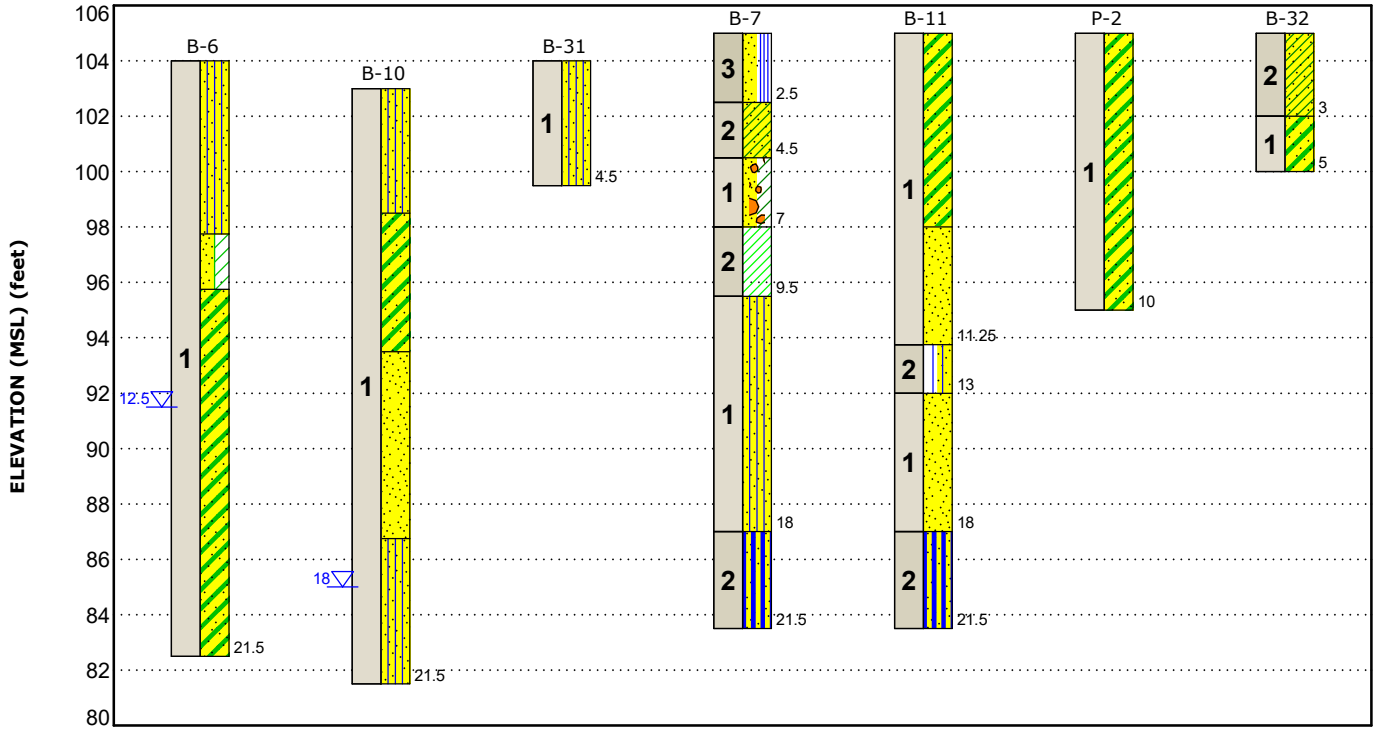
GeoModel - Building 5



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Legend

- Silty Sand
- Clayey Sand
- Sandy Lean Clay
- Lean Clay
- Poorly-graded Sand
- Poorly-graded Sand with Clay
- Poorly-graded Sand with Silt
- Poorly-graded Sand with Clay and Gravel
- Sandy Silt
- Silt with Sand

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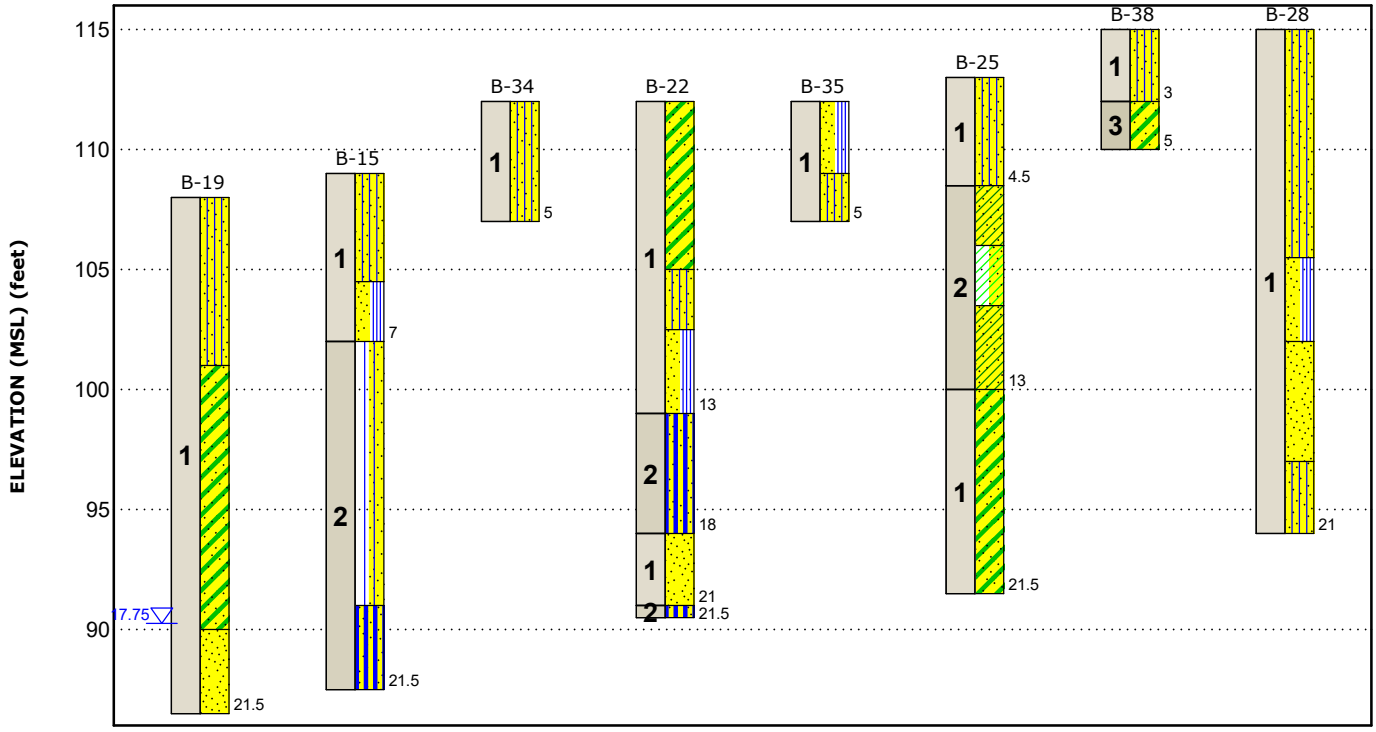
GeoModel - Building 6 & Building 7



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Legend

- Silty Sand
- Poorly-graded Sand with Silt
- Silt with Sand
- Sandy Silt
- Clayey Sand
- Poorly-graded Sand
- Sandy Lean Clay
- Lean Clay with Sand

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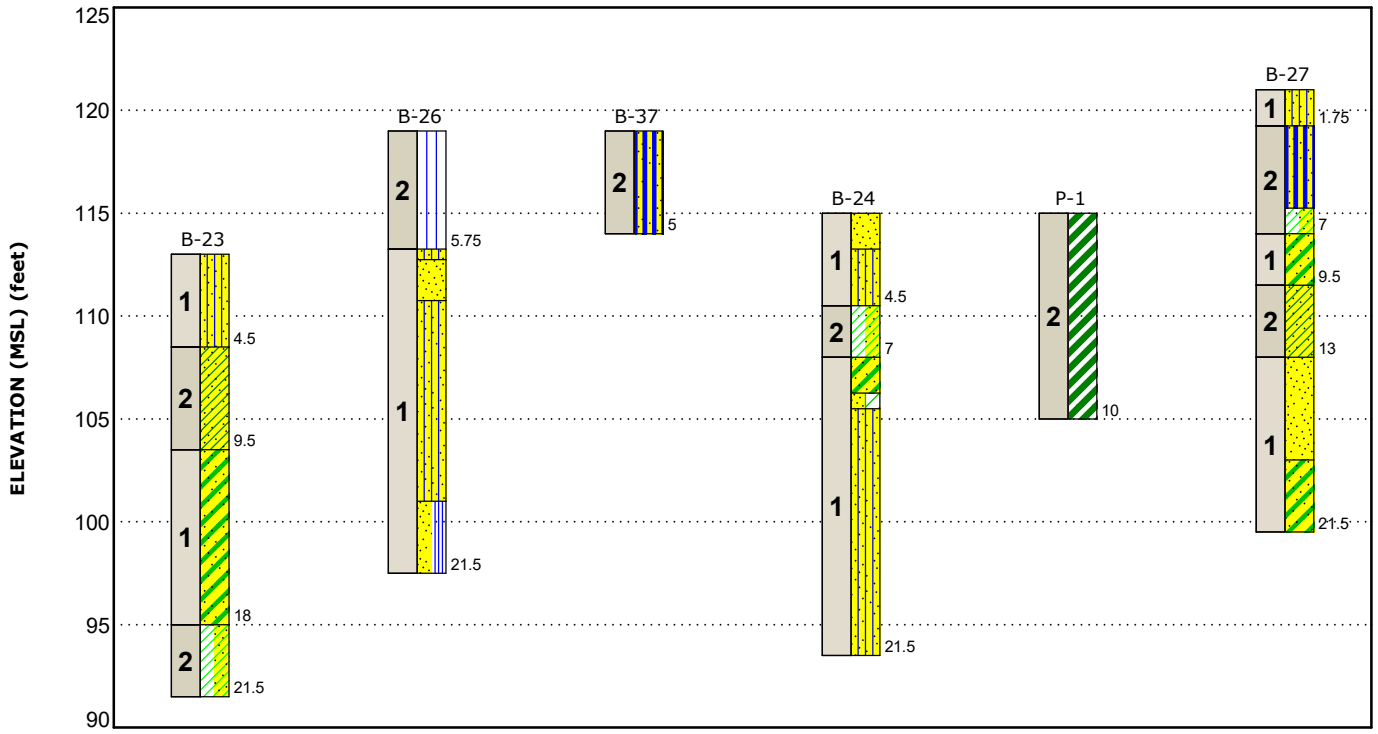
GeoModel - Building 8 & Building 9



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Legend

- Silty Sand
- Clayey Sand
- Poorly-graded Sand
- Silt
- Sandy Silt
- Sandy Lean Clay
- Lean Clay with Sand
- Poorly-graded Sand with Clay
- Poorly-graded Sand with Silt
- Fat Clay

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Attachments

Exploration and Testing Procedures

Field Exploration

Number of Borings	Approximate Boring Depth (feet)	Location
26	21 to 21½	Building area
1	50	Building area
10	4½ to 5	Parking/driveway area
3	10	Potential Drainage Basins

Boring Layout and Elevations: Terracon personnel provided the boring layout using handheld GPS equipment (estimated horizontal accuracy of about ±10 feet) and referencing existing site features. Approximate ground surface elevations were estimated using Google Earth. If elevations and a more precise boring layout are desired, we recommend the exploration locations be surveyed.

Subsurface Exploration Procedures: We utilized both truck-mounted and track-mounted drill rigs to advance the borings using continuous solid stem flight augers; rotary wash methods were utilized in boring B13 after groundwater was encountered. Four samples were obtained in the upper 10 feet of each boring and at intervals of 5 feet thereafter. In the split-barrel sampling procedure, a standard 2-inch outer diameter split-barrel sampling spoon was driven into the ground by a 140-pound automatic hammer falling a distance of 30 inches. The number of blows required to advance the sampling spoon the last 12 inches of a normal 18-inch penetration is recorded as the Standard Penetration Test (SPT) resistance value. The SPT resistance values, also referred to as N-values, are indicated on the boring logs at the test depths. A 3-inch O.D. split-barrel sampling spoon with 2.5-inch I.D. ring lined sampler was used for sampling in the upper 15 feet. Ring-lined, split-barrel sampling procedures are similar to standard split spoon sampling procedure; however, blow counts are typically recorded for 6-inch intervals for a total of 12 inches of penetration. For safety purposes, all borings deeper than 10 feet were backfilled with neat cement grout and capped with native soil/auger cuttings; and borings 10 foot or less were backfilled with neat cement grout or native soil/auger cuttings; specific backfill methods for each boring are noted on the boring logs. We also observed the boreholes while drilling for the presence of groundwater. The approximate groundwater levels are shown on the attached boring logs.

The sampling depths, penetration distances, and other sampling information was recorded on the field boring logs. The samples were placed in appropriate containers and taken to our soil laboratory for testing and classification by a Geotechnical Engineer. Our

exploration team prepared field boring logs as part of the drilling operations. These field logs included visual classifications of the materials observed during drilling and our interpretation of the subsurface conditions between samples. Final boring logs were prepared from the field logs. The final boring logs represent the Geotechnical Engineer's interpretation of the field logs and include modifications based on observations and tests of the samples in our laboratory.

Laboratory Testing

The project engineer reviewed the field data and assigned laboratory tests. The laboratory testing program included the following types of tests:

- Moisture Content
- Dry Unit Weight
- Grain Size Analysis
- Atterberg Limits
- Unconfined Compression
- Expansion Index
- Corrosion Analysis
- R-Value

The laboratory testing program often included examination of soil samples by an engineer. Based on the results of our field and laboratory programs, we described and classified the soil samples in accordance with the Unified Soil Classification System.

Site Location and Exploration Plans

Contents:

Site Location Plan
Exploration Plan

Note: All attachments are one page unless noted above.

Site Location

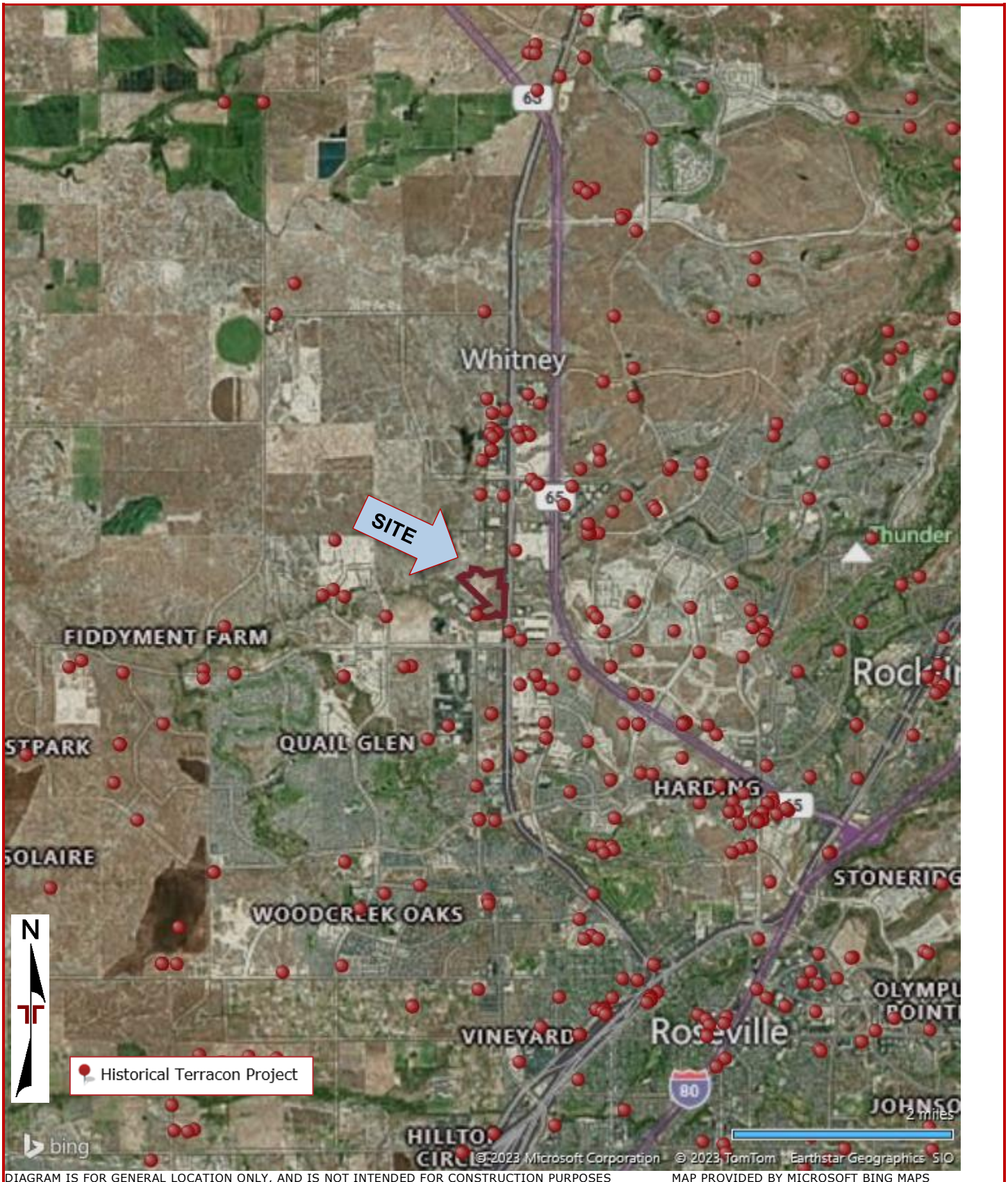

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES

MAP PROVIDED BY MICROSOFT BING MAPS

Exploration Plan

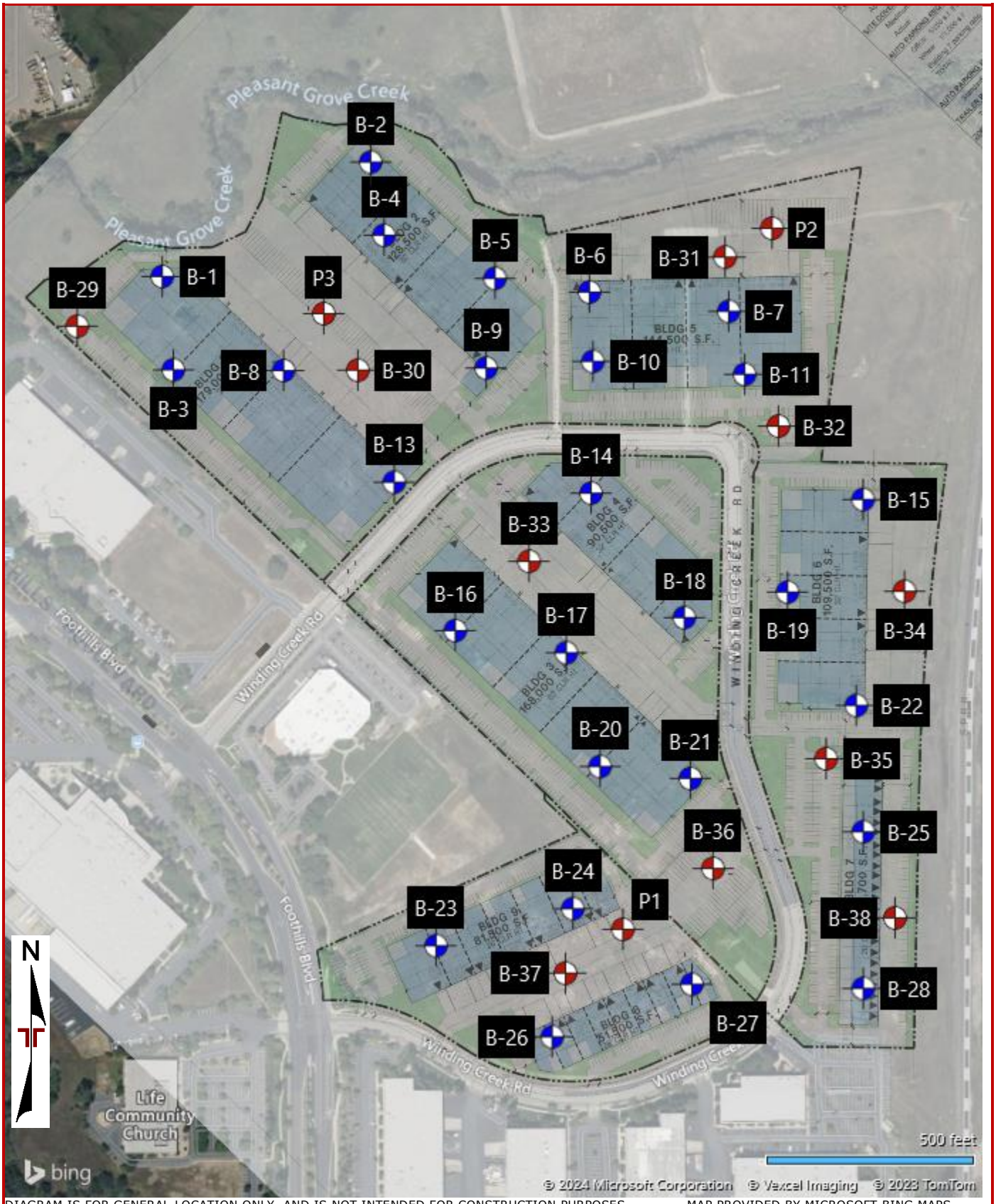

DIAGRAM IS FOR GENERAL LOCATION ONLY, AND IS NOT INTENDED FOR CONSTRUCTION PURPOSES MAP PROVIDED BY MICROSOFT BING MAPS

Exploration and Laboratory Results

Contents:

Boring Logs (B-1 through B-38, and P1 through P3)
Atterberg Limits
Unconfined Compressive Strength (6 pages)
Expansion Index
Corrosivity
R-Value (3 pages)

Note: All attachments are one page unless noted above.

Foothills Commerce Center
Foothills Blvd and Winding Creek Blvd | Roseville, CA
Terracon Project No. NB235025

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-1

Location: See Exploration Plan
Latitude: 38.8044° Longitude: -121.3150°
Depth (Ft.) Elevation: 103 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, medium dense									
		2.5			6-10-13			9.2	103		
		CLAYEY SAND (SC), brown, medium dense			10-14-20			17.0	108		
					8-14-20			15.0	104		
					6-12-16			8.4	111		
		trace gravel									
					12-19-18			24.9	95		
		15.8									
2		**SANDY SILT (ML)**, brown, hard			13-16-16	+4.5 (HP)		27.8	86		
		21.5			13-21-27 N=48	+4.5 (HP)		21.1			
		Boring Terminated at 21.5 Feet									

Depth (Ft.): 5, 10, 15, 20; 87.25; 81.5

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-2

Location: See Exploration Plan

Latitude: 38.8052° Longitude: -121.3133°

Depth (Ft.) Elevation: 103 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, medium dense									
		2.5 / 100.5			7-11-18			11.4	98		
		CLAYEY SAND (SC), brown, medium dense			12-16-17			7.4	120		19
		4.5 / 98.5									
2		**SANDY LEAN CLAY (CL)**, grayish brown, hard			9-15-23	+4.5 (HP)		22.6	105		
					11-16-27	+4.5 (HP)		18.2	99	38-21-17	
		10.8 very stiff / 92.25	▽		11-19-27			18.2	99		
1		**POORLY GRADED SAND WITH CLAY (SP-SC)**, brown, dense									
		very dense			9-22-45			22.2	105		
		18.0 / 85									
2		**SANDY SILT (ML)**, grayish brown, hard			9-14-19 N=33	+4.5 (HP)		27.2			
		21.5 / 81.5									
		Boring Terminated at 21.5 Feet									

5 10 15 20

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ While drilling

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-3

Location: See Exploration Plan

Latitude: 38.8038° Longitude: -121.3149°

Depth (Ft.) Elevation: 101 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**CLAYEY SAND WITH GRAVEL (SC)**, brown, medium dense									
		3.3 trace rootlets 97.75			6-9-9			10.2	114		
		POORLY GRADED SAND WITH GRAVEL (SP), brown, medium dense			7-10-18			9.6	108		
		5.8 very dense 95.25									
		SILTY SAND (SM), brown, very dense			14-24-45			18.2	94		
		7.0 94									
2		**LEAN CLAY WITH SAND (CL)**, brownish gray, hard			14-22-31			16.6	106	43-19-24	75
					17-36-50/5"			16.8	102		
					5-19-30			31.1	92		
		21.5 79.5			13-17-32 N=49			16.4			
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-4

Location: See Exploration Plan

Latitude: 38.8047° Longitude: -121.3132°

Depth (Ft.) Elevation: 103 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, very dense dense 3.8 / 99.25			7-17-50/2"			17.9	97		
					20-25-33			14.9	110		
		POORLY GRADED SAND WITH CLAY (SP-SC), brown, dense medium dense 6.3 / 96.75			12-13-12			14.0	108		
2		7.0 **SANDY SILT (ML)**, grayish brown, very stiff / 96									
1		**POORLY GRADED SAND WITH CLAY (SP-SC)**, brown, medium dense 10.8 / 92.25			10-12-15			18.0	106		
					11-15-17			15.4	112		
		POORLY GRADED SAND (SP), brown, medium dense dense 16.3 / 86.75			17-17-28			18.9	112		
2		**SANDY SILT (ML)**, grayish brown, hard 21.5 / 81.5	▽		8-12-16 N=28	+4.5 (HP)		23.5			
		Boring Terminated at 21.5 Feet									

Depth (Ft.): 5, 10, 15, 20

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ While drilling

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-5

Location: See Exploration Plan

Latitude: 38.8044° Longitude: -121.3122°

Depth (Ft.) Elevation: 103 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
		SILTY SAND (SM), brown, medium dense									
		2.5 / 100.5			8-8-11			4.3	106		
1		**CLAYEY SAND (SC)**, brown, medium dense			8-9-12			12.1	119		
		trace gravel									
		5.8 / 97.25			11-8-10			24.1	98		
		SILT WITH SAND (ML), grayish brown, hard									
2		very stiff			7-8-10	+4.5 (HP)		19.1	106		76
		9.5 / 93.5									
		POORLY GRADED SAND (SP), brown, dense			7-16-22			14.3	116		
		13.0 / 90									
		SILTY SAND (SM), brown, very dense									
1					11-29-50			22.8	103		
		dense									
		21.5 / 81.5			14-21-29 N=50			20.9			
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-6

Location: See Exploration Plan

Latitude: 38.8043° Longitude: -121.3114°

Depth (Ft.) Elevation: 104 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
		SILTY SAND (SM), brown, medium dense									
					12-14-12			10.5	87		
		dense, moderate cementation			14-25-32			11.1	109		
		very dense			19-31-42			12.4	103		
		6.3 97.75									
		POORLY GRADED SAND WITH CLAY (SP-SC), brown, very dense, weak cementation									
					13-14-23			19.0	109		
		8.3 95.75									
		CLAYEY SAND (SC), brown, dense									
1		medium dense			8-16-17			16.7	109		
			▽								
		very dense			16-28-35			19.8	99		
		dense			12-18-28 N=46			20.9			
		21.5 82.5									
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ While drilling

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-11-2023

Boring Completed
12-11-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-7

Location: See Exploration Plan

Latitude: 38.8042° Longitude: -121.3103°

Depth (Ft.) Elevation: 105 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
3		**POORLY GRADED SAND WITH SILT (SP-SM)**, brown, loose 2.5 / 102.5			7-5-5			7.7	102		
2		**SANDY LEAN CLAY (CL)**, brown, very stiff 4.5 / 100.5			4-4-6		1.58	14.8	110	37-14-23	
1		**POORLY GRADED SAND WITH CLAY AND GRAVEL (SP-SC)**, brown, medium dense 7.0 / 98			8-13-18			8.7	103		
2		**LEAN CLAY (CL)**, brown, very stiff 9.5 / 95.5			5-10-12		2.92	23.2	101	35-20-15	
1		**SILTY SAND (SM)**, brown, medium dense 18.0 / 87			10-11-18			29.3	94		
					21-37-50			14.5	120		
2		**SANDY SILT (ML)**, brownish gray, hard 21.5 / 83.5			10-15-25 N=40	+4.5 (HP)		26.0			
		Boring Terminated at 21.5 Feet									

5 10 15 20

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-11-2023

Boring Completed
12-11-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-8

Location: See Exploration Plan

Latitude: 38.8038° Longitude: -121.3140°

Depth (Ft.) Elevation: 105 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, medium dense									
					10-12-12			11.6	115		
		very dense			10-12-50			11.8	88		
		medium dense			9-10-14			23.7	98		
		brownish gray mottled with orangish brown			7-14-16			21.9	102		
		9.5 95.5									
2		**SANDY SILT (ML)**, grayish brown, hard									
					11-16-21	4.0 (HP)		19.1	110		
					10-15-20	+4.5 (HP)		26.1	95		
					11-15-24 N=39	+4.5 (HP)		17.5			
		21.5 83.5									
		Boring Terminated at 21.5 Feet									

5 10 15 20

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-9

Location: See Exploration Plan

Latitude: 38.8038° Longitude: -121.3123°

Depth (Ft.) Elevation: 105 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, medium dense									
		dense			8-10-14			4.5	98		
					13-18-21			10.4	115		
		5.8 / 99.25									
		POORLY GRADED SAND (SP), trace gravel, brown, dense			12-16-19			5.6	100		
					10-12-31			14.1	123		
		9.5 / 95.5									
2		**SANDY SILT (ML)**, brownish gray, hard			14-18-27	+4.5 (HP)		23.3	99		
		13.0 / 92									
1		**CLAYEY SAND (SC)**, brown, very dense			14-26-38			15.8	116		
		18.0 / 87	▽								
		POORLY GRADED SAND (SP), brown, dense			15-20-25 N=45			13.0			
		21.5 / 83.5									
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ While drilling

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-11-2023

Boring Completed
12-11-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-10

Location: See Exploration Plan

Latitude: 38.8039° Longitude: -121.3114°

Depth (Ft.) Elevation: 103 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
		SILTY SAND (SM), brown, medium dense									
					8-10-15			14.5	107		
		dense			19-18-17			12.4	99		
		4.5 98.5									
		CLAYEY SAND (SC), brown, medium dense									
					9-10-8			15.2	108		
					8-13-15			18.3	108		
		9.5 93.5									
1		**POORLY GRADED SAND (SP)**, brown, medium dense			9-10-17			15.0	107		
					13-18-20			18.9	106		
		16.3 86.75									
		SILTY SAND (SM), brown, dense	▽								
		very dense			14-21-35 N=56			19.4			
		21.5 81.5									
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ While drilling

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-11-2023

Boring Completed
12-11-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-11

Location: See Exploration Plan

Latitude: 38.8038° Longitude: -121.3101°

Depth (Ft.) Elevation: 105 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**CLAYEY SAND (SC)**, brown, medium dense									
					10-7-10			9.4	109		
					7-10-10			10.0	112		32
		trace gravel									
					6-12-17			13.8	117		
		7.0 98									
		POORLY GRADED SAND (SP), brown, medium dense									
					6-8-10			13.3	107		
					7-12-11			29.3	94		
		11.3 93.75									
2		**SILT WITH SAND (ML)**, grayish brown, hard									
		13.0 92									
1		**POORLY GRADED SAND (SP)**, brown, dense									
					17-28-42			14.9	116		
		18.0 87									
2		**SANDY SILT (ML)**, grayish brown, hard									
					12-20-25 N=45	+4.5 (HP)		21.7			
		21.5 83.5									
		Boring Terminated at 21.5 Feet									

5 10 15 20

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-08-2023

Boring Completed
12-08-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-13

Location: See Exploration Plan

Latitude: 38.8031° Longitude: -121.3131°

Depth (Ft.) Elevation: 105 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**POORLY GRADED SAND WITH SILT (SP-SM)**, brown, medium dense									
					8-13-18			6.8			
		dense			21-29-30			8.1	121		
		4.5 100.5									
2		**SANDY SILT (ML)**, brown varigated with gray, stiff									
					10-14-19		1.44	29.7	94		
					8-9-16	2.0 (HP)		29.5	97		
		8.8 96.25									
		9.5 **SILTY SAND (SM)**, brown 95.5									
1		**POORLY GRADED SAND (SP)**, brown, medium dense									
					9-18-19			13.1	116		
		13.0 92									
		SILTY SAND (SM), grayish brown, dense									
					10-24-36			22.2	108		
		18.0 87									
		POORLY GRADED SAND (SP), brown, very dense									
					14-33-41			14.6	121		
		21.3 83.75									
2		**SANDY SILT (ML)**, gray, hard									
		23.0 82									
1		**SILTY SAND (SM)**, brown, dense									
					14-19-26 N=45			22.3			

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
While drilling

Drill Rig
CME 55 (truck)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-22-2023

Boring Completed
12-22-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger and Mud Rotary

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-13

Location: See Exploration Plan

Latitude: 38.8031° Longitude: -121.3131°

Depth (Ft.) Elevation: 105 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, dense *(continued)*			12-17-23 N=40			23.2			
		35			11-20-23 N=43			32.3			
		brownish gray									
		38.0 67									
2		**SILT WITH SAND (ML)**, gray mottled with brown, hard									
		40			12-26-36 N=62	4.0 (HP)		40.5			
		45			9-19-31 N=50	+4.5 (HP)		43.3			
		brown									
		50			10-17-25 N=42	+4.5 (HP)		26.9			
		51.5 53.5									
		Boring Terminated at 51.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
While drilling

Drill Rig
CME 55 (truck)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-22-2023

Boring Completed
12-22-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger and Mud Rotary

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-14

Location: See Exploration Plan

Latitude: 38.8030° Longitude: -121.3114°

Depth (Ft.) Elevation: 104 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, grayish brown, very dense									
		dense			13-50			15.9	99		
					8-20-33			20.1	104		
		7.0 97									
		POORLY GRADED SAND (SP), brown, dense									
		medium dense			10-23-32			13.2	117		
					14-22-28			9.9	113		
		13.0 91									
		POORLY GRADED SAND WITH SILT (SP-SM), brown, dense			15-22-23			12.1	118		
					13-23-32			18.5	103		
		18.0 86									
		SILTY SAND (SM), brown, medium dense			9-16-22 N=38			17.0			
		21.5 82.5									
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
Diedrich

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-04-2023

Boring Completed
12-04-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-15

Location: See Exploration Plan

Latitude: 38.8029° Longitude: -121.3091°

Depth (Ft.) Elevation: 109 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, trace gravel, brown, medium dense, weak cementation									
		4.5 104.5			10-16-19			11.3	113		
					10-17-18			14.4	100		
		POORLY GRADED SAND WITH SILT (SP-SM), brown, medium dense									
		7.0 102			7-10-10			8.2	113		
2		**SILT WITH SAND (ML)**, brown, hard									
					7-23-41	+4.5 (HP)		15.6	117		
					8-33-50/5"	+4.5 (HP)		15.8	114		71
		weak cementation									
		18.0 91			4-23-42			21.6	115		
		SANDY SILT (ML), brown and gray, hard									
		21.5 87.5			8-14-17 N=31			21.0			
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-08-2023

Boring Completed
12-08-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-16

Location: See Exploration Plan

Latitude: 38.8021° Longitude: -121.3126°

Depth (Ft.) Elevation: 109 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, medium dense									
		2.3 106.75			12-14-14			6.0	96		
		POORLY GRADED SAND WITH SILT (SP-SM), brown, medium dense dense			9-19-26	+4.5 (HP)		13.7	115		
		4.5 104.5									
		SILTY SAND (SM), brown, very dense			13-22-40			9.9	114		
		loose, weak cementation			2-1-6			10.5	95		
		dense			3-17-27			11.9	123		
		very dense, weak cementation			3-17-50/5"			16.8	114		
		18.0 91									
		POORLY GRADED SAND (SP), trace gravel, brown, dense	▽								
		21.5 87.5			13-21-35 N=56			14.8			
		Boring Terminated at 21.5 Feet									

5 10 15 20

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ While drilling

Drill Rig
Diedrich

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-04-2023

Boring Completed
12-04-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-17

Location: See Exploration Plan

Latitude: 38.8019° Longitude: -121.3116°

Depth (Ft.) Elevation: 109 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, medium dense 2.5 / 106.5									
					7-9-11			13.2	102		
2		**SANDY LEAN CLAY (CL)**, brown, very stiff			7-8-9	2.5 (HP)		17.5		38-16-22	52
		5.8 / 103.25 brown mottled with brownish gray									
					4-6-10			19.6	95		
1		**CLAYEY SAND (SC)**, brown, medium dense 7.0 / 102									
2		**LEAN CLAY WITH SAND (CL)**, dark brown, very stiff 8.8 / 100.25			3-3-8	2.75 (HP)		23.3	93		
					10-16-21			19.6	97		
1		**CLAYEY SAND (SC)**, brown, loose dense 13.0 / 96									
		POORLY GRADED SAND (SP), brown, medium dense 15.8 / 93.25									
					8-13-20	+4.5 (HP)		27.0	91		
2		**SANDY SILT (ML)**, light brown, hard 18.0 / 91									
1		**SILTY SAND (SM)**, brown, dense 21.5 / 87.5			11-24-35 N=59			16.0			
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
While drilling

Drill Rig
Diedrich

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-04-2023

Boring Completed
12-04-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Foothills Commerce Center
Foothills Blvd and Winding Creek Blvd | Roseville, CA
Terracon Project No. NB235025

50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-18

Location: See Exploration Plan

Latitude: 38.8022° Longitude: -121.3106°

Depth (Ft.) Elevation: 108 (Ft.) +/-

Model Layer	Graphic Log		Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
2		**SANDY LEAN CLAY (CL)**, medium plasticity, brown, hard										
		2.5 105.5				4-6-8	+4.5 (HP)		14.1	111		
1		**CLAYEY SAND (SC)**, brown, loose to medium dense				5-7-9			10.3	113		
		5.8 102.25	5			4-5-6		1.52	19.9	101		
2		**LEAN CLAY (CL)**, dark brown, very stiff										
		8.0 100										
1		**CLAYEY SAND (SC)**, brown, medium dense to dense	10			10-14-21			22.3	99		
		medium dense	15			5-8-20			19.3	103		
		dense	20			11-17-25 N=42			19.8			
		21.5 86.5										
		Boring Terminated at 21.5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
Diedrich

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-04-2023

Boring Completed
12-04-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-19

Location: See Exploration Plan

Latitude: 38.8023° Longitude: -121.3098°

Depth (Ft.) Elevation: 108 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, dense									
					10-19-25			11.2	112		
		light brown			18-25-30			11.1	110		
		brown									
		medium dense			7-11-12			7.7	77		
		7.0 101									
		CLAYEY SAND (SC), brown, medium dense to dense			7-15-25			21.4	107		
					3-14-26			18.8	112		
		medium dense			3-9-30			13.8	123		
		18.0 90									
		POORLY GRADED SAND (SP), brown, medium dense			9-9-13 N=22			15.8			
		21.5 86.5									
		Boring Terminated at 21.5 Feet									

5 10 15 20

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
While drilling

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-08-2023

Boring Completed
12-08-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-20

Location: See Exploration Plan

Latitude: 38.8012° Longitude: -121.3113°

Depth (Ft.) Elevation: 112 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
2		**SANDY LEAN CLAY (CL)**, medium plasticity, grayish brown, hard 2.5 / 109.5			10-19-25	+4.5 (HP)		14.0	102		
1		**POORLY GRADED SAND WITH CLAY (SP-SC)**, light brown, medium dense 5.8 / 106.25			18-25-30			9.3	93		
		6.3 / 105.75 **POORLY GRADED SAND (SP)**, brown, medium dense 7.0 / 105			7-11-12			15.8	97		
2		**CLAYEY SAND (SC)**, trace gravel, brown, medium dense **LEAN CLAY WITH SAND (CL)**, brown, stiff 9.5 / 102.5			7-15-25		1.94	14.7	115		
1		**CLAYEY SAND (SC)**, brown, medium dense 13.0 / 99			3-14-26			16.7	108		
		POORLY GRADED SAND (SP), brown, medium dense 18.0 / 94			3-9-30			14.5	107		
2		**SANDY LEAN CLAY (CL)**, brown, hard 21.5 / 90.5	▽		9-9-13 N=22	+4.5 (HP)		19.0			
		Boring Terminated at 21.5 Feet									

Depth (Ft.): 5, 10, 15, 20

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
▽ While drilling

Drill Rig
Diedrich

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-04-2023

Boring Completed
12-04-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-21

Location: See Exploration Plan

Latitude: 38.8011° Longitude: -121.3106°

Depth (Ft.) Elevation: 112 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**CLAYEY SAND (SC)**, brown, medium dense									
					5-7-9						
		loose			3-5-4			15.1	114		
		4.5 107.5									
3		**POORLY GRADED SAND WITH CLAY (SP-SC)**, brown, loose									
					4-3-4			12.6	101		
		7.0 105									
1		**POORLY GRADED SAND (SP)**, brown, very dense									
					8-32-50/4"			13.5	116		
					15-40-50/5"			13.0	106		
		13.0 99									
		POORLY GRADED SAND WITH CLAY (SP-SC), brown, very dense									
					11-21-32 N=53			16.0			
		18.0 94									
		CLAYEY SAND (SC), brown, dense									
					9-17-24 N=41			20.2			
		21.5 90.5									
		Boring Terminated at 21.5 Feet									

5 10 15 20

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
Diedrich

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-04-2023

Boring Completed
12-04-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-22

Location: See Exploration Plan

Latitude: 38.8016° Longitude: -121.3092°

Depth (Ft.) Elevation: 112 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**CLAYEY SAND (SC)**, brown, medium dense									
					7-8-11			18.8	108		
		reddish brown			6-9-9			18.9	107		
		brown, loose									
		5			4-8-10			15.2	113		49
		7.0 105									
		SILTY SAND (SM), brown, medium dense									
					3-5-12			24.8	100		
		9.5 102.5									
		POORLY GRADED SAND WITH SILT (SP-SM), brown, very dense									
		10			11-42-50/3"			20.9	111		
		13.0 99									
2		**SANDY SILT (ML)**, grayish brown, very stiff									
		15			5-6-9 N=15	2.75 (HP)		20.3			
		18.0 94									
1		**POORLY GRADED SAND (SP)**, trace gravel, brown, very dense									
		20			13-15-50 N=65			12.5			
		21.0 91									
2		21.5 **SANDY SILT (ML)**, grayish brown, hard 90.5									
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-08-2023

Boring Completed
12-08-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-23

Location: See Exploration Plan

Latitude: 38.8000° Longitude: -121.3127°

Depth (Ft.) Elevation: 113 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, very dense									
					25-45-50/5"			12.0	114		
					18-30-42			16.7	100		
		4.5 108.5									
2		**SANDY LEAN CLAY (CL)**, gray, hard									
		5			14-21-28	+4.5 (HP)		24.0	100		
					8-17-28	+4.5 (HP)		25.8	90		
		9.5 103.5									
1		**CLAYEY SAND (SC)**, brown, dense									
		10			13-27-38			14.0	107		
		weak cementation									
		15			11-21-36			17.0	108		
		18.0 95									
2		**LEAN CLAY WITH SAND (CL)**, brown, hard									
		20			10-11-21 N=32	+4.5 (HP)		40.1			
		21.5 91.5									
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-01-2023

Boring Completed
12-01-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-24

Location: See Exploration Plan

Latitude: 38.8003° Longitude: -121.3116°

Depth (Ft.) Elevation: 115 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
		POORLY GRADED SAND (SP), brown, medium dense 1.8 / 113.25									
1		**SILTY SAND (SM)**, grayish brown, medium dense			9-11-13			20.3	102		
		4.5 / 110.5			6-7-13			21.7	103		
2		**LEAN CLAY WITH SAND (CL)**, brownish gray, hard			10-15-19	+4.5 (HP)		28.7	94		
		7.0 / 108			6-10-18			30.5	83		
1		**CLAYEY SAND (SC)**, brown, medium dense 8.8 / 106.25			6-16-24			18.2	109		
		9.5 **POORLY GRADED SAND WITH CLAY (SP-SC)**, brown, medium dense / 105.5			9-17-24			20.7	102		
		SILTY SAND (SM), brown, dense									
		21.5 / 93.5			8-14-18 N=32			16.0			
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-01-2023

Boring Completed
12-01-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-25

Location: See Exploration Plan

Latitude: 38.8008° Longitude: -121.3091°

Depth (Ft.) Elevation: 113 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, medium dense, weak cementation									
		4.5 / 108.5			11-13-15			11.8	91		
					10-16-19			13.2	100		
2		**SANDY LEAN CLAY (CL)**, brown, hard									
		7.0 / 106			10-10-12	+4.5 (HP)		16.0	107		
		LEAN CLAY WITH SAND (CL), brown, very stiff									
		9.5 / 103.5			6-6-8	3.25 (HP)	2.75	13.9	118	46-15-31	
		SANDY LEAN CLAY (CL), brown, hard									
		13.0 / 100			6-12-18	+4.5 (HP)		16.5	113		
1		**CLAYEY SAND (SC)**, trace gravel, brown, medium dense									
		21.5 / 91.5			12-16-15			11.2	117		
					9-17-22 N=39			14.9			
		Boring Terminated at 21.5 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-01-2023

Boring Completed
12-01-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-26

Location: See Exploration Plan

Latitude: 38.7994° Longitude: -121.3117°

Model Layer	Graphic Log	Depth (Ft.)	Elevation: 119 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
2			**SILT (ML)**, grayish brown, hard, weak cementation										
							13-24-35	+4.5 (HP)		26.7			88
			grayish brown mottled with orangish brown				8-16-21	+4.5 (HP)		33.6	81		
		5.8	113.25	5			10-19-39			18.1	90		
1		6.3	**SILTY SAND (SM)**, trace mica, brown, dense 112.75										
			POORLY GRADED SAND (SP), brown, dense				6-15-20			19.3	99		
		8.3	110.75										
			SILTY SAND (SM), brownish gray, medium dense to dense	10			9-18-27			28.2	91		
			dense										
			brown	15			15-24-35			18.8	97		
		18.0	101										
			POORLY GRADED SAND WITH SILT (SP-SM), brown, dense	20			14-28-25 N=53			10.2			
		21.5	97.5										
			Boring Terminated at 21.5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-01-2023

Boring Completed
12-01-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-27

Location: See Exploration Plan

Latitude: 38.7998° Longitude: -121.3106°

Depth (Ft.) Elevation: 121 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, medium dense 1.8 / 119.25									
2		**SANDY SILT (ML)**, grayish brown, hard			5-12-20	+4.5 (HP)		34.0	83		
					6-10-15	+4.5 (HP)		40.7	80		
		grayish brown mottled with orangish brown 5.8 / 115.25									
		LEAN CLAY WITH SAND (CL), brown, hard 7.0 / 114			4-9-14	+4.5 (HP)		21.6	93		
1		**CLAYEY SAND (SC)**, grayish brown, medium dense to dense 9.5 / 111.5			7-14-21			17.1	100		
2		**SANDY LEAN CLAY (CL)**, grayish brown, very stiff			7-11-13	3.75 (HP)		36.6	82		
		reddish brown 13.0 / 108									
1		**POORLY GRADED SAND (SP)**, brown, dense			20-22-31			13.6	113		
		18.0 / 103									
		CLAYEY SAND (SC), brown, dense, weak cementation			11-19-26 N=45			13.8			
		21.5 / 99.5									
		Boring Terminated at 21.5 Feet									

Depth (Ft.): 5, 10, 15, 20

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-01-2023

Boring Completed
12-01-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-28

Location: See Exploration Plan

Latitude: 38.7997° Longitude: -121.3091°

Depth (Ft.) Elevation: 115 (Ft.) +/-

Model Layer	Graphic Log	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, gray, dense									
					14-20-24			21.4	78		
					14-23-32			23.7	93		
		grayish brown mottled with orangish brown, very dense									
		5			22-50/5"			20.6	96		
		brown									
					8-26-42			23.2	93		
		9.5 105.5									
		POORLY GRADED SAND WITH SILT (SP-SM), brown, very dense									
		10			17-34-48			14.5	111		
		13.0 102									
		POORLY GRADED SAND (SP), brown, dense									
		15			16-19-19			15.5	111		
		18.0 97									
		SILTY SAND (SM), brown, very dense									
		20			22-50			18.1	110		
		21.0 94									
		Boring Terminated at 21 Feet									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-01-2023

Boring Completed
12-01-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-29

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8041° Longitude: -121.3158° Depth (Ft.) Elevation: 101 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**CLAYEY SAND (SC)**, brown, medium dense 3.0 98				8-8-8 N=16			11.3			
3		**POORLY GRADED SAND (SP)**, brown, loose 5.0 96	5			3-4-5 N=9			12.9			
		Boring Terminated at 5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
6-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

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Foothills Blvd and Winding Creek Blvd | Roseville, CA
Terracon Project No. NB235025

50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-30

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8038° Longitude: -121.3134° Depth (Ft.) Elevation: 105 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, dense, weak cementation										
						15-17-19 N=36			17.3			
						11-15-16 N=31			8.9			
		5.0 100	5									
		Boring Terminated at 5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
6-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-31

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8045° Longitude: -121.3103° Depth (Ft.) Elevation: 104 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, medium dense										
						11-10-10 N=20			9.4			47
		very dense										
		4.5 99.5				25-50			10.4			
		Refusal at 4.5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
6-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-11-2023

Boring Completed
12-11-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-32

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8034° Longitude: -121.3098° Depth (Ft.) Elevation: 105 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
2		**SANDY LEAN CLAY (CL)**, brown, hard 3.0 102				4-3-4 N=7	+4.5 (HP)		13.9			
1		**CLAYEY SAND (SC)**, brown, dense 5.0 100	5			12-25-30 N=55			6.7			
		Boring Terminated at 5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-08-2023

Boring Completed
12-08-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-33

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8025° Longitude: -121.3119° Depth (Ft.) Elevation: 107 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, dense										
						13-12-22 N=34			9.4			
		very dense				21-40-45 N=85			26.5			
		5.0 102	5									
		Boring Terminated at 5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-08-2023

Boring Completed
12-08-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-34

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8023° Longitude: -121.3088° Depth (Ft.) Elevation: 112 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**CLAYEY SAND (SC)**, brown, medium dense										
						6-6-7 N=13			9.8			
						6-7-10 N=17			12.8			
		5.0 107	5									
		Boring Terminated at 5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-08-2023

Boring Completed
12-08-2023

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Foothills Blvd and Winding Creek Blvd | Roseville, CA
Terracon Project No. NB235025

50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-35

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8012° Longitude: -121.3094° Depth (Ft.) Elevation: 112 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**POORLY GRADED SAND WITH SILT (SP-SM)**, brown, medium dense, weak cementation										
						7-8-8 N=16			11.3			
		3.0 109										
		SILTY SAND (SM), brown, medium dense										
						5-5-6 N=11			15.1			
		5.0 107	5									
		Boring Terminated at 5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-08-2023

Boring Completed
12-08-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-36

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8005° Longitude: -121.3104° Depth (Ft.) Elevation: 112 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, medium dense, weak cementation										
						9-14-20 N=34			14.4			
		dense				12-20-22 N=42			17.9			
		5.0 107	5									
		Boring Terminated at 5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
Diedrich D-120

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-04-2023

Boring Completed
12-04-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-37

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.7998° Longitude: -121.3116° Depth (Ft.) Elevation: 119 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
2		**SANDY SILT (ML)**, grayish brown, hard										
						12-18-23 N=41	+4.5 (HP)		30.2			
						9-12-20 N=32	+4.5 (HP)		18.5			
		5.0 114	5									
		Boring Terminated at 5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
4-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-01-2023

Boring Completed
12-01-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. B-38

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8002° Longitude: -121.3089° Depth (Ft.) Elevation: 115 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**SILTY SAND (SM)**, brown, medium dense 3.0 112				7-11-9 N=20			9.2			
3		**CLAYEY SAND (SC)**, brown, loose 5.0 110	5			8-6-5 N=11			21.2			
		Boring Terminated at 5 Feet										

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
6-inch Solid Stem Auger

Abandonment Method
Boring backfilled with cement-bentonite grout upon completion. Surface capped with auger cuttings.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

Foothills Commerce Center
Foothills Blvd and Winding Creek Blvd | Roseville, CA
Terracon Project No. NB235025

50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. P-1

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8001° Longitude: -121.3111° Depth (Ft.) Elevation: 115 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
2		**SANDY SILT (ML)**, brownish gray 5.0 110	5									
		FAT CLAY (CH), brownish gray, hard				7-9-13 N=22	+4.5 (HP)		22.5		58-26-32	86
		10.0 105 ***Boring Terminated at 10 Feet***	10									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
6-inch Solid Stem Auger

Abandonment Method
Boring backfilled with auger cuttings upon completion.

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. P-2

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8047° Longitude: -121.3099° Depth (Ft.) Elevation: 105 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
1		**CLAYEY SAND (SC)**, brown, medium dense	5									
		10.0 95				13-12-11 N=23			17.4			17
		Boring Terminated at 10 Feet	10									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
6-inch Solid Stem Auger

Abandonment Method
Boring backfilled with auger cuttings upon completion.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

Terracon
50 Golden Land Ct Ste 100
Sacramento, CA

Boring Log No. P-3

Model Layer	Graphic Log	Location: See Exploration Plan Latitude: 38.8042° Longitude: -121.3137° Depth (Ft.) Elevation: 104 (Ft.) +/-	Depth (Ft.)	Water Level Observations	Sample Type	Field Test Results	HP (tsf)	Unconfined Compressive Strength (tsf)	Water Content (%)	Dry Unit Weight (pcf)	Atterberg Limits LL-PL-PI	Percent Fines
2		**SANDY SILT (ML)**, grayish brown, hard	5									
		10.0 94			X	7-7-10 N=17	+4.5 (HP)		21.1			58
		Boring Terminated at 10 Feet	10									

See Exploration and Testing Procedures for a description of field and laboratory procedures used and additional data (If any).

See Supporting Information for explanation of symbols and abbreviations.

Water Level Observations
Groundwater not encountered

Notes
Elevation Reference: Elevations estimated from Google Earth Pro

Advancement Method
6-inch Solid Stem Auger

Abandonment Method
Boring backfilled with auger cuttings upon completion.

Drill Rig
CME 55 (track)

Hammer Type
Automatic

Driller
Taber Drilling

Logged by
H. Wagenman

Boring Started
12-12-2023

Boring Completed
12-12-2023

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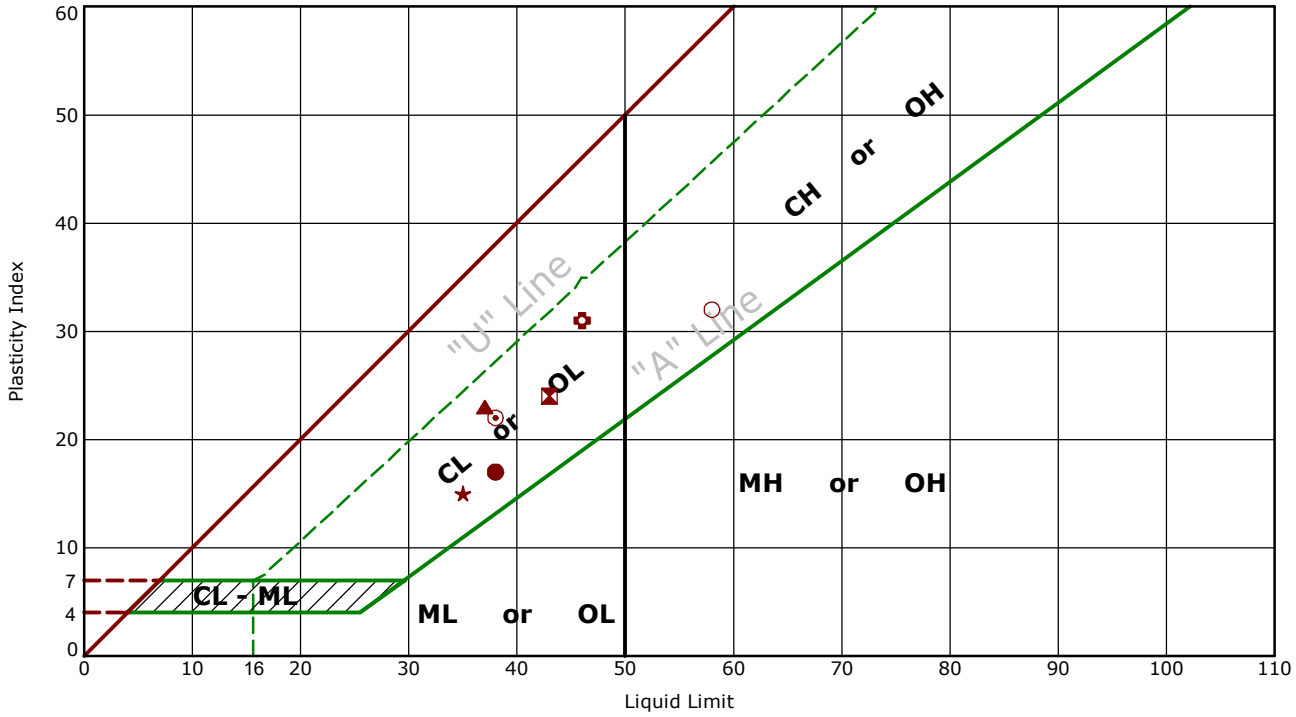
50 Golden Land Ct Ste 100
Sacramento, CA

Atterberg Limit Results

ASTM D4318



	Boring ID	Depth (Ft)	LL	PL	PI	Fines	USCS	Description
●	B-2	7.5 - 9	38	21	17		CL	SANDY LEAN CLAY
⊠	B-3	7.5 - 9	43	19	24	74.6	CL	LEAN CLAY with SAND
▲	B-7	2.5 - 4	37	14	23		CL	SANDY LEAN CLAY
★	B-7	7.5 - 9	35	20	15		CL	LEAN CLAY
⊙	B-17	2.5 - 4	38	16	22	51.9	CL	SANDY LEAN CLAY
✿	B-25	7.5 - 9	46	15	31		CL	LEAN CLAY with SAND
○	P-1	8.5 - 10	58	26	32	86.5	CH	FAT CLAY

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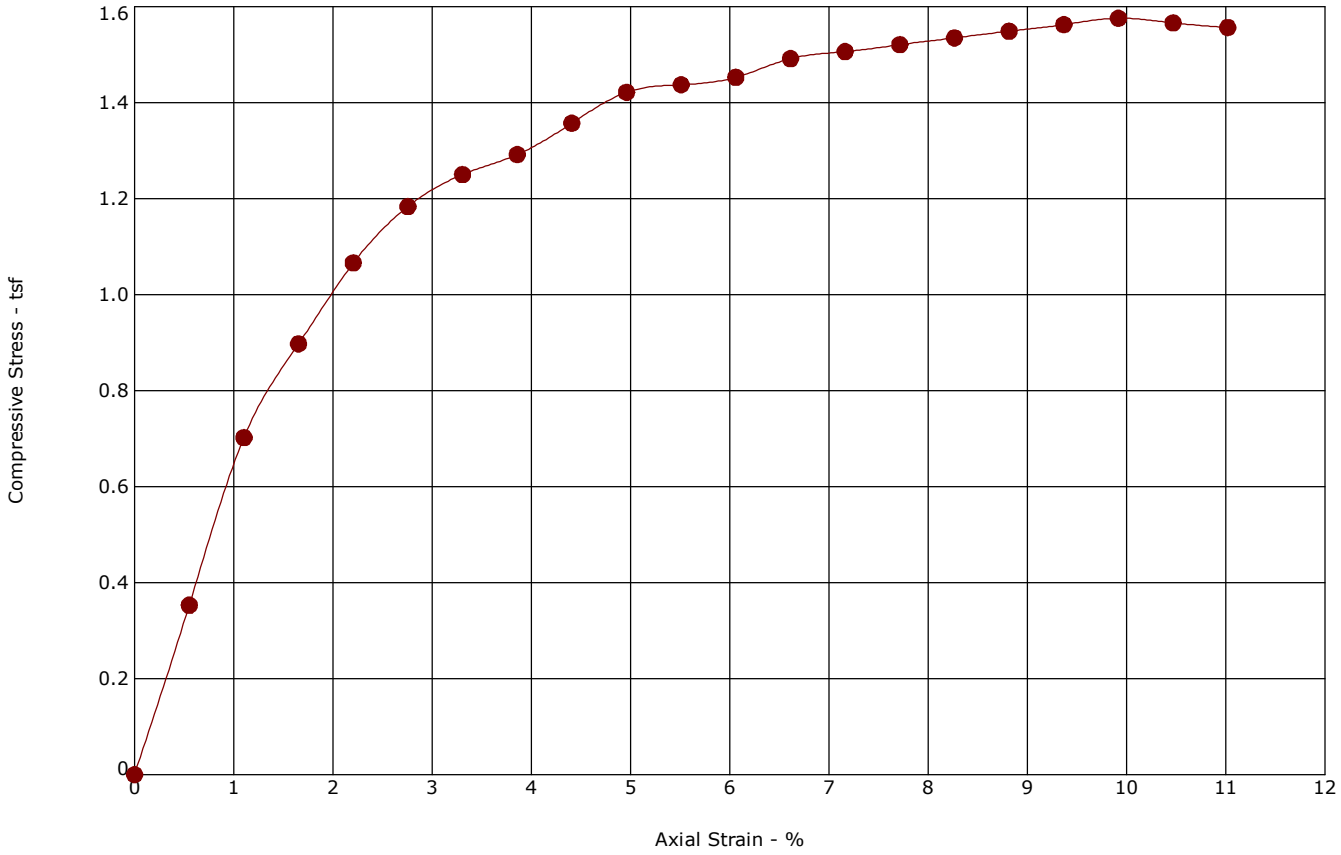
Unconfined Compression Test

ASTM D2166



Boring ID	Depth (Ft)	Sample type	LL	PL	PI	Fines (%)	Description
B-7	2.5 - 4	DMRS	37	14	23		SANDY LEAN CLAY

Specimen Failure Mode

Specimen Test Data

Moisture Content (%):	14.8
Dry Density (pcf):	114
Diameter (in.):	1.90
Height (in.):	3.63
Height / Diameter Ratio:	1.91
Calculated Saturation (%):	82.79
Calculated Void Ratio:	0.48
Assumed Specific Gravity:	2.7
Failure Strain (%):	9.92
Unconfined Compressive Strength (tsf):	1.58
Undrained Shear Strength (tsf):	0.79
Strain Rate (in/min):	
Remarks:	

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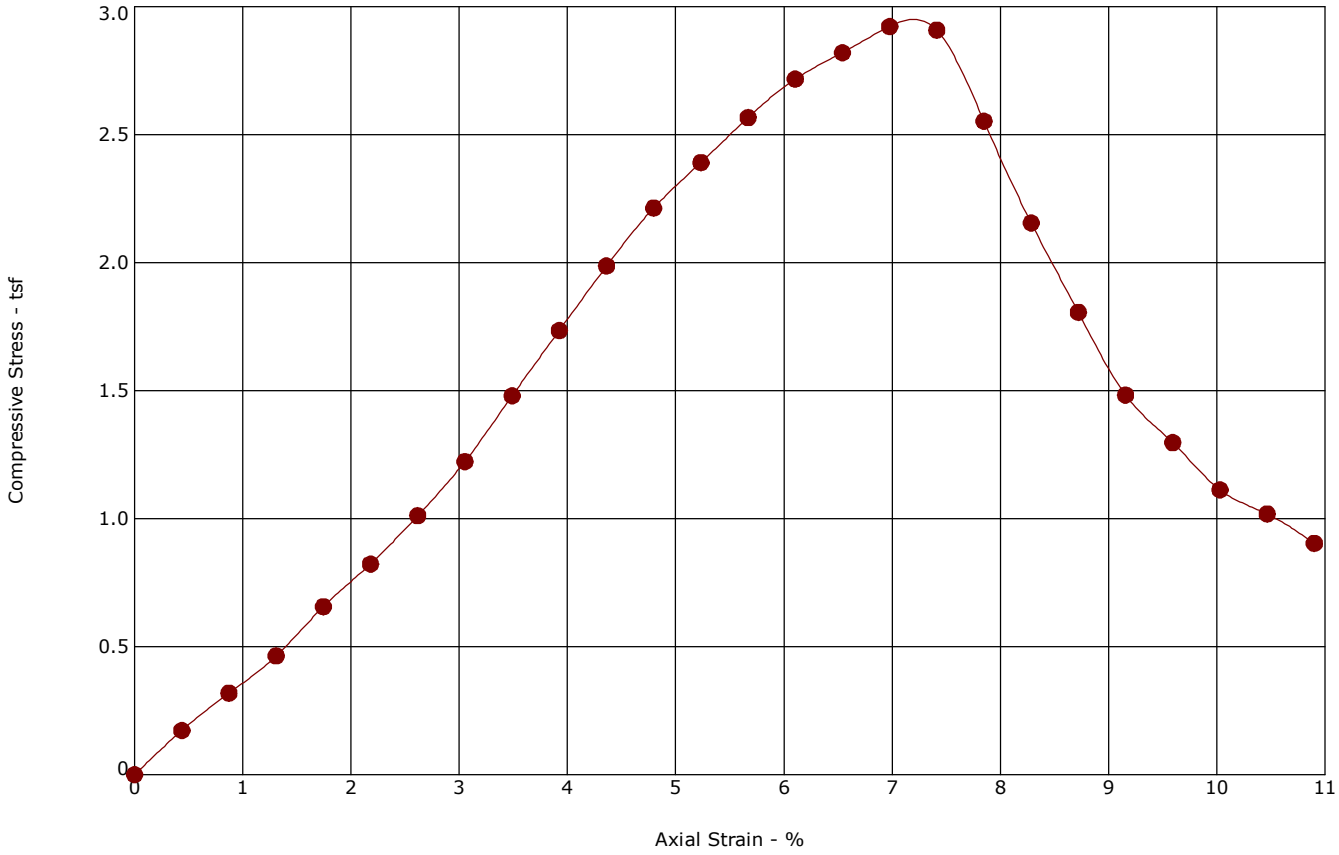
Unconfined Compression Test

ASTM D2166



Boring ID	Depth (Ft)	Sample type	LL	PL	PI	Fines (%)	Description
B-7	7.5 - 9	DMRS	35	20	15		LEAN CLAY

Specimen Failure Mode

Specimen Test Data	
Moisture Content (%):	23.2
Dry Density (pcf):	99
Diameter (in.):	1.93
Height (in.):	4.59
Height / Diameter Ratio:	2.38
Calculated Saturation (%):	89.13
Calculated Void Ratio:	0.70
Assumed Specific Gravity:	2.7
Failure Strain (%):	6.98
Unconfined Compressive Strength (tsf):	2.92
Undrained Shear Strength (tsf):	1.46
Strain Rate (in/min):	
Remarks:	

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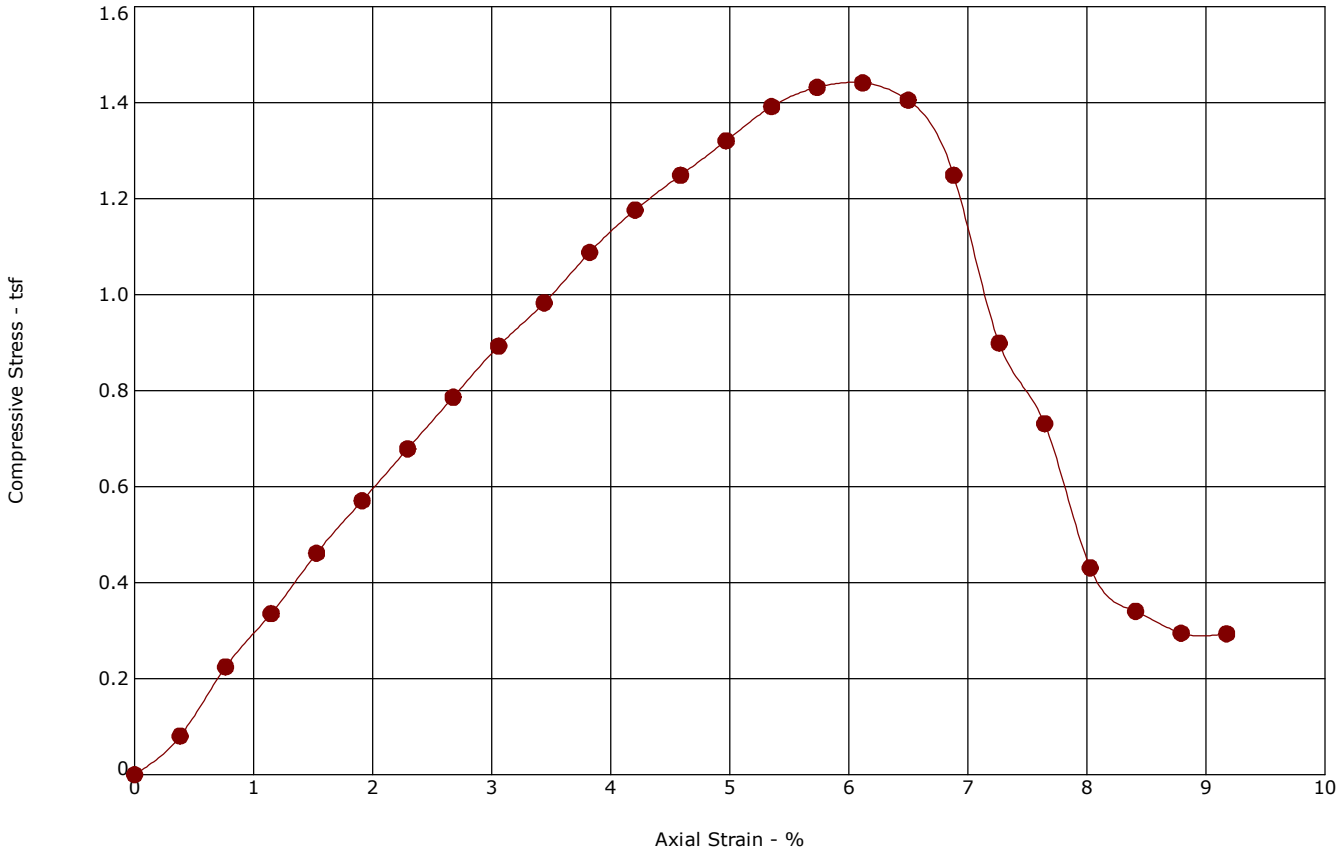
Unconfined Compression Test

ASTM D2166



Boring ID	Depth (Ft)	Sample type	LL	PL	PI	Fines (%)	Description
B-13	5 - 6.5	DMRS					SANDY SILT

Specimen Failure Mode

Specimen Test Data

Moisture Content (%):	29.7
Dry Density (pcf):	94
Diameter (in.):	2.38
Height (in.):	5.23
Height / Diameter Ratio:	2.20
Calculated Saturation (%):	102.00
Calculated Void Ratio:	0.79
Assumed Specific Gravity:	2.7
Failure Strain (%):	6.12
Unconfined Compressive Strength (tsf):	1.44
Undrained Shear Strength (tsf):	0.72
Strain Rate (in/min):	
Remarks:	

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Unconfined Compression Test

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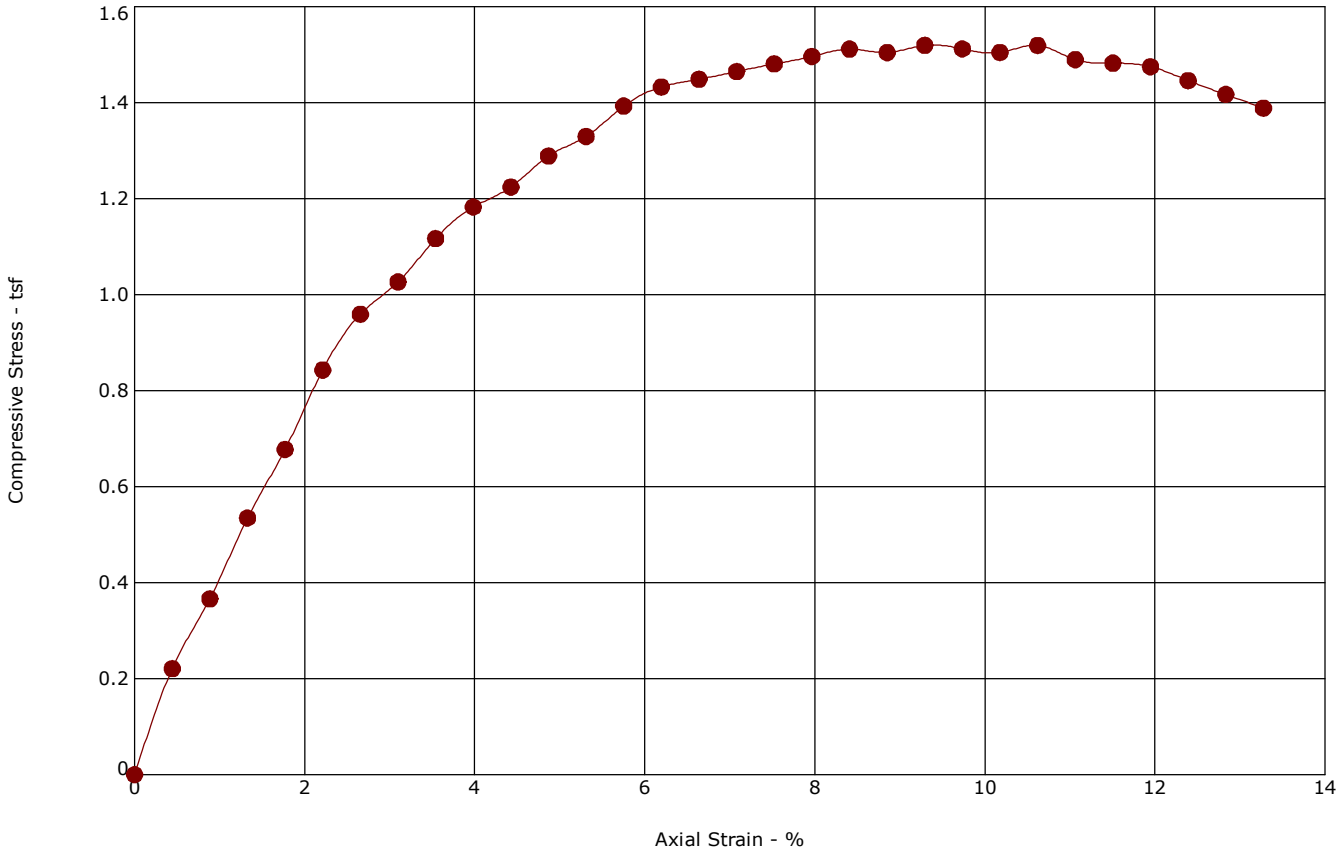

Boring ID	Depth (Ft)	Sample type	LL	PL	PI	Fines (%)	Description
B-18	5 - 6.5	DMRS					LEAN CLAY

Specimen Failure Mode	Specimen Test Data	
	Moisture Content (%):	19.9
	Dry Density (pcf):	101
	Diameter (in.):	1.93
	Height (in.):	4.52
	Height / Diameter Ratio:	2.34
	Calculated Saturation (%):	66.03
	Calculated Void Ratio:	0.75
	Assumed Specific Gravity:	2.7
	Failure Strain (%):	9.29
	Unconfined Compressive Strength (tsf):	1.52
	Undrained Shear Strength (tsf):	0.76
	Strain Rate (in/min):	
	Remarks:	

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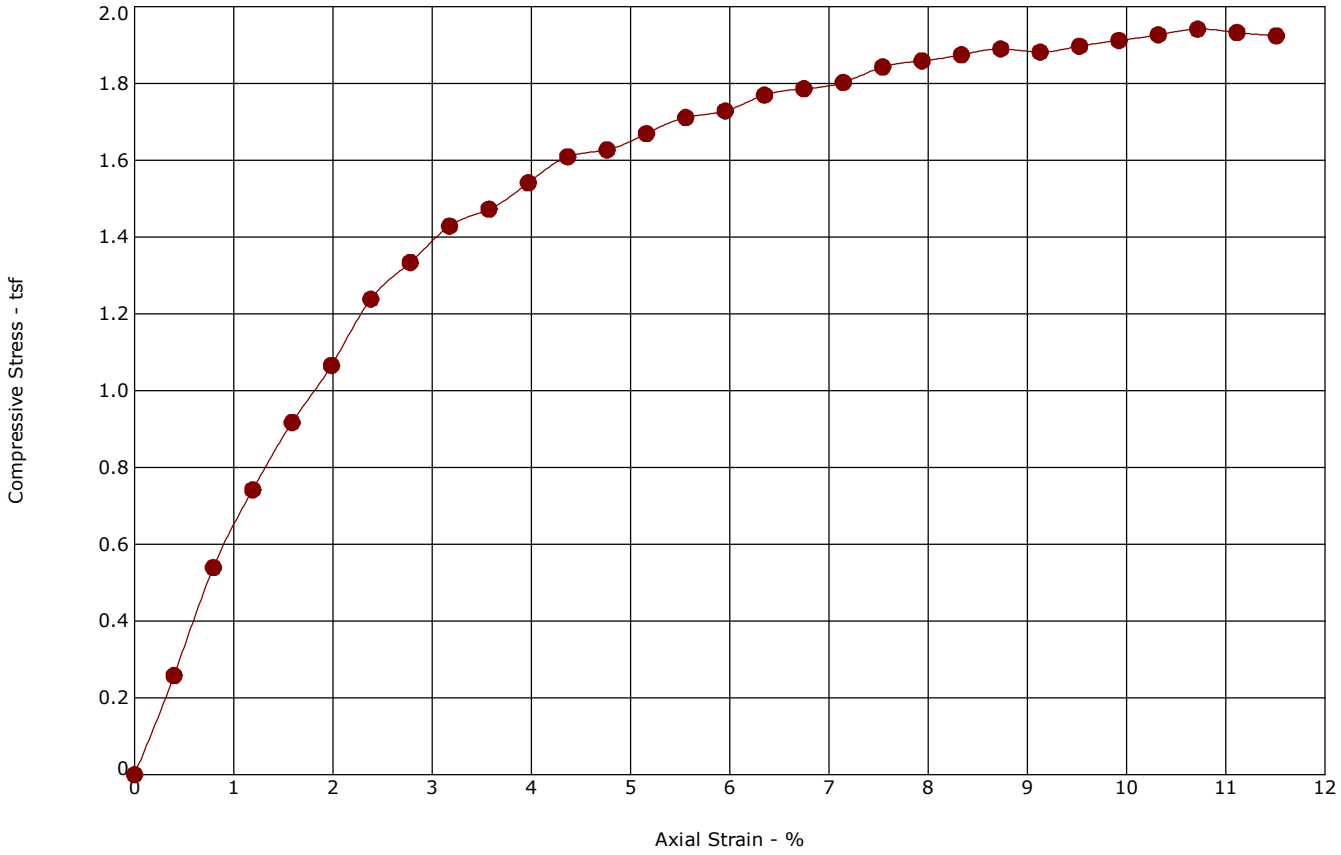
Unconfined Compression Test

ASTM D2166



Boring ID	Depth (Ft)	Sample type	LL	PL	PI	Fines (%)	Description
B-20	7.5 - 9	DMRS					LEAN CLAY with SAND

Specimen Failure Mode

Specimen Test Data

Moisture Content (%):	14.7
Dry Density (pcf):	115
Diameter (in.):	1.88
Height (in.):	5.04
Height / Diameter Ratio:	2.68
Calculated Saturation (%):	85.06
Calculated Void Ratio:	0.47
Assumed Specific Gravity:	2.7
Failure Strain (%):	10.72
Unconfined Compressive Strength (tsf):	1.94
Undrained Shear Strength (tsf):	0.97
Strain Rate (in/min):	
Remarks:	

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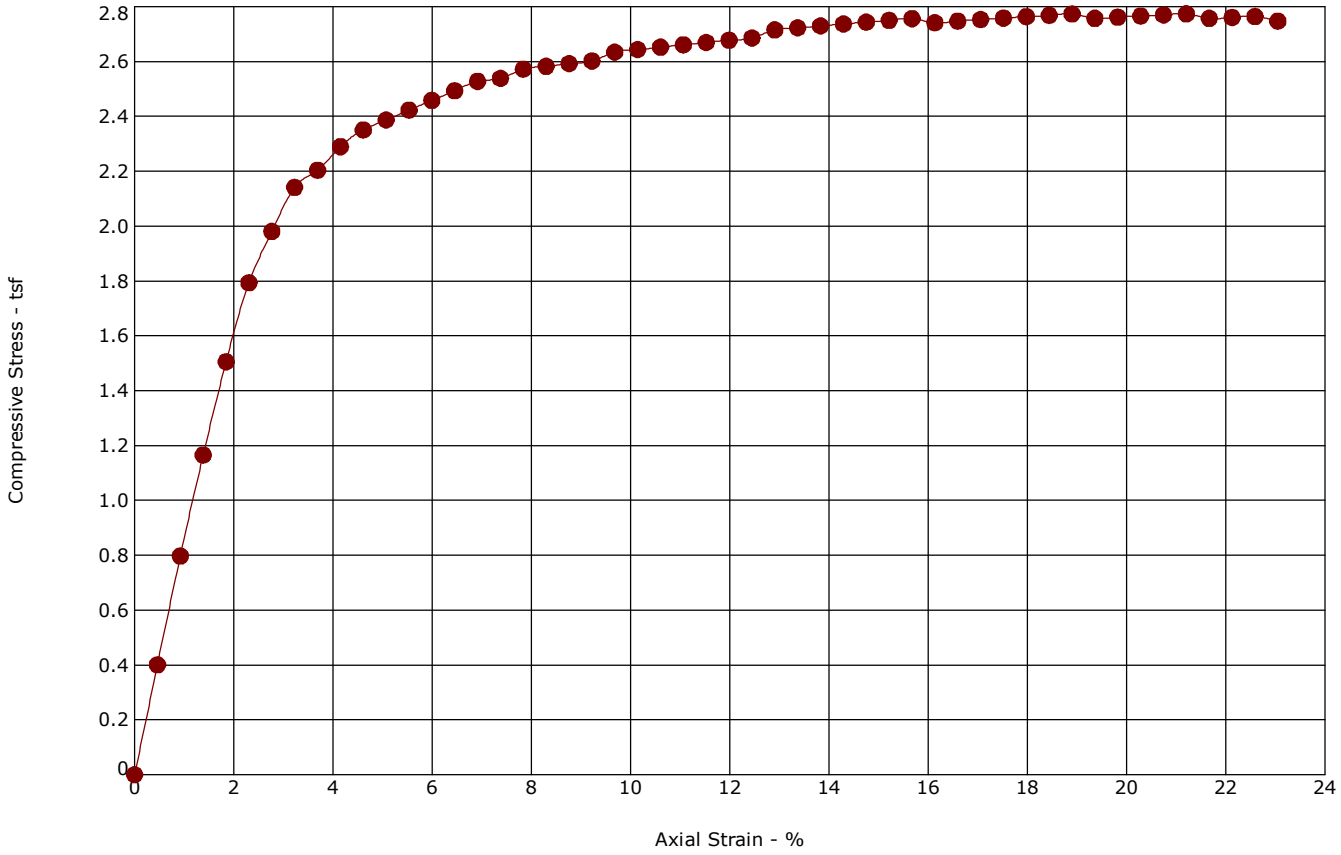
Unconfined Compression Test

ASTM D2166



Boring ID	Depth (Ft)	Sample type	LL	PL	PI	Fines (%)	Description
B-25	7.5 - 9	DMRS	46	15	31		LEAN CLAY with SAND

Specimen Failure Mode

Specimen Test Data

Moisture Content (%):	13.9
Dry Density (pcf):	116
Diameter (in.):	1.91
Height (in.):	4.34
Height / Diameter Ratio:	2.27
Calculated Saturation (%):	82.95
Calculated Void Ratio:	0.45
Assumed Specific Gravity:	2.7
Failure Strain (%):	15.00
Unconfined Compressive Strength (tsf):	2.75
Undrained Shear Strength (tsf):	1.37
Strain Rate (in/min):	
Remarks:	

Expansion Index of Soils

ASTM D 4829-21

JOB NUMBER	NB235025	**DATE RECEIVED**	1/10/2024
JOB NAME	Foothills Commerce Center	**DATE TESTED**	1/3/2024
SAMPLE ID	B17	**TECHNICIAN**	S.Claar
SAMPLE INFO	Bulk 0'-5' (Blend of Silty Sand and Sandy Clay)	**PROJECT MANAGER**	S.Delgado

As Rec'd Moisture Specimen	
Tare #	27
Tare Wt. (gms)	103.73
Tare + Wet Soil (gms)	391.96
Tare + Dry Soil (gms)	372.19
% Moisture	7.4

Expansion Index Sample Moisture Adjustment	
Original Sample Wt. Wet (gms)	1000
Original Sample Wt. Dry (gms)	931.4
Final Sample Wt. Wet (gms)	1045
Test Sample % Moisture	12.2

Expansion Index Sample Test Data	
Specimen Height (in)	1.00
Exp. Ring Wt. (gms)	367.4
Ring + Specimen (gms)	739.6
Wet Density of Specimen (lbs/cf)	112.9
Dry Density of Specimen (lbs/cf)	100.6
% Saturation	49.0

Potential Expansion Based on EI	
Expansion Index	**Potential Exp.**
0-20	**Very Low**
21-50	**Low**
51-90	**Medium**
91-130	**High**
>130	**Very High**

Instructions for Running Test

1. Assemble the device with the load on top, then set-up and zero the deformation indicator. Record initial deformation reading.

2. Allow to compress under the load for 10 minutes.

3. Immediately inundate specimen with distilled water.

4. Begin taking deformation readings in accordance with the time schedule for a period of 24 hours or until rate of expansion becomes less than 0.0002 in/hr (readings must be taken for a

Expansion Test Data

Reading #	Time	Date	Dial Reading (in)	Δ In Height (in)
Initial [1.]	8:45:00 AM	1/3/2024	0	
10 min rest [2.]	8:55:00 AM	1/3/2024		
Add Water [3.]	-	-	-	-
Start [4.]	8:55:00 AM	1/3/2024	-	-
6 sec	8:55:06 AM	1/3/2024	-10.0000	
15 sec	8:55:15 AM	1/3/2024	-16.0000	
30 sec	8:55:30 AM	1/3/2024	-17.0000	
1 min	8:56:00 AM	1/3/2024	-12.0000	5.0000
2 min	8:57:00 AM	1/3/2024	0.0110	12.0110
4 min	8:59:00 AM	1/3/2024	0.0054	
8 min	9:03:00 AM	1/3/2024	0.0112	0.0058
15 min	9:10:00 AM	1/3/2024	0.0161	0.0049
30 min	9:25:00 AM	1/3/2024	0.0210	0.0049
I hr	9:55:00 AM	1/3/2024	0.0236	0.0026
2 hr	10:55:00 AM	1/3/2024	0.0250	0.0014
4 hr	12:55:00 PM	1/3/2024	0.0259	0.0009
8 hr	4:55:00 PM	1/3/2024	0.0267	0.0008
24 hr	8:45:00 AM	1/4/2024	0.0280	0.0280

Post Expansion Moisture	
Tare #	SUH
Tare Wt. (gms)	111.11
Exp. Ring Wt. (gms)	367.4
Tare + Exp. Ring + Wet Soil (gms)	898.15
Tare + Exp. Ring + Dry Soil (gms)	811.39
% Moisture	26.1

Expansion Index	**28**
Exp Ind. Corrected	**27**

Terracon

902 Industrial Way
Lodi, California 95240
(209) 367-3701

Client
M4 Foothills Land LLC

Project
Foothills Commerce Center

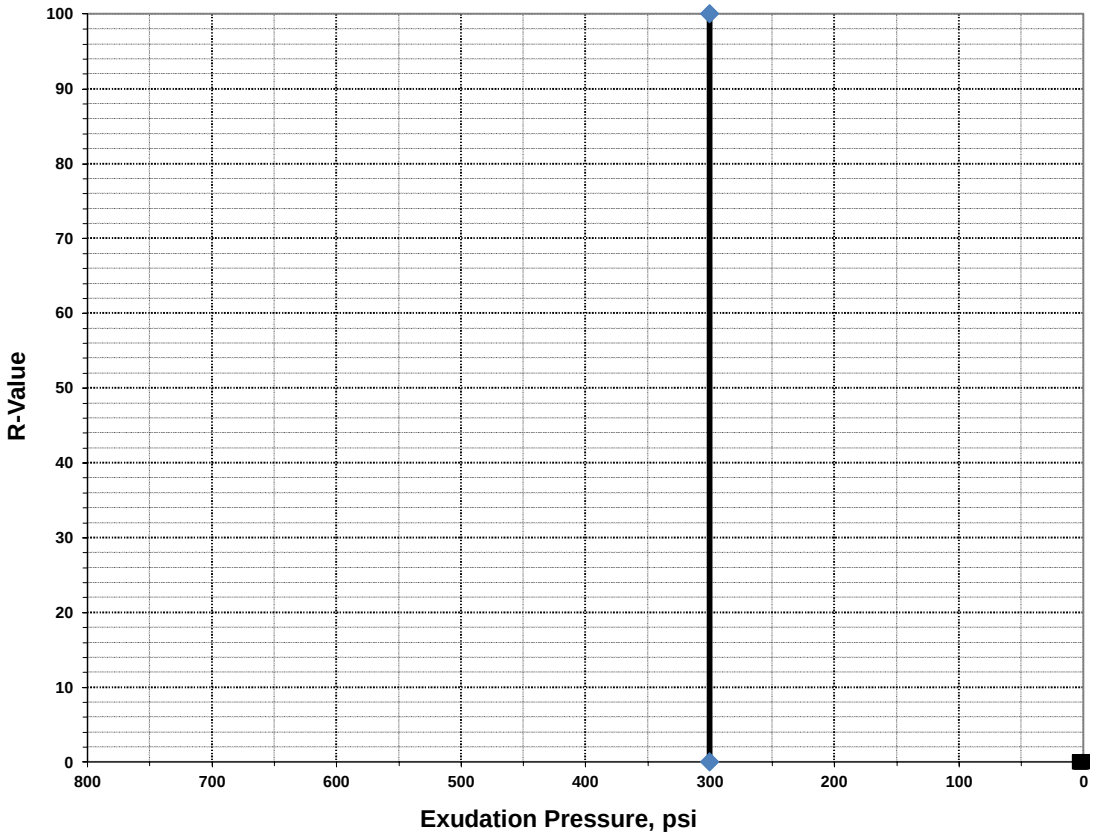
Sample Submitted By: Terracon (NB) **Date Tested:** 12/29/2023 **Project Number:** NB235025

Results of Corrosion Analysis

Sample Type	CARS	CARS
Sample Location	B-8	B-21
Sample Depth (ft.)	3.5-4.0	3.5-4.0
pH Analysis, ASTM G 51	7.36	6.86
Water Soluble Sulfate (SO4), ASTM D516 (%)	0.006	0.003
Sulfides, AWWA 4500-S^{2-} D, (mg/kg)	1.29	< 0.1
Chlorides, AWWA 4500-CL^{-} E (%)	nil	0.001
Red-Ox, ASTM G 200, (mV)	+204	+217
Total Salts, AWWA 2520 B, (mg/kg)	63.0	85.5
Saturated Minimum Resistivity, ASTM G 57, (ohm-cm)	2,100	2,500

Reviewed By: *Paula Arends*
Paula Arends
Laboratory Manager

The tests were performed in general accordance with applicable ASTM and AWWA test methods. This report is exclusively for the use of the client indicated above and shall not be reproduced except in full without the written consent. Test results transmitted herein are only applicable to the actual samples tested at the location(s) referenced and are not necessarily indicative of the properties of other apparently similar or identical materials.

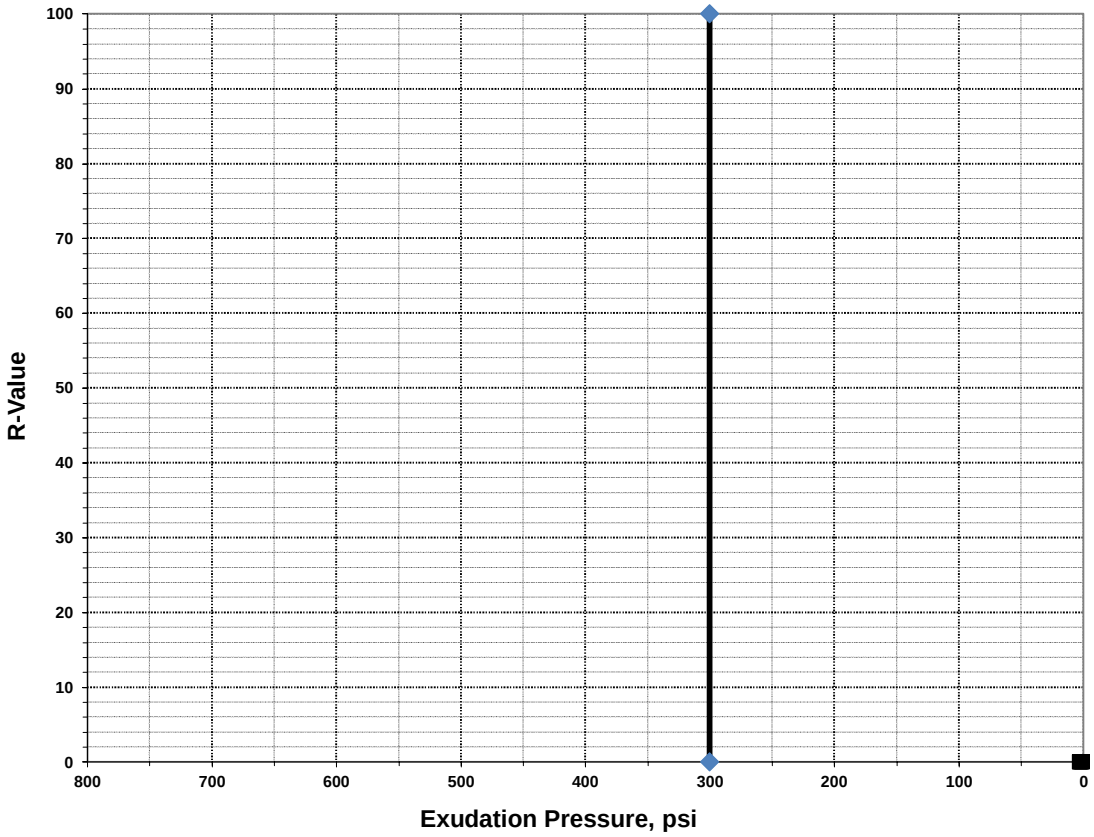


Specimen Identification	Compaction Pressure (psi)	R-Value at 300 psi
B-29 @ 0.0 Ft	**80.0**	**<5**

Material extruded from bottom of mold during exudation on 1st attempt. Test aborted. Material has an R-value of <5

R-Value Test

Client:	M4 Foothills Land LLC
Project:	Foothills Commerce Center
Site:	Foothills Blvd and Winding Creek Blvd
Project No.:	NB235025

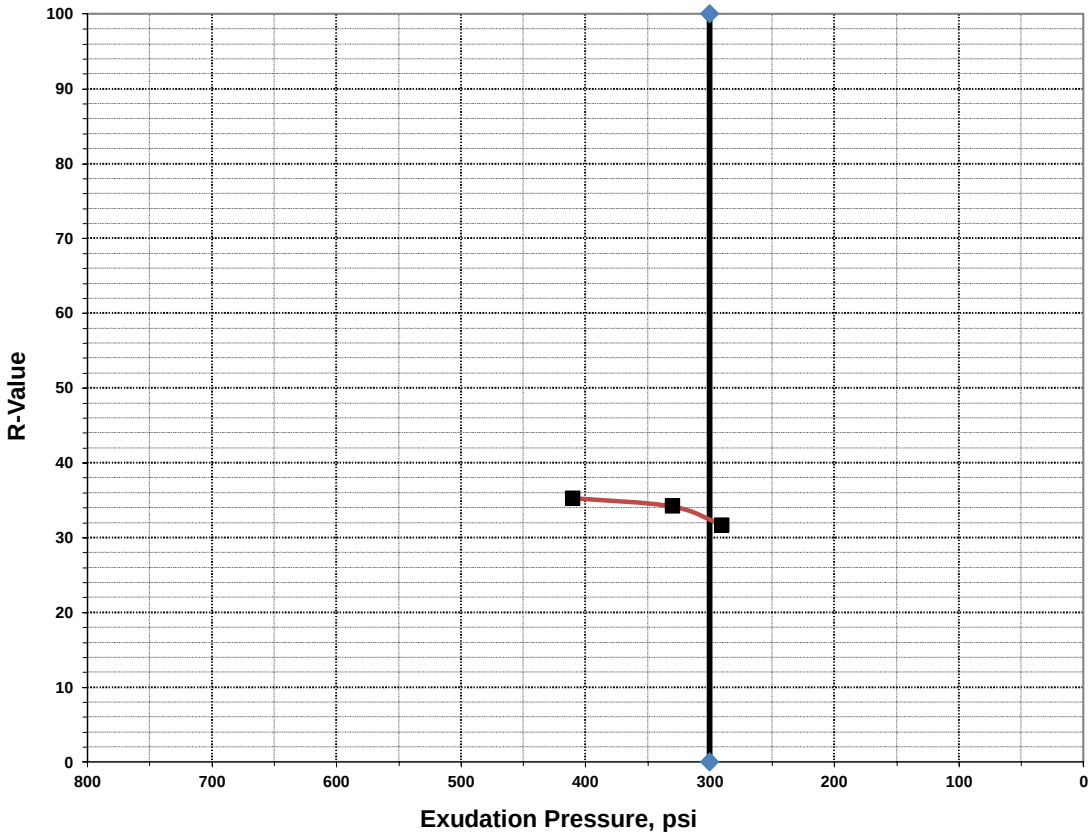


Specimen Identification	Compaction Pressure (psi)	R-Value at 300 psi
B-34 @ 0.0 Ft	**90.0**	**<5**

Material extruded from bottom of mold during exudation on 1st attempt. Test aborted. Material has an R-value of <5

R-Value Test

Client:	M4 Foothills Land LLC
Project:	Foothills Commerce Center
Site:	Foothills Blvd and Winding Creek Blvd
Project No.:	NB235025



Specimen Identification	Compaction Pressure (psi)	R-Value at 300 psi
B-37 @ 0.0-5.0 ft	**250.0**	**32**

R-Value Test

Client:	M4 Foothills Land LLC
Project:	Foothills Commerce Center
Site:	Foothills Blvd and Winding Creek Blvd
Project No.:	NB235025

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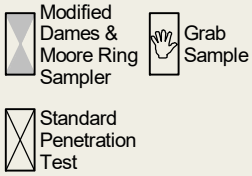
General Notes

Sampling



Water Level

Water Initially Encountered

Water Level After a Specified Period of Time

Water Level After a Specified Period of Time

Cave In Encountered

Water levels indicated on the soil boring logs are the levels measured in the borehole at the times indicated. Groundwater level variations will occur over time. In low permeability soils, accurate determination of groundwater levels is not possible with short term water level observations.

Field Tests

N	Standard Penetration Test Resistance (Blows/Ft.)
(HP)	Hand Penetrometer
(T)	Torvane
(DCP)	Dynamic Cone Penetrometer
UC	Unconfined Compressive Strength
(PID)	Photo-Ionization Detector
(OVA)	Organic Vapor Analyzer

Descriptive Soil Classification

Soil classification as noted on the soil boring logs is based Unified Soil Classification System. Where sufficient laboratory data exist to classify the soils consistent with ASTM D2487 "Classification of Soils for Engineering Purposes" this procedure is used. ASTM D2488 "Description and Identification of Soils (Visual-Manual Procedure)" is also used to classify the soils, particularly where insufficient laboratory data exist to classify the soils in accordance with ASTM D2487. In addition to USCS classification, coarse grained soils are classified on the basis of their in-place relative density, and fine-grained soils are classified on the basis of their consistency. See "Strength Terms" table below for details. The ASTM standards noted above are for reference to methodology in general. In some cases, variations to methods are applied as a result of local practice or professional judgment.

Location And Elevation Notes

Exploration point locations as shown on the Exploration Plan and as noted on the soil boring logs in the form of Latitude and Longitude are approximate. See Exploration and Testing Procedures in the report for the methods used to locate the exploration points for this project. Surface elevation data annotated with +/- indicates that no actual topographical survey was conducted to confirm the surface elevation. Instead, the surface elevation was approximately determined from topographic maps of the area.

Strength Terms

Relative Density of Coarse-Grained Soils
(More than 50% retained on No. 200 sieve.)
Density determined by Standard Penetration Resistance

Relative Density	Standard Penetration or N-Value (Blows/Ft.)	Ring Sampler (Blows/Ft.)
Very Loose	0 - 3	0 - 6
Loose	4 - 9	7 - 18
Medium Dense	10 - 29	19 - 58
Dense	30 - 50	59 - 98
Very Dense	> 50	> 99

Consistency of Fine-Grained Soils
(50% or more passing the No. 200 sieve.)
Consistency determined by laboratory shear strength testing, field visual-manual procedures or standard penetration resistance

Consistency	Unconfined Compressive Strength Qu (tsf)	Standard Penetration or N-Value (Blows/Ft.)	Ring Sampler (Blows/Ft.)
Very Soft	less than 0.25	0 - 1	< 3
Soft	0.25 to 0.50	2 - 4	3 - 4
Medium Stiff	0.50 to 1.00	4 - 8	5 - 9
Stiff	1.00 to 2.00	8 - 15	10 - 18
Very Stiff	2.00 to 4.00	15 - 30	19 - 42
Hard	> 4.00	> 30	> 42

Relevance of Exploration and Laboratory Test Results

Exploration/field results and/or laboratory test data contained within this document are intended for application to the project as described in this document. Use of such exploration/field results and/or laboratory test data should not be used independently of this document.

Supporting Information

Contents:

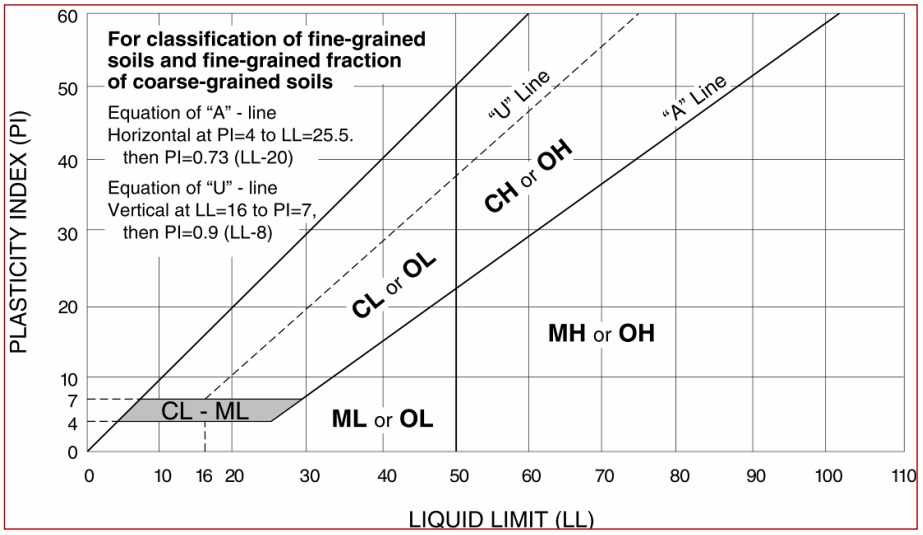
General Notes
Unified Soil Classification System

Note: All attachments are one page unless noted above.

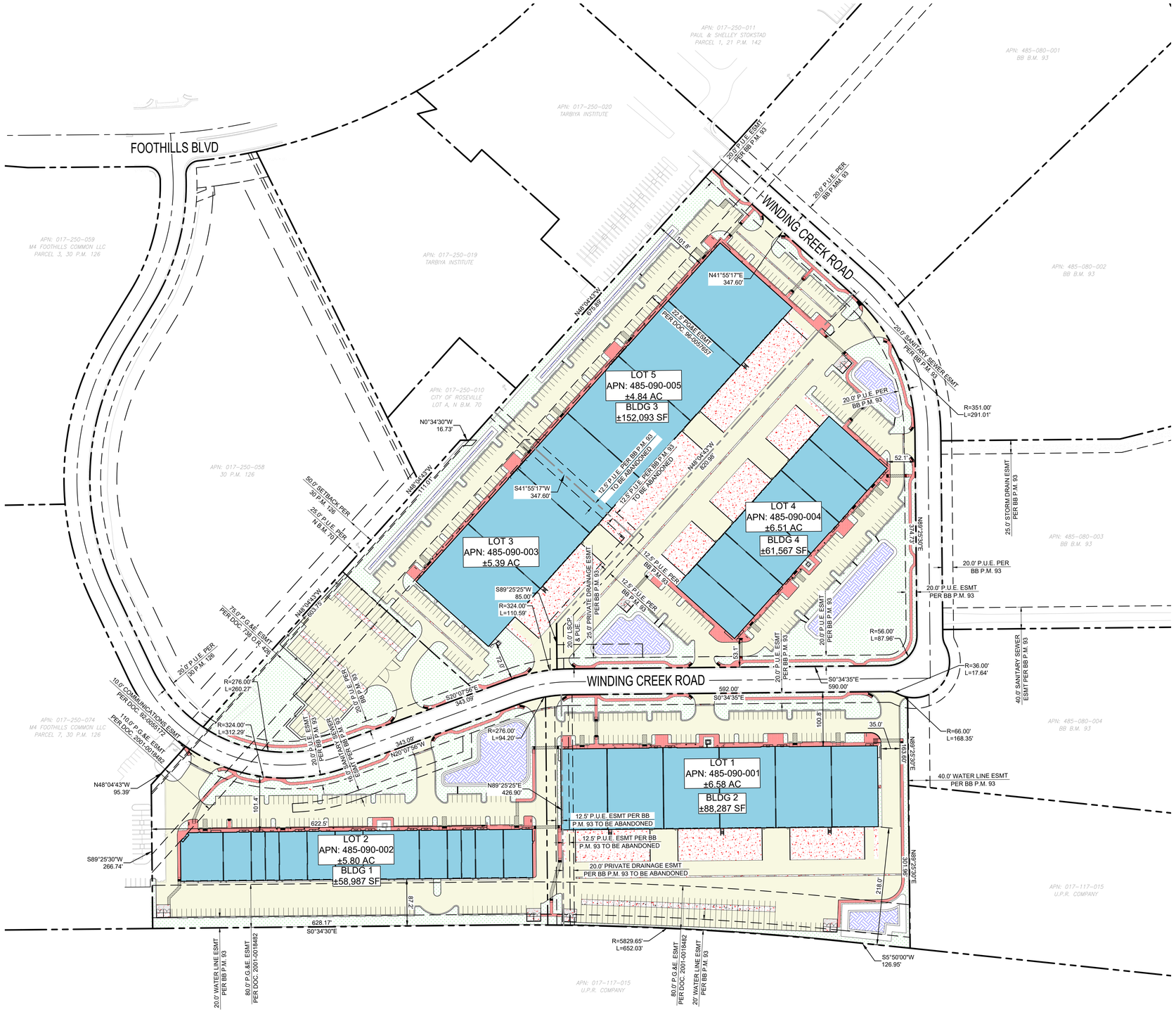
Unified Soil Classification System

Criteria for Assigning Group Symbols and Group Names Using Laboratory Tests [A]				Soil Classification	
				Group Symbol	Group Name [B]
Coarse-Grained Soils: More than 50% retained on No. 4 sieve	**Gravels:** More than 50% of coarse fraction retained on No. 4 sieve	**Clean Gravels:** Less than 5% fines [C]	Cu≥4 and 1≤Cc≤3 [E]	GW	Well-graded gravel [F]
			Cu<4 and/or [Cc<1 or Cc>3.0] [E]	GP	Poorly graded gravel [F]
		Gravels with Fines: More than 12% fines [C]	Fines classify as ML or MH	GM	Silty gravel [F, G, H]
			Fines classify as CL or CH	GC	Clayey gravel [F, G, H]
	Sands: 50% or more of coarse fraction passes No. 4 sieve	**Clean Sands:** Less than 5% fines [D]	Cu≥6 and 1≤Cc≤3 [E]	SW	Well-graded sand [I]
			Cu<6 and/or [Cc<1 or Cc>3.0] [E]	SP	Poorly graded sand [I]
		Sands with Fines: More than 12% fines [D]	Fines classify as ML or MH	SM	Silty sand [G, H, I]
			Fines classify as CL or CH	SC	Clayey sand [G, H, I]
Fine-Grained Soils: 50% or more passes the No. 200 sieve	**Silts and Clays:** Liquid limit less than 50	**Inorganic:**	PI > 7 and plots above "A" line [J]	CL	Lean clay [K, L, M]
			PI < 4 or plots below "A" line [J]	ML	Silt [K, L, M]
		Organic:	$\frac{LL\ oven\ dried}{LL\ not\ dried} < 0.75$	OL	Organic clay [K, L, M, N]
					Organic silt [K, L, M, O]
	Silts and Clays: Liquid limit 50 or more	**Inorganic:**	PI plots on or above "A" line	CH	Fat clay [K, L, M]
			PI plots below "A" line	MH	Elastic silt [K, L, M]
		Organic:	$\frac{LL\ oven\ dried}{LL\ not\ dried} < 0.75$	OH	Organic clay [K, L, M, P]
					Organic silt [K, L, M, Q]
Highly organic soils:	Primarily organic matter, dark in color, and organic odor			PT	Peat

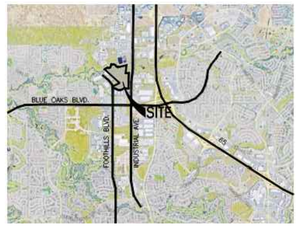
[A] Based on the material passing the 3-inch (75-mm) sieve.
[B] If field sample contained cobbles or boulders, or both, add "with cobbles or boulders, or both" to group name.
[C] Gravels with 5 to 12% fines require dual symbols: GW-GM well-graded gravel with silt, GW-GC well-graded gravel with clay, GP-GM poorly graded gravel with silt, GP-GC poorly graded gravel with clay.
[D] Sands with 5 to 12% fines require dual symbols: SW-SM well-graded sand with silt, SW-SC well-graded sand with clay, SP-SM poorly graded sand with silt, SP-SC poorly graded sand with clay.
[E] $Cu = D_{60}/D_{10}$ $Cc = \frac{(D_{30})^2}{D_{10} \times D_{60}}$
[F] If soil contains ≥ 15% sand, add "with sand" to group name.
[G] If fines classify as CL-ML, use dual symbol GC-GM, or SC-SM.
[H] If fines are organic, add "with organic fines" to group name.
[I] If soil contains ≥ 15% gravel, add "with gravel" to group name.
[J] If Atterberg limits plot in shaded area, soil is a CL-ML, silty clay.
[K] If soil contains 15 to 29% plus No. 200, add "with sand" or "with gravel," whichever is predominant.
[L] If soil contains ≥ 30% plus No. 200 predominantly sand, add "sandy" to group name.
[M] If soil contains ≥ 30% plus No. 200, predominantly gravel, add "gravelly" to group name.
[N] PI ≥ 4 and plots on or above "A" line.
[O] PI < 4 or plots below "A" line.
[P] PI plots on or above "A" line.
[Q] PI plots below "A" line.



PC EXHIBIT B



VICINITY MAP



PROJECT SUMMARY

PROJECT ADDRESS:
1100 WINDING CREEK RD, ROSEVILLE CA 95678

AREA
AREA: 29.12± ACRES
APN: 485-090-001, (LOT 1) (6.58 AC)
APN: 485-090-002, (LOT 2) (5.80 AC)
APN: 485-090-003, (LOT 3) (5.39 AC)
APN: 485-090-004, (LOT 4) (6.51 AC)
APN: 485-090-005, (LOT 5) (4.84 AC)

SPECIFIC PLAN
NORTH INDUSTRIAL PLANNING AREA
PARCELS LI-44 AND LI-45

LAND USE DESIGNATION
LIGHT INDUSTRIAL (LI)

ZONING
LIGHT INDUSTRIAL (M-1)

PROPOSED USES
INDUSTRIAL OFFICE SPACE
INDUSTRIAL WAREHOUSE

DEVELOPER
MARK IV CAPITAL
4450 MACARTHUR BLVD., 2ND FLOOR
NEWPORT BEACH, CA 92660
ATTN: TANNER WILSON
TWILSON@MARKIV.COM

ENGINEER
KIMLEY-HORN AND ASSOCIATES
555 CAPITOL MALL SUITE 300
SACRAMENTO, CA 95814
ATTN: JARED FREY
JARED.FREY@KIMLEY-HORN.COM

ARCHITECT
HPA ARCHITECTURE
600 GRAD AVENUE, SUITE 302
OAKLAND, CA 94610
ATTN: KUN ZHANG
KUN.ZHANG@HPAARCHS.COM

LEGEND

- CENTERLINE
- PROPERTY LINE
- EXISTING PROPERTY LINE
- RIGHT-OF-WAY LINE
- EASEMENT
- ASPHALT PAVEMENT
- LANDSCAPE AREA
- CONCRETE SIDEWALK
- BUILDING AREA
- CONCRETE PAVEMENT
- BIORETENTION

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160

SCALE
1" = 80'
WHEN PRINTED AT FULL SIZE (30"X42")

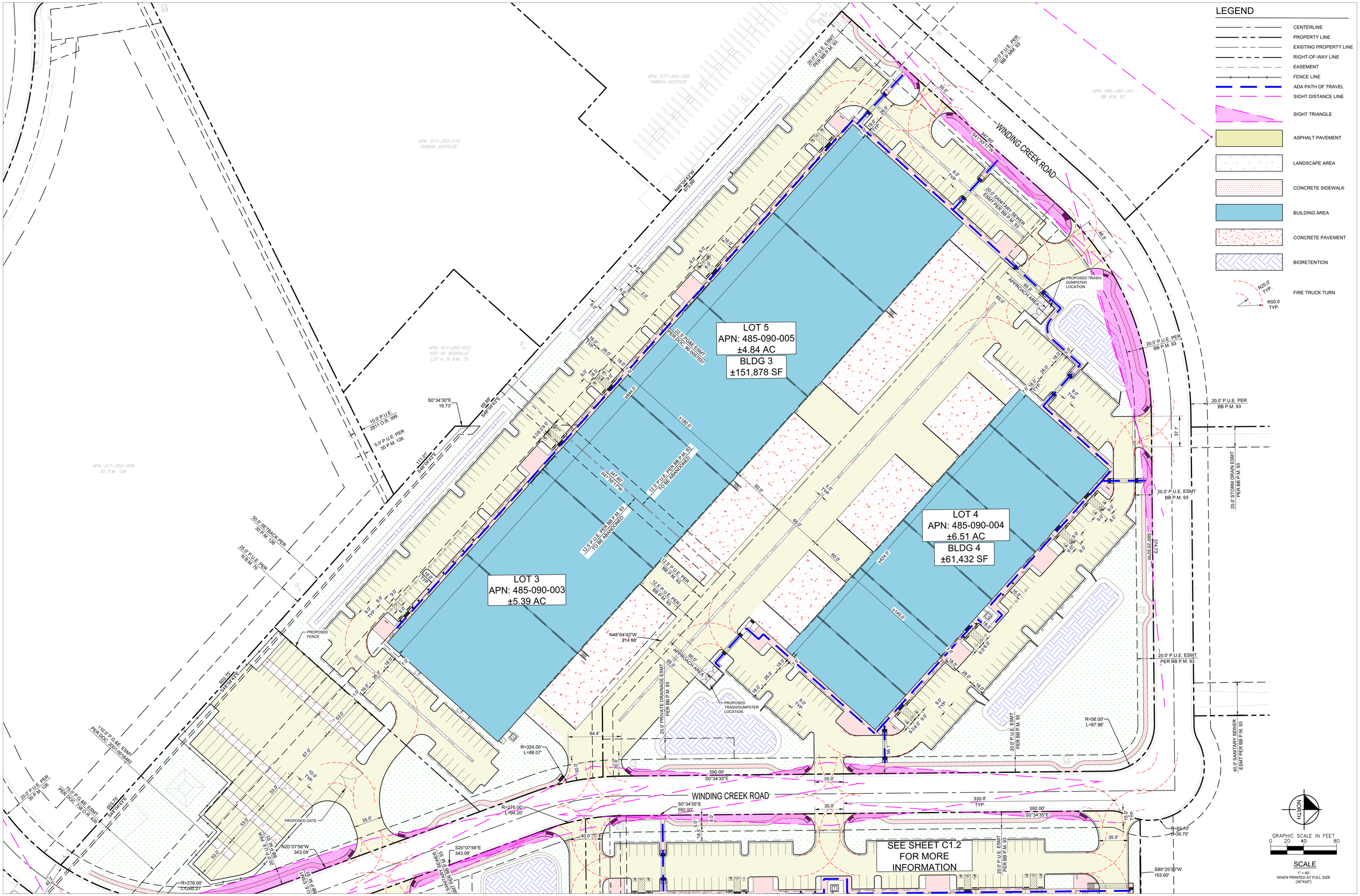
MARK IV CAPITAL

1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

OVERALL SITE PLAN

C1.0

Kimley»Horn



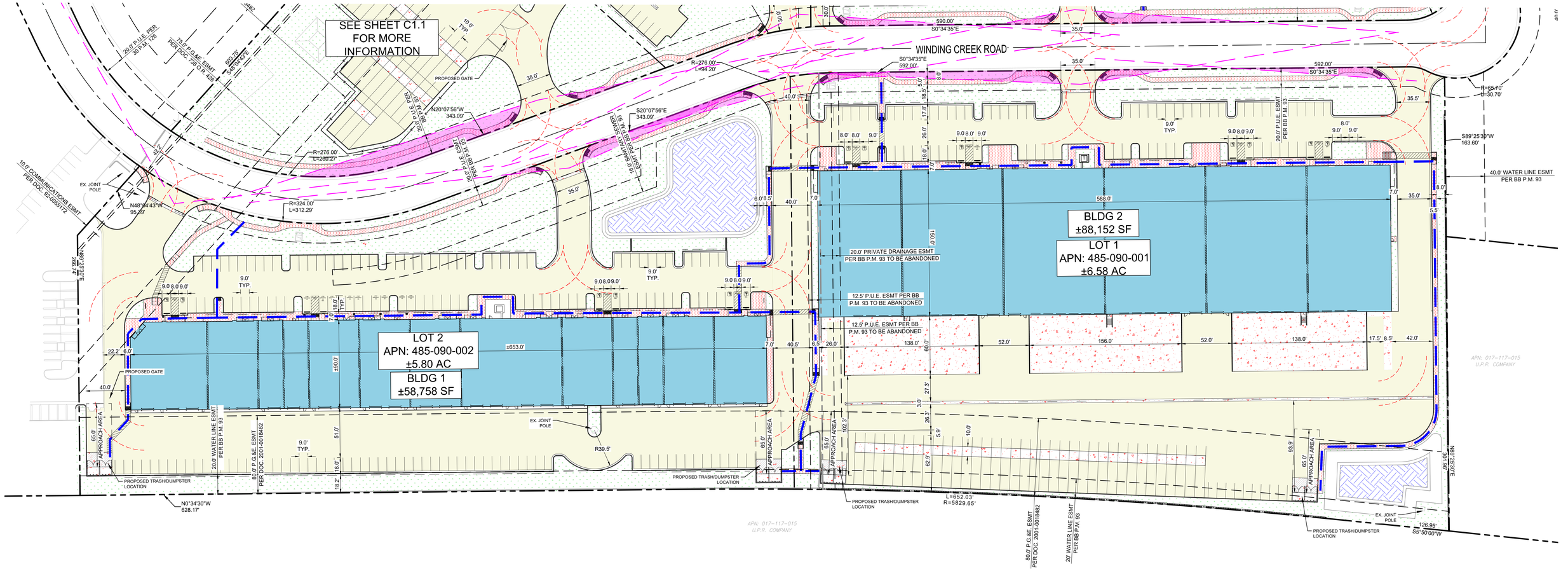
1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

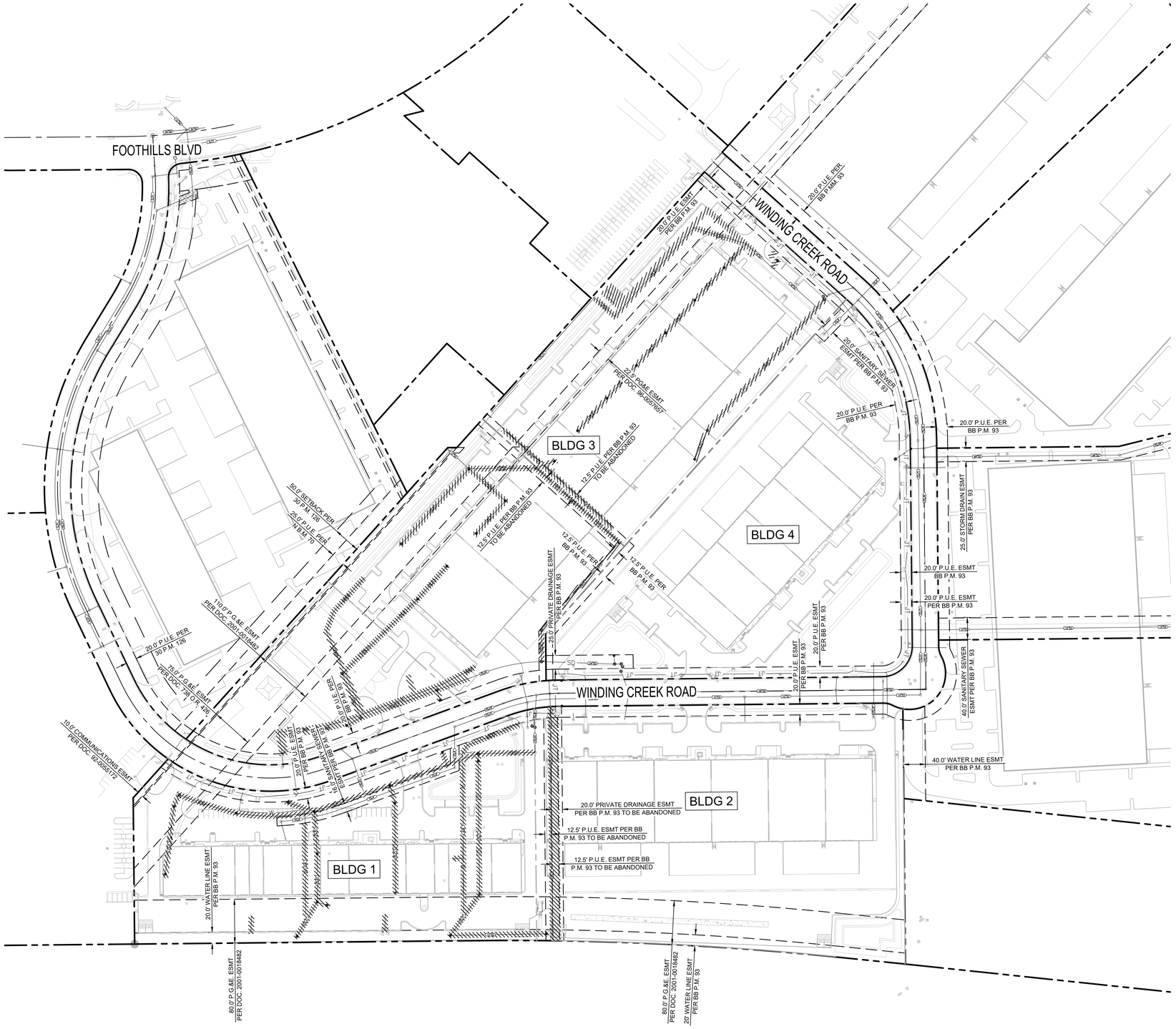
SITE PLAN

C1.1

MARK IV CAPITAL

Kimley»Horn


SEE SHEET C1.1 FOR MORE INFORMATION
WINDING CREEK ROAD
BLDG 2
±88,152 SF
LOT 1
APN: 485-090-001
±6.58 AC
LOT 2
APN: 485-090-002
±5.80 AC
BLDG 1
±58,758 SF
20.0' PRIVATE DRAINAGE ESMT PER BB P.M. 93 TO BE ABANDONED
12.5' P.U.E. ESMT PER BB P.M. 93 TO BE ABANDONED
PROPOSED GATE
PROPOSED TRASH/DUMPSTER LOCATION
EX. JOINT POLE
APPROACH AREA
20.0' WATER LINE ESMT PER BB P.M. 93
80.0' P.G.&E. ESMT PER DOC. 2001-0018462
40.0' WATER LINE ESMT PER BB P.M. 93
10.0' COMMUNICATIONS ESMT PER DOC. 92-0065172
20.0' P.U.E. PER 50 P.M. 126
75.0' P.G.&E. ESMT PER DOC. 748 O.R. 428
20.0' P.U.E. PER BB P.M. 93
10.0' SANITARY SEWER ESMT PER BB P.M. 93
APN: 017-117-015 U.P.R. COMPANY
N0°34'30"W 628.17'
N89°25'30"E 201.74'
S89°25'30"W 163.60'
S0°50'00"W 126.95'
L=652.03'
R=5829.65'
R39.5'
N48°44'43"W 95.29'
N20°07'56"W 343.09'
S20°07'56"E 343.09'
R=276.00' L=260.27'
R=324.00' L=312.29'
R=276.00' L=94.20'
R=65.70' D=30.70'
590.00' S0°34'35"E
592.00' S0°34'35"E
588.0'
±653.0'
±90.0'
102.3'
LEGEND
CENTERLINE
PROPERTY LINE
EXISTING PROPERTY LINE
RIGHT-OF-WAY LINE
EASEMENT
FENCE LINE
ADA PATH OF TRAVEL
SIGHT DISTANCE LINE
SIGHT TRIANGLE
ASPHALT PAVEMENT
LANDSCAPE AREA
CONCRETE SIDEWALK
BUILDING AREA
CONCRETE PAVEMENT
BIORETENTION
FIRE TRUCK TURN
R25.0' TYP.
R50.0' TYP.
NORTH
GRAPHIC SCALE IN FEET
0 20 40 80
SCALE
1" = 40'
WHEN PRINTED AT FULL SIZE (30"X42")



LEGEND

DEMOLITION OF WET UTILITY

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160

SCALE
1" = 80'
WHEN PRINTED AT FULL SIZE (30"X42")

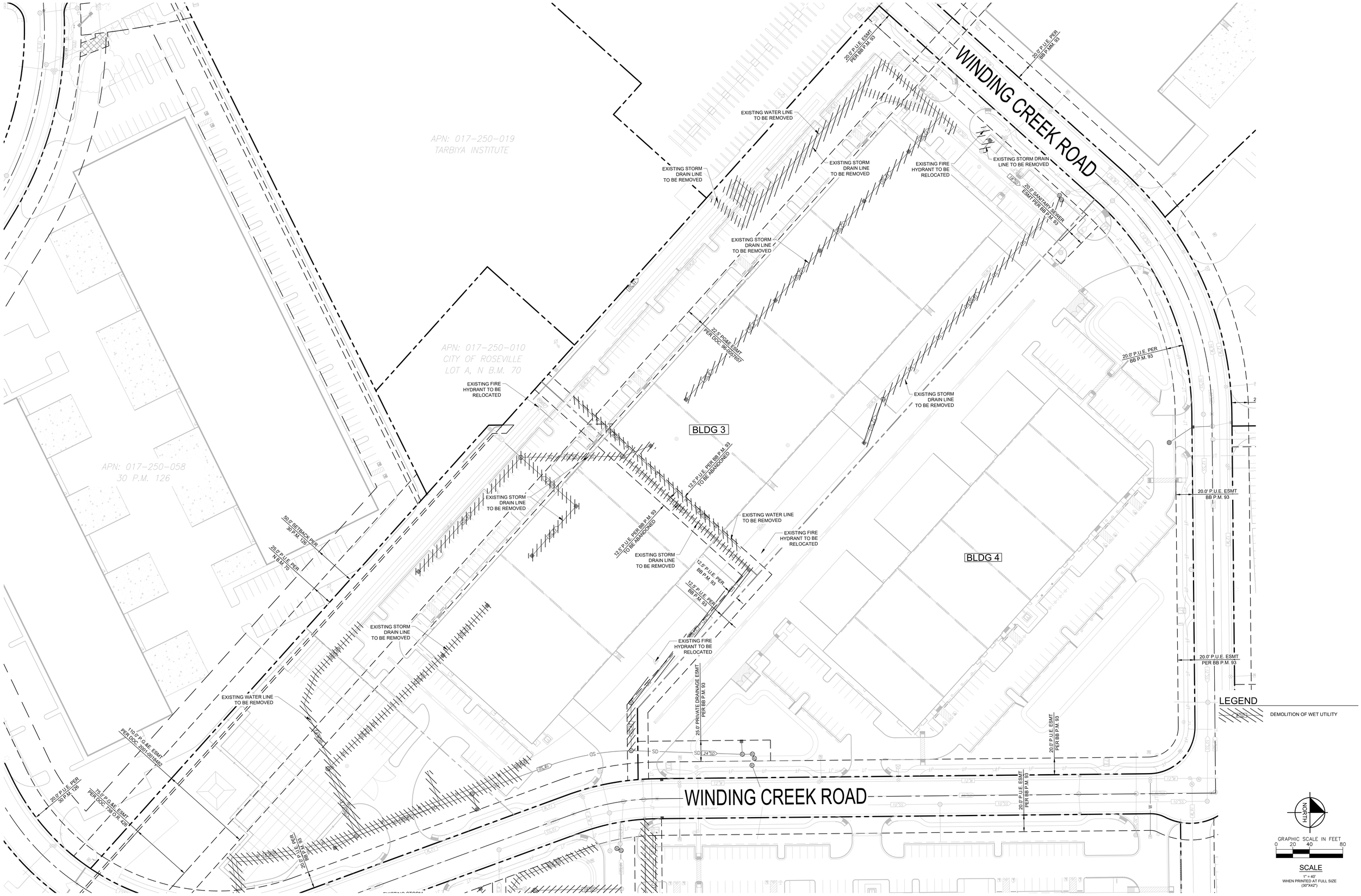
1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

OVERALL WET DEMOLITION UTILITY PLAN

C2.0

MARK IV CAPITAL

Kimley»Horn



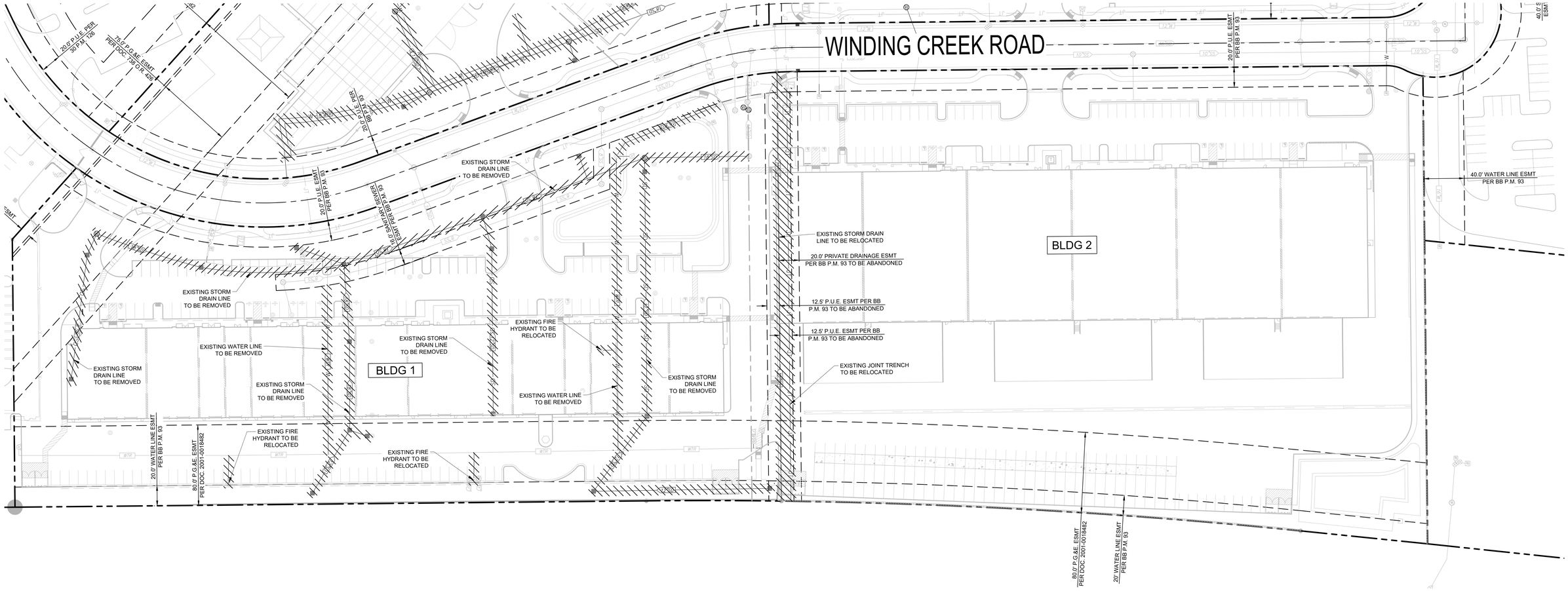
1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

WET DEMOLITION UTILITIES PLAN

C2.1

MARK IV CAPITAL

Kimley»Horn



LEGEND

DEMOLITION OF WET UTILITY

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

SCALE
1" = 40'
WHEN PRINTED AT FULL SIZE (30"X42")

1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

WET DEMOLITION UTILITIES PLAN

C2.2

MARK IV CAPITAL

Kimley»Horn

ESTIMATED EARTHWORK QUANTITIES

CUT	FILL	NET
77,000 CY	26,500 CY	50,500 CY CUT

NOTE: THE ABOVE QUANTITIES ARE APPROXIMATE IN PLACE VOLUMES CALCULATED FROM THE EXISTING GROUND TO THE PROPOSED FINISHED GRADE. EXISTING GROUND IS DEFINED BY THE CONTOURS AND SPOT GRADES ON THE BASE SURVEY. PROPOSED FINISHED GRADE IS DEFINED AS THE FINAL GRADE AS INDICATED ON THE GRADING PLAN(S). THE EARTHWORK QUANTITIES ONLY ACCOUNT FOR COMPARISON OF THE EXISTING TOP SURFACE TO THE PROPOSED FINISHED GRADE SURFACE.

THE EARTHWORK QUANTITIES ABOVE ARE FOR PERMIT PURPOSES ONLY. THEY HAVE NOT BEEN FACTORED TO ACCOUNT FOR CHANGES IN VOLUME DUE TO BULKING, CLEARING AND GRUBBING, SHRINKAGE, OVER- EXCAVATION AND RE-COMPACTION, AND CONSTRUCTION METHODS. NOR DO THEY ACCOUNT FOR THE THICKNESS OF PAVEMENT SECTIONS, UTILITY TRENCHES, FOOTINGS, SLABS, FOUNDATIONS, REUSE OF PULVERIZED MATERIALS THAT WILL UNDERLIE NEW PAVEMENTS, ETC. THE CONTRACTOR SHALL RELY ON THEIR OWN EARTHWORK ESTIMATES FOR BIDDING PURPOSES.

LEGEND

- CENTERLINE
- PROPERTY LINE
- EX. PROPERTY LINE
- RIGHT-OF-WAY LINE
- SD — PROPOSED STORM DRAIN PIPE
- SD — EXISTING STORM DRAIN PIPE
- 120 — PROPOSED CONTOURS
- 120 — EXISTING CONTOURS
- R — RIDGE
- LP — LOW POINT
- BIORETENTION
- LANDSCAPE

NOTES

1. PROPOSED PIPE SIZE CALLOUTS ONLY SHOWN ON PIPES WHERE PIPE SIZE CHANGE.

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160

SCALE
1" = 80'
WHEN PRINTED AT FULL SIZE (30"X42")

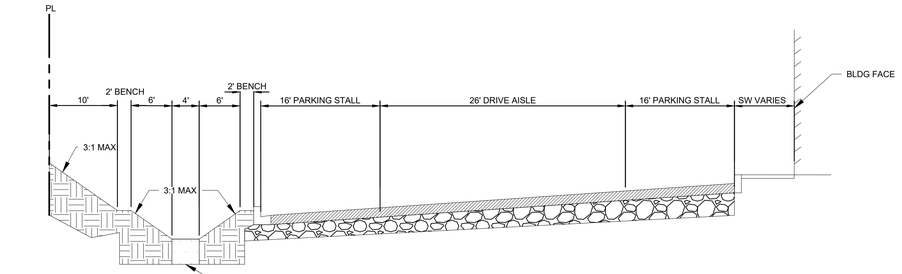
MARK IV CAPITAL

1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

OVERALL GRADING

C3.0

Kimley»Horn



1 SECTION 1-1

NTS

LEGEND

- CENTERLINE
- PROPERTY LINE
- EX. PROPERTY LINE
- RIGHT-OF-WAY LINE
- SD — PROPOSED STORM DRAIN PIPE
- SD — EXISTING STORM DRAIN PIPE
- W — EXISTING WATER PIPE
- 120 — PROPOSED CONTOURS
- 120 — EXISTING CONTOURS
- LP — LOW POINT
- R — RIDGE
- RETAINING WALL
- BIORETENTION
- LANDSCAPE
- OVERLAND RELEASE

NOTES

1. PROPOSED PIPE SIZE CALLOUTS ONLY SHOWN ON PIPES WHERE PIPE SIZE CHANGE.

BLDG 3
FF = 116.50

BLDG 4
FF = 115.00

WINDING CREEK ROAD

SEE SHEET C3.2
FOR MORE
INFORMATION

GRAPHIC SCALE IN FEET
0 20 40 80

SCALE
1" = 40'
WHEN PRINTED AT FULL SIZE (30"X42")

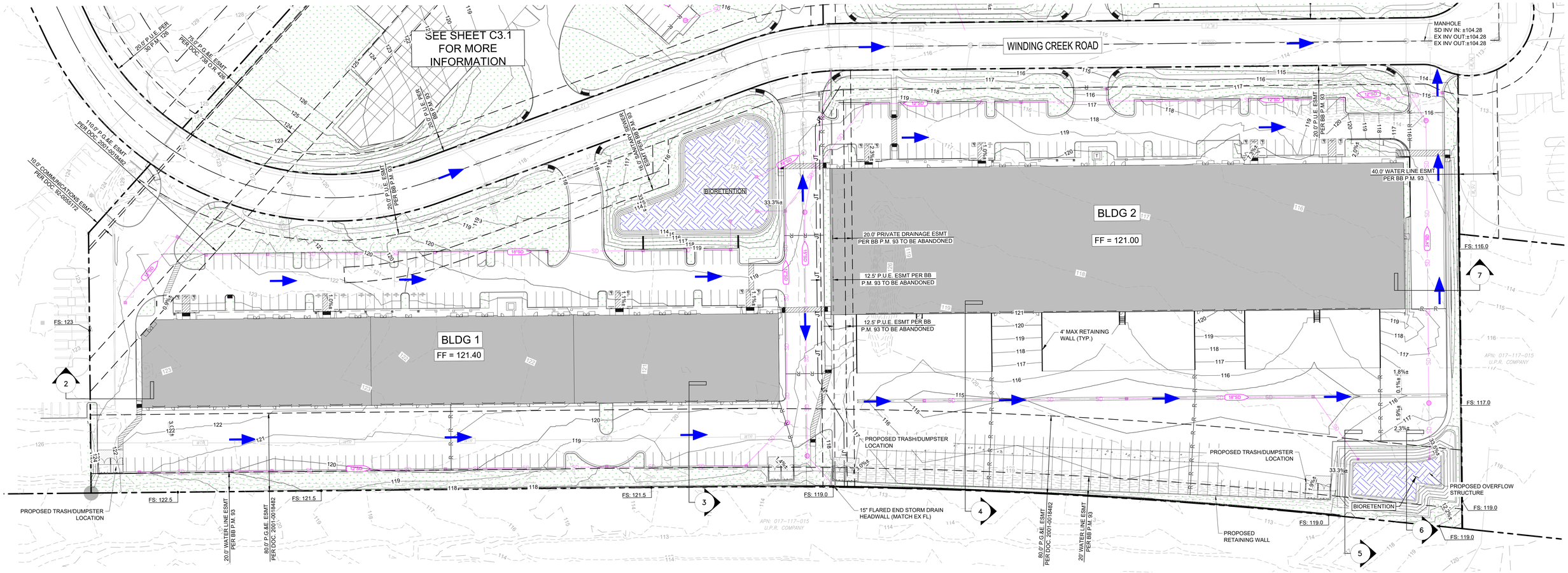
1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

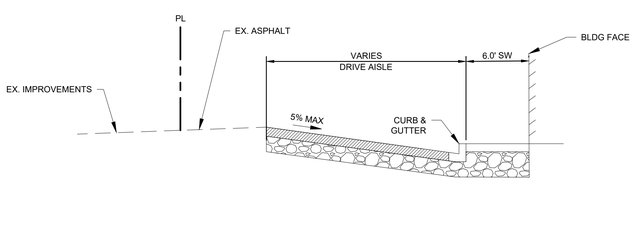
GRADING PLAN

C3.1

MARK IV CAPITAL

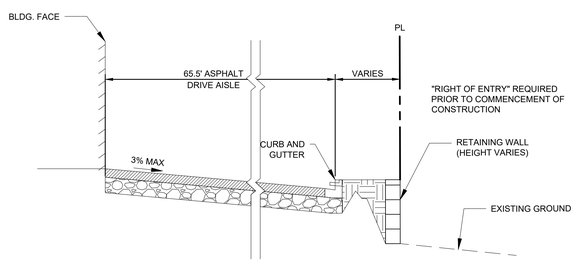
Kimley»Horn





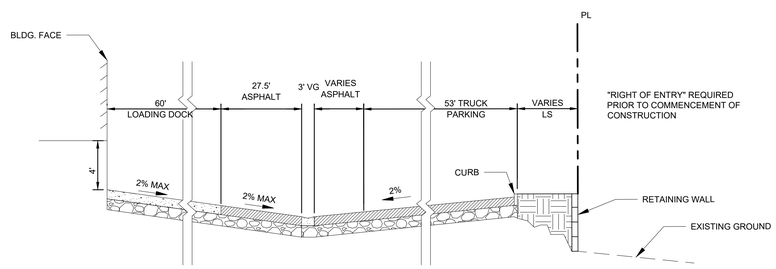
2 SECTION 2-2

NTS



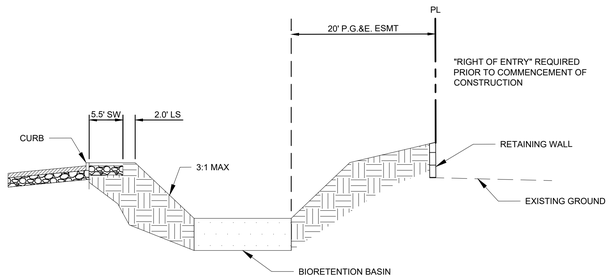
3 SECTION 3-3

NTS



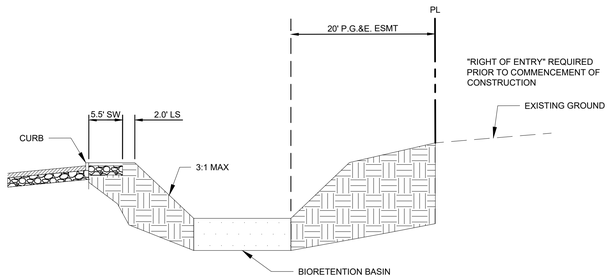
4 SECTION 4-4

NTS



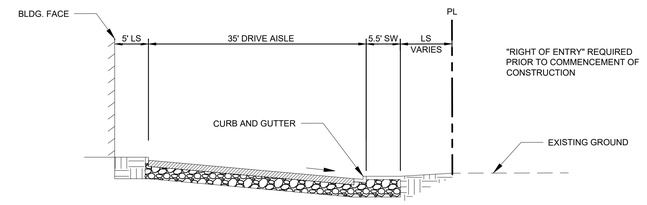
5 SECTION 5-5

NTS



6 SECTION 6-6

NTS



7 SECTION 7-7

NTS

LEGEND

- CENTERLINE
- PROPERTY LINE
- EXISTING PROPERTY LINE
- RIGHT-OF-WAY LINE
- SD — PROPOSED STORM DRAIN PIPE
- SD — EXISTING STORM DRAIN PIPE TO BE ABANDONED/DEMOLISHED
- W — EXISTING WATER PIPE TO BE ABANDONED/DEMOLISHED
- 120 — PROPOSED CONTOURS
- 120 — EXISTING CONTOURS
- LP — LOW POINT
- R — RIDGE
- RETAINING WALL
- BIORETENTION
- LANDSCAPE
- OVERLAND RELEASE

NOTES

1. PROPOSED PIPE SIZE CALLOUTS ONLY SHOWN ON PIPES WHERE PIPE SIZE CHANGE.

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

SCALE
1" = 40'
WHEN PRINTED AT FULL SIZE (30"X42")

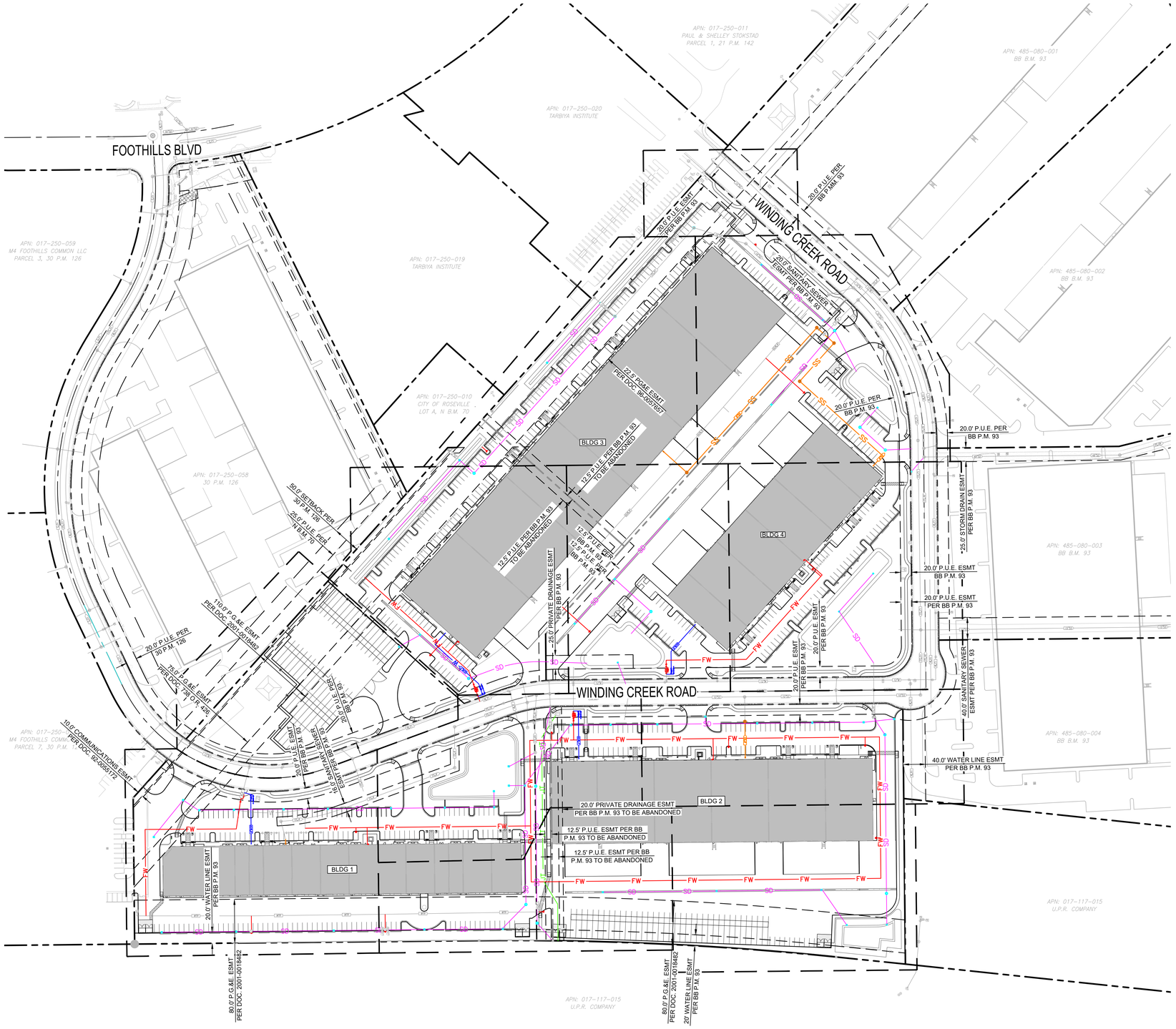
MARK IV CAPITAL

1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

GRADING PLAN

C3.2

Kimley»Horn



LEGEND

- SS — PROPOSED SEWER LINE
- SD — PROPOSED STORM DRAIN LINE
- W — PROPOSED WATER LINE
- FW — PROPOSED FIRE WATER
- JT — PROPOSED JOINT TRENCH
- PROPOSED STORM DRAIN MANHOLE
- PROPOSED SEWER MANHOLE
- PROPOSED DOUBLE CHECK DETECTOR VALVE AND WATER METER
- EXISTING SEWER LINE
- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160

SCALE
1" = 80'
WHEN PRINTED AT FULL SIZE (30"X42")

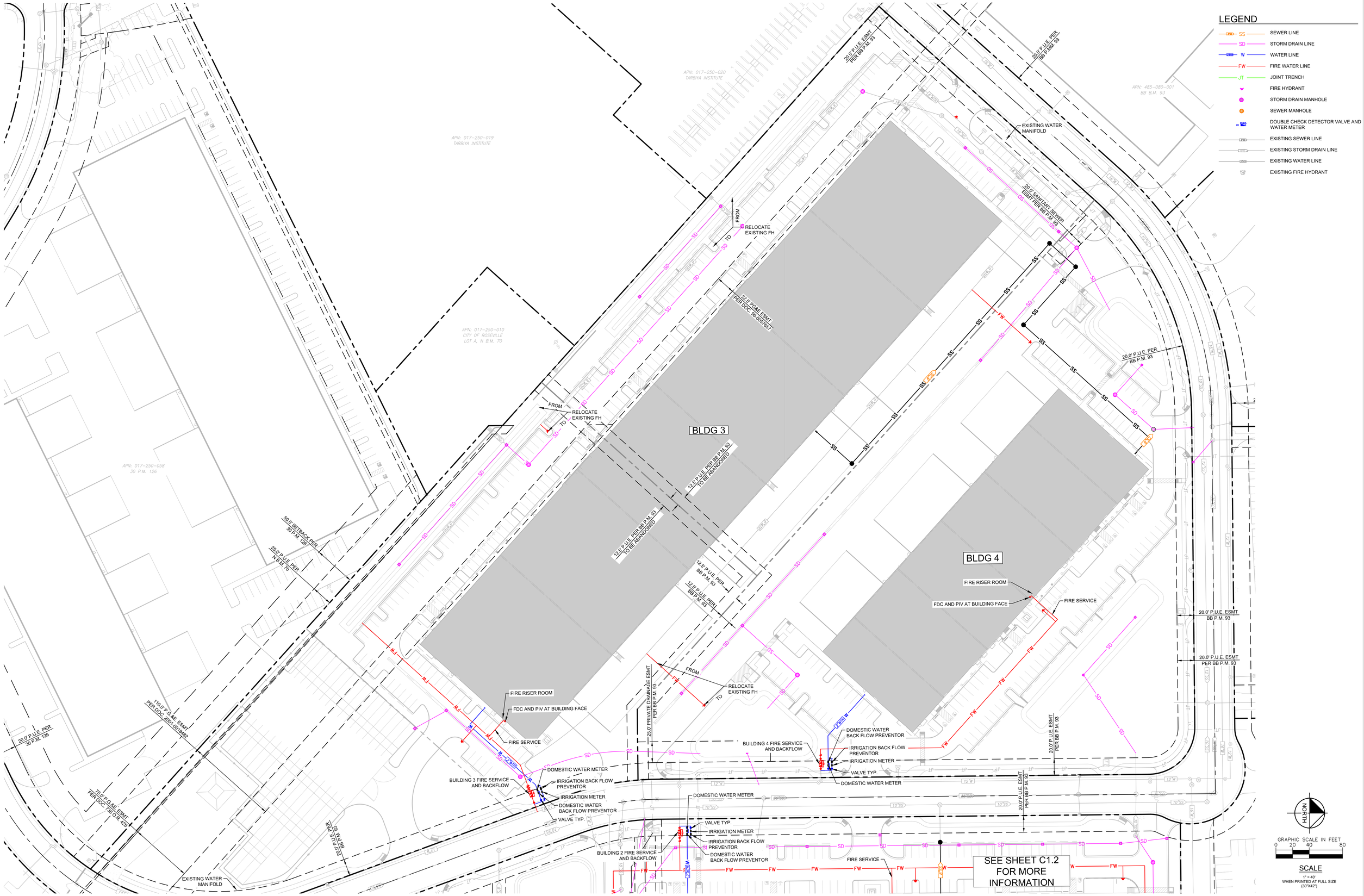
MARK IV CAPITAL

1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

OVERALL WET UTILITIES PLAN

C4.0

Kimley»Horn



1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

WET UTILITIES PLAN

C4.1

MARK IV CAPITAL

Kimley»Horn

SEE SHEET C1.1 FOR MORE INFORMATION

BUILDING 1

BUILDING 2

BUILDING 1 FIRE SERVICE AND BACKFLOW

DOMESTIC WATER METER

DOMESTIC WATER BACK FLOW PREVENTOR

VALVE TYP.

IRRIGATION METER

IRRIGATION BACK FLOW PREVENTOR

FIRE SERVICE

FDC AND PIV AT BUILDING FACE

FIRE RISER ROOM

BUILDING 2 FIRE SERVICE AND BACKFLOW

BUILDING 3 FIRE SERVICE AND BACKFLOW

EXISTING WATER MANIFOLD

20.0' PRIVATE DRAINAGE ESMT PER BB P.M. 93 TO BE ABANDONED

12.5' P.U.E. ESMT PER BB P.M. 93 TO BE ABANDONED

20.0' P.U.E. ESMT PER BB P.M. 93

20.0' WATER LINE ESMT PER BB P.M. 93

80.0' P.G.&E. ESMT PER DOC. 2001-0018482

RELOCATE EXISTING FH

FROM

TO

APN: 017-117-015
U.P.R. COMPANY

LEGEND

- SS — SEWER LINE
- SD — STORM DRAIN LINE
- W — WATER LINE
- FW — FIRE WATER LINE
- JT — JOINT TRENCH
- FIRE HYDRANT
- STORM DRAIN MANHOLE
- SEWER MANHOLE
- DOUBLE CHECK DETECTOR VALVE AND WATER METER
- EXISTING SEWER LINE
- EXISTING STORM DRAIN LINE
- EXISTING WATER LINE
- EXISTING FIRE HYDRANT

NORTH

GRAPHIC SCALE IN FEET
0 20 40 80

SCALE
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WHEN PRINTED AT FULL SIZE (30"X42")

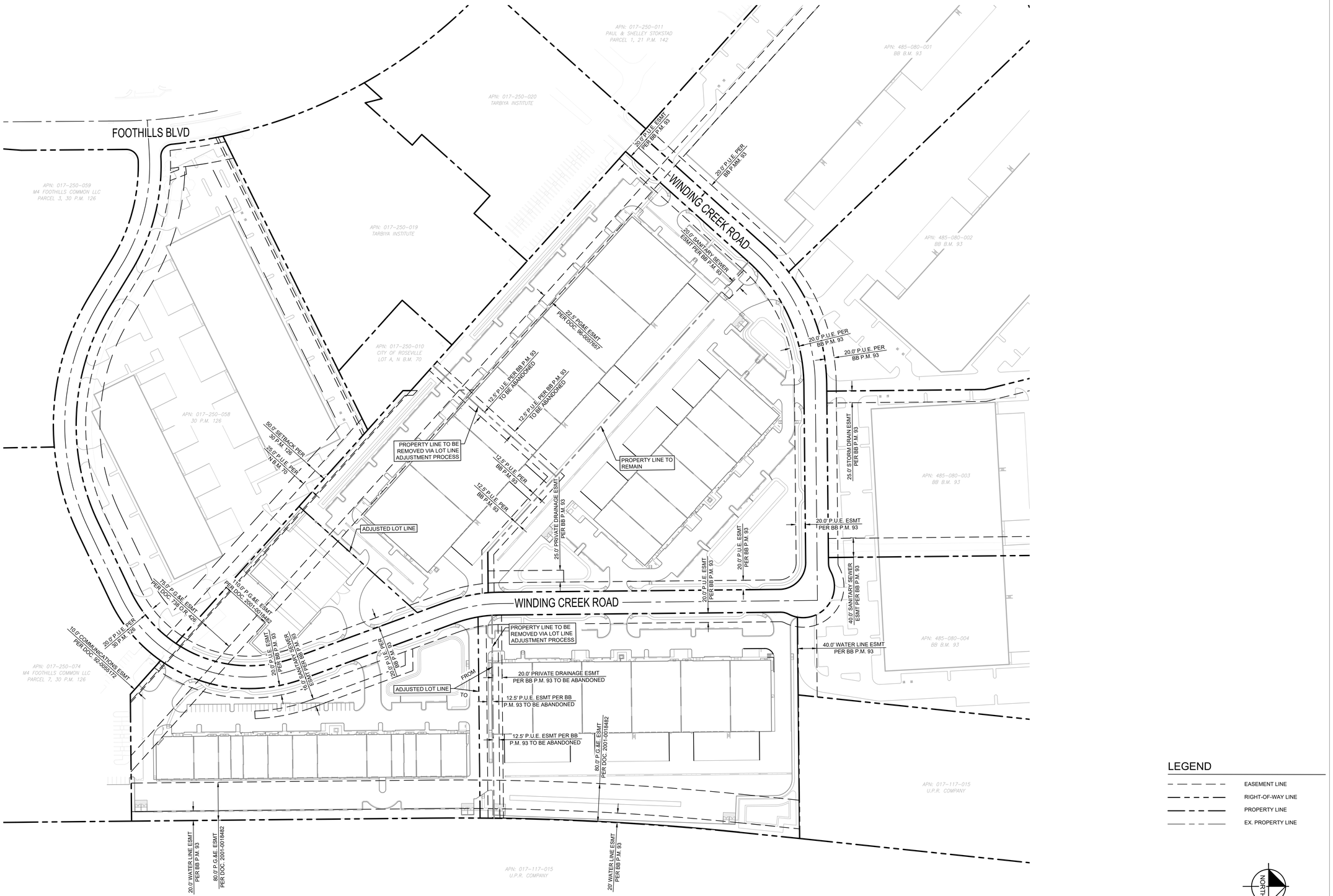
MARK IV CAPITAL

1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

WET UTILITIES PLAN

C4.2

Kimley»Horn



LEGEND

- EASEMENT LINE
- RIGHT-OF-WAY LINE
- PROPERTY LINE
- EX. PROPERTY LINE

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160

SCALE
1" = 80'
WHEN PRINTED AT FULL SIZE (30"X42")

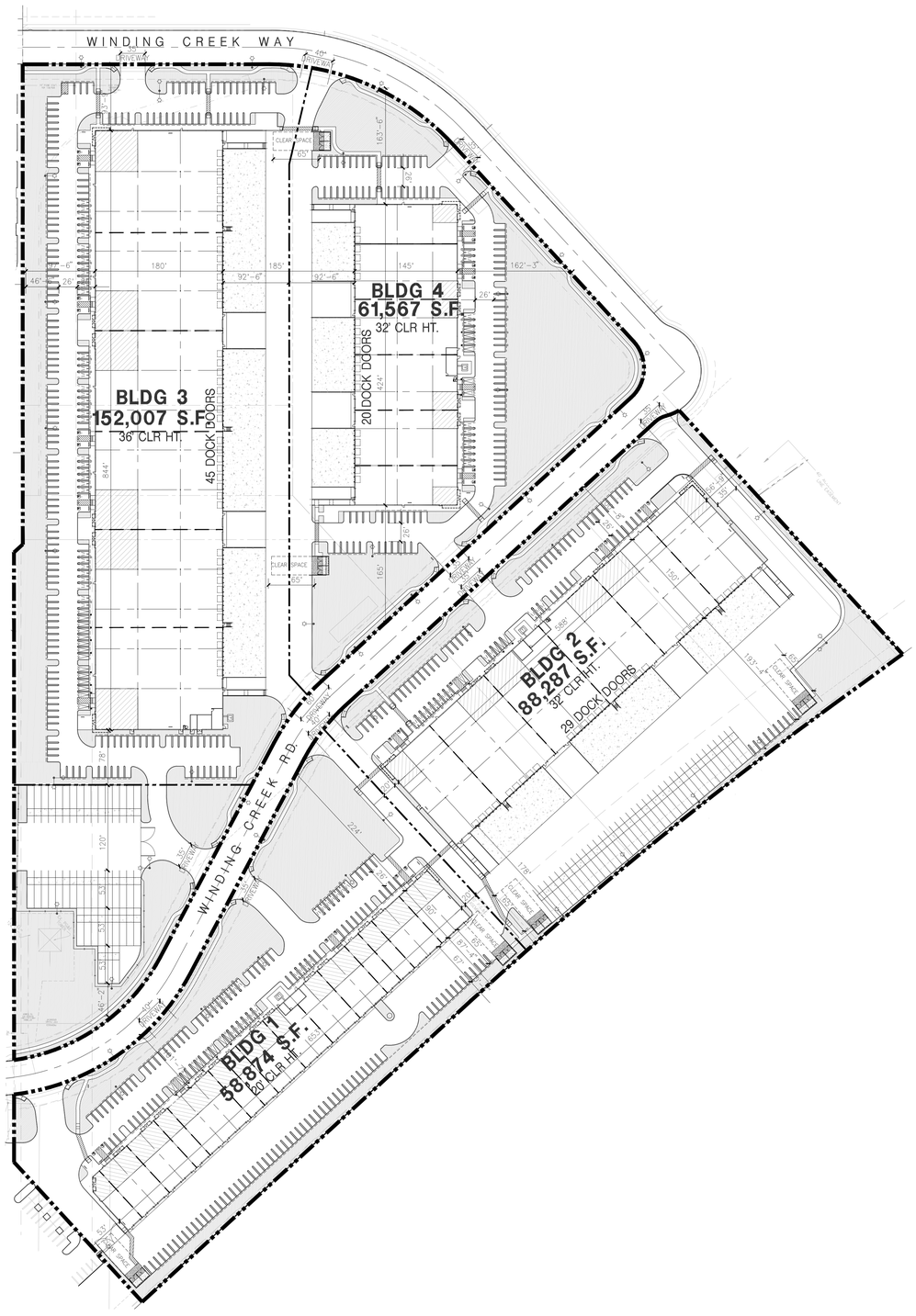
MARK IV CAPITAL

1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

LOT LINE ADJUSTMENT EXHIBIT

C5.0

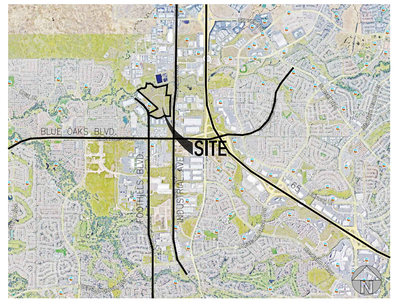
Kimley»Horn



OVERALL MASTER PLAN A
scale: 1" = 80'-0"

SCALE: 1" = 80'-0"
0 80' 160' 240'
TRUE NORTH

AERIAL MAP



TABULATION

	BLDG. 1	BLDG. 2	BLDG. 3	BLDG. 4	TRAILER LOT	TOTAL	
SITE AREA							
In s.f.	239,963	299,145	381,103	258,462	85,585	1,264,258	sf
In acres	5.51	6.87	8.75	5.93	1.96	29.02	ac
BUILDING AREA							
Office	22,500	5,000	15,000	8,000		50,500	sf
Warehouse	36,374	83,287	137,007	53,567		310,235	sf
TOTAL	**58,874**	**88,287**	**152,007**	**61,567**		**360,735**	sf
FLOOR AREA RATIO							
Maximum Allowed			0.50				
Actual	0.25	0.30	0.40	0.24		0.29	
AUTO PARKING REQUIRED							
Office: 1/250 s.f. ff exceeds 10% of GFA	90	n/a	n/a	n/a		90	stalls
Whse: 1/1,000 s.f.	37	89	153	62		341	stalls
TOTAL	**127**	**89**	**153**	**62**		**431**	stalls
AUTO PARKING PROVIDED							
Standard (9' x 16'+2' overhang)	123	65	181	90		459	stalls
Accessible parking (9'x18')	3	4	4	3		14	stalls
Accessible Van parking (9'x18'+8' Aisle)	3	3	4	3		13	stalls
EV Capable	35	17	52	25		129	stalls
~ EV capable w ithout EVSE (9'x 16'+2' overhang)	[26]	[13]	[38]	[19]			
~ EV capable w ith EVSE (9'x 16'+2' overhang)	[7]	[3]	[12]	[4]			
~ Accessible EV parking (9'x18')	[1]	[0]	[1]	[1]			
~ Accessible EV Van parking (9'x18'+8' Aisle)	[1]	[1]	[1]	[1]			
TOTAL	**164**	**89**	**241**	**121**		**615**	stalls
TRAILER PARKING PROVIDED							
Trailer (10' x 53')	0	36	0	0	44	80	stalls
BICYCLE PARKING REQUIRED							
Short Term 4+5% total stalls	13	9	17	11		50	stalls
Long Term 1+5% total stalls	10	6	14	8		38	stalls
TOTAL	**23**	**15**	**31**	**19**		**88**	stalls
BICYCLE PARKING PROVIDED							
Short Term	14	10	18	12		54	stalls
Long Term	12	8	16	8		44	stalls
TOTAL	**26**	**18**	**34**	**20**		**98**	stalls

ZONING ORDINANCE
Zoning Designation - Light Industrial (M-1)

MAXIMUM BUILDING HEIGHT ALLOWED
Height - 50'

SETBACKS

Building	Landscape
Front - 100' Ave. Blvd	50' from Foothills Blvd
Side - 50'	15' from Union Pacific Rail Road
Rear - 60'	6' parking lot setback from adjacent properties

HPA architecture
HPA Inc.
18831 Bardeen Avenue, Ste.100
Irvine, CA 92612
Tel : 949-863-1770
E-Mail : hpa@hparchs.com

LICENSED ARCHITECT YONG NAM C-29451 3-31-27 RENEWAL DATE STATE OF CALIFORNIA

Owner:

MARK IV CAPITAL

4450 MacArthur Blvd, 2nd floor
Newport Beach, CA 92660
Tel : 949-509-1444

Project:

1100 WINDING CREEK ROAD

1100 Winding Creek Rd
Roseville, CA 95678

Consultants:

CIVIL	KIMLEY HORN
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE OVERALL MASTER PLAN

Project Number: 22345
Drawn By: KZ
Date: 07/12/2024

Revision:
1st Planning Submittal 09/12/2024
2nd Planning Submittal 01/22/2025
3rd Planning Submittal 04/04/2025
4th Planning Submittal 05/27/2025

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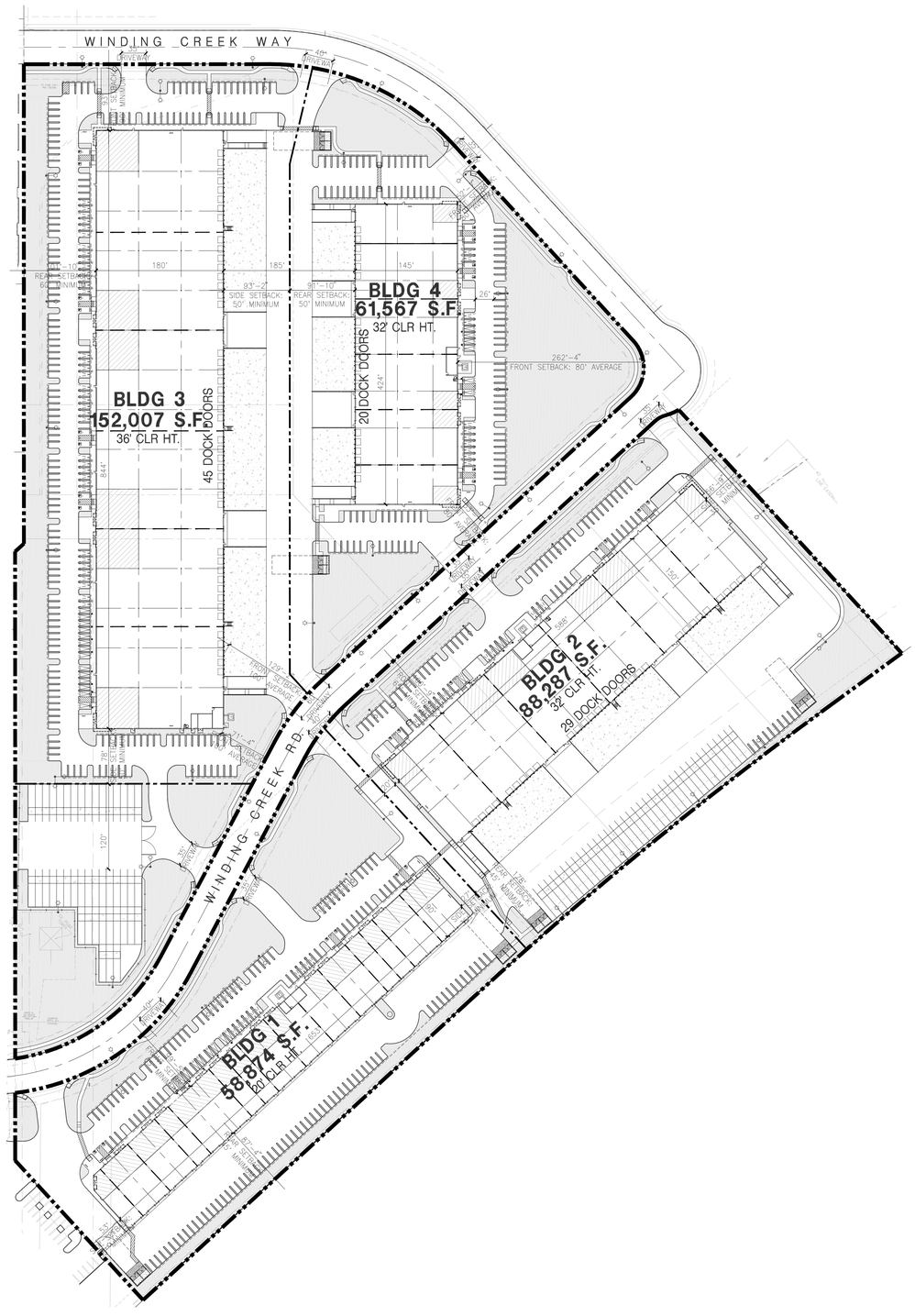

SETBACK PLAN A
scale: 1" = 80'-0"

SCALE: 1" = 80'-0"
0 80' 160' 240'

TRUE NORTH

BUILDING 1 : 58,874 S.F.

Setback	Front	Side	Rear
Required	65' Minimum	35'	45'
Provided	99'	53'	87'

BUILDING 2 : 88,287 S.F.

Setback	Front	Side	Rear
Required	65' Minimum	35'	45'
Provided	100'	56'	178'

BUILDING 3 : 152,007 S.F.

Setback	Front	Side	Rear
Required	90' Minimum 100' Average	50'	60'
Provided	100'	78'	97'

BUILDING 4 : 61,567 S.F.

Setback	Front	Side	Rear
Required	80' Average	35'	45'
Provided	120'	55'	91'

HPA architecture
HPA Inc.
18831 Bardeen Avenue, Ste.100
Irvine, CA 92612
Tel : 949-863-1770
E-Mail : hpa@hparchs.com

LICENSED ARCHITECT
YONG NAM
C-29451
3-31-27
RENEWAL DATE
STATE OF CALIFORNIA

Owner:

MARK IV CAPITAL
4450 MacArthur Blvd, 2nd floor
Newport Beach, CA 92660
Tel : 949-509-1444

Project:

1100 WINDING CREEK ROAD
1100 Winding Creek Rd
Roseville, CA 95678

Consultants:

CIVIL	KIMLEY HORN
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE SETBACK PLAN

Project Number:	22345
Drawn By:	KZ
Date:	07/12/2024

Revision:
1st Planning Submittal 09/12/2024
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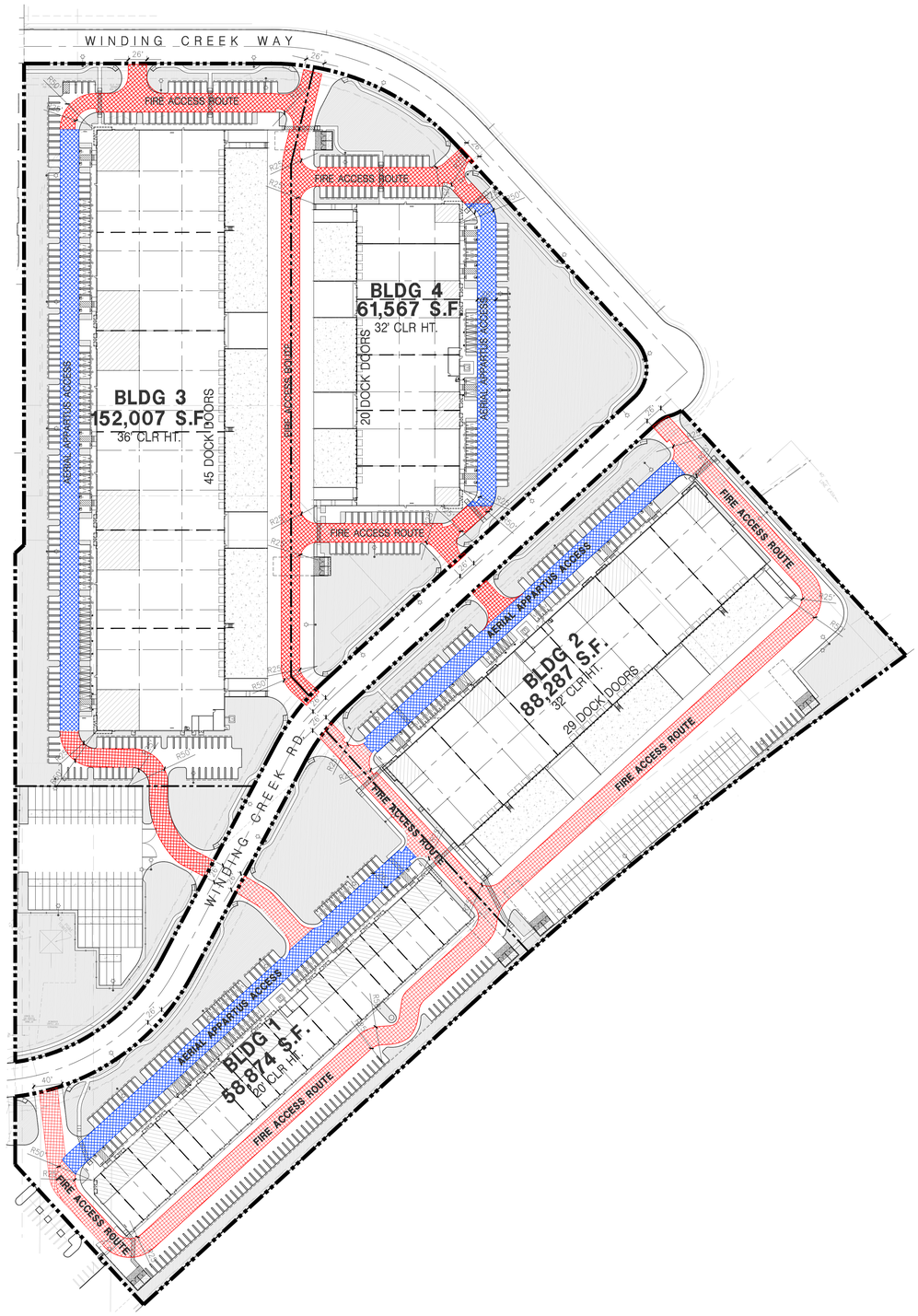

FIRE ACCESS SITE PLAN (A)
scale: 1" = 80'-0"

SCALE: 1" = 80'-0"
0 80' 160' 240'
TRUE NORTH

GENERAL NOTES

- 26' WIDE FIRE LANE
- AERIAL APPARATUS ACCESS

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Irvine, CA 92612

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MECHANICAL	-
PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE FIRE ACCESS PLAN

Project Number:	22345
Drawn By:	KZ
Date:	07/12/2024

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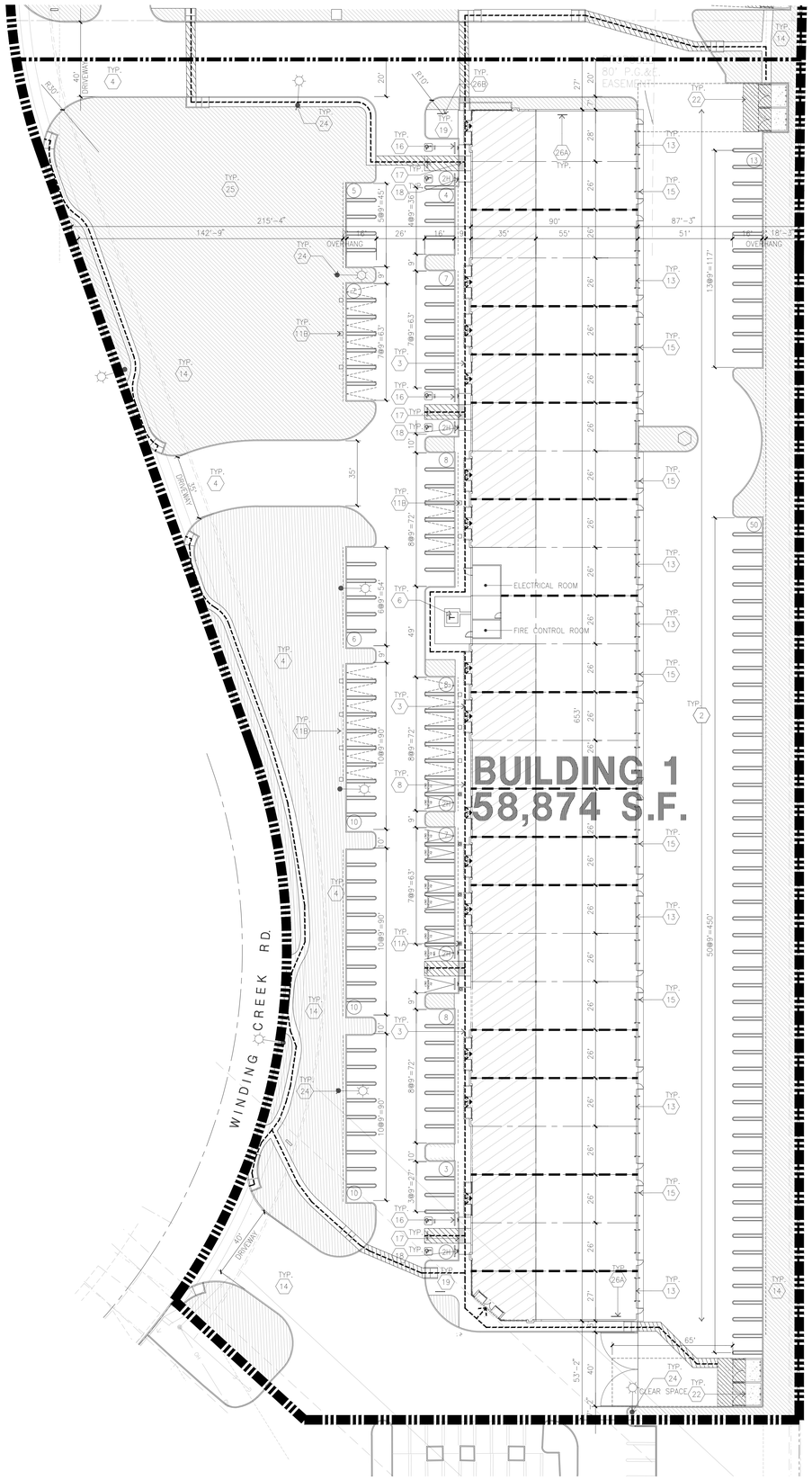

OVERALL SITE PLAN A
scale: 1" = 30'-0"

SCALE: 1" = 30'-0"
0 30' 60' 90'
TRUE NORTH

SITE PLAN KEYNOTES

1. HEAVY BROOM FINISH CONCRETE PAVEMENT.
2. ASPHALT CONCRETE (AC) PAVING
3. ACCESSIBLE PATH OF TRAVEL
4. DRIVEWAY APRONS
5. 5'-6"X5'-6"X4" THICK CONCRETE EXTERIOR LANDING PAD TYP. AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREAS. FINISH TO BE MEDIUM BROOM FINISH SLOPE TO BE 1/4" : 12" MAX.
6. APPROXIMATE LOCATION OF TRANSFORMER.
7. 8' CHAIN LINK FENCE. SEE DAB-AD.1 FOR DETAILS.
8. CONCRETE WALKWAY, MEDIUM BROOM FINISH. SEE "L" DRAWINGS.
9. CONCRETE RAMP WITH CONCRETE GUARD WALL. SEE "C" DRAWINGS.
10. OUTDOOR AMENITY AREA.
11A. ELECTRIC VEHICLE CHARGER.
11B. FUTURE ELECTRIC VEHICLE CHARGER. PROVIDE CONDUIT.
12. EXTERIOR METAL STEEL STAIR.
13. 12' x 14' DRIVE-IN DOOR
14. LANDSCAPE.
15. CONC. FILLED GUARD POST 6" DIA. U.N.O. 48" H.
16. PRE-CAST CONC. WHEEL STOP.
17. TRUNCATED DOMES.
18. ACCESSIBLE PARKING STALL SIGN.
19. HARDSCAPE AT ENTRANCE.
20. ACCESSIBLE ENTRY SIGN.
21. PUMP ROOM.
22. TRASH ENCLOSURE. SEE DAB-AD.1 FOR DETAILS.
23. ELECTRICAL ROOM.
24. EXTERIOR PARKING LIGHT POLE. SEE 8/DAB-AD.1 FOR DETAILS.
25. STORM TREATMENT SEE CIVIL DRAWINGS
26A. SECURED / INTERIOR BIKE RACK FOR LONG TERM BICYCLE PARKING
26B. EXTERIOR BIKE RACK FOR SHORT TERM BICYCLE PARKING
27. MONUMENT SIGN

SITE PLAN GENERAL NOTES

1. THE SITE PLAN BASED ON THE SOILS REPORT PREPARED BY TERRACON, MARCH 4, 2024(AMENDED MARCH 21,2024), PROJECT NUMBER #NB235025
2. IF SOILS ARE EXPANSIVE IN NATURE, USE STEEL REINFORCING FOR ALL SITE CONCRETE
3. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE WALL, FACE OF CONCRETE CURB OR GRID LINE U.N.O.
4. SEE "C" PLANS FOR ALL CONCRETE CURBS, GUTTERS AND SWALES
5. PROVIDE STRUCTURAL CALCULATION AND CONSTRUCTION ANCHORAGE DETAIL FOR TRANSFORMER PRIOR TO INSTALLATION.
6. SEE "C" DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR SHALL VERIFY ACTUAL UTILITY LOCATIONS.
7. PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. SEE "C" DRAWINGS.
8. CONTRACTOR TO REFER TO "C" DRAWINGS FOR ALL HORIZONTAL CONTROL DIMENSIONS. SITE PLANS ARE FOR GUIDANCE AND STARTING LAYOUT POINTS.
9. SEE "C"DRAWINGS FOR FINISH GRADE ELEVATIONS.
10. CONCRETE SIDEWALKS TO BE A MINIMUM OF 4" THICK W/ TOOLED JOINTS AT 6' O.C. EXPANSION/CONSTRUCTION JOINTS SHALL BE A MAXIMUM 12" EA. WAY W/ 1:20 MAX. SLOPE. EXPANSION JOINTS TO HAVE COMPRESSIVE EXPANSION FILLER MATERIAL OF 1/4". FINISH TO BE A MEDIUM BROOM FINISH
11. U.N.O. PROVIDE KNOX BOXES AT ALL OFFICE ENTRANCES.
12. PAINT CURBS AND PROVIDE SIGNS TO INFORM OF FIRE LANES AS REQUIRED BY FIRE DEPARTMENT.
13. ON-SITE FIRE MAIN, FIRE SPRINKLER, AND SPRINKLER MONITORING SYSTEM SHALL BE SUBMITTED SEPARATELY TO THE FIRE DEPARTMENT FOR REVIEW AND PERMITTING.
14. ALL VERTICAL MOUNTING POLES OF FENCING SHALL BE CAPPED.
15. LANDSCAPED AREAS SHALL BE DELINEATED WITH A MINIMUM SIX INCHES (6") HIGH CURB
16. ALL INTERIOR AND EXTERIOR WALK SURFACES TO BE NON-SLIP TYPE

SITE LEGEND

- STANDARD PARKING STALL, 9'X18'
- ACCESSIBLE PARKING STALL, 9'X18'+5' W/ ACCESSIBLE AISLE
- VAN ACCESSIBLE PARKING STALL, 12'X18'+5' W/ ACCESSIBLE AISLE
- STANDARD EVCS WITH EVCS SIGN ON POST, 9'X18'
- STANDARD ACCESSIBLE EVCS WITH EVCS SIGN ON POST AND MARKING "EV CHARGING ONLY", 9'X18'+5' W/ ACCESSIBLE AISLE
- VAN ACCESSIBLE EVCS WITH EVCS SIGN ON POST AND MARKING "EV CHARGING ONLY", 12'X18'+5' W/ ACCESSIBLE AISLE
- EV CAPABLE SPACE WITHOUT EVSE SIZE 9'X18'
- TRAILER PARKING (10' X 53')
- LANDSCAPED AREA
- AC. PAVING - SEE "C" DRAWINGS. FOR THICKNESS
- CONCRETE PAVING SEE "C" DRWGS. FOR THICKNESS
- LANDSCAPE FINGER PER LOCAL JURISDICTION STANDARD
- PROPERTY LINE
- ACCESSIBILITY PATH OF TRAVEL 48" MIN WIDE, 5% MAX SLOPE, 2% MAX CROSS SLOPE
- LIGHTING POLE
- EV CHARGER
- EV CHARGER FOR FUTURE

TABULATION

	BLDG. 1	BLDG. 2	BLDG. 3	BLDG. 4	TRAILER LOT	TOTAL	
SITE AREA							
In s.f.	239,963	299,145	381,103	258,462	85,585	1,264,258	sf
In acres	5.51	6.87	8.75	5.93	1.96	29.02	ac
BUILDING AREA							
Office	22,500	5,000	15,000	8,000		50,500	sf
Warehouse	36,374	83,287	137,007	53,567		310,235	sf
TOTAL	**58,874**	**88,287**	**152,007**	**61,567**		**360,735**	sf
FLOOR AREA RATIO							
Maximum Allowed			0.50				
Actual	0.25	0.30	0.40	0.24		0.29	
AUTO PARKING REQUIRED							
Office: 1/250 s.f. if exceeds 10% of GFA	90	n/a	n/a	n/a		90	stalls
Whse: 1/1,000 s.f.	37	89	153	62		341	stalls
TOTAL	**127**	**89**	**153**	**62**		**431**	stalls
AUTO PARKING PROVIDED							
Standard (9' x 16'+2' overhang)	123	85	181	90		459	stalls
Accessible parking (9'x18')	3	4	4	3		14	stalls
Accessible Van parking (9'x18'+8' Aisle)	3	3	4	3		13	stalls
EV Capable	35	17	52	25		129	stalls
~ EV capable w/out EVSE (9'x 16'+2' overhang)	[26]	[13]	[36]	[19]			
~ EV capable w/ th EVSE (9'x 16'+2' overhang)	[7]	[3]	[12]	[4]			
~ Accessible EV parking (9'x18')	[1]	[0]	[1]	[1]			
~ Accessible EV Van parking (9'x18'+8' Aisle)	[1]	[1]	[1]	[1]			
TOTAL	**164**	**89**	**241**	**121**		**615**	stalls
TRAILER PARKING PROVIDED							
Trailer (10' x 53')	0	36	0	0	44	80	stalls
BICYCLE PARKING REQUIRED							
Short Term: 4+5% total stalls	13	9	17	11		50	stalls
Long Term: 1+5% total stalls	10	6	14	8		38	stalls
TOTAL	**23**	**15**	**31**	**19**		**88**	stalls
BICYCLE PARKING PROVIDED							
Short Term	14	10	18	12		54	stalls
Long Term	12	8	16	8		44	stalls
TOTAL	**26**	**18**	**34**	**20**		**98**	stalls

ZONING ORDINANCE
Zoning Designation - Light Industrial (M-1)

MAXIMUM BUILDING HEIGHT ALLOWED
Height - 50'

SETBACKS

Building	Landscape
Front - 100' Ave. Blvd	50' from Foothills Blvd
Side - 50'	15' from Union Pacific Rail Road
Rear - 60'	6' parking lot setback from adjacent properties

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LICENSED ARCHITECT YONG NAM C-29451 3-31-27 RENEWAL DATE STATE OF CALIFORNIA

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Tel : 949-509-1444

Project:

1100 WINDING CREEK ROAD

1100 Winding Creek Rd
Roseville, CA 95678

Consultants:

CIVIL	KIMLEY HORN
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE OVERALL SITE PLAN

Project Number: 22345
Drawn By: KZ
Date: 07/12/2024

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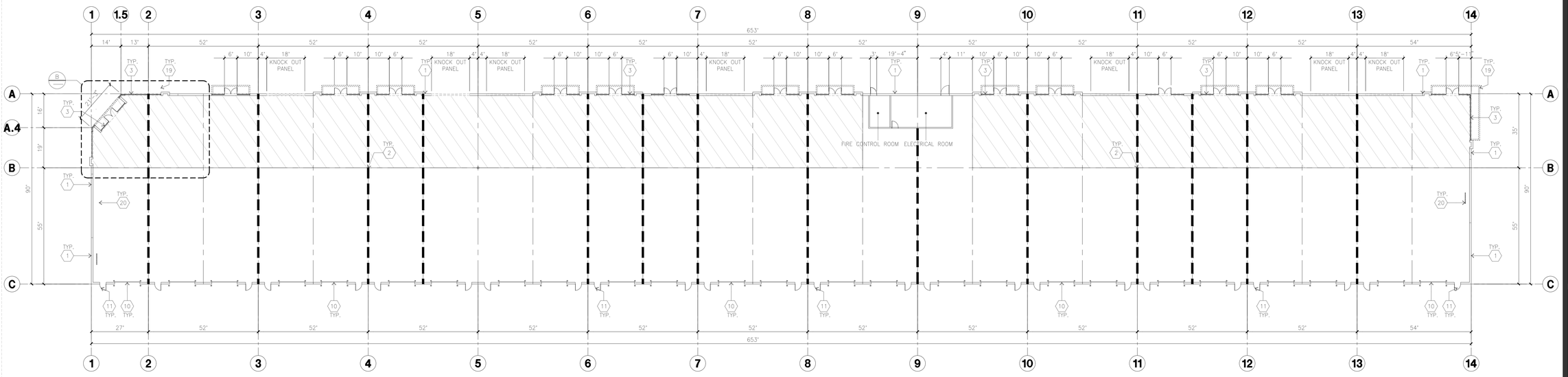
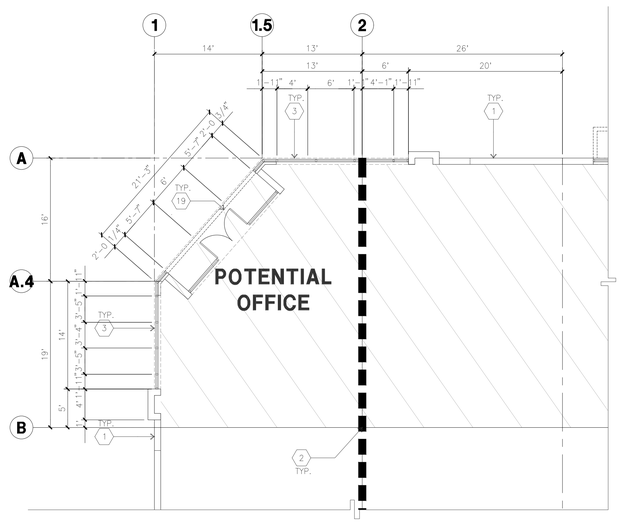


OVERALL FLOOR PLAN A
scale: 1" = 20'-0"

SCALE: 1" = 20'-0"
0 20' 40' 60'
PLAN NORTH



ENLARGED FLOOR PLAN B
scale: 1/8" = 1'-0"

SCALE: 1/8" = 1'-0"
0 8' 16' 24'
PLAN NORTH

KEYNOTES - FLOOR PLAN

1. CONCRETE TILT-UP PANEL.
2. STRUCTURAL STEEL COLUMN.
3. TYPICAL STOREFRONT SYSTEM WITH GLAZING, SEE ENLARGED PLANS AND ELEVATIONS FOR SIZE, COLOR AND LOCATIONS.
4. CONCRETE RAMP W/ 42" HIGH CONC TILT-UP GUARD WALL OR BUILDING WALL ON BOTH SIDES OF RAMP.
5. 9' X 10' DOCK DOOR, SECTIONAL O.H., STANDARD GRADE. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
6. EXTERIOR METAL STEEL STAIR.
7. 5'-6"X5'-6"X4" THICK CONCRETE EXTERIOR LANDING PAD TYPICAL AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREA, FINISH TO BE MEDIUM BLOOM FINISH. SLOPE TO BE 1/4" : 12" MAX.
8. 4'X8' METAL LOUVER.
9. DOCK DOOR BUMPER.
10. 12' X 14' DRIVE THRU, SECTIONAL O.H., STANDARD GRADE. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
11. 3' X 7' HOLLOW METAL EXTERIOR MAN DOOR. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
12. CONC. FILLED GUARD POST, 6" DIA. U.N.O., 48"H.
13. EXTERIOR DOWNSPOUT WITH OVERFLOW SCUPPER.
14. INTERIOR ROOF DRAIN & OVERFLOW SCUPPERS.
15. INTERIOR ROOF DRAIN WITH PIPED OVERFLOW.
16. Z GUARD.
17. PUMP ROOM.
18. ELECTRICAL ROOM.
19. METAL CANOPY ABOVE.
20. INTERIOR BIKE RACK.
21. ROOF ACCESS LADDER.

GENERAL NOTES - FLOOR PLAN

1. THIS BUILDING IS DESIGNED FOR HIGH PILE STORAGE WITH FIRE ACCESS MAN DOORS AT 125' +/-. A SEPARATE PERMIT WILL BE REQUIRED FOR ANY RACKING/CONVEYER SYSTEMS. INSURE HEAT AND SMOKE VENTS AS REQ'D COMPLY WITH TABLE 910.3 CBC
2. FIRE HOSE LOCATIONS SHALL BE APPROVED PER FIRE DEPARTMENT.
3. SEE "C" DRAWINGS FOR FINISH SURFACE ELEVATIONS.
4. WAREHOUSE INTERIOR CONCRETE WALLS ARE PAINTED WHITE, COLUMNS ARE TO RECEIVE PRIMER ONLY. ALL GYP. BD. WALLS IN WAREHOUSE TO RECEIVE 1 COAT OF WHITE TO COVER.
5. THE BUILDING FLOOR SLAB IS FLAT/SLOPED, SEE CIVIL.
6. SLOPE POUR STRIP 1/2" TO EXTERIOR AT ALL MANDOOR EXITS. SEE "S" DRAWINGS FOR POUR STRIP LOCATION.
7. PROVIDE 6" DIA. CONCRETE BOLLARD AT ALL FIRE RISER AND UNPROTECTED INTERIOR ROOF DRAIN.
8. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE PANEL WALL, GRIDLINE, OR FACE OF STUD U.N.O.
9. SEE CIVIL DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR TO VERIFY ACTUAL UTILITY LOCATIONS. PLUMBING/ELECTRICAL COORDINATION.
10. FOR DOOR TYPES AND SIZES, SEE DETAIL SHEET A5.1. NOTE: ALL DOORS PER DOOR SCHEDULE ARE FINISH OPENINGS.
11. CONTRACTOR TO PROTECT AND KEEP THE FLOOR SLAB CLEAN. ALL EQUIPMENT TO BE DIAPERED INCLUDING CARS AND TRUCKS.
12. ALL EXIT MAN DOORS IN WAREHOUSE TO HAVE ILLUMINATED EXIT SIGN HARDWARE.
13. HIGHLY FLAMMABLE AND COMBUSTIBLE MATERIAL SHALL NOT BE USED OR STORED IN THIS BUILDING.
14. PROVIDE FIRE EXTINGUISHERS AT LOCATIONS DETERMINED BY FIRE DEPARTMENT.
15. EACH EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT". THE MOUNTING HEIGHT FOR SUCH SIGNAGE SHALL BE 60" FROM FINISH FLOOR LEVEL TO THE CENTER OF THE SIGN.
16. AFFIX AN INTERNATIONAL ACCESSIBILITY SYMBOL ON ALL ACCESSIBLE ENTRANCES PER CBC 11B-216.6
17. ALL INTERIOR AND EXTERIOR WALKING SURFACES TO BE NON-SLIP TYPE

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18831 Bardeen Avenue, Ste.100
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ELECTRCIAL	
LANDSCAPE	YAMASAKI
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TITLE OVERALL FLOOR PLAN

Project Number:	22345
Drawn By:	KZ
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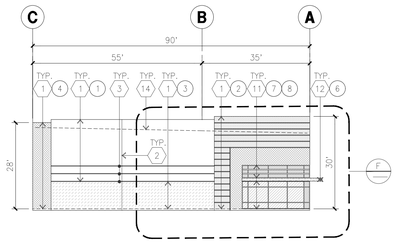

NORTH ELEVATION A
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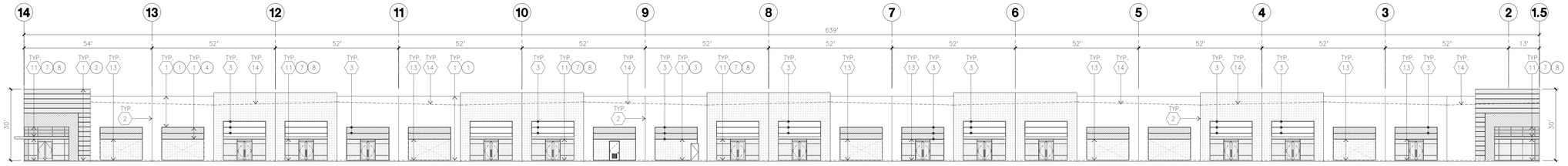
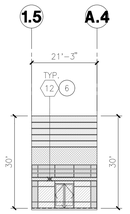
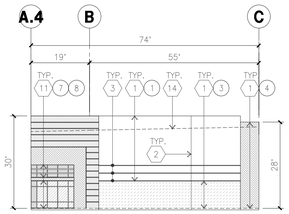
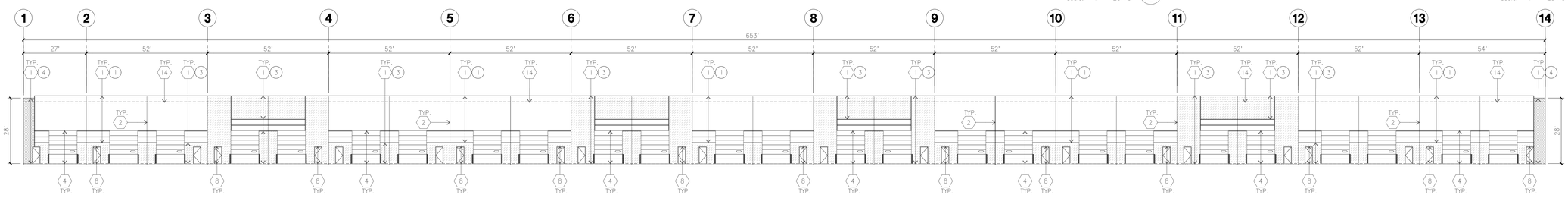


WEST ELEVATION B
scale: 1" = 20'-0"







SOUTHWEST ELEVATION C
scale: 1" = 20'-0"

SOUTH ELEVATION D
scale: 1" = 20'-0"

EAST ELEVATION E
scale: 1" = 20'-0"

KEYNOTES - ELEVATIONS

1. CONCRETE TILT-UP PANEL(PAINTED). FINISH GRADE VARIES. SEE "C" DRAWINGS. WATERPROOF ALL WALLS WHERE EXTERIOR GRADE IS HIGHER THAN FINISH FLOOR AND EXPOSED TO THE WEATHER. WATERPROOFING TO BE PROTECTED WITH PROTECTION BOARD AND A MIN. OF 6" OF GRAVEL. PROVIDE TRENCH DRAIN AT BOTTOM AND DAYLIGHT TO CURB OR TAKE TO STORM DRAIN.
2. PANEL JOINT.
3. PANEL REVEAL. ALL REVEALS TO HAVE A MAX. OF 3/8" CHAMFER. REVEAL COLOR TO MATCH ADJACENT BUILDING FIELD COLOR. U.N.O.
4. OVERHEAD DOOR @ DRIVE THRU. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
5. OVERHEAD DOOR @ DOCK HIGH. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
6. EXTERIOR METAL STEEL STAIR.
7. METAL LOUVER, PAINT TO MATCH BUILDING COLOR.
8. HOLLOW METAL DOORS. PROVIDE COMPLETE WEATHER STRIPING ALL AROUND DOOR. PROVIDE FOR RAIN DIVERTER ABOVE DOOR.
9A. EXTERIOR DOWNSPOUT WITH OVERFLOW SCUPPERS.
9B. INTERIOR ROOF DRAIN AND OVERFLOW SCUPPER.
10. DOCK BUMPER.
11. ALUMINUM STOREFRONT FRAMING WITH TEMPERED GLAZING.
12. METAL CANOPY
13. KNOCK OUT PANEL.
14. ROOF LINE BEYOND

GENERAL NOTES - ELEVATIONS

A. ALL PAINT COLOR CHANGES TO OCCUR AT INSIDE CORNERS UNLESS NOTED OTHERWISE.
B. ALL PAINT FINISHES ARE TO BE FLAT UNLESS NOTED OTHERWISE.
C. T.O.P. EL.= TOP OF PARAPET ELEVATION.
D. F.F. = FINISH FLOOR ELEVATION.
E. STOREFRONT CONSTRUCTION: GLASS, METAL ATTACHMENTS AND LINTELS SHALL BE DESIGNED TO RESIST CITY REQUIRED WIND SPEED, EXPOSURE "C". WINDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.
F. CONTRACTOR SHALL FULLY PAINT SEVERAL CONCRETE PANEL W/ SELECTED COLORS. LOCATION TO BE SELECTED BY ARCHITECT, ARCHITECT AND OWNER SHALL APPROVE PRIOR TO PAINTING REMAINDER OF BUILDING.
G. BACK SIDE OF PARAPETS TO HAVE SMOOTH FINISH AND BE PAINTED WITH ELASTOMERIC PAINT.
H. FOR SPANDREL GLAZING, ALLOW SPACE BEHIND SPANDREL TO BREATH.
J. USE ADHESIVE BACK WOOD STRIPS FOR ALL REVEAL FORMS.
K. THE FIRST COAT OF PAINT TO BE ROLLED-ON AND THE SECOND COAT TO BE SPRAYED-ON
L. EXTERIOR STAIRS AND RAMPS TO MATCH BUILDING COLOR. RAILINGS TO MATCH BUILDING COLOR.
M. ALL DOORS TO BE PAINTED THE SAME COLOR AS THE ADJACENT WALL.

ELEVATION COLOR LEGEND/SCHED.

1. CONCRETE TILT-UP PANEL. COLOR : SW 7004 SNOWBOUND
2. CONCRETE TILT-UP PANEL. COLOR : SW 7071 GREY SCREEN
3. CONCRETE TILT-UP PANEL. COLOR : SW 7073 NETWORK GRAY
4. CONCRETE TILT-UP PANEL. COLOR : SW 7074 SOFTWARE
5. CONCRETE TILT-UP PANEL. COLOR : SW 7075 WEB GRAY
6. CANOPY MATERIAL : SHERWIN-WILLIAMS SW 7075 WEB GRAY
7. MULLIONS COLOR : CLEAR ANODIZED ALUMINUM
8. GLAZING COLOR : BLUE GLAZING
9. DOOR COLORS : MATCH BUILDING COLOR

GLAZING LEGEND

NOTE: ALL EXTERIOR AND INTERIOR GLAZING SHALL BE TEMPERED.

IV — INSULATED VISION GLASS

SC — SPANDREL GLASS WITH CONCRETE BEHIND

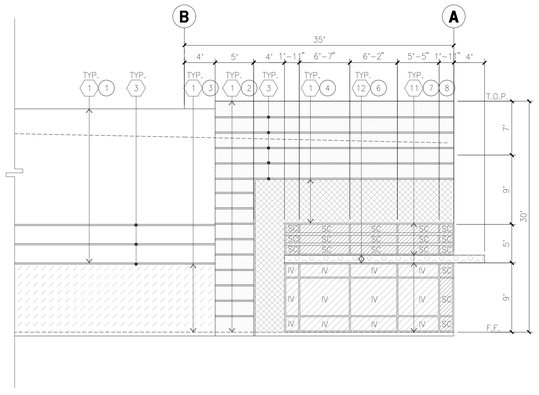
V — SINGLE LITE VISION GLASS

IV : INSULATED VISION GLASS
1/4" VISTACOOL PACIFICA + 1/4" SOLARBAN 60 CLEAR
1" INSULATED GLASS UNIT WITH 1/2" AIRSPACE AND 1/4" LITES
U: 0.27 SHGC: 0.21 VLT: 26%
MINIMUM VT TO BE 0.42 PER 2016 CEC TABLE 140.3-B

SC : SPANDREL WITH CONCRETE BEHIND
1/4" VISTACOOL PACIFICA WITH WARM GRAY OPACICOAT PAINTED ON REFLECTIVE. INSTALLED ON CONCRETE.

V : VISION GLASS
1/4" VISTACOOL PACIFICA

MULLIONS : ANODIZED CLEAR.



ENLARGED NORTH ELEVATION F
scale: 1/8" = 1'-0"

HPA architecture
HPA Inc.
18831 Bardeen Avenue, Ste.100
Irvine, CA 92612
Tel : 949-863-1770
E-Mail : hpa@hparchs.com

LICENSED ARCHITECT
TONG NAM
C-29451
3-31-27
RENEWAL DATE
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Consultants:

CIVIL	KIMLEY HORN
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE ELEVATIONS

Project Number:	22345
Drawn By:	KZ
Date:	07/12/2024

Revision:
1st Planning Submittal 09/12/2024
2nd Planning Submittal 01/22/2025
3rd Planning Submittal 04/04/2025
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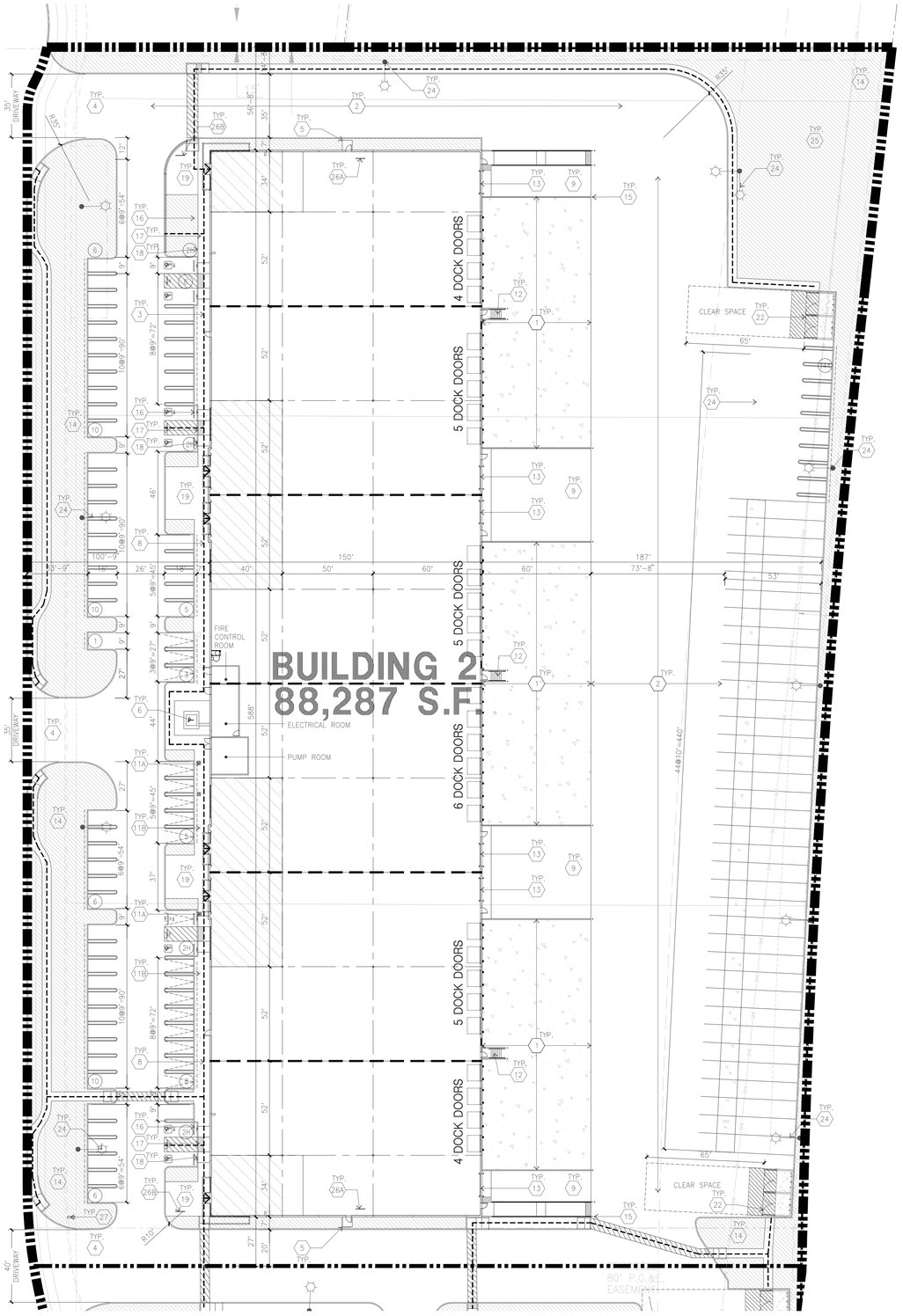

OVERALL SITE PLAN

scale: 1" = 30'-0"

SCALE: 1" = 30'-0"

0 30' 60' 90'

TRUE NORTH

SITE PLAN KEYNOTES

1. HEAVY BROOM FINISH CONCRETE PAVEMENT.
2. ASPHALT CONCRETE (AC) PAVING
3. ACCESSIBLE PATH OF TRAVEL
4. DRIVEWAY APRONS
5. 5'-6"X5'-6"X4" THICK CONCRETE EXTERIOR LANDING PAD TYP. AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREAS. FINISH TO BE MEDIUM BROOM FINISH SLOPE TO BE 1/4" : 12" MAX.
6. APPROXIMATE LOCATION OF TRANSFORMER.
7. 8' CHAIN LINK FENCE. SEE DAB-AD.1 FOR DETAILS.
8. CONCRETE WALKWAY, MEDIUM BROOM FINISH. SEE "L" DRAWINGS.
9. CONCRETE RAMP WITH CONCRETE GUARD WALL. SEE "C" DRAWINGS.
10. OUTDOOR AMENITY AREA.
11A. ELECTRIC VEHICLE CHARGER.
11B. FUTURE ELECTRIC VEHICLE CHARGER. PROVIDE CONDUIT.
12. EXTERIOR METAL STEEL STAIR.
13. 12' x 14' DRIVE-IN DOOR
14. LANDSCAPE.
15. CONC. FILLED GUARD POST 6" DIA. U.N.O. 48" H.
16. PRE-CAST CONC. WHEEL STOP.
17. TRUNCATED DOMES.
18. ACCESSIBLE PARKING STALL SIGN.
19. HARDSCAPE AT ENTRANCE.
20. ACCESSIBLE ENTRY SIGN.
21. PUMP ROOM.
22. TRASH ENCLOSURE. SEE DAB-AD.1 FOR DETAILS.
23. ELECTRICAL ROOM.
24. EXTERIOR PARKING LIGHT POLE. SEE 8/DAB-AD.1 FOR DETAILS.
25. STORM TREATMENT SEE CIVIL DRAWINGS
26A. SECURED / INTERIOR BIKE RACK FOR LONG TERM BICYCLE PARKING
26B. EXTERIOR BIKE RACK FOR SHORT TERM BICYCLE PARKING
27. MONUMENT SIGN

SITE PLAN GENERAL NOTES

1. THE SITE PLAN BASED ON THE SOILS REPORT PREPARED BY TERRACON, MARCH 4, 2024(AMENDED MARCH 21,2024), PROJECT NUMBER #NB235025
2. IF SOILS ARE EXPANSIVE IN NATURE, USE STEEL REINFORCING FOR ALL SITE CONCRETE
3. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE WALL, FACE OF CONCRETE CURB OR GRID LINE U.N.O.
4. SEE "C" PLANS FOR ALL CONCRETE CURBS, GUTTERS AND SWALES
5. PROVIDE STRUCTURAL CALCULATION AND CONSTRUCTION ANCHORAGE DETAIL FOR TRANSFORMER PRIOR TO INSTALLATION.
6. SEE "C" DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR SHALL VERIFY ACTUAL UTILITY LOCATIONS.
7. PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. SEE "C" DRAWINGS.
8. CONTRACTOR TO REFER TO "C" DRAWINGS FOR ALL HORIZONTAL CONTROL DIMENSIONS. SITE PLANS ARE FOR GUIDANCE AND STARTING LAYOUT POINTS.
9. SEE "C"DRAWINGS FOR FINISH GRADE ELEVATIONS.
10. CONCRETE SIDEWALKS TO BE A MINIMUM OF 4" THICK W/ TOOLED JOINTS AT 6' O.C. EXPANSION/CONSTRUCTION JOINTS SHALL BE A MAXIMUM 12" EA. WAY W/ 1:20 MAX. SLOPE. EXPANSION JOINTS TO HAVE COMPRESSIVE EXPANSION FILLER MATERIAL OF 1/4". FINISH TO BE A MEDIUM BROOM FINISH
11. U.N.O. PROVIDE KNOX BOXES AT ALL OFFICE ENTRANCES.
12. PAINT CURBS AND PROVIDE SIGNS TO INFORM OF FIRE LANES AS REQUIRED BY FIRE DEPARTMENT.
13. ON-SITE FIRE MAIN, FIRE SPRINKLER, AND SPRINKLER MONITORING SYSTEM SHALL BE SUBMITTED SEPARATELY TO THE FIRE DEPARTMENT FOR REVIEW AND PERMITTING.
14. ALL VERTICAL MOUNTING POLES OF FENCING SHALL BE CAPPED.
15. LANDSCAPED AREAS SHALL BE DELINEATED WITH A MINIMUM SIX INCHES (6") HIGH CURB
16. ALL INTERIOR AND EXTERIOR WALK SURFACES TO BE NON-SLIP TYPE

SITE LEGEND

- STANDARD PARKING STALL, 9'X18'
- ACCESSIBLE PARKING STALL, 9'X18'+5' W/ ACCESSIBLE AISLE
- VAN ACCESSIBLE PARKING STALL, 12'X18'+5' W/ ACCESSIBLE AISLE
- STANDARD EVCS WITH EVCS SIGN ON POST, 9'X18'
- STANDARD ACCESSIBLE EVCS WITH EVCS SIGN ON POST AND MARKING "EV CHARGING ONLY", 9'X18'+5' W/ ACCESSIBLE AISLE
- VAN ACCESSIBLE EVCS WITH EVCS SIGN ON POST AND MARKING "EV CHARGING ONLY", 12'X18'+5' W/ ACCESSIBLE AISLE
- EV CAPABLE SPACE WITHOUT EVSE SIZE 9'X18'
- TRAILER PARKING (10' X 53')
- LANDSCAPED AREA
- AC. PAVING - SEE "C" DRAWINGS. FOR THICKNESS
- CONCRETE PAVING SEE "C" DRWGS. FOR THICKNESS
- LANDSCAPE FINGER PER LOCAL JURISDICTION STANDARD
- PROPERTY LINE
- ACCESSIBILITY PATH OF TRAVEL 48" MIN WIDE, 5% MAX SLOPE, 2% MAX CROSS SLOPE
- LIGHTING POLE
- EV CHARGER
- EV CHARGER FOR FUTURE

TABULATION

	BLDG. 1	BLDG. 2	BLDG. 3	BLDG. 4	TRAILER LOT	TOTAL	
SITE AREA							
In s.f.	239,963	299,145	381,103	258,462	85,585	1,264,258	sf
In acres	5.51	6.87	8.75	5.93	1.96	29.02	ac
BUILDING AREA							
Office	22,500	5,000	15,000	8,000		50,500	sf
Warehouse	36,374	83,287	137,007	53,567		310,235	sf
TOTAL	**58,874**	**88,287**	**152,007**	**61,567**		**360,735**	sf
FLOOR AREA RATIO							
Maximum Allowed			0.50				
Actual	0.25	0.30	0.40	0.24		0.29	
AUTO PARKING REQUIRED							
Office: 1/250 s.f. if exceeds 10% of GFA	90	n/a	n/a	n/a		90	stalls
Whse: 1/1,000 s.f.	37	89	153	62		341	stalls
TOTAL	**127**	**89**	**153**	**62**		**431**	stalls
AUTO PARKING PROVIDED							
Standard (9' x 18'+2' overhang)	123	65	181	90		459	stalls
Accessible parking (9'x18')	3	4	4	3		14	stalls
Accessible Van parking (9'x18'+8' Aisle)	3	3	4	3		13	stalls
EV Capable	35	17	52	25		129	stalls
~ EV capable w ithout EVSE (9'x 18'+2' overhang)	[28]	[13]	[38]	[19]			
~ EV capable w ith EVSE (9'x 18'+2' overhang)	[7]	[3]	[12]	[4]			
~ Accessible EV parking (9'x18')	[1]	[0]	[1]	[1]			
~ Accessible EV Van parking (9'x18'+8' Aisle)	[1]	[1]	[1]	[1]			
TOTAL	**164**	**89**	**241**	**121**		**615**	stalls
TRAILER PARKING PROVIDED							
Trailer (10' x 53')	0	36	0	0	44	80	stalls
BICYCLE PARKING REQUIRED							
Short Term: 4+5% total stalls	13	9	17	11		50	stalls
Long Term: 1+5% total stalls	10	6	14	8		38	stalls
TOTAL	**23**	**15**	**31**	**19**		**88**	stalls
BICYCLE PARKING PROVIDED							
Short Term:	14	10	18	12		54	stalls
Long Term:	12	8	16	8		44	stalls
TOTAL	**26**	**18**	**34**	**20**		**98**	stalls

ZONING ORDINANCE
Zoning Designation - Light Industrial (M-1)

MAXIMUM BUILDING HEIGHT ALLOWED
Height - 50'

SETBACKS

Building	Landscape
Front - 100' Ave. Blvd	50' from Foothills Blvd
Side - 50'	15' from Union Pacific Rail Road
Rear - 60'	6' parking lot setback from adjacent properties

HPA architecture
HPA Inc.
18831 Bardeen Avenue, Ste.100
Irvine, CA 92612
Tel : 949-863-1770
E-Mail : hpa@hparchs.com

LICENSED ARCHITECT YONG NAM C-29451 3-31-27 RENEWAL DATE STATE OF CALIFORNIA

Owner:

MARK IV CAPITAL

4450 MacArthur Blvd, 2nd floor
Newport Beach, CA 92660
Tel : 949-509-1444

Project:

1100 WINDING CREEK ROAD

1100 Winding Creek Rd
Roseville, CA 95678

Consultants:

CIVIL	KIMLEY HORN
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE OVERALL SITE PLAN

Project Number: 22345
Drawn By: KZ
Date: 07/12/2024

Revision:
1st Planning Submittal 09/12/2024
2nd Planning Submittal 01/22/2025
3rd Planning Submittal 04/04/2025
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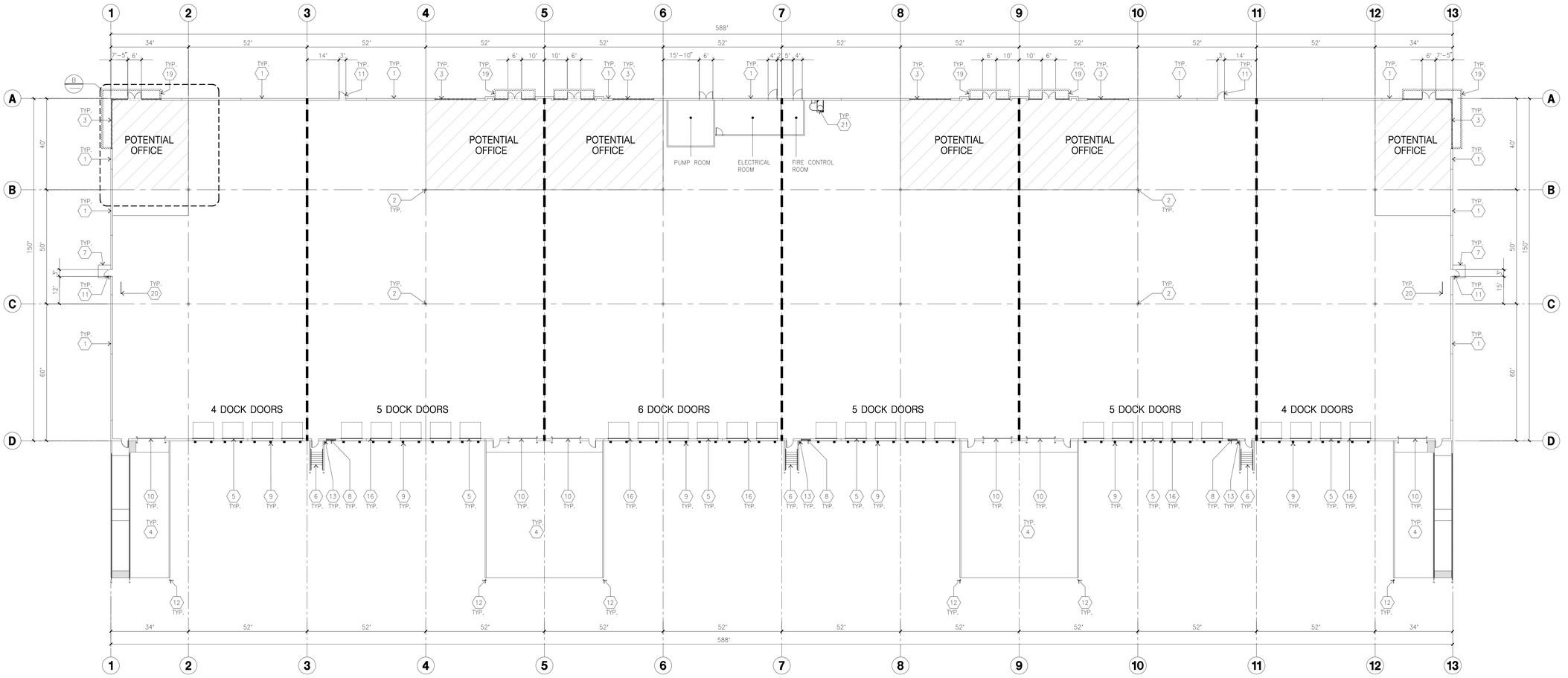


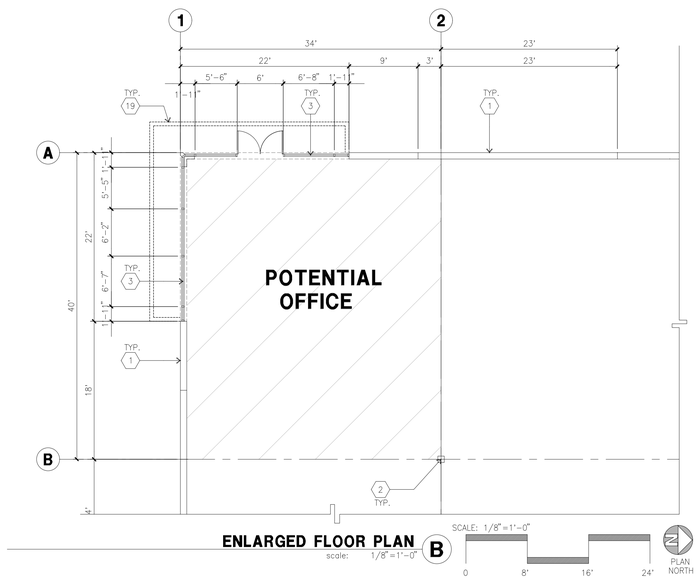
OVERALL FLOOR PLAN

scale: 1"= 20'-0"

A

SCALE: 1"=20'-0"

0 20' 40' 60' PLAN NORTH



ENLARGED FLOOR PLAN

scale: 1/8"=1'-0"

B

SCALE: 1/8"=1'-0"

0 8' 16' 24' PLAN NORTH

KEYNOTES - FLOOR PLAN

1. CONCRETE TILT-UP PANEL.
2. STRUCTURAL STEEL COLUMN.
3. TYPICAL STOREFRONT SYSTEM WITH GLAZING. SEE ENLARGED PLANS AND ELEVATIONS FOR SIZE, COLOR AND LOCATIONS.
4. CONCRETE RAMP W/ 42" HIGH CONC TILT-UP GUARD WALL OR BUILDING WALL ON BOTH SIDES OF RAMP.
5. 9' X 10' DOCK DOOR, SECTIONAL O.H., STANDARD GRADE. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
6. EXTERIOR METAL STEEL STAIR.
7. 5'-6"X5'-6"X4" THICK CONCRETE EXTERIOR LANDING PAD TYPICAL AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREA, FINISH TO BE MEDIUM BLOOM FINISH. SLOPE TO BE 1/4" : 12" MAX.
8. 4'X8' METAL LOUVER.
9. DOCK DOOR BUMPER.
10. 12' X 14' DRIVE THRU, SECTIONAL O.H., STANDARD GRADE, DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
11. 3' X 7' HOLLOW METAL EXTERIOR MAN DOOR. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
12. CONC. FILLED GUARD POST. 6" DIA. U.N.O., 48"H.
13. EXTERIOR DOWNSPOUT WITH OVERFLOW SCUPPER.
14. INTERIOR ROOF DRAIN & OVERFLOW SCUPPERS.
15. INTERIOR ROOF DRAIN WITH PIPED OVERFLOW.
16. Z GUARD.
17. PUMP ROOM.
18. ELECTRICAL ROOM.
19. METAL CANOPY ABOVE.
20. INTERIOR BIKE RACK.
21. ROOF ACCESS LADDER.

GENERAL NOTES - FLOOR PLAN

1. THIS BUILDING IS DESIGNED FOR HIGH PILE STORAGE WITH FIRE ACCESS MAN DOORS AT 125' +/-. A SEPARATE PERMIT WILL BE REQUIRED FOR ANY RACKING/CONVEYER SYSTEMS. INSURE HEAT AND SMOKE VENTS AS REQ'D COMPLY WITH TABLE 910.3 CBC
2. FIRE HOSE LOCATIONS SHALL BE APPROVED PER FIRE DEPARTMENT.
3. SEE "C" DRAWINGS FOR FINISH SURFACE ELEVATIONS.
4. WAREHOUSE INTERIOR CONCRETE WALLS ARE PAINTED WHITE. COLUMNS ARE TO RECEIVE PRIMER ONLY. ALL GYP. BD. WALLS IN WAREHOUSE TO RECEIVE 1 COAT OF WHITE TO COVER.
5. THE BUILDING FLOOR SLAB IS FLAT/SLOPED, SEE CIVIL.
6. SLOPE POUR STRIP 1/2" TO EXTERIOR AT ALL MANDOOR EXITS. SEE "S" DRAWINGS FOR POUR STRIP LOCATION.
7. PROVIDE 6" DIA. CONCRETE BOLLARD AT ALL FIRE RISER AND UNPROTECTED INTERIOR ROOF DRAIN.
8. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE PANEL WALL, GRIDLINE, OR FACE OF STUD U.N.O.
9. SEE CIVIL DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR TO VERIFY ACTUAL UTILITY LOCATIONS. PLUMBING/ELECTRICAL COORDINATION.
10. FOR DOOR TYPES AND SIZES, SEE DETAIL SHEET A5.1. NOTE: ALL DOORS PER DOOR SCHEDULE ARE FINISH OPENINGS.
11. CONTRACTOR TO PROTECT AND KEEP THE FLOOR SLAB CLEAN. ALL EQUIPMENT TO BE DIAPERED INCLUDING CARS AND TRUCKS.
12. ALL EXIT MAN DOORS IN WAREHOUSE TO HAVE ILLUMINATED EXIT SIGN HARDWARE.
13. HIGHLY FLAMMABLE AND COMBUSTIBLE MATERIAL SHALL NOT BE USED OR STORED IN THIS BUILDING.
14. PROVIDE FIRE EXTINGUISHERS AT LOCATIONS DETERMINED BY FIRE DEPARTMENT.
15. EACH EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT". THE MOUNTING HEIGHT FOR SUCH SIGNAGE SHALL BE 60" FROM FINISH FLOOR LEVEL TO THE CENTER OF THE SIGN.
16. AFFIX AN INTERNATIONAL ACCESSIBILITY SYMBOL ON ALL ACCESSIBLE ENTRANCES PER CBC 11B-216.6
17. ALL INTERIOR AND EXTERIOR WALKING SURFACES TO BE NON-SLIP TYPE

HPA architecture

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SOILS	-

TITLE OVERALL FLOOR PLAN

Project Number:	22345
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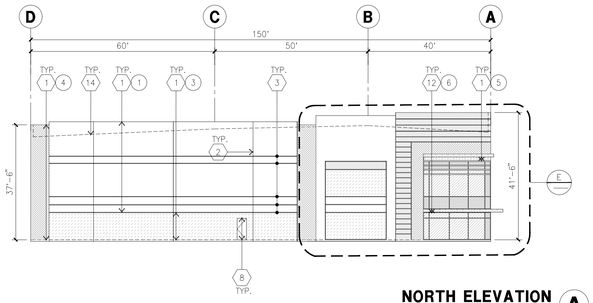
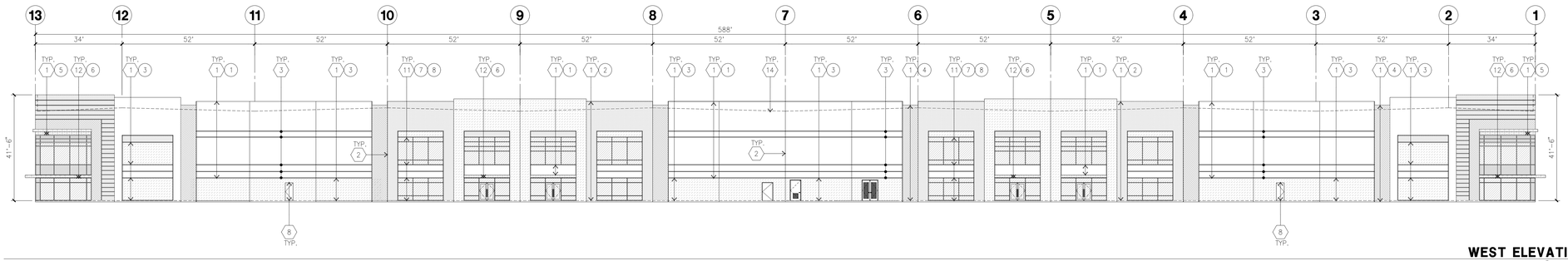
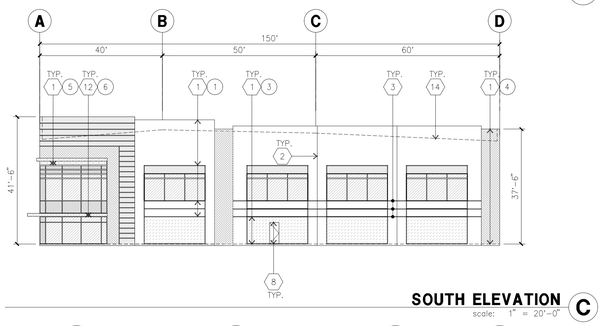


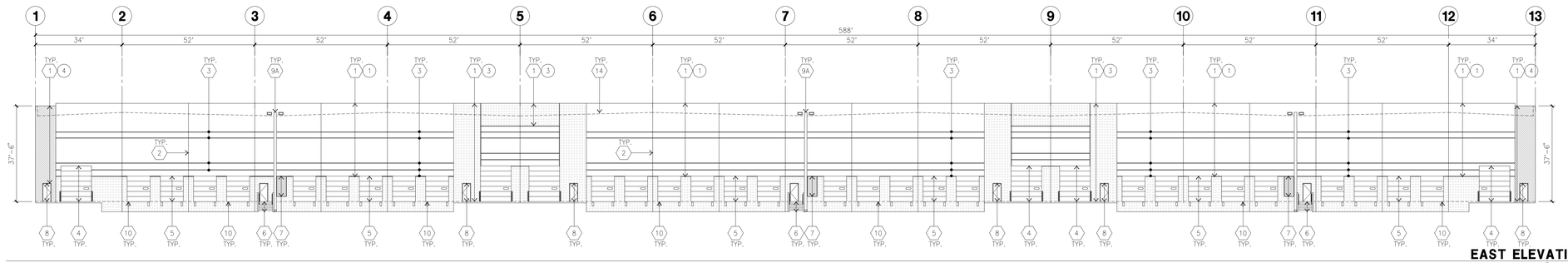
NORTH ELEVATION A
scale: 1" = 20'-0"



WEST ELEVATION B
scale: 1" = 20'-0"



SOUTH ELEVATION C
scale: 1" = 20'-0"



EAST ELEVATION D
scale: 1" = 20'-0"

KEYNOTES - ELEVATIONS

1. CONCRETE TILT-UP PANEL(PAINTED). FINISH GRADE VARIES - SEE "C" DRAWINGS. WATERPROOF ALL WALLS WHERE EXTERIOR GRADE IS HIGHER THAN FINISH FLOOR AND EXPOSED TO THE WEATHER. WATERPROOFING TO BE PROTECTED WITH PROTECTION BOARD AND A MIN. OF 6" OF GRAVEL. PROVIDE TRENCH DRAIN AT BOTTOM AND DAYLIGHT TO CURB OR TAKE TO STORM DRAIN.
2. PANEL JOINT.
3. PANEL REVEAL. ALL REVEALS TO HAVE A MAX. OF 3/8" CHAMFER. REVEAL COLOR TO MATCH ADJACENT BUILDING FIELD COLOR. U.N.O.
4. OVERHEAD DOOR @ DRIVE THRU. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
5. OVERHEAD DOOR @ DOCK HIGH. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
6. EXTERIOR METAL STEEL STAIR.
7. METAL LOUVER. PAINT TO MATCH BUILDING COLOR.
8. HOLLOW METAL DOORS. PROVIDE COMPLETE WEATHER STRIPING ALL AROUND DOOR. PROVIDE FOR RAIN DIVERTER ABOVE DOOR.
9A. EXTERIOR DOWNSPOUT WITH OVERFLOW SCUPPERS.
9B. INTERIOR ROOF DRAIN AND OVERFLOW SCUPPER.
10. DOCK BUMPER.
11. ALUMINUM STOREFRONT FRAMING WITH TEMPERED GLAZING.
12. METAL CANOPY
13. KNOCK OUT PANEL.
14. ROOF LINE BEYOND

GENERAL NOTES - ELEVATIONS

A. ALL PAINT COLOR CHANGES TO OCCUR AT INSIDE CORNERS UNLESS NOTED OTHERWISE.
B. ALL PAINT FINISHES ARE TO BE FLAT UNLESS NOTED OTHERWISE.
C. T.O.P. EL.= TOP OF PARAPET ELEVATION.
D. F.F. = FINISH FLOOR ELEVATION.
E. STOREFRONT CONSTRUCTION, GLASS, METAL ATTACHMENTS AND LINTELS SHALL BE DESIGNED TO RESIST CITY REQUIRED WIND SPEED, EXPOSURE "C". WINDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.
F. CONTRACTOR SHALL FULLY PAINT SEVERAL CONCRETE PANEL W/ SELECTED COLORS, LOCATION TO BE SELECTED BY ARCHITECT. ARCHITECT AND OWNER SHALL APPROVE PRIOR TO PAINTING REMAINDER OF BUILDING.
G. BACK SIDE OF PARAPETS TO HAVE SMOOTH FINISH AND BE PAINTED WITH ELASTOMERIC PAINT.
H. FOR SPANDREL GLAZING, ALLOW SPACE BEHIND SPANDREL TO BREATH.
J. USE ADHESIVE BACK WOOD STRIPS FOR ALL REVEAL FORMS.
K. THE FIRST COAT OF PAINT TO BE ROLLED-ON AND THE SECOND COAT TO BE SPRAYED-ON
L. EXTERIOR STAIRS AND RAMPS TO MATCH BUILDING COLOR. RAILINGS TO MATCH BUILDING COLOR.
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8. GLAZING COLOR : BLUE GLAZING
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GLAZING LEGEND

NOTE: ALL EXTERIOR AND INTERIOR GLAZING SHALL BE TEMPERED.

IV INSULATED VISION GLASS

SC SPANDREL GLASS WITH CONCRETE BEHIND

V SINGLE LITE VISION GLASS

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1/4" VISTACOOL PACIFICA WITH WARM GRAY OPACICOAT PAINTED ON REFLECTIVE. INSTALLED ON CONCRETE.

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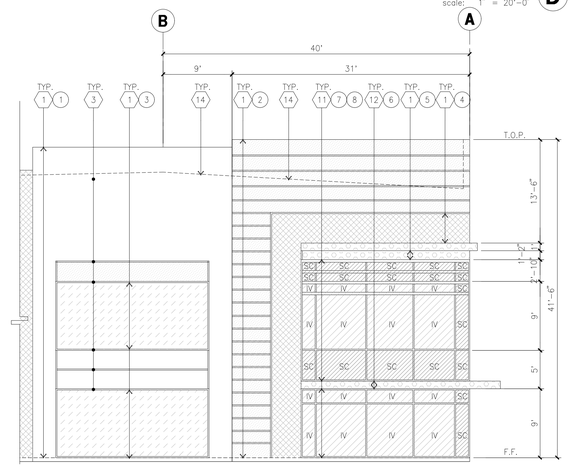
1/4" VISTACOOL PACIFICA

MULLIONS : ANODIZED CLEAR.



ENLARGED NORTH ELEVATION E
scale: 1/8" = 1'-0"

HPA architecture
HPA Inc.
18831 Bardeen Avenue, Ste.100
Irvine, CA 92612
Tel : 949-863-1770
E-Mail : hpa@hparchs.com

LICENSED ARCHITECT TONG NAM C-29451 3-31-27 RENEWAL DATE STATE OF CALIFORNIA

Owner:

MARK IV CAPITAL

4450 MacArthur Blvd, 2nd floor
Newport Beach, CA 92660
Tel : 949-509-1444

Project:

1100 WINDING CREEK ROAD

1100 Winding Creek Rd
Roseville, CA 95678

Consultants:

CIVIL	KIMLEY HORN
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE ELEVATIONS

Project Number:	22345
Drawn By:	KZ
Date:	07/12/2024

Revision:
1st Planning Submittal 09/12/2024
2nd Planning Submittal 01/22/2025
3rd Planning Submittal 04/04/2025

Sheet:

2-DAB-A3.1

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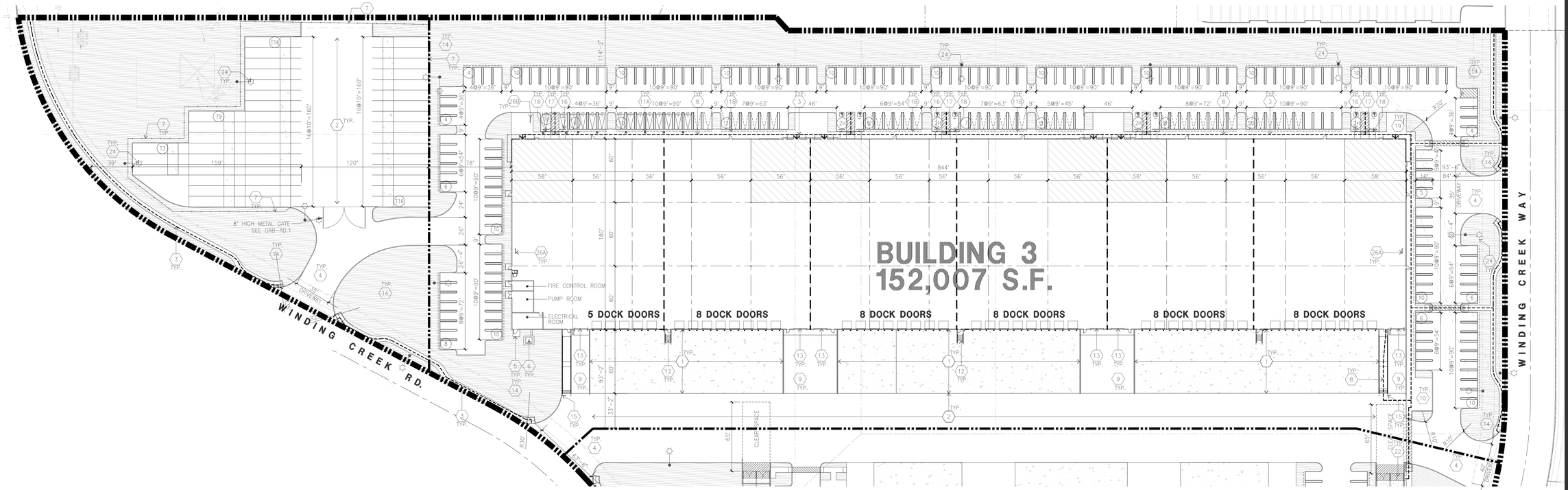

OVERALL SITE PLAN

A

scale: 1" = 40'-0"

SCALE: 1" = 40'-0"

0 40' 80' 120'

TRUE NORTH

SITE PLAN KEYNOTES

1. HEAVY BROOM FINISH CONCRETE PAVEMENT.
2. ASPHALT CONCRETE (AC) PAVING
3. ACCESSIBLE PATH OF TRAVEL
4. DRIVEWAY APRONS
5. 5'-6"X5'-6"X4" THICK CONCRETE EXTERIOR LANDING PAD TYP. AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREAS. FINISH TO BE MEDIUM BROOM FINISH SLOPE TO BE 1/4" : 12" MAX.
6. APPROXIMATE LOCATION OF TRANSFORMER.
7. 8' CHAIN LINK FENCE. SEE DAB-AD.1 FOR DETAILS.
8. CONCRETE WALKWAY, MEDIUM BROOM FINISH. SEE "L" DRAWINGS.
9. CONCRETE RAMP WITH CONCRETE GUARD WALL. SEE "C" DRAWING
10. OUTDOOR AMENITY AREA.
11A. ELECTRIC VEHICLE CHARGER.
11B. FUTURE ELECTRIC VEHICLE CHARGER. PROVIDE CONDUIT.
12. EXTERIOR METAL STEEL STAIR.
13. 12' x 14' DRIVE-IN DOOR
14. LANDSCAPE.
15. CONC. FILLED GUARD POST 6" DIA. U.N.O. 48" H.
16. PRE-CAST CONC. WHEEL STOP.
17. TRUNCATED DOMES.
18. ACCESSIBLE PARKING STALL SIGN.
19. HARDSCAPE AT ENTRANCE.
20. ACCESSIBLE ENTRY SIGN.
21. PUMP ROOM.
22. TRASH ENCLOSURE. SEE DAB-AD.1 FOR DETAILS.
23. ELECTRICAL ROOM.
24. EXTERIOR PARKING LIGHT POLE. SEE 8/DAB-AD.1 FOR DETAILS.
25. STORM TREATMENT SEE CIVIL DRAWINGS
26A. SECURED / INTERIOR BIKE RACK FOR LONG TERM BICYCLE PARKING
26B. EXTERIOR BIKE RACK FOR SHORT TERM BICYCLE PARKING
27. MONUMENT SIGN

SITE PLAN GENERAL NOTES

1. THE SITE PLAN BASED ON THE SOILS REPORT PREPARED BY TERRACON, MARCH 4, 2024(AMENDED MARCH 21,2024), PROJECT NUMBER
2. IF SOILS ARE EXPANSIVE IN NATURE, USE STEEL REINFORCING FOR ALL SITE CONCRETE
3. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE WALL, FACE OF CONCRETE CURB OR GRID LINE U.N.O.
4. SEE "C" PLANS FOR ALL CONCRETE CURBS, GUTTERS AND SWALES
5. PROVIDE STRUCTURAL CALCULATION AND CONSTRUCTION ANCHORAGE DETAIL FOR TRANSFORMER PRIOR TO INSTALLATION.
6. SEE "C" DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR SHALL VERIFY ACTUAL UTILITY LOCATIONS.
7. PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. SEE "C" DRAWINGS.
8. CONTRACTOR TO REFER TO "C" DRAWINGS FOR ALL HORIZONTAL CONTROL DIMENSIONS. SITE PLANS ARE FOR GUIDANCE AND STARTING LAYOUT POINTS.
9. SEE "C"DRAWINGS FOR FINISH GRADE ELEVATIONS.
10. CONCRETE SIDEWALKS TO BE A MINIMUM OF 4" THICK W/ TOOLED JOINTS AT 6' O.C. EXPANSION/CONSTRUCTION JOINTS SHALL BE A MAXIMUM 12' EA. WAY W/ 1:20 MAX. SLOPE. EXPANSION JOINTS TO HAVE COMPRESSIVE EXPANSION FILLER MATERIAL OF 1/4". FINISH TO BE A MEDIUM BROOM FINISH
11. U.N.O. PROVIDE KNOX BOXES AT ALL OFFICE ENTRANCES.
12. PAINT CURBS AND PROVIDE SIGNS TO INFORM OF FIRE LANES AS REQUIRED BY FIRE DEPARTMENT.
13. ON-SITE FIRE MAIN, FIRE SPRINKLER, AND SPRINKLER MONITORING SYSTEM SHALL BE SUBMITTED SEPARATELY TO THE FIRE DEPARTMENT FOR REVIEW AND PERMITTING.
14. ALL VERTICAL MOUNTING POLES OF FENCING SHALL BE CAPPED.
15. LANDSCAPED AREAS SHALL BE DELINEATED WITH A MINIMUM SIX INCHES (6") HIGH CURB
16. ALL INTERIOR AND EXTERIOR WALK SURFACES TO BE NON-SLIP TYPE

SITE LEGEND

- STANDARD PARKING STALL, 9'X18'
- ACCESSIBLE PARKING STALL, 9'X18'+5' W/ ACCESSIBLE AISLE
- VAN ACCESSIBLE PARKING STALL, 12'X18'+5' W/ ACCESSIBLE AISLE
- STANDARD EVCS WITH EVCS SIGN ON POST, 9'X18'
- STANDARD ACCESSIBLE EVCS WITH EVCS SIGN ON POST AND MARKING "EV CHARGING ONLY", 9'X18'+5' W/ ACCESSIBLE AISLE
- VAN ACCESSIBLE EVCS WITH EVCS SIGN ON POST AND MARKING "EV CHARGING ONLY", 12'X18'+5' W/ ACCESSIBLE AISLE
- EV CAPABLE SPACE WITHOUT EVSE SIZE 9'X18'
- TRAILER PARKING (10' X 53')
- LANDSCAPED AREA
- AC. PAVING - SEE "C" DRAWINGS. FOR THICKNESS
- CONCRETE PAVING SEE "C" DRWGS. FOR THICKNESS
- LANDSCAPE FINGER PER LOCAL JURISDICTION STANDARD
- PROPERTY LINE
- ACCESSIBILITY PATH OF TRAVEL 48" MIN WIDE, 5% MAX SLOPE, 2% MAX CROSS SLOPE
- LIGHTING POLE
- EV CHARGER
- EV CHARGER FOR FUTURE

TABULATION

	BLDG. 1	BLDG. 2	BLDG. 3	BLDG. 4	TRAILER LOT	TOTAL	
SITE AREA							
In s.f.	238,963	299,145	381,103	258,462	85,585	1,264,258	sf
In acres	5.51	6.87	8.75	5.93	1.96	29.02	ac
BUILDING AREA							
Office	22,500	5,000	15,000	8,000		50,500	sf
Warehouse	36,374	83,287	137,007	53,567		310,235	sf
TOTAL	**58,874**	**88,287**	**152,007**	**61,567**		**360,735**	sf
FLOOR AREA RATIO							
Maximum Allowed			0.50				
Actual	0.25	0.30	0.40	0.24		0.29	
AUTO PARKING REQUIRED							
Office: 1/250 s.f. if exceeds 10% of GFA	90	n/a	n/a	n/a		90	stalls
Whse: 1/1,000 s.f.	37	89	153	62		341	stalls
TOTAL	**127**	**89**	**153**	**62**		**431**	stalls
AUTO PARKING PROVIDED							
Standard (9' x 16'+2' overhang)	123	65	181	90		459	stalls
Accessible parking (9'x18')	3	4	4	3		14	stalls
Accessible Van parking (9'x18'+8' Aisle)	3	3	4	3		13	stalls
EV Capable	35	17	52	25		129	stalls
~ EV capable w ithout EVSE (9'x 16'+2' overhang)	[26]	[13]	[38]	[19]			
~ EV capable w ith EVSE (9'x 16'+2' overhang)	[7]	[3]	[12]	[4]			
~ Accessible EV parking (9'x18')	[1]	[0]	[1]	[1]			
~ Accessible EV Van parking (9'x18'+8' Aisle)	[1]	[1]	[1]	[1]			
TOTAL	**164**	**89**	**241**	**121**		**615**	stalls
TRAILER PARKING PROVIDED							
Trailer (10' x 53)	0	36	0	0	44	80	stalls
BICYCLE PARKING REQUIRED							
Short Term: 4+5% total stalls	13	9	17	11		50	stalls
Long Term: 1+5% total stalls	10	6	14	8		38	stalls
TOTAL	**23**	**15**	**31**	**19**		**88**	stalls
BICYCLE PARKING PROVIDED							
Short Term:	14	10	18	12		54	stalls
Long Term:	12	8	16	8		44	stalls
TOTAL	**26**	**18**	**34**	**20**		**98**	stalls

ZONING ORDINANCE
Zoning Designation - Light Industrial (M-1)

MAXIMUM BUILDING HEIGHT ALLOWED
Height - 50'

SETBACKS

Building	Landscape
Front - 100' Ave. Blvd	50' from Foothills Blvd
Side - 50'	15' from Union Pacific Rail Road
Rear - 60'	6' parking lot setback from adjacent properties

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PLUMBING	-
ELECTRCIAL	
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FIRE	-
SOILS	-

TITLE OVERALL SITE PLAN

Project Number: 22345
Drawn By: KZ
Date: 07/12/2024

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1st Planning Submittal 09/12/2024
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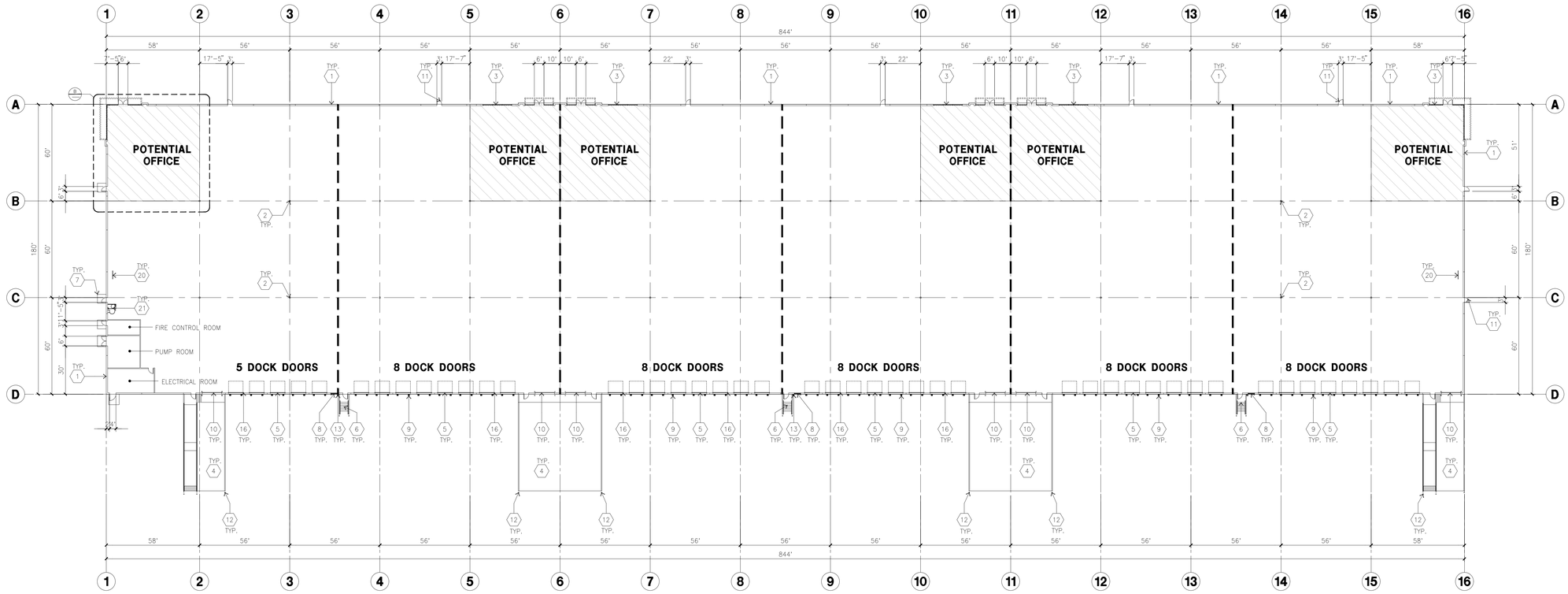
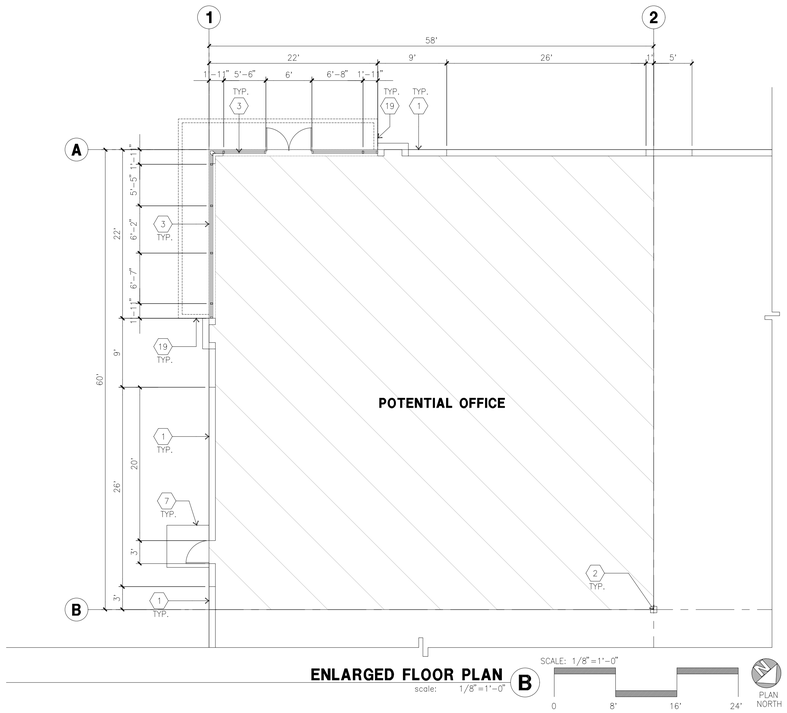


OVERALL FLOOR PLAN A
scale: 1" = 30'-0"

SCALE: 1"=30'-0"
0 30' 60' 90'
PLAN NORTH



ENLARGED FLOOR PLAN B
scale: 1/8"=1'-0"

SCALE: 1/8"=1'-0"
0 8' 16' 24'
PLAN NORTH

KEYNOTES - FLOOR PLAN

1. CONCRETE TILT-UP PANEL.
2. STRUCTURAL STEEL COLUMN.
3. TYPICAL STOREFRONT SYSTEM WITH GLAZING. SEE ENLARGED PLANS AND ELEVATIONS FOR SIZE, COLOR AND LOCATIONS.
4. CONCRETE RAMP W/ 42" HIGH CONC TILT-UP GUARD WALL OR BUILDING WALL ON BOTH SIDES OF RAMP.
5. 9'-X 10' DOCK DOOR, SECTIONAL O.H., STANDARD GRADE. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
6. EXTERIOR METAL STEEL STAIR.
7. 5'-6"X5'-6"X4" THICK CONCRETE EXTERIOR LANDING PAD TYPICAL AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREA. FINISH TO BE MEDIUM BLOOM FINISH. SLOPE TO BE 1/4" : 12" MAX.
8. 4'X8' METAL LOUVER.
9. DOCK DOOR BUMPER.
10. 12' X 14' DRIVE THRU, SECTIONAL O.H., STANDARD GRADE. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
11. 3' X 7' HOLLOW METAL EXTERIOR MAN DOOR. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
12. CONC. FILLED GUARD POST, 6" DIA. U.N.O., 48"H.
13. EXTERIOR DOWNSPOUT WITH OVERFLOW SCUPPER.
14. INTERIOR ROOF DRAIN & OVERFLOW SCUPPERS.
15. INTERIOR ROOF DRAIN WITH PIPED OVERFLOW.
16. Z GUARD.
17. PUMP ROOM.
18. ELECTRICAL ROOM.
19. METAL CANOPY ABOVE.
20. INTERIOR BIKE RACK.
21. ROOF ACCESS LADDER.

GENERAL NOTES - FLOOR PLAN

1. THIS BUILDING IS DESIGNED FOR HIGH PILE STORAGE WITH FIRE ACCESS MAN DOORS AT 125' +/-. A SEPARATE PERMIT WILL BE REQUIRED FOR ANY RACKING/CONVEYER SYSTEMS. INSURE HEAT AND SMOKE VENTS AS REQ'D COMPLY WITH TABLE 910.3 CBC.
2. FIRE HOSE LOCATIONS SHALL BE APPROVED PER FIRE DEPARTMENT.
3. SEE "C" DRAWINGS FOR FINISH SURFACE ELEVATIONS.
4. WAREHOUSE INTERIOR CONCRETE WALLS ARE PAINTED WHITE. COLUMNS ARE TO RECEIVE PRIMER ONLY. ALL GYP. BD. WALLS IN WAREHOUSE TO RECEIVE 1 COAT OF WHITE TO COVER.
5. THE BUILDING FLOOR SLAB IS FLAT/SLOPED, SEE CIVIL.
6. SLOPE POUR STRIP 1/2" TO EXTERIOR AT ALL MANDOOR EXITS. SEE "S" DRAWINGS FOR POUR STRIP LOCATION.
7. PROVIDE 6" DIA. CONCRETE BOLLARD AT ALL FIRE RISER AND UNPROTECTED INTERIOR ROOF DRAIN.
8. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE PANEL WALL, GRIDLINE, OR FACE OF STUD U.N.O.
9. SEE CIVIL DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR TO VERIFY ACTUAL UTILITY LOCATIONS. PLUMBING/ELECTRICAL COORDINATION.
10. FOR DOOR TYPES AND SIZES, SEE DETAIL SHEET A5.1. NOTE: ALL DOORS PER DOOR SCHEDULE ARE FINISH OPENINGS.
11. CONTRACTOR TO PROTECT AND KEEP THE FLOOR SLAB CLEAN. ALL EQUIPMENT TO BE DIAPERED INCLUDING CARS AND TRUCKS.
12. ALL EXIT MAN DOORS IN WAREHOUSE TO HAVE ILLUMINATED EXIT SIGN HARDWARE.
13. HIGHLY FLAMMABLE AND COMBUSTIBLE MATERIAL SHALL NOT BE USED OR STORED IN THIS BUILDING.
14. PROVIDE FIRE EXTINGUISHERS AT LOCATIONS DETERMINED BY FIRE DEPARTMENT.
15. EACH EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT". THE MOUNTING HEIGHT FOR SUCH SIGNAGE SHALL BE 60" FROM FINISH FLOOR LEVEL TO THE CENTER OF THE SIGN.
16. AFFIX AN INTERNATIONAL ACCESSIBILITY SYMBOL ON ALL ACCESSIBLE ENTRANCES PER CBC 11B-216.6
17. ALL INTERIOR AND EXTERIOR WALKING SURFACES TO BE NON-SLIP TYPE

HPA Inc.
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TITLE OVERALL FLOOR PLAN

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KEYNOTES - ELEVATIONS

1. CONCRETE TILT-UP PANEL(PAINTED). FINISH GRADE VARIES. SEE "C" DRAWINGS. WATERPROOF ALL WALLS WHERE EXTERIOR GRADE IS HIGHER THAN FINISH FLOOR AND EXPOSED TO THE WEATHER. WATERPROOFING TO BE PROTECTED WITH PROTECTION BOARD AND A MIN. OF 6" OF GRAVEL. PROVIDE TRENCH DRAIN AT BOTTOM AND DAYLIGHT TO CURB OR TAKE TO STORM DRAIN.
2. PANEL JOINT.
3. PANEL REVEAL. ALL REVEALS TO HAVE A MAX. OF 3/8" CHAMFER. REVEAL COLOR TO MATCH ADJACENT BUILDING FIELD COLOR. U.N.O.
4. OVERHEAD DOOR @ DRIVE THRU. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
5. OVERHEAD DOOR @ DOCK HIGH. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
6. EXTERIOR METAL STEEL STAIR.
7. METAL LOUVER. PAINT TO MATCH BUILDING COLOR.
8. HOLLOW METAL DOORS. PROVIDE COMPLETE WEATHER STRIPING ALL AROUND DOOR. PROVIDE FOR RAIN DIVERTER ABOVE DOOR.
9A. EXTERIOR DOWNSPOUT WITH OVERFLOW SCUPPERS.
9B. INTERIOR ROOF DRAIN AND OVERFLOW SCUPPER.
10. DOCK BUMPER.
11. ALUMINUM STOREFRONT FRAMING WITH TEMPERED GLAZING.
12. METAL CANOPY
13. KNOCK OUT PANEL.
14. ROOF LINE BEYOND

GENERAL NOTES - ELEVATIONS

A. ALL PAINT COLOR CHANGES TO OCCUR AT INSIDE CORNERS UNLESS NOTED OTHERWISE.
B. ALL PAINT FINISHES ARE TO BE FLAT UNLESS NOTED OTHERWISE.
C. T.O.P. EL.= TOP OF PARAPET ELEVATION.
D. F.F. = FINISH FLOOR ELEVATION.
E. STOREFRONT CONSTRUCTION, GLASS, METAL ATTACHMENTS AND LINTELS SHALL BE DESIGNED TO RESIST CITY REQUIRED WIND SPEED, EXPOSURE AND WIND. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.
F. CONTRACTOR SHALL FULLY PAINT SEVERAL CONCRETE PANEL W/ SELECTED COLORS. LOCATION TO BE SELECTED BY ARCHITECT. ARCHITECT AND OWNER SHALL APPROVE PRIOR TO PAINTING REMAINDER OF BUILDING.
G. BACK SIDE OF PARAPETS TO HAVE SMOOTH FINISH AND BE PAINTED WITH ELASTOMERIC PAINT.
H. FOR SPANDREL GLAZING, ALLOW SPACE BEHIND SPANDREL TO BREATH.
J. USE ADHESIVE BACK WOOD STRIPS FOR ALL REVEAL FORMS.
K. THE FIRST COAT OF PAINT TO BE ROLLED-ON AND THE SECOND COAT TO BE SPRAYED-ON
L. EXTERIOR STAIRS AND RAMPS TO MATCH BUILDING COLOR. RAILINGS TO MATCH BUILDING COLOR.
M. ALL DOORS TO BE PAINTED THE SAME COLOR AS THE ADJACENT WALL.

ELEVATION COLOR LEGEND/SCHED.

1. CONCRETE TILT-UP PANEL. COLOR : SW 7004 SNOWBOUND
2. CONCRETE TILT-UP PANEL. COLOR : SW 7071 GREY SCREEN
3. CONCRETE TILT-UP PANEL. COLOR : SW 7073 NETWORK GRAY
4. CONCRETE TILT-UP PANEL. COLOR : SW 7074 SOFTWARE
5. CONCRETE TILT-UP PANEL. COLOR : SW 7075 WEB GRAY
6. CANOPY MATERIAL : SHERWIN-WILLIAMS SW 7075 WEB GRAY
7. MULLIONS COLOR : CLEAR ANODIZED ALUMINUM
8. GLAZING COLOR : BLUE GLAZING
9. DOOR COLORS : MATCH BUILDING COLOR

GLAZING LEGEND

NOTE: ALL EXTERIOR AND INTERIOR GLAZING SHALL BE TEMPERED.

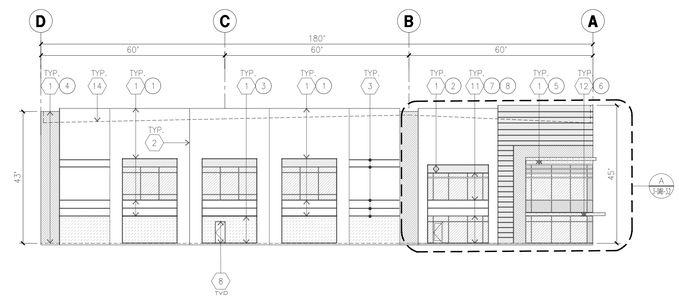
IV. INSULATED VISION GLASS

SC. SPANDREL GLASS WITH CONCRETE BEHIND

V. SINGLE LITE VISION GLASS

IV : INSULATED VISION GLASS
1/4" VISTACOOL PACIFICA + 1/4" SOLARBAN 60 CLEAR
1" INSULATED GLASS UNIT WITH 1/2" AIRSPACE AND 1/4" LITES
U: 0.27 SHGC: 0.21 VLT: 26%
MINIMUM VT TO BE 0.42 PER 2016 CEC TABLE 140.3-B

SC : SPANDREL WITH CONCRETE BEHIND



NORTH ELEVATION A
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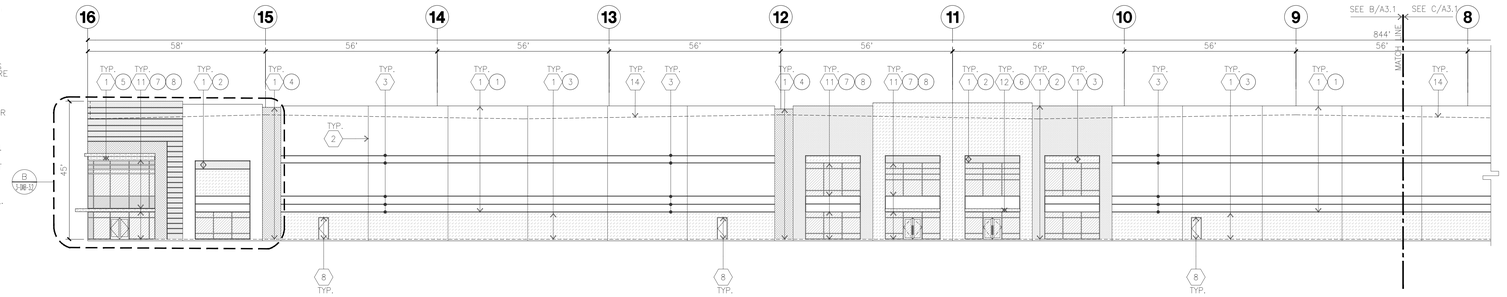

WEST ELEVATION B
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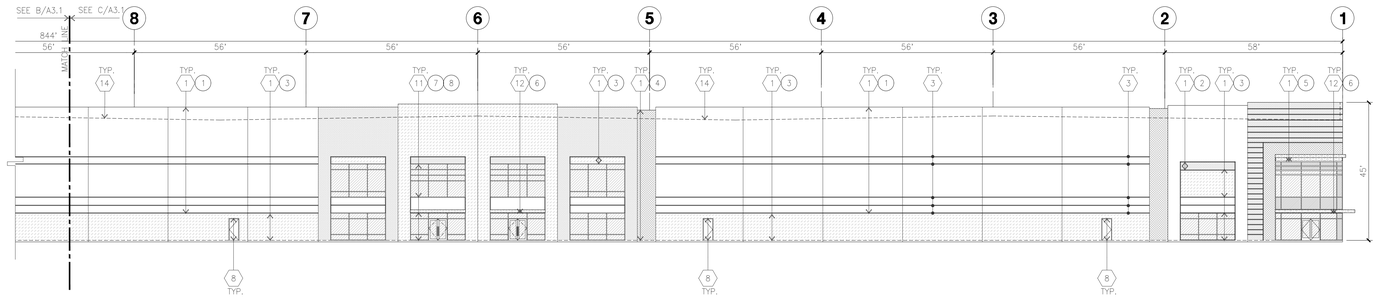

WEST ELEVATION (CON'T.) C
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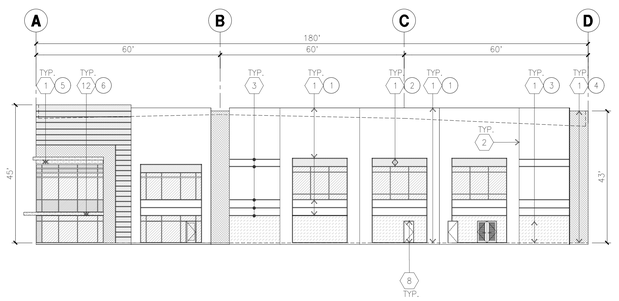

SOUTH ELEVATION D
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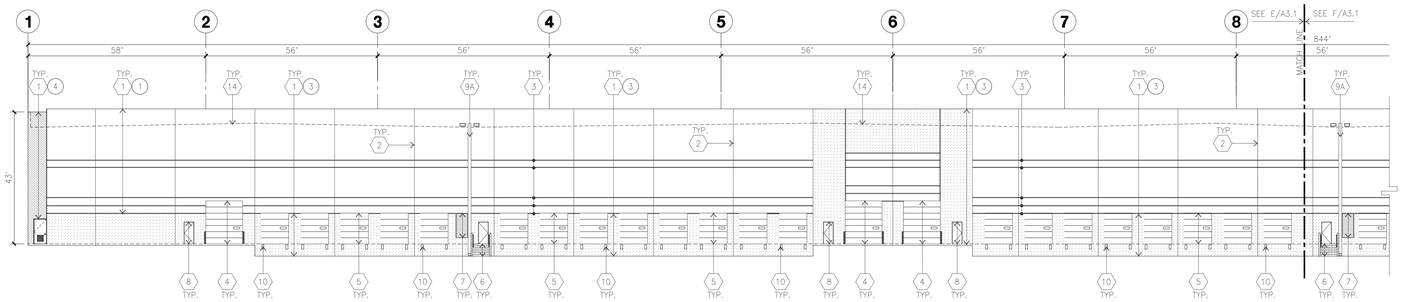

EAST ELEVATION E
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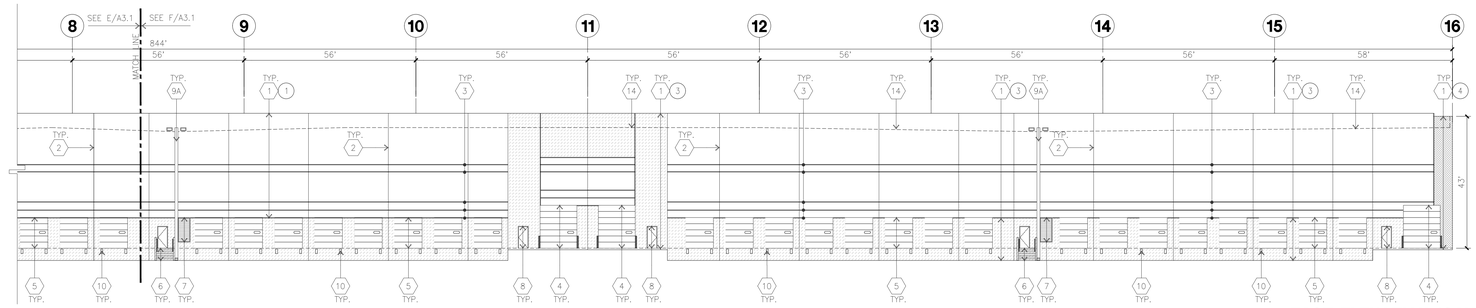

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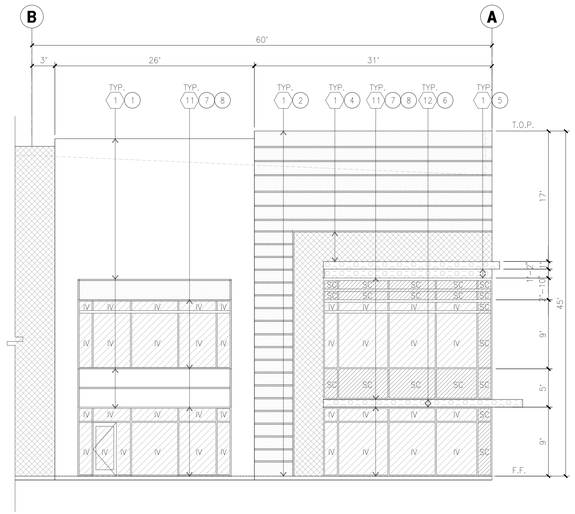
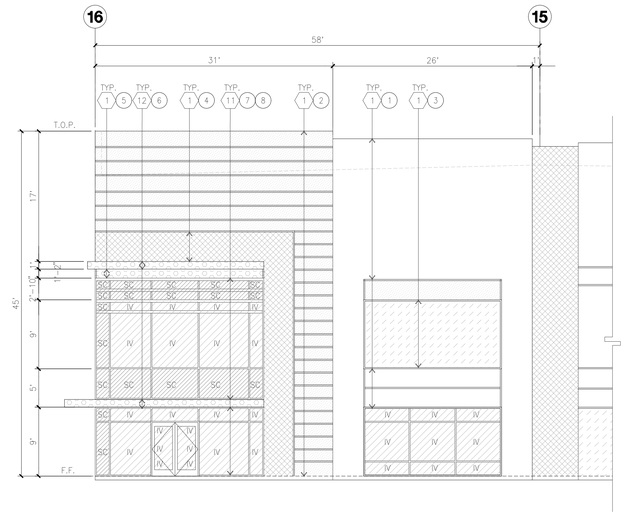


ENLARGED NORTH ELEVATION (A)

scale: 1/8" = 1'-0"



ENLARGED WEST ELEVATION (B)

scale: 1/8" = 1'-0"

KEYNOTES - ELEVATIONS

1. CONCRETE TILT-UP PANEL(PAINTED). FINISH GRADE VARIES. SEE "C" DRAWINGS. WATERPROOF ALL WALLS WHERE EXTERIOR GRADE IS HIGHER THAN FINISH FLOOR AND EXPOSED TO THE WEATHER. WATERPROOFING TO BE PROTECTED WITH PROTECTION BOARD AND A MIN. OF 6" OF GRAVEL. PROVIDE TRENCH DRAIN AT BOTTOM AND DAYLIGHT TO CURB OR TAKE TO STORM DRAIN.
2. PANEL JOINT.
3. PANEL REVEAL. ALL REVEALS TO HAVE A MAX. OF 3/8" CHAMFER. REVEAL COLOR TO MATCH ADJACENT BUILDING FIELD COLOR, U.N.O.
4. OVERHEAD DOOR @ DRIVE THRU. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
5. OVERHEAD DOOR @ DOCK HIGH. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
6. EXTERIOR METAL STEEL STAIR.
7. METAL LOUVER. PAINT TO MATCH BUILDING COLOR.
8. HOLLOW METAL DOORS. PROVIDE COMPLETE WEATHER STRIPING ALL AROUND DOOR. PROVIDE FOR RAIN DIVERTER ABOVE DOOR.
9A. EXTERIOR DOWNSPOUT WITH OVERFLOW SCUPPERS.
9B. INTERIOR ROOF DRAIN AND OVERFLOW SCUPPER.
10. DOCK BUMPER.
11. ALUMINUM STOREFRONT FRAMING WITH TEMPERED GLAZING.
12. METAL CANOPY
13. KNOCK OUT PANEL.
14. ROOF LINE BEYOND

GENERAL NOTES - ELEVATIONS

A. ALL PAINT COLOR CHANGES TO OCCUR AT INSIDE CORNERS UNLESS NOTED OTHERWISE.
B. ALL PAINT FINISHES ARE TO BE FLAT UNLESS NOTED OTHERWISE.
C. T.O.P. EL.= TOP OF PARAPET ELEVATION.
D. F.F. = FINISH FLOOR ELEVATION.
E. STOREFRONT CONSTRUCTION: GLASS, METAL ATTACHMENTS AND LINTELS SHALL BE DESIGNED TO RESIST CITY REQUIRED WIND SPEED, EXPOSURE "C" WINDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.
F. CONTRACTOR SHALL FULLY PAINT SEVERAL CONCRETE PANEL W/ SELECTED COLORS. LOCATION TO BE SELECTED BY ARCHITECT, ARCHITECT AND OWNER SHALL APPROVE PRIOR TO PAINTING REMAINDER OF BUILDING.
G. BACK SIDE OF PARAPETS TO HAVE SMOOTH FINISH AND BE PAINTED WITH ELASTOMERIC PAINT.
H. FOR SPANDREL GLAZING, ALLOW SPACE BEHIND SPANDREL TO BREATH.
J. USE ADHESIVE BACK WOOD STRIPS FOR ALL REVEAL FORMS.
K. THE FIRST COAT OF PAINT TO BE ROLLED-ON AND THE SECOND COAT TO BE SPRAYED-ON
L. EXTERIOR STAIRS AND RAMPS TO MATCH BUILDING COLOR. RAILINGS TO MATCH BUILDING COLOR.
M. ALL DOORS TO BE PAINTED THE SAME COLOR AS THE ADJACENT WALL.

ELEVATION COLOR LEGEND/SCHED.

1. CONCRETE TILT-UP PANEL. COLOR : SW 7004 SNOWBOUND
2. CONCRETE TILT-UP PANEL. COLOR : SW 7071 GREY SCREEN
3. CONCRETE TILT-UP PANEL. COLOR : SW 7073 NETWORK GRAY
4. CONCRETE TILT-UP PANEL. COLOR : SW 7074 SOFTWARE
5. CONCRETE TILT-UP PANEL. COLOR : SW 7075 WEB GRAY
6. CANOPY MATERIAL : SHERWIN-WILLIAMS SW 7075 WEB GRAY
7. MULLIONS COLOR : CLEAR ANODIZED ALUMINUM
8. GLAZING COLOR : BLUE GLAZING
9. DOOR COLORS : MATCH BUILDING COLOR

GLAZING LEGEND

NOTE: ALL EXTERIOR AND INTERIOR GLAZING SHALL BE TEMPERED.

IV INSULATED VISION GLASS

SC SPANDREL GLASS WITH CONCRETE BEHIND

V SINGLE LITE VISION GLASS

IV : INSULATED VISION GLASS
1/4" VISTACOOL PACIFICA + 1/4" SOLARBAN 60 CLEAR
1" INSULATED GLASS UNIT WITH 1/2" AIRSPACE AND 1/4" LITES
U: 0.27 SHGC: 0.21 VLT: 26%
MINIMUM VT TO BE 0.42 PER 2016 CEC TABLE 140.3-B

SC : SPANDREL WITH CONCRETE BEHIND
1/4" VISTACOOL PACIFICA WITH WARM GRAY OPACICOAT PAINTED ON REFLECTIVE. INSTALLED ON CONCRETE.

V : VISION GLASS
1/4" VISTACOOL PACIFICA

MULLIONS : ANODIZED CLEAR.

HPA architecture
HPA Inc.
18831 Bardeen Avenue, Ste.100
Irvine, CA 92612

Tel : 949-863-1770
E-Mail : hpa@hparchs.com

LICENSED ARCHITECT
YONG NAM
C-29451
3-31-27
RENEWAL DATE
STATE OF CALIFORNIA

Owner:

MARK IV CAPITAL

4450 MacArthur Blvd, 2nd floor
Newport Beach, CA 92660

Tel : 949-509-1444

Project:

1100 WINDING CREEK ROAD

1100 Winding Creek Rd
Roseville, CA 95678

Consultants:

CIVIL	KIMLEY HORN
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE ELEVATIONS

Project Number: 22345
Drawn By: KZ
Date: 07/12/2024

Revision:
1st Planning Submittal 09/12/2024
2nd Planning Submittal 01/22/2025
3rd Planning Submittal 04/04/2025

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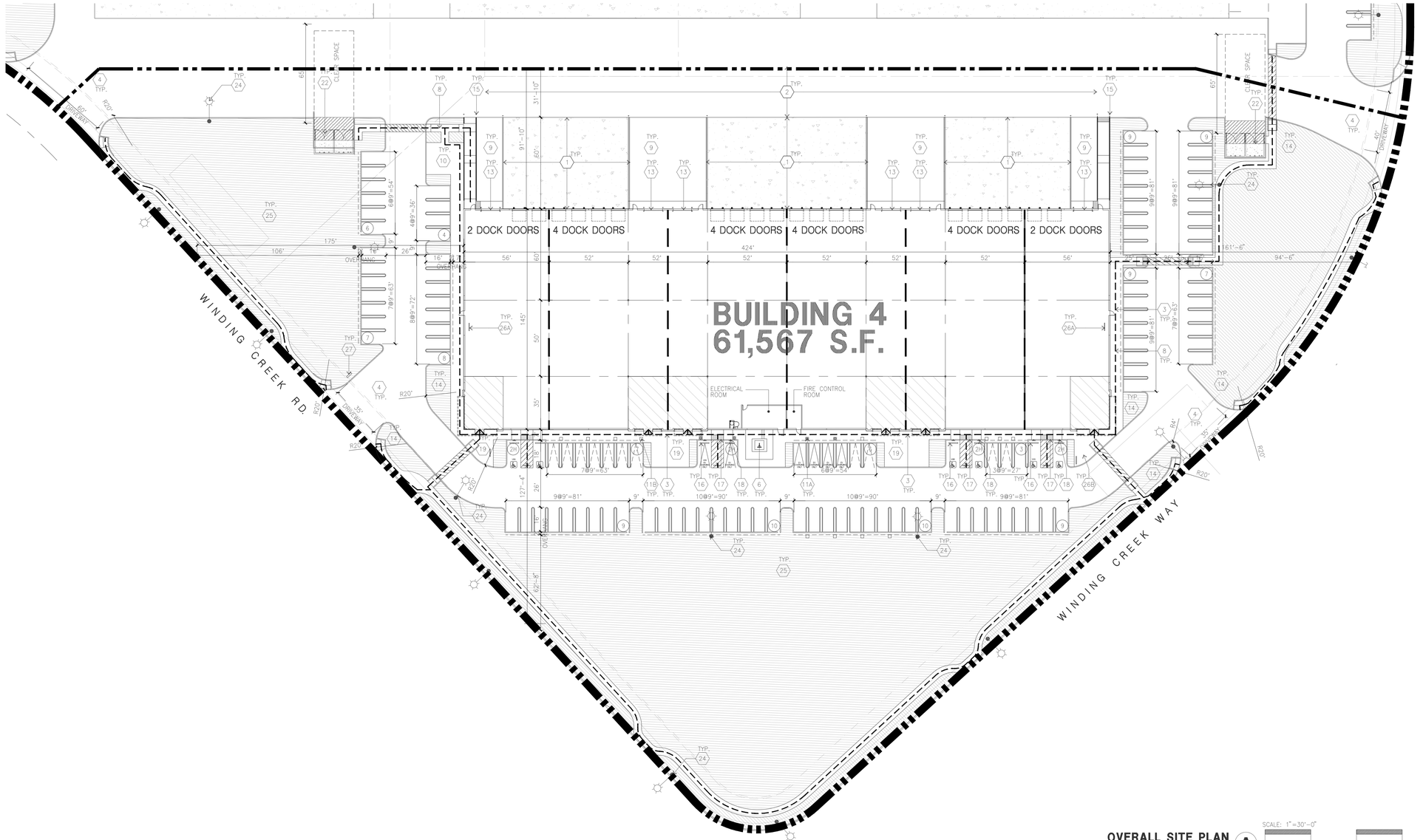

OVERALL SITE PLAN (A) scale: 1" = 30'-0"

SCALE: 1"=30'-0"

0 30' 60' 90'

TRUE NORTH

SITE PLAN KEYNOTES

1. HEAVY BROOM FINISH CONCRETE PAVEMENT.
2. ASPHALT CONCRETE (AC) PAVING
3. ACCESSIBLE PATH OF TRAVEL
4. DRIVEWAY APRONS
5. 5'-6"X5'-6"X4" THICK CONCRETE EXTERIOR LANDING PAD TYP. AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREAS. FINISH TO BE MEDIUM BROOM FINISH SLOPE TO BE 1/4" : 12" MAX.
6. APPROXIMATE LOCATION OF TRANSFORMER.
7. 8' CHAIN LINK FENCE. SEE DAB-AD.1 FOR DETAILS.
8. CONCRETE WALKWAY, MEDIUM BROOM FINISH. SEE "L" DRAWINGS.
9. CONCRETE RAMP WITH CONCRETE GUARD WALL. SEE "C" DRAWING:
10. OUTDOOR AMENITY AREA.
11A. ELECTRIC VEHICLE CHARGER.
11B. FUTURE ELECTRIC VEHICLE CHARGER. PROVIDE CONDUIT.
12. EXTERIOR METAL STEEL STAIR.
13. 12' x 14' DRIVE-IN DOOR
14. LANDSCAPE.
15. CONC. FILLED GUARD POST 6" DIA. U.N.O. 48" H.
16. PRE-CAST CONC. WHEEL STOP.
17. TRUNCATED DOMES.
18. ACCESSIBLE PARKING STALL SIGN.
19. HARDSCAPE AT ENTRANCE.
20. ACCESSIBLE ENTRY SIGN.
21. PUMP ROOM.
22. TRASH ENCLOSURE. SEE DAB-AD.1 FOR DETAILS.
23. ELECTRICAL ROOM.
24. EXTERIOR PARKING LIGHT POLE. SEE 8/DAB-AD.1 FOR DETAILS.
25. STORM TREATMENT SEE CIVIL DRAWINGS
26A. SECURED / INTERIOR BIKE RACK FOR LONG TERM BICYCLE PARKING
26B. EXTERIOR BIKE RACK FOR SHORT TERM BICYCLE PARKING
27. MONUMENT SIGN

SITE PLAN GENERAL NOTES

1. THE SITE PLAN BASED ON THE SOILS REPORT PREPARED BY TERRACON, MARCH 4, 2024(AMENDED MARCH 21,2024), PROJECT NUMBER
2. IF SOILS ARE EXPANSIVE IN NATURE, USE STEEL REINFORCING FOR ALL SITE CONCRETE
3. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE WALL, FACE OF CONCRETE CURB OR GRID LINE U.N.O.
4. SEE "C" PLANS FOR ALL CONCRETE CURBS, GUTTERS AND SWALES
5. PROVIDE STRUCTURAL CALCULATION AND CONSTRUCTION ANCHORAGE DETAIL FOR TRANSFORMER PRIOR TO INSTALLATION.
6. SEE "C" DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR SHALL VERIFY ACTUAL UTILITY LOCATIONS.
7. PROVIDE POSITIVE DRAINAGE AWAY FROM BLDG. SEE "C" DRAWINGS.
8. CONTRACTOR TO REFER TO "C" DRAWINGS FOR ALL HORIZONTAL CONTROL DIMENSIONS. SITE PLANS ARE FOR GUIDANCE AND STARTING LAYOUT POINTS.
9. SEE "C" DRAWINGS FOR FINISH GRADE ELEVATIONS.
10. CONCRETE SIDEWALKS TO BE A MINIMUM OF 4" THICK W/ TOOLED JOINTS AT 6' O.C. EXPANSION/CONSTRUCTION JOINTS SHALL BE A MAXIMUM 12' EA. WAY W/ 1:20 MAX. SLOPE. EXPANSION JOINTS TO HAVE COMPRESSIVE EXPANSION FILLER MATERIAL OF 1/4". FINISH TO BE A MEDIUM BROOM FINISH
11. U.N.O. PROVIDE KNOX BOXES AT ALL OFFICE ENTRANCES.
12. PAINT CURBS AND PROVIDE SIGNS TO INFORM OF FIRE LANES AS REQUIRED BY FIRE DEPARTMENT.
13. ON-SITE FIRE MAIN, FIRE SPRINKLER, AND SPRINKLER MONITORING SYSTEM SHALL BE SUBMITTED SEPARATELY TO THE FIRE DEPARTMENT FOR REVIEW AND PERMITTING.
14. ALL VERTICAL MOUNTING POLES OF FENCING SHALL BE CAPPED.
15. LANDSCAPED AREAS SHALL BE DELINEATED WITH A MINIMUM SIX INCHES (6") HIGH CURB
16. ALL INTERIOR AND EXTERIOR WALK SURFACES TO BE NON-SLIP TYPE

SITE LEGEND

- STANDARD PARKING STALL, 9'X18'
- ACCESSIBLE PARKING STALL, 9'X18'+5' W/ ACCESSIBLE AISLE
- VAN ACCESSIBLE PARKING STALL, 12'X18'+5' W/ ACCESSIBLE AISLE
- STANDARD EVCS WITH EVCS SIGN ON POST, 9'X18'
- STANDARD ACCESSIBLE EVCS WITH EVCS SIGN ON POST AND MARKING "EV CHARGING ONLY", 9'X18'+5' W/ ACCESSIBLE AISLE
- VAN ACCESSIBLE EVCS WITH EVCS SIGN ON POST AND MARKING "EV CHARGING ONLY", 12'X18'+5' W/ ACCESSIBLE AISLE
- EV CAPABLE SPACE WITHOUT EVSE SIZE 9'X18'
- TRAILER PARKING (10' X 53')
- LANDSCAPED AREA
- AC. PAVING - SEE "C" DRAWINGS. FOR THICKNESS
- CONCRETE PAVING SEE "C" DRWGS. FOR THICKNESS
- LANDSCAPE FINGER PER LOCAL JURISDICTION STANDARD
- PROPERTY LINE
- ACCESSIBILITY PATH OF TRAVEL 48" MIN WIDE, 5% MAX SLOPE, 2% MAX CROSS SLOPE
- LIGHTING POLE
- EV CHARGER
- EV CHARGER FOR FUTURE

TABULATION

	BLDG. 1	BLDG. 2	BLDG. 3	BLDG. 4	TRAILER LOT	TOTAL	
SITE AREA							
In s.f.	239,963	299,145	381,103	258,462	85,585	1,264,258	sf
In acres	5.51	6.87	8.75	5.93	1.96	29.02	ac
BUILDING AREA							
Office	22,500	5,000	15,000	8,000		50,500	sf
Warehouse	36,374	83,287	137,007	53,567		310,235	sf
TOTAL	58,874	88,287	152,007	61,567		360,735	sf
FLOOR AREA RATIO							
Maximum Allowed			0.50				
Actual	0.25	0.30	0.40	0.24		0.29	
AUTO PARKING REQUIRED							
Office: 1/250 s.f. if exceeds 10% of GFA	90	n/a	n/a	n/a		90	stalls
Whse: 1/1,000 s.f.	37	89	153	62		341	stalls
TOTAL	127	89	153	62		431	stalls
AUTO PARKING PROVIDED							
Standard (9' x 16'+2' overhang)	123	65	181	90		459	stalls
Accessible parking (9'x18')	3	4	4	3		14	stalls
Accessible Van parking (9'x18'+8' Aisle)	3	3	4	3		13	stalls
EV Capable	35	17	52	25		129	stalls
~ EV capable w ithout EVSE (9'x 16'+2' overhang)	[26]	[13]	[38]	[19]			
~ EV capable w ith EVSE (9'x 16'+2' overhang)	[7]	[3]	[12]	[4]			
~ Accessible EV parking (9'x18')	[1]	[0]	[1]	[1]			
~ Accessible EV Van parking (9'x18'+8' Aisle)	[1]	[1]	[1]	[1]			
TOTAL	164	89	241	121		615	stalls
TRAILER PARKING PROVIDED							
Trailer (10' x 53')	0	36	0	0	44	80	stalls
BICYCLE PARKING REQUIRED							
Short Term: 4+5% total stalls	13	9	17	11		50	stalls
Long Term: 1+5% total stalls	10	6	14	8		38	stalls
TOTAL	23	15	31	19		88	stalls
BICYCLE PARKING PROVIDED							
Short Term:	14	10	18	12		54	stalls
Long Term:	12	8	16	8		44	stalls
TOTAL	26	18	34	20		98	stalls
ZONING ORDINANCE							
Zoning Designation - Light Industrial (M-1)							
MAXIMUM BUILDING HEIGHT ALLOWED							
Height - 50'							
SETBACKS							
Building	Landscape						
Front - 100' Ave. Blvd	50' from Foothills Blvd						
Side - 50'	15' from Union Pacific Rail Road						
Rear - 60'	6' parking lot setback from adjacent properties						

HPA architecture
HPA Inc.
18831 Bardeen Avenue, Ste.100
Irvine, CA 92612
Tel : 949-863-1770
E-Mail : hpa@hparchs.com

LICENSED ARCHITECT YONG NAM C-29451 3-31-27 RENEWAL DATE STATE OF CALIFORNIA

Owner:

MARK IV CAPITAL

4450 MacArthur Blvd, 2nd floor
Newport Beach, CA 92660
Tel : 949-509-1444

Project:

1100 WINDING CREEK ROAD

1100 Winding Creek Rd
Roseville, CA 95678

Consultants:

CIVIL	KIMLEY HORN
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE OVERALL SITE PLAN

Project Number: 22345
Drawn By: KZ
Date: 07/12/2024

Revision:
1st Planning Submittal 09/12/2024
2nd Planning Submittal 01/22/2025
3rd Planning Submittal 04/04/2025
4th Planning Submittal 05/27/2025

Sheet:

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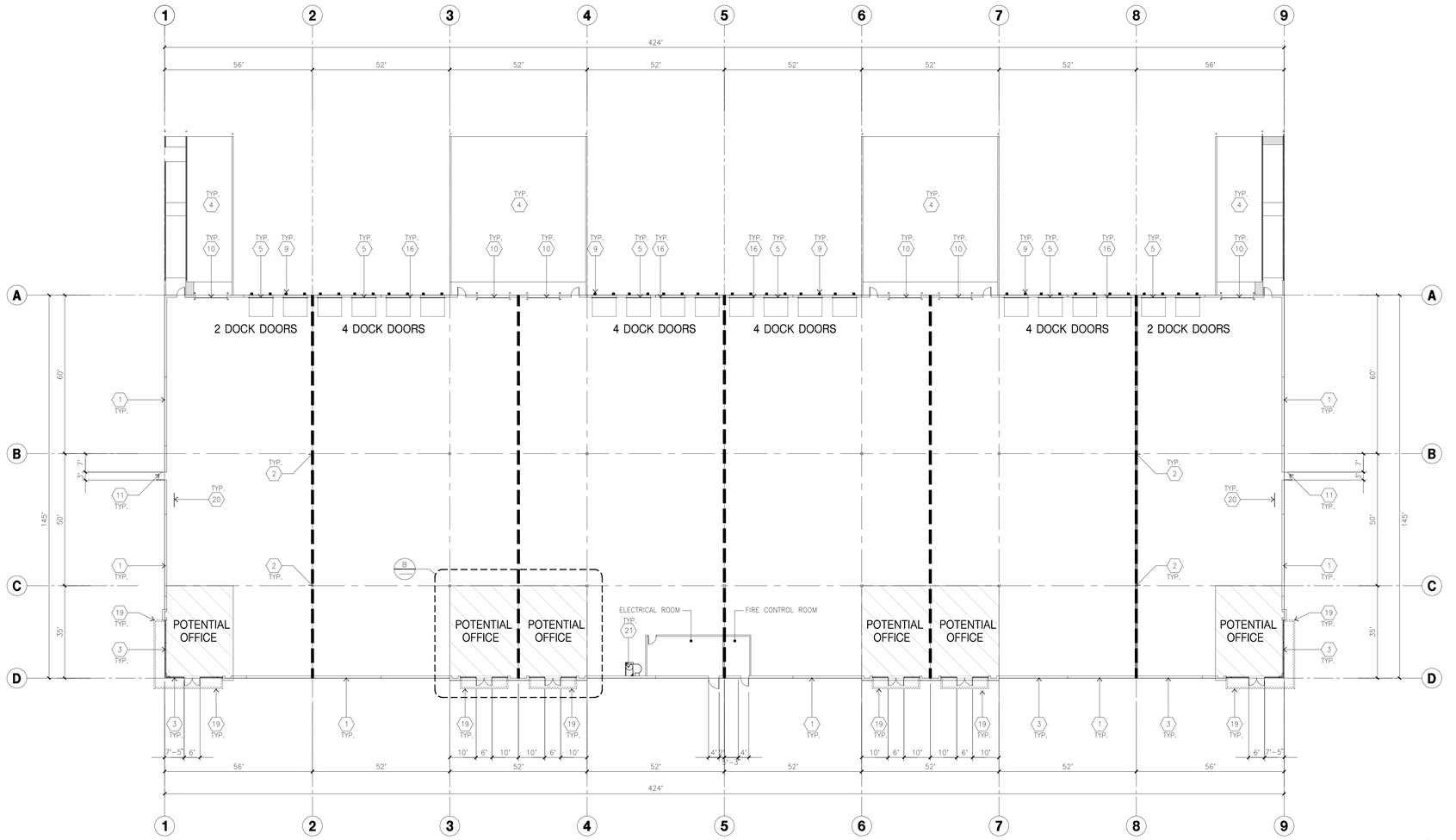
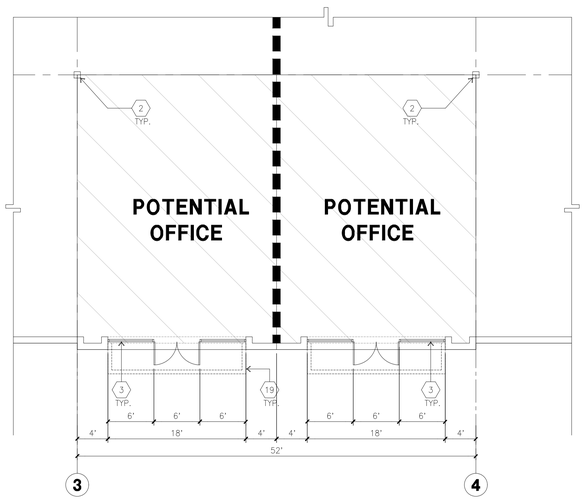


OVERALL FLOOR PLAN

scale: 1" = 20'-0"

SCALE: 1"=20'-0"

0 20' 40' 60' PLAN NORTH



ENLARGED FLOOR PLAN

scale: 1/8"=1'-0"

SCALE: 1/8"=1'-0"

0 8' 16' 24' PLAN NORTH

KEYNOTES - FLOOR PLAN

1. CONCRETE TILT-UP PANEL.
2. STRUCTURAL STEEL COLUMN.
3. TYPICAL STOREFRONT SYSTEM WITH GLAZING. SEE ENLARGED PLANS AND ELEVATIONS FOR SIZE, COLOR AND LOCATIONS.
4. CONCRETE RAMP W/ 42" HIGH CONC TILT-UP GUARD WALL OR BUILDING WALL ON BOTH SIDES OF RAMP.
5. 9' X 10' DOCK DOOR, SECTIONAL O.H., STANDARD GRADE. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
6. EXTERIOR METAL STEEL STAIR.
7. 5'-6"X5'-6"X4" THICK CONCRETE EXTERIOR LANDING PAD TYPICAL AT ALL EXTERIOR MAN DOORS TO LANDSCAPED AREA. FINISH TO BE MEDIUM BLOOM FINISH. SLOPE TO BE 1/4" : 12" MAX.
8. 4'X8' METAL LOUVER.
9. DOCK DOOR BUMPER.
10. 12' X 14' DRIVE THRU, SECTIONAL O.H., STANDARD GRADE. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
11. 3" X 7" HOLLOW METAL EXTERIOR MAN DOOR. DESIGNED TO RESIST CITY REQUIRED WIND SPEED.
12. CONC. FILLED GUARD POST. 6" DIA. U.N.O., 48"H.
13. EXTERIOR DOWNSPOUT WITH OVERFLOW SCUPPER.
14. INTERIOR ROOF DRAIN & OVERFLOW SCUPPERS.
15. INTERIOR ROOF DRAIN WITH PIPED OVERFLOW.
16. Z GUARD.
17. PUMP ROOM.
18. ELECTRICAL ROOM.
19. METAL CANOPY ABOVE.
20. INTERIOR BIKE RACK.
21. ROOF ACCESS LADDER.

GENERAL NOTES - FLOOR PLAN

1. THIS BUILDING IS DESIGNED FOR HIGH PILE STORAGE WITH FIRE ACCESS MAN DOORS AT 125' +/-. A SEPARATE PERMIT WILL BE REQUIRED FOR ANY RACKING/CONVEYER SYSTEMS. INSURE HEAT AND SMOKE VENTS AS REQ'D COMPLY WITH TABLE 910.3 CBC
2. FIRE HOSE LOCATIONS SHALL BE APPROVED PER FIRE DEPARTMENT.
3. SEE "C" DRAWINGS FOR FINISH SURFACE ELEVATIONS.
4. WAREHOUSE INTERIOR CONCRETE WALLS ARE PAINTED WHITE. COLUMNS ARE TO RECEIVE PRIMER ONLY. ALL GYP. BD. WALLS IN WAREHOUSE TO RECEIVE 1 COAT OF WHITE TO COVER.
5. THE BUILDING FLOOR SLAB IS FLAT/SLOPED, SEE CIVIL.
6. SLOPE POUR STRIP 1/2" TO EXTERIOR AT ALL MANDOOR EXITS. SEE "S" DRAWINGS FOR POUR STRIP LOCATION.
7. PROVIDE 6" DIA. CONCRETE BOLLARD AT ALL FIRE RISER AND UNPROTECTED INTERIOR ROOF DRAIN.
8. ALL DIMENSIONS ARE TO THE FACE OF CONCRETE PANEL WALL, GRIDLINE, OR FACE OF STUD U.N.O.
9. SEE CIVIL DRAWINGS FOR POINT OF CONNECTIONS TO OFF-SITE UTILITIES. CONTRACTOR TO VERIFY ACTUAL UTILITY LOCATIONS. PLUMBING/ELECTRICAL COORDINATION.
10. FOR DOOR TYPES AND SIZES, SEE DETAIL SHEET A5.1. NOTE: ALL DOORS PER DOOR SCHEDULE ARE FINISH OPENINGS.
11. CONTRACTOR TO PROTECT AND KEEP THE FLOOR SLAB CLEAN. ALL EQUIPMENT TO BE DIAPERED INCLUDING CARS AND TRUCKS.
12. ALL EXIT MAN DOORS IN WAREHOUSE TO HAVE ILLUMINATED EXIT SIGN HARDWARE.
13. HIGHLY FLAMMABLE AND COMBUSTIBLE MATERIAL SHALL NOT BE USED OR STORED IN THIS BUILDING.
14. PROVIDE FIRE EXTINGUISHERS AT LOCATIONS DETERMINED BY FIRE DEPARTMENT.
15. EACH EXTERIOR EXIT DOOR SHALL BE IDENTIFIED BY A TACTILE EXIT SIGN WITH THE WORDS "EXIT". THE MOUNTING HEIGHT FOR SUCH SIGNAGE SHALL BE 60" FROM FINISH FLOOR LEVEL TO THE CENTER OF THE SIGN.
16. AFFIX AN INTERNATIONAL ACCESSIBILITY SYMBOL ON ALL ACCESSIBLE ENTRANCES PER CBC 11B-216.6
17. ALL INTERIOR AND EXTERIOR WALKING SURFACES TO BE NON-SLIP TYPE

HPA architecture
HPA Inc.
18831 Bardeen Avenue, Ste.100
Irvine, CA 92612

Tel : 949-863-1770
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PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE OVERALL FLOOR PLAN

Project Number:	22345
Drawn By:	KZ
Date:	07/12/2024

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2nd Planning Submittal 01/22/2025
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Sheet:

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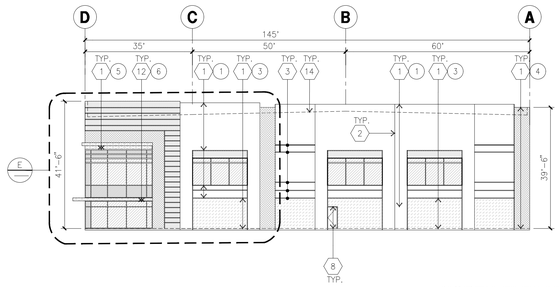
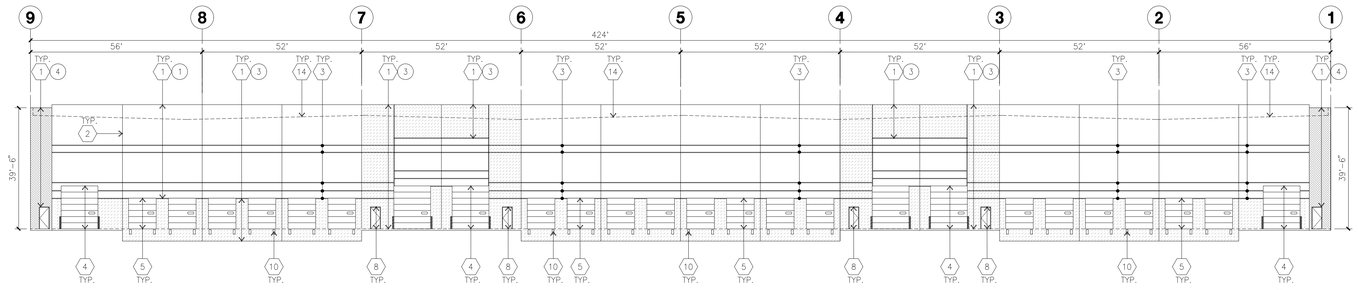
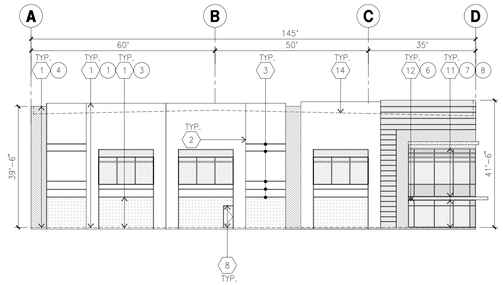


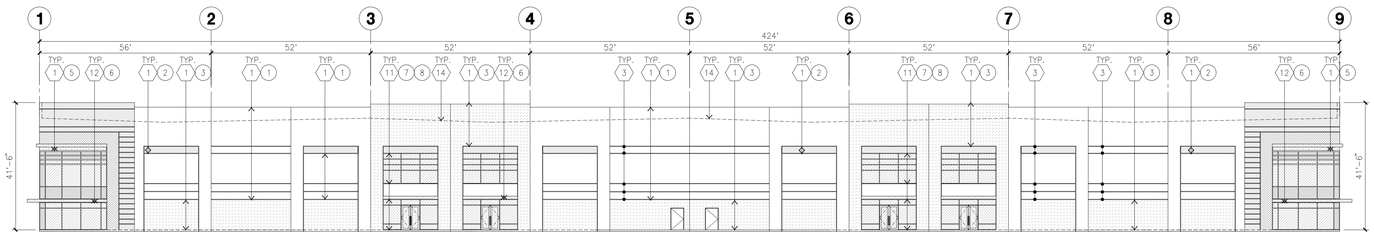
NORTH ELEVATION A
scale: 1" = 20'-0"



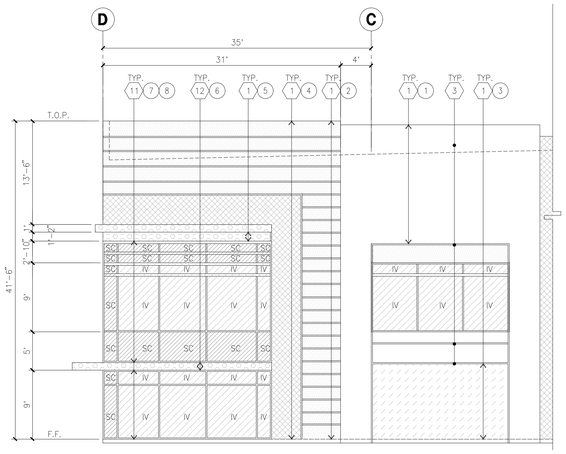
WEST ELEVATION B
scale: 1" = 20'-0"



SOUTH ELEVATION C
scale: 1" = 20'-0"



EAST ELEVATION D
scale: 1" = 20'-0"



ENLARGED NORTH ELEVATION E
scale: 1/8" = 1'-0"

KEYNOTES - ELEVATIONS

1. CONCRETE TILT-UP PANEL(PAINTED). FINISH GRADE VARIES. SEE "C" DRAWINGS. WATERPROOF ALL WALLS WHERE EXTERIOR GRADE IS HIGHER THAN FINISH FLOOR AND EXPOSED TO THE WEATHER. WATERPROOFING TO BE PROTECTED WITH PROTECTION BOARD AND A MIN. OF 6" OF GRAVEL. PROVIDE TRENCH DRAIN AT BOTTOM AND DAYLIGHT TO CURB OR TAKE TO STORM DRAIN.
2. PANEL JOINT.
3. PANEL REVEAL. ALL REVEALS TO HAVE A MAX. OF 3/8" CHAMFER. REVEAL COLOR TO MATCH ADJACENT BUILDING FIELD COLOR. U.N.O.
4. OVERHEAD DOOR @ DRIVE THRU. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
5. OVERHEAD DOOR @ DOCK HIGH. PROVIDE COMPLETE WEATHER-STRIPPING PROTECTION ALL AROUND.
6. EXTERIOR METAL STEEL STAIR.
7. METAL LOUVER. PAINT TO MATCH BUILDING COLOR.
8. HOLLOW METAL DOORS. PROVIDE COMPLETE WEATHER STRIPING ALL AROUND DOOR. PROVIDE FOR RAIN DIVERTER ABOVE DOOR.
9A. EXTERIOR DOWNSPOUT WITH OVERFLOW SCUPPERS.
9B. INTERIOR ROOF DRAIN AND OVERFLOW SCUPPER.
10. DOCK BUMPER.
11. ALUMINUM STOREFRONT FRAMING WITH TEMPERED GLAZING.
12. METAL CANOPY
13. KNOCK OUT PANEL.
14. ROOF LINE BEYOND

GENERAL NOTES - ELEVATIONS

A. ALL PAINT COLOR CHANGES TO OCCUR AT INSIDE CORNERS UNLESS NOTED OTHERWISE.
B. ALL PAINT FINISHES ARE TO BE FLAT UNLESS NOTED OTHERWISE.
C. T.O.P. EL.= TOP OF PARAPET ELEVATION.
D. F.F. = FINISH FLOOR ELEVATION.
E. STOREFRONT CONSTRUCTION, GLASS, METAL ATTACHMENTS AND LINTELS SHALL BE DESIGNED TO RESIST CITY REQUIRED WIND SPEED, EXPOSURE "C". WINDS. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS PRIOR TO INSTALLATION.
F. CONTRACTOR SHALL FULLY PAINT SEVERAL CONCRETE PANEL W/ SELECTED COLORS, LOCATION TO BE SELECTED BY ARCHITECT. ARCHITECT AND OWNER SHALL APPROVE PRIOR TO PAINTING REMAINDER OF BUILDING.
G. BACK SIDE OF PARAPETS TO HAVE SMOOTH FINISH AND BE PAINTED WITH ELASTOMERIC PAINT.
H. FOR SPANDREL GLAZING, ALLOW SPACE BEHIND SPANDREL TO BREATH.
J. USE ADHESIVE BACK WOOD STRIPS FOR ALL REVEAL FORMS.
K. THE FIRST COAT OF PAINT TO BE ROLLED-ON AND THE SECOND COAT TO BE SPRAYED-ON
L. EXTERIOR STAIRS AND RAMPS TO MATCH BUILDING COLOR. RAILINGS TO MATCH BUILDING COLOR.
M. ALL DOORS TO BE PAINTED THE SAME COLOR AS THE ADJACENT WALL.

ELEVATION COLOR LEGEND/SCHED.

1. CONCRETE TILT-UP PANEL, COLOR : SW 7004 SNOWBOUND
2. CONCRETE TILT-UP PANEL, COLOR : SW 7071 GREY SCREEN
3. CONCRETE TILT-UP PANEL, COLOR : SW 7073 NETWORK GRAY
4. CONCRETE TILT-UP PANEL, COLOR : SW 7074 SOFTWARE
5. CONCRETE TILT-UP PANEL, COLOR : SW 7075 WEB GRAY
6. CANOPY MATERIAL : SHERWIN-WILLIAMS SW 7075 WEB GRAY
7. MULLIONS COLOR : CLEAR ANODIZED ALUMINUM
8. GLAZING COLOR : BLUE GLAZING
9. DOOR COLORS : MATCH BUILDING COLOR

GLAZING LEGEND

NOTE: ALL EXTERIOR AND INTERIOR GLAZING SHALL BE TEMPERED.

IV INSULATED VISION GLASS

SC SPANDREL GLASS WITH CONCRETE BEHIND

V SINGLE LITE VISION GLASS

IV : INSULATED VISION GLASS
1/4" VISTACOOL PACIFICA + 1/4" SOLARBAN 60 CLEAR
1" INSULATED GLASS UNIT WITH 1/2" AIRSPACE AND 1/4" LITES
U: 0.27 SHGC: 0.21 VLT: 26%
MINIMUM VT TO BE 0.42 PER 2016 CEC TABLE 140.3-B

SC : SPANDREL WITH CONCRETE BEHIND
1/4" VISTACOOL PACIFICA WITH WARM GRAY OPACICOAT PAINTED ON REFLECTIVE. INSTALLED ON CONCRETE.

V : VISION GLASS
1/4" VISTACOOL PACIFICA

MULLIONS : ANODIZED CLEAR.

HPA architecture
HPA Inc.
18831 Bardeen Avenue, Ste.100
Irvine, CA 92612
Tel : 949-863-1770
E-Mail : hpa@hparchs.com

LICENSED ARCHITECT TONG NAM C-29451 3-31-27 RENEWAL DATE STATE OF CALIFORNIA

Owner:

MARK IV CAPITAL

4450 MacArthur Blvd, 2nd floor
Newport Beach, CA 92660
Tel : 949-509-1444

Project:

1100 WINDING CREEK ROAD

1100 Winding Creek Rd
Roseville, CA 95678

Consultants:

CIVIL	KIMLEY HORN
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE ELEVATIONS

Project Number: 22345
Drawn By: KZ
Date: 07/12/2024

Revision:
1st Planning Submittal 09/12/2024
2nd Planning Submittal 01/22/2025
3rd Planning Submittal 04/04/2025

Sheet:

4-DAB-A3.1

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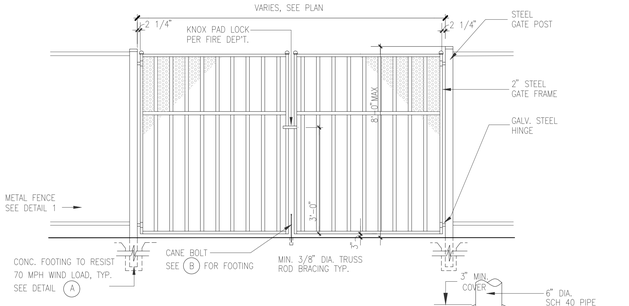
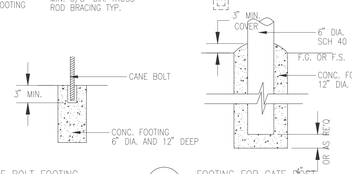




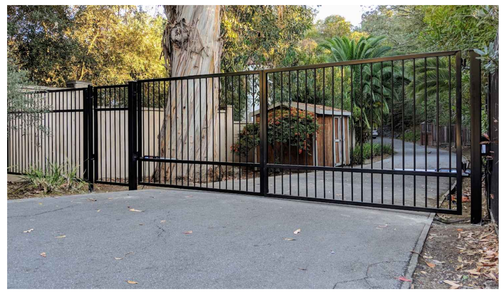
FENCE AND GATE CONTRACTOR TO DESIGN AND DETAIL ALL NOTES:
MEMBERS AND CONNECTIONS IN ACCORDANCE WITH WIND VELOCITY =90 MPH
EXPOSURE = C
ALL CALCULATIONS WILL BE DONE BY REGISTERED STRUCTURAL ENGINEER IN THE STATE OF CALIFORNIA AND SUBMITTED FOR ARCHITECT'S AND BUILDING DEPARTMENT APPROVAL PRIOR TO FABRICATION
WELD AND GRIND SMOOTH ALL JOINTS

CANE BOLT FOOTING N.T.S. B

FOOTING FOR GATE POST N.T.S. A

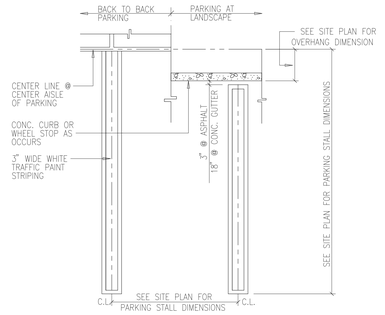
DOUBLE SWING VEHICULAR GATES 9

SCALE: N.T.S.



DOUBLE SWING VEHICULAR GATES 10

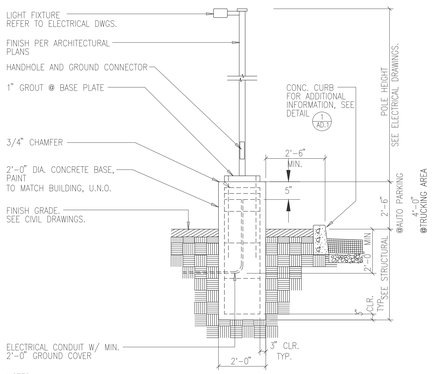
SCALE: N.T.S.



NOTES:
1. PROVIDE 2 COATS OF PAINT OVER NON-SEALED ASPHALT PAVING AND 1 COAT OF PAINT OVER SLURRY SEALED ASPHALT.
2. VERIFY STRIPING REQUIREMENTS W/ CITY, & PROVIDE ACCORDINGLY
3. PROVIDE 4" WIDE STRIPPING AT ALL TRUCK STALLS

PARKING LOT STRIPES 7

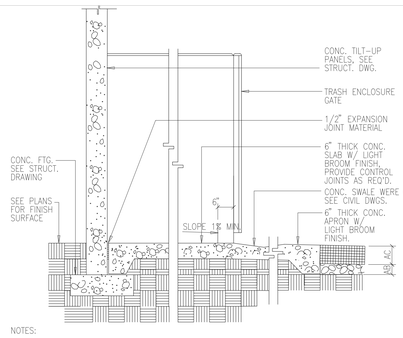
SCALE: N.T.S. 10301A



NOTES:
1. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. SEE SITE PLAN FOR LIGHT POLE LOCATIONS.

LIGHT POLE AND BASE 8

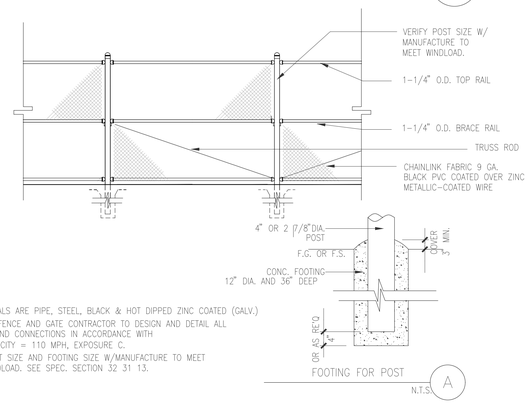
SCALE: 3/8"=1'-0"



NOTES:
1. SEE SOILS REPORT FOR BELOW SLAB PREPARATIONS AND STEEL REINFORCEMENT RECOMMENDATIONS.
2. SEE DETAILS 2 3 FOR ADDITIONAL NOTES.

TRASH ENCLOSURE SECTION 1

SCALE: N.T.S. 10502C

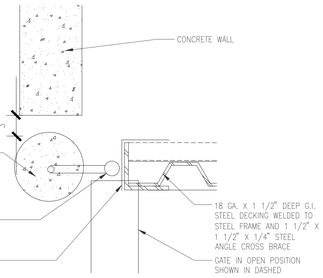


ALL MATERIALS ARE PIPE, STEEL, BLACK & HOT DIPPED ZINC COATED (GALV.)
CHAINLINK FENCE AND GATE CONTRACTOR TO DESIGN AND DETAIL ALL MEMBERS AND CONNECTIONS IN ACCORDANCE WITH WINDE VELOCITY = 110 MPH, EXPOSURE C.
3. VERIFY POST SIZE AND FOOTING SIZE W/MANUFACTURE TO MEET REQUIRED WINDLOAD. SEE SPEC. SECTION 32 31 13.

FOOTING FOR POST N.T.S. A

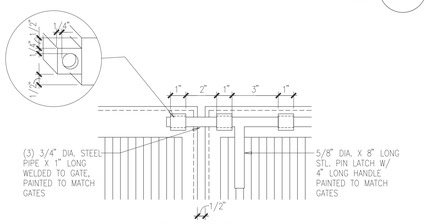
CHAIN-LINK FENCE 6

SCALE: N.T.S.

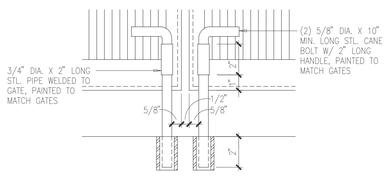


TRASH ENCLOSURE GATE & HINGE 4

SCALE: NTS 10506C



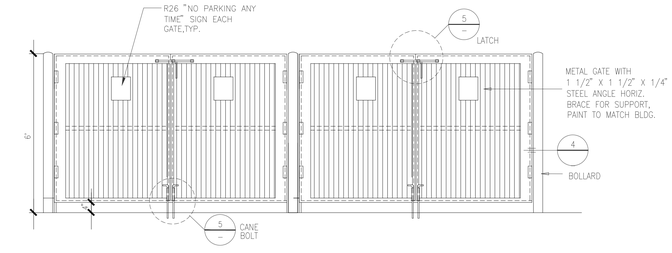
LATCH DETAIL



CANE BOLT DETAIL

TRASH ENCLOSURE GATE LATCHES 5

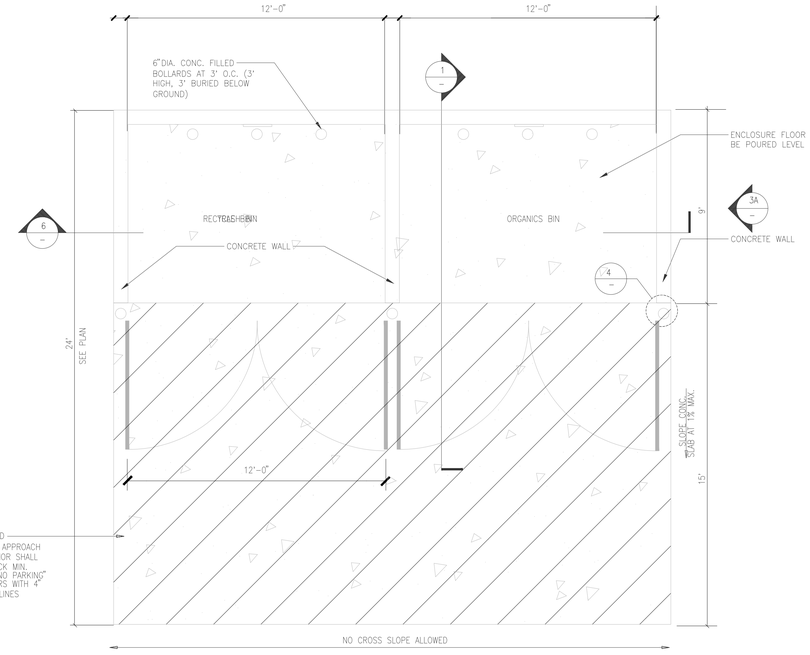
SCALE: NTS DEX-0003



NOTES:
1. PAINT METAL PER SPECIFICATIONS.
2. FOR ADDITIONAL INFORMATION, SEE DETAIL 2

TRASH ENCLOSURE GATE ELEVATION 3

SCALE: N.T.S. A10502B



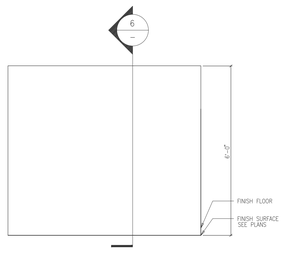
3

GENERAL NOTES:
1. SEE SITE PLAN FOR LOCATIONS.
2. SEE STRUCTURAL DRAWINGS FOR STEEL REINFORCING.
3. SACK AND PATCH ALL PANEL LIFT POINTS ON OF WALL AND PAINT TO MATCH.
4. SINGLE ENCLOSURE IS 12' WIDE (INTERIOR)
5. THE EXTERIOR FINISH AND COLOR OF THE ENCLOSURE SHALL MATCH THE BUILDING PER THE DESIGN REVIEW PERMIT EXHIBITS AND / OR CONDITIONS OF APPROVAL
6. GREASE/TALLOW BIN ENCLOSURE MAY BE ATTACHED TO THE TRASH ENCLOSURE OR BE CONSTRUCTED SEPARATELY. THE GREASE/TALLOW BIN MUST NOT BE LOCATED WITHIN THE TRASH/RECYCLING ENCLOSURE.
7. NO. 4 REBAR, 12 INCHES O.C. EACH WAY, 3 INCH DOBIES WITH WIRE TIES AT 3' INTERVALS, EACH WAY.
8. SEE SW-1 FOR CITY DETAILS

TRASH ENCLOSURE PLAN 2

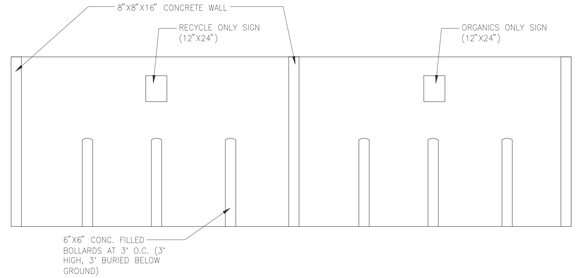
SCALE: NTS TEMP502A

NOTES:
1. ACCESSIBLE TRASH ENCLOSURE DOOR MUST MEET ALL APPLICABLE SPECIFICATIONS FOR DOORS AS PER 2019 CBC, SECTION 11B-206.4 & 11B-206.4.1
2. PROVIDE A 10" HIGH KICK PLATE AT THE BOTTOM OF THE DOOR, 2019 CBC, SECTION 11B-404.2.10
3. ACCESSIBLE TRASH ENCLOSURE DOOR TO HAVE A MAXIMUM DOOR OPENING OF 5LBS AND A SINGLE-EFFORT, NON-GRASPING TYPE HARDWARE CENTERED BETWEEN 34" AND 44" ABOVE THE CONCRETE DECK.
4. ACCESSIBLE TRASH ENCLOSURE DOOR TO HAVE A MINIMUM 24" STRIKE SIDE CLEARANCE AND MINIMUM 60" DEEP LEVEL LANDING AT THE PULL SIDE OF THE (EXTERIOR) DOOR TO COMPLY WITH 2019 CBC, SECTIONS 11B-404.2.4, 11B-404.2.4.1 & TABLE 11B-404.2.3



TRASH ENCLOSURE ELEVATION 3A

SCALE: NTS A10502B



TRASH ENCLOSURE SECTION 6

SCALE: N.T.S. A10502B

HPA architecture
HPA Inc.
18831 Bardeen Avenue, Ste.100
Irvine, CA 92612
Tel : 949-863-1770
E-Mail : hpa@hparchs.com

LICENSED ARCHITECT YOUNG NAM KIM C-29451 3-31-27 RENEWAL DATE STATE OF CALIFORNIA

Owner:

MARK IV CAPITAL
4450 MacArthur Blvd, 2nd floor
Newport Beach, CA 92660
Tel : 949-509-1444

Project:

1100 WINDING CREEK ROAD
1100 Winding Creek Rd
Roseville, CA 95678

Consultants:

CIVIL	KIMLEY HORN
STRUCTURAL	-
MECHANICAL	-
PLUMBING	-
ELECTRCIAL	
LANDSCAPE	YAMASAKI
FIRE	-
SOILS	-

TITLE	DETAILS
Project Number:	22345
Drawn By:	KZ
Date:	07/12/2024

Revision:
1st Planning Submittal 09/12/2024
2nd Planning Submittal 01/22/2025
3rd Planning Submittal 04/04/2025
4th Planning Submittal 05/27/2025

Sheet:
DAB-AD.1

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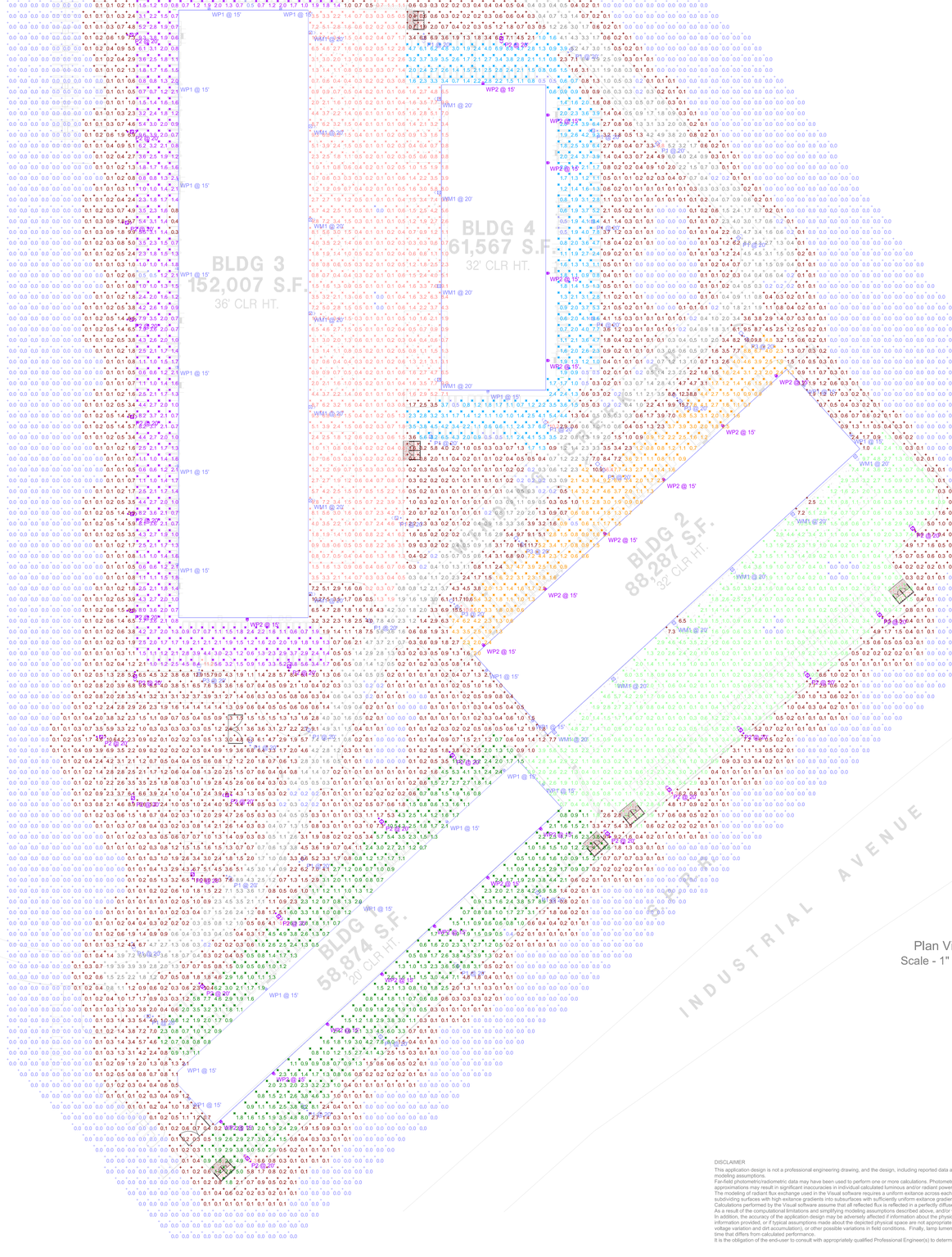

Plan View
Scale - 1" = 60ft

RSX2 LED
Area Luminaire

Catalog Number
Notes
Type

Specifications

EPA (ft²/ft²):	0.69 ft² (0.06 m²)
Length:	29.3" (74.4 cm) (SPA mount)
Width:	13.4" (34.0 cm)
Height:	3.0" (7.6 cm) Main Body 7.2" (18.3 cm) Arm
Weight: (SPA mount)	30.0 lbs (13.6 kg)

Introduction

The new RSX LED Area family delivers maximum value by providing significant energy savings, long life and outstanding photometric performance at an affordable price. The RSX2 delivers 11,000 to 31,000 lumens allowing it to replace 250W to 1000W HID luminaires.

The RSX features an integral universal mounting mechanism that allows the luminaire to be mounted on most existing drill hole patterns. This "no-drill" solution provides significant labor savings. An easy-access door on the bottom of mounting arm allows for wiring without opening the electrical compartment. A mast arm adaptor, adjustable integral slipfitter and other mounting configurations are available.

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering row for details.

Design Select options indicated by this color background.

Ordering Information

EXAMPLE: RSX2 LED P6 40K R3 MVOLT SPA DDBXD

RSX2 LED

Series	Performance Package	Color Temperature	Distribution	Voltage	Mounting
RSX2 LED	P1 Specify P2 P3 P4 P5 P6	30K 3000K 40K 4000K 50K 5000K	R2 Type 2 Wide R3 Type 3 Wide R3S Type 3 Short R4 Type 4 Wide R4S Type 4 Short R5 Type 5 Wide R5S Type 5 Short * AFR Automotive Front Row (Left Rotated) AFRRH Automotive Front Row (Right Rotated) AFRLHS Automotive Front Row (Left Rotated)	MVOLT (120V-277V) HVOLT (347V-480V)* XVOLT (277V-480V)*	SPA Square pole mounting (3.0" min. SQ pole for 1 at 90°, 3.5" min. SQ pole for 2, 3, 4 at 90°) RPA Round pole mounting (3.7" min. dia. RD pole for 2, 3 & 4 at 90°, 3.5" min. dia. RND pole for 1 at 90°, 3 at 120°, 4 at 90°) WBA Wall bracket WBASQ Wall bracket with surface conduit box AKSP Adjustable slip-on square pole mounting * AARP Adjustable slip-on round pole mounting * AARB Adjustable slip-on arm wall bracket * AARSC Adjustable slip-on arm bracket and surface conduit box *

*See specific wattage for options as noted)
120 277
208 347
240 480

Options		Finish
Shipped Installed	**Shipped Installed**	DDBXD Dark Bronze
HS House-side shield *	***Standalone and Networked Sensors/Controls (factory-default settings, see table page 1)**	DBLXD Black
PE Photocontrol, Button type *	NLTAIR2 PIRHN NLight AIR generation 2, with Networked, Bi-level motion sensor, 15'-30' mounting *	DNAXD Natural Aluminum
PER7 Seven-wire twist-lock receptacle only (no controls) *,**	BAA Buy American Act and/or Build America Buy America Qualified	DWHXD White
SF Single fuse (120, 277, 347) *	CCE Coastal Construction *	DBTXD Textured Dark Bronze
DF Double fuse (208, 240, 480) *	*Note: NLTAIR2 PIRHN with eight Air can be used as a standalone dimming sensor with out of box settings or as a wireless networked solution. See factory default settings table. Sensor coverage pattern is affected when luminaire is tilted.	DBLBSD Textured Black
SPD20KV 20kV surge pack (10kV standard)	**Shipped Separately (require same field assembly)**	DNATSD Textured Natural Aluminum
FAO Field adjustable output *	EGS External glare shield *	DWHTSD Textured White
DMG 0-10V dimming extend out back of housing for external control (control ordered separate)	EGFV External glare full visor (360° around light aperture) *	
DS Dual switching *	BS Bird spikes *	

LITHONIA LIGHTING COMMERCIAL OUTDOOR

One Lithonia Way • Conyers, Georgia 30012 • Phone: 1-800-705-SERV (7378) • www.acuitybrands.com
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Lithonia RSX2 Area LED
Rev. 04/17/24
Page 1 of 9

WDGE2 LED
Architectural Wall Sconce
Precision Refractive Optic

Catalog Number
Notes
Type

Specifications

Depth (D1):	7"
Depth (D2):	1.5"
Height:	9"
Width:	11.5"
Weight: (without options)	13.5 lbs

Introduction

The WDGE LED family is designed to meet specifier's every wall-mounted lighting need in a widely accepted shape that blends with any architecture. The clean rectilinear design comes in four sizes with lumen packages ranging from 1,200 to 25,000 lumens, providing a true site-wide solution. Embedded with nLight® AIR wireless controls, the WDGE family provides additional energy savings and code compliance.

WDGE2 with industry leading precision refractive optics provides great uniform distribution and optical control. When combined with multiple integrated emergency battery backup options, WDGE2 is the ideal, code compliant solution. The WDGE2 LED delivers the ideal wall-mounted lighting solution for pedestrian scale applications in any environment.

design select

Items marked by a shaded background qualify for the Design Select program and ship in 15 days or less. To learn more about Design Select, visit www.acuitybrands.com/designselect. *See ordering row for details.

WDGE LED Family Overview

Luminaire	Optics	Standard CRI, 4°C	Cold CRI, -20°C	Sensor	Approximate Lumens (4000K, 80CRI) P8	P7	P6	P5	P4	P3	P2
WDGE1 LED	Visual Comfort	4W		–	750	1,200	2,000	3,000	4,000	–	–
WDGE2 LED	Visual Comfort	10W	10W	Standalone / nLight	–	1,200	2,000	3,000	4,500	6,000	–
WDGE2 LED	Precision Refractive	10W	10W	Standalone / nLight	700	1,200	2,000	3,300	4,300	–	–
WDGE3 LED	Precision Refractive	15W	10W	Standalone / nLight	–	7,500	8,500	10,000	12,000	–	–
WDGE4 LED	Precision Refractive			Standalone / nLight	–	12,000	16,000	18,000	20,000	22,000	25,000

Ordering Information

EXAMPLE: WDGE2 LED P3 40K 80CRI T3M MVOLT SRM DDBXD

Series	Package	Color Temperature	CRI	Distribution	Voltage	Mounting
WDGE2 LED	P4* P3* P2* P1* P0*	27K 2700K 30K 3000K 40K 4000K 50K 5000K AMB* Amber	70CRI* 80CRI	T1S Type 1 Short T2M Type 2 Medium T3M Type 3 Medium T4M Type 4 Medium TFTM Forward Throw Medium	MVOLT 347* 480*	**Shipped included** SRM Surface mounting bracket ICW Indirect Canopy/Ceiling Wall bracket (ship separately)

Shipped separately
AWS 5 Pitch Architectural wall spacer
PBBW Surface-mounted back box (req. 4 per unit)

Options		Finish
E10WH Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, 7°C min.)	**Standalone Sensors/Controls**	DDBXD Dark bronze
E20WC Emergency battery backup, Certified in CA Title 20 MAEDBS (10W, -20°C min.)	PIR Bi-level (100/35%) motion sensor for 8-15' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DBLXD Black
PE Photocell, Button type*	PIRH Bi-level (100/35%) motion sensor for 15-30' mounting heights. Intended for use on switched circuits with external dusk to dawn switching.	DNAXD Natural aluminum
DMG 0-10V dimming wires pulled outside fixture (for use with an external control, ordered separately)*	PIR1FC3V Bi-level (100/35%) motion sensor for 8-15' mounting height with photocell pre-programmed for dusk to dawn operation	DWHXD White
BCE Bottom conduit entry for back box (TBBW). Total of 4 entry points.	PIRH1FC3V Bi-level (100/35%) motion sensor for 15-30' mounting height with photocell pre-programmed for dusk to dawn operation	DBTXD Textured Dark Bronze
CCE Coastal Construction*	**Networked Sensors/Controls**	DBLBSD Textured Black
	NLTAIR2 PIR Embedded wireless controls (to nLight web Passive Infrared (Pir) sensor and on/off photocell for 8-15' mounting heights.	DNATSD Textured Natural Aluminum
	NLTAIR2 PIRH Embedded wireless controls (to nLight web with Passive Infrared (Pir) sensor and on/off photocell for 15-30' mounting heights.	DWHTSD Textured White
	NLTAIRHN2 PIR Embedded wireless controls (to nLight web (ULTCH) listed emergency operation, Passive Infrared (Pir) sensor and on/off photocell for 8-15' mounting heights.	
	NLTAIRHN2 PIRH Embedded wireless controls (to nLight web (ULTCH) listed emergency operation, Passive Infrared (Pir) sensor and on/off photocell for 15-30' mounting heights.	

*see page 4 for rest of due functionality

LITHONIA LIGHTING COMMERCIAL OUTDOOR

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WDGE2 LED
Rev. 07/08/24

Statistics

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
BLDG 1 PARKING	+	2.3 fc	11.3 fc	0.4 fc	28.3:1	5.8:1
BLDG 2 PARKING	+	2.5 fc	10.8 fc	0.5 fc	21.6:1	5.0:1
BLDG 3 PARKING	+	2.2 fc	11.2 fc	0.5 fc	22.4:1	4.4:1
BLDG 4 PARKING	+	2.5 fc	10.2 fc	0.5 fc	20.4:1	5.0:1
DOCK 1	+	1.8 fc	10.2 fc	0.0 fc	N/A	N/A
DOCK 2	+	1.7 fc	11.3 fc	0.0 fc	N/A	N/A
ENTIRE CALCULATIONS	+	1.1 fc	16.4 fc	0.0 fc	N/A	N/A
WINDING CREEK WAY	+	1.6 fc	9.8 fc	0.2 fc	49.0:1	8.0:1

* ALL LIGHTING, INTERIOR & EXTERIOR, AND CONTROLS TO BE COORDINATED THROUGH LIGHTING CONSULTANT, BUILDING STANDARD - NO ALTERNATES.
CES/CNS PRIMARY CONTACT: NANCY RAMDON-CONNOLLY, PHONE: (415)307-8579, EMAIL: nancy.ramdonconnolly@cityelectricsupply.com

Schedule

Symbol	Label	QTY	Catalog Number	Description	Number Lamps	Filename	Lumens per Lamp	LLF	Wattage	Distribution
	P1	24	RSX2 LED P4 50K R3	RSX Area Fixture Size 2 P4 Lumen Package 5000K CCT Type R3 Distribution	1	RSX2_LED_P4_50K_R3.ies	25000	0.9	189.54	TYPE III, SHORT, BUG RATING: B3 - U0 - G4
	P2	25	RSX2 LED P4 50K R4	RSX Area Fixture Size 2 P4 Lumen Package 5000K CCT Type R4 Distribution	1	RSX2_LED_P4_50K_R4.ies	25328	0.9	189.54	TYPE IV, SHORT, BUG RATING: B3 - U0 - G4
	P3	6	[...]	[...]	1	[...]	[...]	0.9	379.08	[...]
			RSX2 LED P4 50K R4	RSX Area Fixture Size 2 P4 Lumen Package 5000K CCT Type R4 Distribution	1	RSX2_LED_P4_50K_R4.ies	25328	0.9	189.54	TYPE IV, SHORT, BUG RATING: B3 - U0 - G4
			RSX2 LED P4 50K R3	RSX Area Fixture Size 2 P4 Lumen Package 5000K CCT Type R3 Distribution	1	RSX2_LED_P4_50K_R3.ies	25000	0.9	189.54	TYPE III, SHORT, BUG RATING: B3 - U0 - G4
	P4	2	RSX2 LED P4 50K R3	RSX Area Fixture Size 2 P4 Lumen Package 5000K CCT Type R3 Distribution	1	RSX2_LED_P4_50K_R3.ies	25000	0.9	379.08	TYPE III, SHORT, BUG RATING: B3 - U0 - G4
	WM1	17	RSX2 LED P4 50K R4	RSX Area Fixture Size 2 P4 Lumen Package 5000K CCT Type R4 Distribution	1	RSX2_LED_P4_50K_R4.ies	25328	0.9	189.54	TYPE IV, SHORT, BUG RATING: B3 - U0 - G4
	WP1	20	WDGE2 LED P4 50K 70CRI T4M	WDGE2 LED WITH P4 - PERFORMANCE PACKAGE, 5000K, 70CRI, TYPE 4 MEDIUM OPTIC	1	WDGE2_LED_P4_50K_70CRI_T4M.ies	4774	0.9	46.6589	TYPE IV, MEDIUM, BUG RATING: B1 - U0 - G2
	WP2	19	WDGE2 LED P4 50K 70CRI T3M	WDGE2 LED WITH P4 - PERFORMANCE PACKAGE, 5000K, 70CRI, TYPE 3 MEDIUM OPTIC	1	WDGE2_LED_P4_50K_70CRI_T3M.ies	4878	0.9	46.6589	TYPE III, MEDIUM, BUG RATING: B1 - U0 - G2

Luminaire Locations

No.	Label	Location X	Location Y	Location Z	Mounting Height	Orientation	Tilt	Aim X	Aim Y	Aim Z
1	P2	-64.61	-11.06	20.00	20.00	90.00	0.00	-63.62	-11.06	0.00
2	P2	-64.00	123.61	20.00	20.00	90.00	0.00	-62.81	123.61	0.00
3	P2	-63.60	258.59	20.00	20.00	90.00	0.00	-62.60	258.59	0.00
4	P2	-64.75	393.50	20.00	20.00	90.00	0.00	-63.95	393.50	0.00
5	P2	-71.13	528.29	20.00	20.00	90.00	0.00	-69.94	528.29	0.00
6	P2	-64.22	654.47	20.00	20.00	90.00	0.00	-63.03	654.47	0.00
7	P2	-64.76	789.16	20.00	20.00	90.00	0.00	-63.57	789.16	0.00
8	P1	-70.34	904.00	20.00	20.00	0.00	0.00	-70.34	905.20	0.00
9	P4	34.69	900.06	20.00	20.00	0.00	0.00			
10	WP1	6.18	53.35	15.00	15.00	270.00	0.00	5.98	53.35	0.00
11	WP1	6.18	190.30	15.00	15.00	270.00	0.00	5.98	190.30	0.00
12	WP1	6.18	327.45	15.00	15.00	270.00	0.00	5.98	327.45	0.00
13	WP1	6.18	464.40	15.00	15.00	270.00	0.00	5.98	464.40	0.00
14	WP1	6.18	599.08	15.00	15.00	270.00	0.00	5.98	599.08	0.00
15	WP1	6.18	721.36	15.00	15.00	270.00	0.00	5.98	721.36	0.00
16	P4	195.45	902.90	20.00	20.00	0.00	0.00			
17	WP1	48.84	824.05	15.00	15.00	0.00	0.00	48.86	824.25	0.00
18	WP1	148.05	824.04	15.00	15.00	0.00	0.00	148.05	824.25	0.00
19	P3	731.89	370.33	20.00	20.00	315.95	0.00			
20	P3	395.25	-1.38	20.00	20.00	315.95	0.00			
21	P3	479.40	85.61	20.00	20.00	315.95	0.00			
22	P3	592.62	186.77	20.00	20.00	315.95	0.00			
23	P3	698.84	284.50	20.00	20.00	315.95	0.00			
24	P1	329.86	882.43	20.00	20.00	286.78	0.00	329.71	882.77	0.00
25	P1	419.53	872.84	20.00	20.00	33.07	0.00	420.18	873.94	0.00
26	P1	547.94	760.81	20.00	20.00	47.16	0.00	548.42	760.83	0.00
27	P1	667.23	634.00	20.00	20.00	47.16	0.00	668.11	634.90	0.00
28	P1	779.79	503.01	20.00	20.00	47.16	0.00	780.66	503.82	0.00
29	P3	588.17	656.07	20.00	20.00	270.00	0.00	596.98	656.07	0.00
30	P1	588.17	529.89	20.00	20.00	270.00	0.00	596.98	529.89	0.00
31	P1	588.17	394.44	20.00	20.00	270.00	0.00	596.98	395.17	0.00
32	P1	520.25	246.47	20.00	20.00	316.87	0.00	519.43	247.34	0.00
33	P1	396.68	224.87	20.00	20.00	0.00	0.00	396.68	226.07	0.00
34	P1	174.19	-359.66	20.00	20.00	46.80	0.00	175.07	-358.86	0.00
35	P1	-37.67	-590.43	20.00	20.00	270.00	0.00	-38.87	-590.43	0.00
36	WM1	187.50	12.15	20.00	20.00	90.00	0.00	187.95	12.15	0.00
37	WM1	187.50	142.15	20.00	20.00	90.00	0.00	187.95	142.15	0.00
38	WM1	187.50	272.15	20.00	20.00	90.00	0.00	187.95	272.15	0.00
39	WM1	187.50	402.15	20.00	20.00	90.00	0.00	187.95	402.15	0.00
40	WM1	187.50	532.15	20.00	20.00	90.00	0.00	187.95	532.15	0.00
41	WM1	187.50	662.15	20.00	20.00	90.00	0.00	187.95	662.15	0.00
42	WM1	187.50	792.15	20.00	20.00	90.00	0.00	187.95	792.15	0.00
43	WM1	370.50	910.15	20.00	20.00	270.00	0.00	370.05	910.15	0.00
44	WM1	370.50	440.15	20.00	20.00	270.00	0.00	370.05	440.15	0.00
45	WM1	370.50	570.15	20.00	20.00	270.00	0.00	370.05	570.15	0.00
46	WM1	370.50	700.15	20.00	20.00	270.00	0.00	370.05	700.15	0.00
47	P1	346.02	790.44	20.00	20.00	180.00	0.00	346.02	789.24	0.00
48	P1	-58.00	-472.00	20.00	20.00	161.57	0.00	-57.62	-473.13	0.00
49	P1	73.00	-379.00	20.00	20.00	124.29	0.00	73.99	-379.67	0.00
50	P1	182.00	-173.00	20.00	20.00	123.69	0.00	182.99	-173.66	0.00
51	P1	267.00	-23.00	20.00	20.00	119.41	0.00	268.04	-22.59	0.00
52	P1	316.00	118.00	20.00	20.00	270.00	0.00	313.81	118.00	0.00
53	WP1	435.00	-93.00	15.00	15.00	227.86	0.00	434.85	-93.14	0.00
54	WP1	499.00	-153.00	15.00	15.00	227.86	0.00	498.85	-153.14	0.00
55	WP1	22.00	-668.00	15.00	15.00	227.86	0.00	21.85	-668.14	0.00
56	P2	692.00	-264.00	20.00	20.00	318.01	0.00	691.20	-263.11	0.00
57	WM1	527.00	-178.00	20.00	20.00	139.66	0.00	527.29	-178.34	0.00
58	WM1	609.00	-104.00	20.00	20.00	139.66	0.00	609.29	-104.34	0.00
59	WM1	693.00	-26.00	20.00	20.00	139.66	0.00	693.29	-26.34	0.00
60	WM1	858.00	125.00	20.00	20.00	139.66	0.00	858.29	-124.66	0.00
61	WM1	945.00	205.00	20.00	20.00	139.66	0.00	945.29	204.66	0.00
62	WP1	512.00	-253.00	15.00	15.00	47.05	0.00	512.15	-252.86	0.00
63	P2	791.00	-187.00	20.00	20.00	318.01	0.00	790.20	-187.11	0.00
64	P2	884.00	-105.00	20.00	20.00	318.01	0.00	883.20	-104.11	0.00
65	P2	984.00	-21.00	20.00	20.00	318.01	0.00	983.20	-20.11	0.00
66	P1	165.00	-759.00	20.00	20.00	318.01	0.00	164.20	-758.11	0.00
67	P1	291.00	-657.00	20.00	20.00	318.01	0.00	290.20	-656.11	0.00
68	P1	398.00	-569.00	20.00	20.00	318.01	0.00	397.20	-568.11	0.00
69	P1	509.00	-407.00	20.00	20.00	318.01	0.00	508.20	-406.11	0.00
70	WP1	874.40	301.33	15.00	15.00	46.54	0.00	874.55	301.47	0.00
71	WP1	939.24	232.14	15.00	15.00	46.54	0.00	939.42	232.28	0.00
72	P2	1030.00	99.00	20.00	20.00	318.01	0.00	1029.20	99.89	0.00
73	WM1	774.00	48.00	20.00	20.00	139.66	0.00	774.29	47.66	0.00
74	P2	106.00	-776.00	20.00	20.00	318.01	0.00	105.20	-775.11	0.00
75	P2	606.00	-529.00	20.00	20.00	318.01	0.00	605.20	-528.11	0.00
76	P3	35.00	-93.00	20.00	20.00	0.00	0.00			
77	P2	-54.00	-96.00	20.00	20.00	180.00	0.00	-54.00	-97.20	0.00
78	P2	-57.00	-277.00	20.00	20.00	0.00	0.00	-57.00	-275.81	0.00
79	P2	26.00	-383.00	20.00	20.00	0.00	0.00	26.00	-381.81	0.00
80	P2	80.00	-267.00	20.00	20.00	270.00	0.00	78.81	-267.00	0.00
81	P1	106.00	-198.00	20.00	20.00	0.00	0.00	106.00	-196.81	0.00
82	P2	-107.00	-186.00	20.00	20.00	90.00	0.00	-105.81	-186.00	0.00
83	WP2	64.35	-718.70	15.00	15.00	133.96	0.00	64.49	-719.84	0.00
84	WP2	212.67	-594.20	15.00	15.00	133.96	0.00	212.47	-594.34	0.00
85	WP2	297.99	-514.71	15.00	15.00	133.96	0.00	298.13	-514.85	0.00
86	WP2	434.98	-380.62	15.00	15.00	133.96	0.00	435.13	-380.76	0.00
87	WP2	505.58	-312.58	15.00	15.00	133.96	0.00	505.73	-312.73	0.00
88	WP2	431.05	-59.77	15.00	15.00	316.87	0.00	430.91	-59.62	0.00
89	WP2	516.51	18.36	15.00	15.00	316.87	0.00	516.37	18.51	0.00
90	WP2	763.21	244.94	15.00	15.00	316.87	0.00	763.07	245.09	0.00
91	WP2	101.98	-21.37	15.00	15.00	180.00	0.00	101.98	-21.67	0.00
92	P2	160.00	-94.00	20.00	20.00	0.00	0.00	160.00	-92.81	0.00
93	P2	141.36	-431.16	20.00	20.00	135.36	0.00	142.20	-432.01	0.00
94	P2	35.34	-528.39	20.00	20.00	135.36	0.00	36.18	-529.24	0.00
95	P2	392.84	-207.08	20.00	20.00	137.96	0.00	393.67	-207.92	0.00
96	P2	284.49	-299.31	20.00	20.00	137.96	0.00	285.29	-300.20	0.00
97	WP1	128.85	-437.17	15.00	15.00	317.58	0.00	128.71	-437.01	0.00
98	WP1	299.45	-417.06	15.00	15.00	316.87	0.00	299.42	-416.91	0.00
99	WP1	380.22	-305.01	15.00	15.00	316.12	0.00	380.08	-304.86	0.00
100	WP1	15.04	-441.73	15.00	15.00	317.58	0.00	14.90	-441.57	0.00
101	WP1	459.45	-233.63	15.00	15.00	316.12	0.00	459.30	-233.28	0.00
102	WP2	137.38	-652.64	15.00	15.00	133.96	0.00	137.53	-652.79	0.00
103	WP2	360.00	-448.00	15.00	15.00	133.96	0.00	361.05	-448.14	0.00
104	WP2	429.26	720.07	15.00	15.00	0.00	0.00	429.26	720.28	0.00
105	WP2	517.74	611.42	15.00	15.00	90.00	0.00	517.95	611.42	0.00
106	WP2	517.74	458.07	15.00	15.00	90.00	0.00	517.95	458.07	0.00
107	WP2	517.74	336.68	15.00	15.00	90.00	0.00	517.95	336.68	0.00
108	WP2	517.74	677.70	15.00	15.00	90.00	0.00	517.95	677.70	0.00
109	WP1	436.07	284.95	15.00	15.00	180.00	0.00	436.07	284.75	0.00
110	P2	454.80	790.14	20.00	20.00	180.00	0.00	454.60	788.94	0.00
111	WP2	599.61	95.18	15.00	15.00	316.87	0.00	599.46	95.33	0.00
112	WP2	681.21	170.21	15.00	15.00	316.87	0.00	681.07	170.36	0.00
113	WP2	837.54	314.29	15.00	15.00	316.87	0.00	837.40	314.44	0.00

NOTE
1. Readings shown are based on a total LLF of 0.9 as shown at grade. Data references the extrapolated performance projections in a 25c ambient based on 10,000 hrs of LED testing (per IESNA LM-80-08 and projected per IESNA TM-21-11).
2. Please refer to the fixture labels for product type and mounting height.
3. Product information can be obtained at https://www.acuitybrands.com/ or through your local agency.

DISCLAIMER
This application design is not a professional engineering drawing, and the design, including reported data and calculated results, is provided for informational purposes only, without any warranty as to accuracy, completeness, safety or otherwise. The design is the result of calculations made using Visuals lighting application software, photometric/radiometric data measured in a laboratory, and certain computational and modeling assumptions.
Fair-field photometric/radiometric data may have been used to perform one or more calculations. Photometric/radiometric data is typically collected under fair-field measurement conditions. When using fair-field photometric/ radiometric data, the Visual software applies certain generalizing assumptions to approximate near-field performance. These approximations may result in significant inaccuracies in individual calculated luminous and/or radiant power quantities in areas where a source is in close proximity to a particular surface or point.
The modeling of radiant flux exchange used in the Visual software requires a uniform extance across each reflecting surface. The Visual software approximates the uniform surface extance condition by adaptively subdividing surfaces with non-uniform extances into subsurfaces with sufficiently uniform extance gradients. Practical restrictions, due to computer hardware limitations, may prevent the subdivision procedure from subdividing surfaces with high extance gradients into subsurfaces with sufficiently uniform extance gradients, introducing potential discretization error into calculated values.
Calculations performed by the Visual software assume that all reflected flux is reflected in a perfectly diffuse (Lambertian) and spectrally uniform manner across the spectral range being analyzed. If actual reflective characteristics differ from these assumptions, observed luminous and/or radiant power quantities may differ from predicted quantities.
As a result of the computational limitations and simplifying modeling assumptions described above, and/or variations in actual product performance from tested product samples, the accuracy of calculated output values identifying expected radiometric quantities and any resulting derived radiation dose calculations may be adversely affected.
In addition, the accuracy of the application design may be adversely affected if information about the physical space provided to Acuity Brands Lighting is incomplete, inaccurate, outdated or not in the required format (including but not limited to floor plans, space layout, reflected ceiling plans, physical structures, electrical design or specifications), if incorrect assumptions are made because of such deficiencies in the information provided, or if typical assumptions made about the depicted physical space are not appropriate for the space. Furthermore, actual field performance may differ from performance calculated using laboratory measurements as the result of miscalculations related to deficiencies in the information provided about the physical space, degradation factors in the end-user environment (including, but not limited to, voltage variation at the light fixture), or other possible variations in field conditions. Finally, lamp lumen depreciation or lamp color shift may result in performance over time that differs from performance calculated using a new lamp. Light loss factors may have been used in the application design to estimate such depreciation, but flaws in these estimates may also result in performance over time that differs from calculated performance.
It is the obligation of the end-user to consult with appropriately qualified Professional Engineer(s) to determine whether this application design meets the applicable requirements for performance, code compliance, safety, suitability and effectiveness for use in a particular application. In no event will Acuity Brands Lighting be responsible for any loss resulting from any use of this application design.

HPA architecture
HPA Inc.
18831 Bardeen Avenue, Ste.100
Irvine, CA 92612
Tel : 949-863-1770
E-Mail : hpa@hparchs.com

Owner:
MARK IV CAPITAL
4450 MacArthur Blvd, 2nd floor
Newport Beach, CA 92660
Tel : 949-509-1444

Project:
1100 WINDING CREEK ROAD
1100 Winding Creek Rd
Roseville, CA 95678

Consultants:
CIVIL KIMLEY HORN
STRUCTURAL -
MECHANICAL -
PLUMBING -
ELECTRCIAL -
LANDSCAPE YAMASAKI
FIRE -
SOILS -

TITLE
SITE PHOTOMETRIC PLAN

Project Number: 22345
Drawn By: KZ
Date: 07/12/2024

Revision:
1st Planning Submittal 09/12/2024
2nd Planning Submittal 01/22/2025
3rd Planning Submittal 04/04/2025
4th Planning Submittal 05/27/2025

Sheet:
E1.1

CAUTION: IF THIS SHEET IS NOT 30"X42" IT IS A REDUCED PRINT

PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL / COMMON NAME
TREES		
		Acer rubrum 'October Glory' / October Glory Red Maple
		Cedrus deodara / Deodar Cedar
		Cercis canadensis `Forest Pansy` / Forest Pansy Eastern Redbud
		Lagerstroemia indica x fauriei 'Natchez' / Natchez Crape Myrtle
		Magnolia stellata rubra / Red Star Magnolia
		Pistacia x `Red Push` / Red Push Pistache
		Platanus x acerifolia 'Columbia' / Columbia London Plane Tree
		Prunus cerasifera `Purple Pony` / Dwarf Flowering Plum
		Quercus shumardii / Shumard Oak
		Quercus wislizeni / Interior Live Oak
		Rhaphiolepis x 'Montic' / Majestic Beauty® Indian Hawthorn
		Ulmus parvifolia `True Green` / Chinese Evergreen Elm
		Zelkova serrata 'Village Green' / Village Green Sawleaf Zelkova

SEE SHEET L1.7 FOR COMPLETE PLANT SCHEDULE

NORTH

0' 160' 80' 320'

YAMASAKI
LANDSCAPE ARCHITECTURE

1223 HIGH STREET
AUBURN, CALIFORNIA 95603
530.885.0040
www.yamasaki-la.com

LANDSCAPE DEVELOPMENT PLANS

FOOTHILLS BLVD. &
WINDING CREEK ROAD

WINDING CREEK ROAD
ROSEVILLE, CA

Client/Subconsultant

Project Mgr: TVZ

Drawn By: JMA

Scale: 1"=80'

Date: 8/30/24

File Name: FWC PL

No.	Date	Revision
1	1/22/25	DR COMMENTS
2	4/3/25	DR RESUBMITTAL
3	5/27/25	DR RESUBMITTAL

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Seal

LICENSED LANDSCAPE ARCHITECT
THERESA V. ZARO 3124
Renewal Date
8/26
Signature Date
5/27/25
STATE OF CALIFORNIA

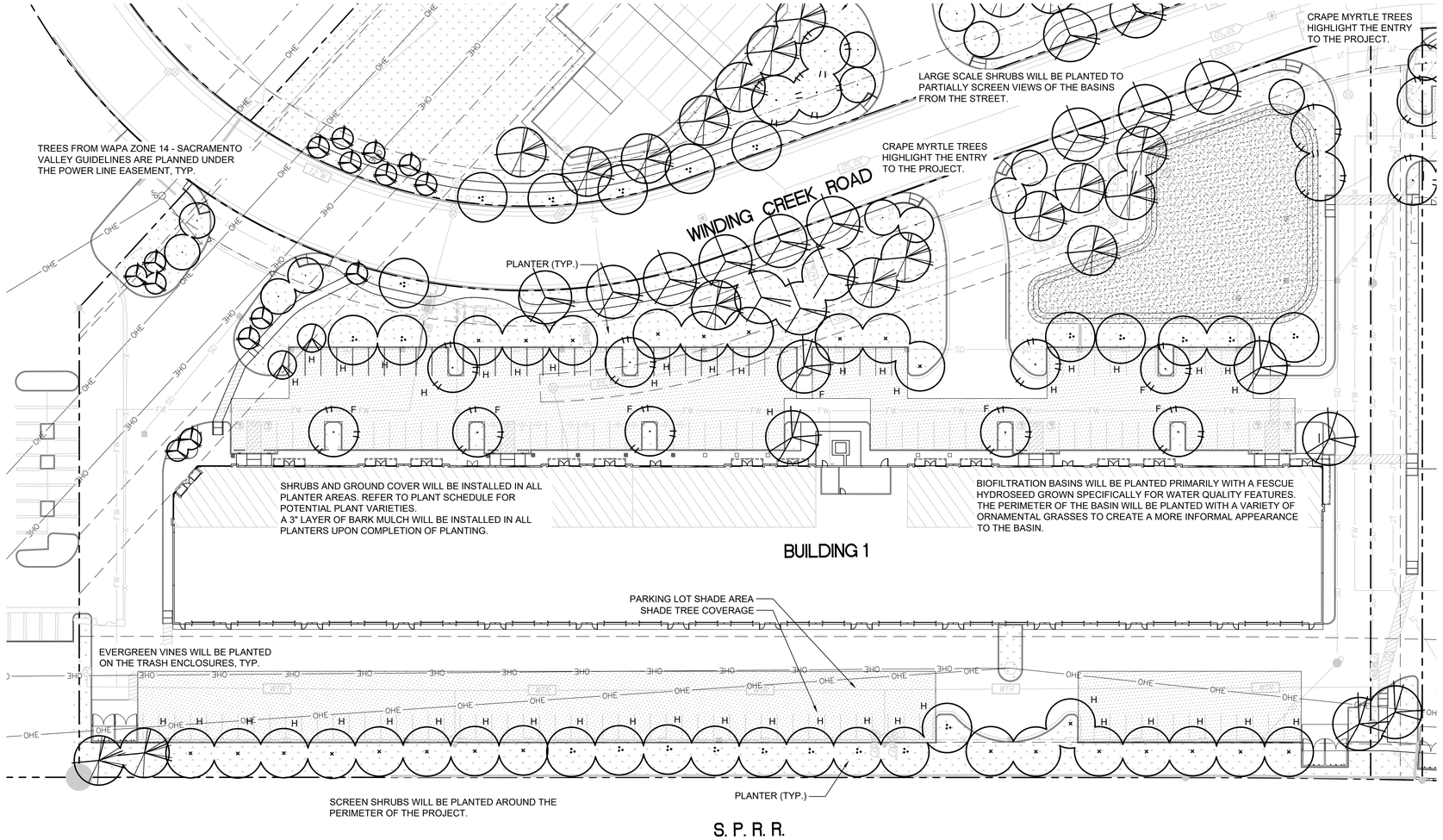
Sheet Title

OVERALL
PLANTING PLAN

Sheet No

L1.1

S:\Projects\Foothills Blvd Winding Creek\SWPP\s1DUfVC.lPlmgXLl1%27 May 2025 3:23 PM by Theresa Zaro



PLANT SCHEDULE: BUILDING 1

SYMBOL	QTY	BOTANICAL / COMMON NAME
TREES		
	12	Acer rubrum 'October Glory' / October Glory Red Maple
	10	Cedrus deodara / Deodar Cedar
	9	Lagerstroemia indica x fauriei 'Natchez' / Natchez Crape Myrtle
	2	Magnolia stellata rubra / Red Star Magnolia
	11	Pistacia x `Red Push` / Red Push Pistache
	17	Platanus x acerifolia 'Columbia' / Columbia London Plane Tree
	8	Prunus cerasifera `Purple Pony` / Dwarf Flowering Plum
	6	Ulmus parvifolia `True Green` / Chinese Evergreen Elm
	25	Zelkova serrata 'Village Green' / Village Green Sawleaf Zelkova

SYMBOL	QTY	BOTANICAL / COMMON NAME
BIOSWALE		
	13,507 sf	Biofiltration Hydroseed / Drought Tolerant Fescue Blend

SEE SHEET L1.7 FOR COMPLETE PLANT SCHEDULE

NORTH

0' 60' 30' 120'

YAMASAKI
LANDSCAPE ARCHITECTURE
1223 HIGH STREET
AUBURN, CALIFORNIA 95603
530.885.0040
www.yamasaki-la.com

LANDSCAPE DEVELOPMENT PLANS

FOOTHILLS BLVD. & WINDING CREEK ROAD

WINDING CREEK ROAD
ROSEVILLE, CA

Client/Subconsultant

Project Mgr: TVZ
Drawn By: JMA
Scale: 1"=30'
Date: 8/30/24
File Name: FWC LP

No.	Date	Revision
1	1/22/25	DR COMMENTS
2	4/3/25	DR RESUBMITTAL
3	5/27/25	DR RESUBMITTAL

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Seal

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THERESA V. ZARO 5174
Signature 8/26
Renewal Date 5/27/25
Date
STATE OF CALIFORNIA

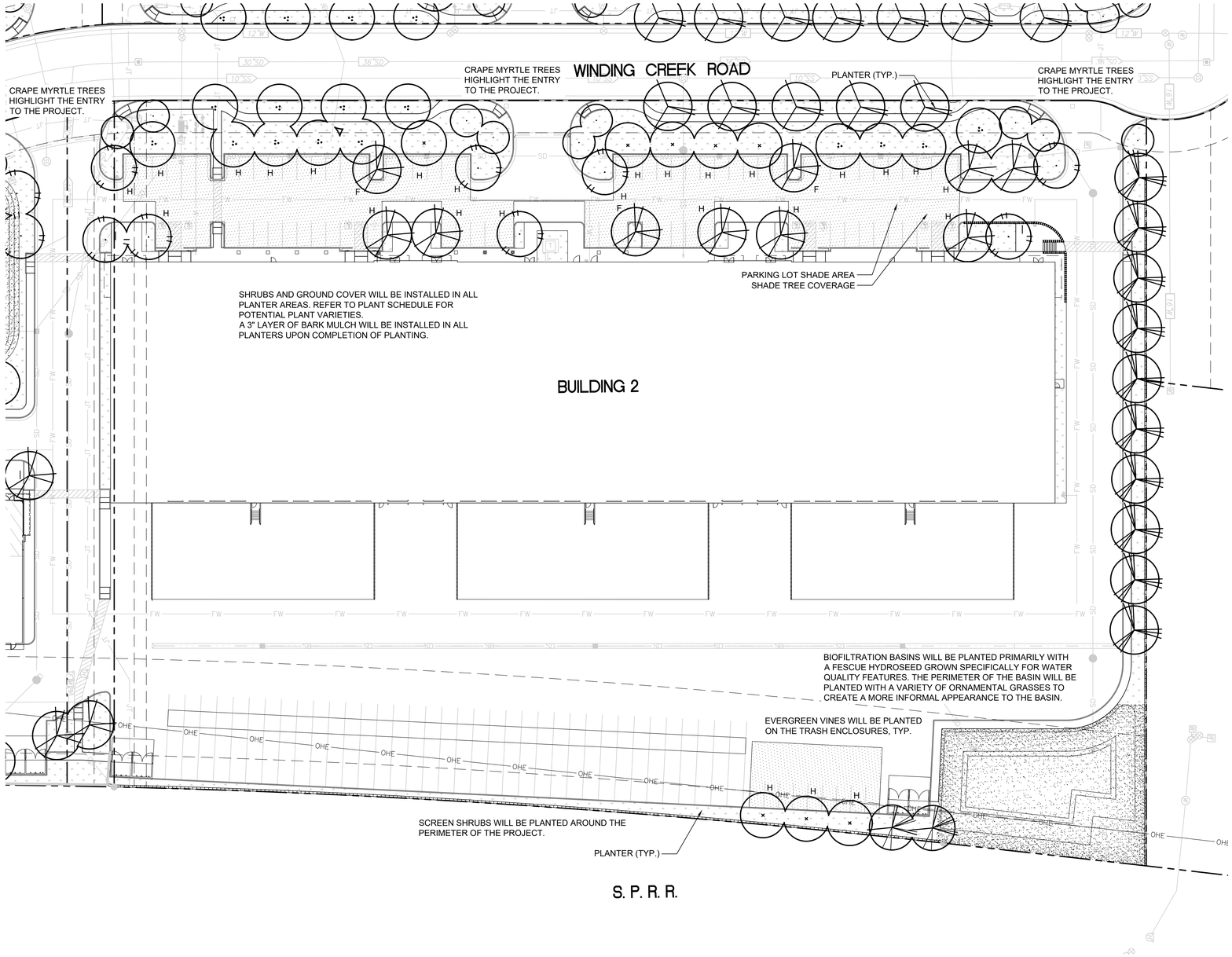
Sheet Title

BUILDING 1
PLANTING PLAN

Sheet No

L1.2

S:\Projects\Foothills Blvd Winding Creek\2025\2025\Civil Drawings\27 May 2025 3:50 PM by Theresa Zaro



PLANT SCHEDULE: BUILDING 2

SYMBOL	QTY	BOTANICAL / COMMON NAME
TREES		
	5	Acer rubrum 'October Glory' / October Glory Red Maple
	2	Cedrus deodara / Deodar Cedar
	9	Lagerstroemia indica x fauriei 'Natchez' / Natchez Crape Myrtle
	8	Pistacia x `Red Push` / Red Push Pistache
	13	Platanus x acerifolia 'Columbia' / Columbia London Plane Tree
	10	Quercus shumardii / Shumard Oak
	10	Ulmus parvifolia `True Green` / Chinese Evergreen Elm
	8	Zelkova serrata 'Village Green' / Village Green Sawleaf Zelkova
BIOSWALE		
	10,394 sf	Biofiltration Hydroseed / Drought Tolerant Fescue Blend

SEE SHEET L1.7 FOR COMPLETE PLANT SCHEDULE

NORTH

0' 60' 30' 120'

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AUBURN, CALIFORNIA 95603
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LANDSCAPE DEVELOPMENT PLANS

FOOTHILLS BLVD. &
WINDING CREEK ROAD

WINDING CREEK ROAD
ROSEVILLE, CA

Client/Subconsultant

Project Mgr: TVZ

Drawn By: JMA

Scale: 1"=30'

Date: 8/30/24

File Name: FWC PL

No.	Date	Revision
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THERESA V. ZARO 5124
Renewal Date
8/26
Signature Date
5/27/25
STATE OF CALIFORNIA

Sheet Title

BUILDING 2
PLANTING PLAN

Sheet No

L1.3

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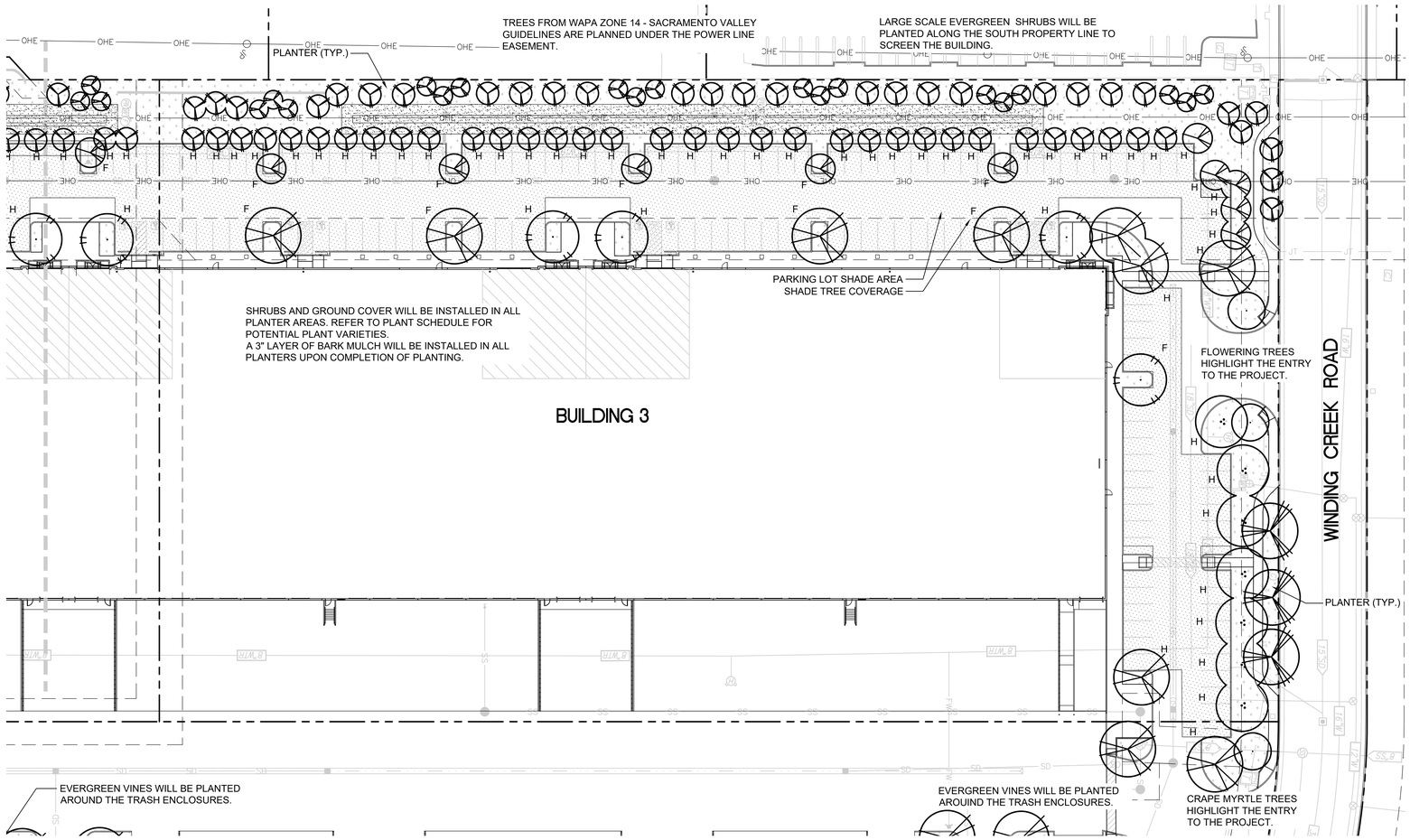

PLANT SCHEDULE: BUILDING 3

SYMBOL	QTY	BOTANICAL / COMMON NAME
TREES		
	3	Acer rubrum 'October Glory' / October Glory Red Maple
	15	Cedrus deodara / Deodar Cedar
	9	Lagerstroemia indica x fauriei 'Natchez' / Natchez Crape Myrtle
	22	Magnolia stellata rubra / Red Star Magnolia
	15	Pistacia x `Red Push` / Red Push Pistache
	17	Platanus x acerifolia 'Columbia' / Columbia London Plane Tree
	104	Prunus cerasifera `Purple Pony` / Dwarf Flowering Plum
	3	Quercus shumardii / Shumard Oak
	33	Rhaphiolepis x 'Montic' / Majestic Beauty® Indian Hawthorn
	14	Ulmus parvifolia `True Green` / Chinese Evergreen Elm
BIOSWALE		
	11,771 sf	Biofiltration Hydroseed / Drought Tolerant Fescue Blend

SEE SHEET L1.7 FOR COMPLETE PLANT SCHEDULE

NORTH

0' 60' 30' 120'

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LANDSCAPE DEVELOPMENT PLANS

FOOTHILLS BLVD. &
WINDING CREEK ROAD

WINDING CREEK ROAD
ROSEVILLE, CA

Client/Subconsultant

Project Mgr: TVZ
Drawn By: JMA
Scale: 1"=30'
Date: 8/30/24
File Name: FWC PL

No.	Date	Revision
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3	5/27/25	DR RESUBMITTAL

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THERESA V. ZARO 5724
8/26
RENEWAL DATE
5/31/25
EXPIRATION DATE
STATE OF CALIFORNIA

Sheet Title

BUILDING 3 NORTH PLANTING PLAN

Sheet No

L1.4

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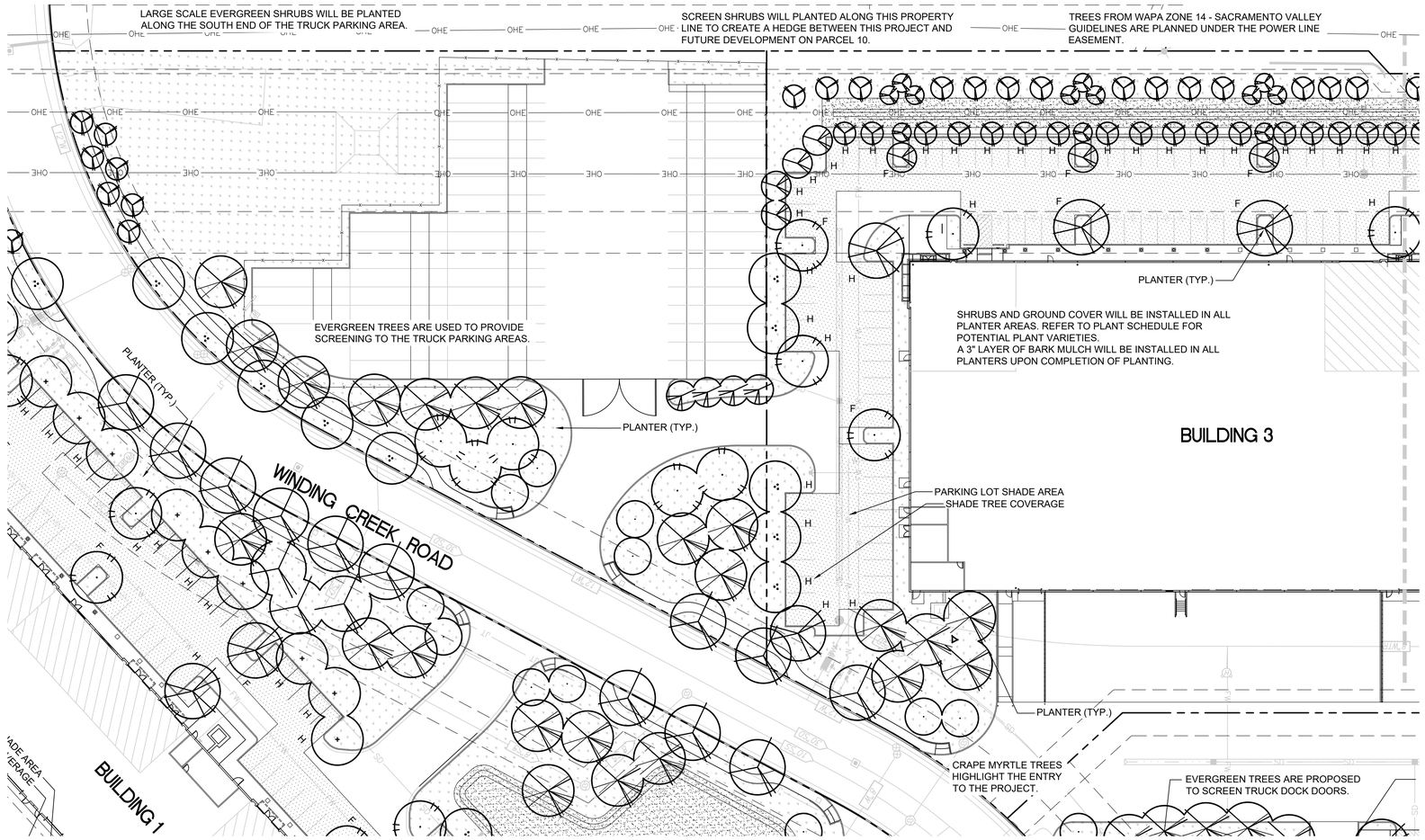

PLANT SCHEDULE: BUILDING 3

SYMBOL	QTY	BOTANICAL / COMMON NAME
TREES		
	3	Acer rubrum 'October Glory' / October Glory Red Maple
	15	Cedrus deodara / Deodar Cedar
	9	Lagerstroemia indica x fauriei 'Natchez' / Natchez Crape Myrtle
	22	Magnolia stellata rubra / Red Star Magnolia
	15	Pistacia x `Red Push` / Red Push Pistache
	17	Platanus x acerifolia 'Columbia' / Columbia London Plane Tree
	104	Prunus cerasifera `Purple Pony` / Dwarf Flowering Plum
	3	Quercus shumardii / Shumard Oak
	33	Rhaphiolepis x 'Montic' / Majestic Beauty® Indian Hawthorn
	14	Ulmus parvifolia `True Green` / Chinese Evergreen Elm
BIOSWALE		
	11,771 sf	Biofiltration Hydroseed / Drought Tolerant Fescue Blend

SEE SHEET L1.7 FOR COMPLETE PLANT SCHEDULE

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LANDSCAPE DEVELOPMENT PLANS

FOOTHILLS BLVD. &
WINDING CREEK ROAD

WINDING CREEK ROAD
ROSEVILLE, CA

Client/Subconsultant

Project Mgr: TVZ

Drawn By: JMA

Scale: 1"=30'

Date: 8/30/24

File Name: FWC PL

No.	Date	Revision
1	1/22/25	DR COMMENTS
2	4/3/25	DR RESUBMITTAL
3	5/27/25	DR RESUBMITTAL

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Seal

Sheet Title

BUILDING 3 SOUTH PLANTING PLAN

Sheet No

L1.5

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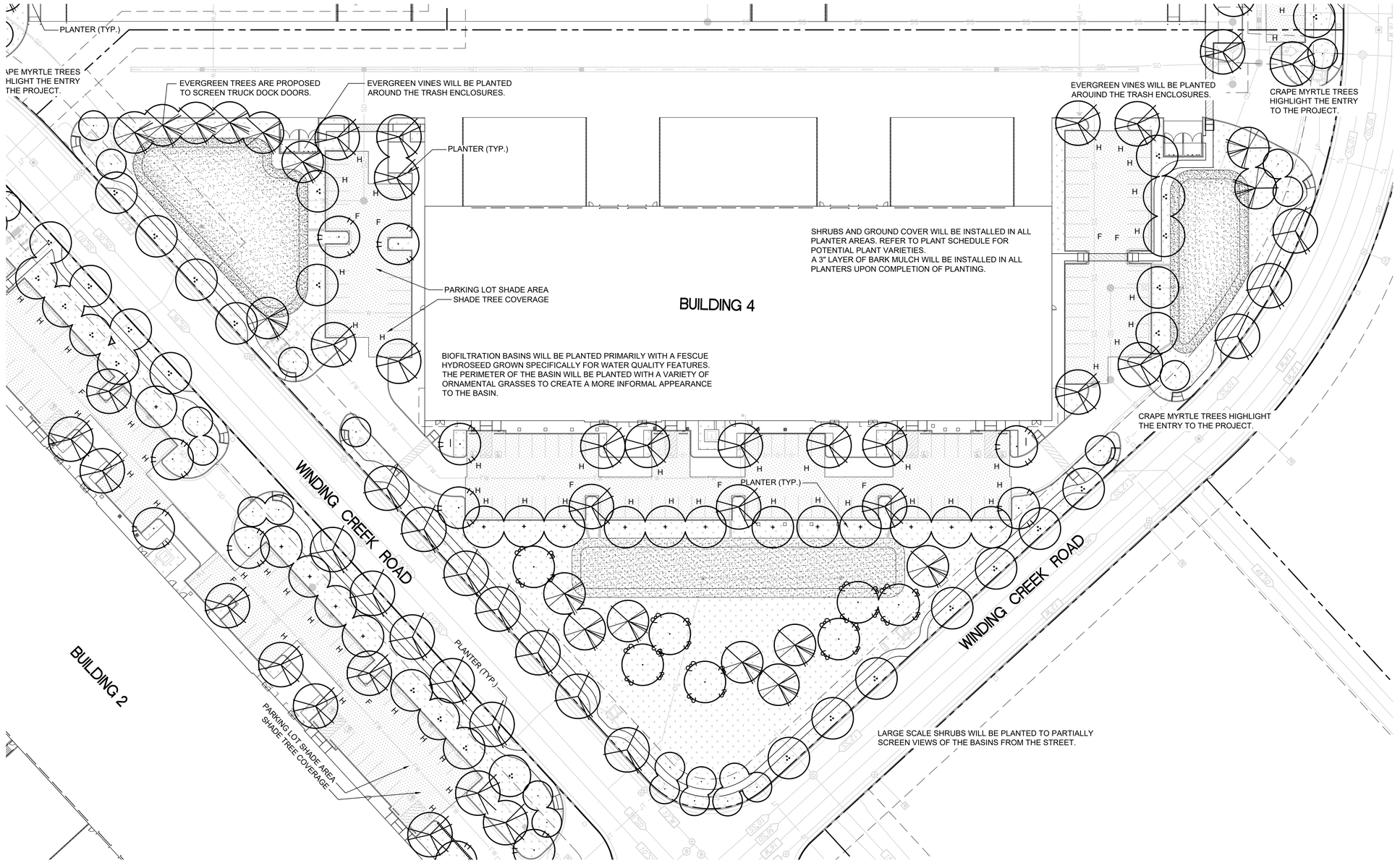

PLANT SCHEDULE: BUILDING 4

SYMBOL	QTY	BOTANICAL / COMMON NAME
TREES		
	10	Acer rubrum 'October Glory' / October Glory Red Maple
	16	Cedrus deodara / Deodar Cedar
	15	Lagerstroemia indica x fauriei 'Natchez' / Natchez Crape Myrtle
	6	Pistacia x `Red Push` / Red Push Pistache
	18	Platanus x acerifolia 'Columbia' / Columbia London Plane Tree
	7	Quercus wislizeni / Interior Live Oak
	17	Ulmus parvifolia `True Green` / Chinese Evergreen Elm
	12	Zelkova serrata 'Village Green' / Village Green Sawleaf Zelkova
BIOSWALE		
	23,701 sf	Biofiltration Hydroseed / Drought Tolerant Fescue Blend

SEE SHEET L1.7 FOR COMPLETE PLANT SCHEDULE

NORTH

0' 60' 30' 120'

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LANDSCAPE DEVELOPMENT PLANS

FOOTHILLS BLVD. &
WINDING CREEK ROAD

WINDING CREEK ROAD
ROSEVILLE, CA

Client/Subconsultant

Project Mgr: TVZ
Drawn By: JMA
Scale: 1"=30'
Date: 8/30/24
File Name: FWC PL

No.	Date	Revision
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2	4/3/25	DR RESUBMITTAL
3	5/27/25	DR RESUBMITTAL

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THERESEA V. ZARO 5124
Expiration Date
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Signature Date
5/27/25
Date
STATE OF CALIFORNIA

Sheet Title

BUILDING 4
PLANTING PLAN

Sheet No

L1.6

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PLANT SCHEDULE

SYMBOL	QTY	BOTANICAL / COMMON NAME	SIZE	H X W	WATER USE	NRSP PLANT LIST
TREES						
		Acer rubrum 'October Glory' / October Glory Red Maple	15 gal	50`x30`	MED	
		Cedrus deodara / Deodar Cedar	15 gal	50`x30`	LOW	x
		Cercis canadensis `Forest Pansy` / Forest Pansy Eastern Redbud	15 gal	18`x15`	MED	
		Lagerstroemia indica x fauriei 'Natchez' / Natchez Crape Myrtle	24" box	20`x20`	LOW	x
		Magnolia stellata rubra / Red Star Magnolia	15 gal	12`x16`	MED	
		Pistacia x `Red Push` / Red Push Pistache	15 gal	35`x30`	LOW	x
		Platanus x acerifolia 'Columbia' / Columbia London Plane Tree	15 gal	40`x30`	MED	x
		Prunus cerasifera `Purple Pony` / Dwarf Flowering Plum	15 gal	12`x12`	MED	x
		Quercus shumardii / Shumard Oak	15 gal	50`x30`	LOW	
		Quercus wislizeni / Interior Live Oak	15 gal	50`x30`	LOW	
		Rhaphiolepis x 'Montic' / Majestic Beauty® Indian Hawthorn	15 gal	12`x10`	LOW	
		Ulmus parvifolia `True Green` / Chinese Evergreen Elm	24" box	40`x35`	LOW	
		Zelkova serrata 'Village Green' / Village Green Sawleaf Zelkova	15 gal	35`x30`	LOW	
POTENTIAL SHRUBS		BOTANICAL / COMMON NAME	SIZE	H X W	WATER USE	
		Callistemon viminalis 'Little John' / Little John Weeping Bottlebrush	5 gal	3`x5`	LOW	x
		Dianella x 'Clarity Blue' / Clarity Blue Dianella	5 gal			x
		Grevillea x `Noelliii` / Grevillea	5 gal	5`x5`	LOW	
		Mahonia aquifolium / Oregon Grape	5 gal	3`x4`	LOW	x
		Mahonia eurybracteata 'Soft Caress' / Soft Caress Mahonia	5 gal	3`x4`	LOW	
		Nandina domestica `Gulf Stream` / Heavenly Bamboo	5 gal	2`x2`	LOW	
		Pittosporum tobira `Variegata` / Variegated Mock Orange	5 gal	5`x5`	MED	
		Prunus caroliniana `Compacta` / Compact Carolina Laurel Cherry	5 gal	8`x6`	LOW	x
		Rhamnus californica `Eve Case` / California Coffeeberry	5 gal	6`x7`	LOW	x
		Rhaphiolepis umbellata `Minor` / Gulf Green™ Indian Hawthorn	5 gal	4`x4`	LOW	
		Xylosma congestum `Compacta` / Compact Xylosma	5 gal	6`x6`	LOW	
POTENTIAL GRASSES						
		Muhlenbergia capillaris `Regal Mist` / Muhly	1 gal	3`x3`	LOW	
		Muhlenbergia rigens / Deer Grass	1 gal	4`x4`	LOW	x
POTENTIAL VINES						
		Ficus pumila / Creeping Fig	5 gal	1`x6`	MED	x
POTENTIAL GROUND COVERS		BOTANICAL / COMMON NAME	SIZE	H X W	WATER USE	SPACING
		Acacia redolens `Low Boy` / Low Boy Bank Catclaw	1 gal	2`x6`	LOW	72" o.c.
		Arctostaphylos x 'Emerald Carpet' / Emerald Carpet Manzanita	1 gal	1`x4`	LOW	36" o.c.
		Baccharis pilularis 'Pigeon Point' / Pigeon Point Coyote Brush	1 gal	1`x8`	LOW	72" o.c.
		Cotoneaster dammeri `Lowfast` / Lowfast Bearberry Cotoneaster	1 gal	1.5`x6`	LOW	60" o.c.
		Lantana x 'Mone' / Tangerine™ Trailing Lantana	flat			36" o.c.
		Rosmarinus officinalis 'Prostratus' / Dwarf Rosemary	flat			60" o.c.
BIOSWALE						
		Biofiltration Hydroseed / Drought Tolerant Fescue Blend	Hydroseed			

PLANTING NARRATIVE

The proposed landscape plant palette consists of low water use shrubs, groundcover, trees, and ornamental grasses that are considered low maintenance and hardy. Choice of plants is guided by considerations of solar exposure and climate conditions of the site. Plant selection aims for longevity by selecting plants that are long lived varieties of trees, shrubs, groundcover, and grasses.

Shrubs and groundcover are minimum #1 size. Trees are minimum #15 size. Plant materials shall be spaced to provide substantial cover, but also to allow adequate room to mature into their natural form and ultimate size without required pruning.

IRRIGATION NARRATIVE

The irrigation system will be serviced by a new point of connection. The irrigation design will consist of low volume inline drip irrigation. Proposed trees shall utilize bubbler irrigation to encourage deep root watering. The overall irrigation system will be designed with a smart irrigation controller. A weather sensor will be used to automatically adjust duration of application in accordance with recent weather conditions based on evapotranspiration. Maximum water allowance will be determined by State code. To also be consistent with the planting design, the irrigation design will create separate irrigation stations by hydrozone, locating plants of different water and solar needs into groups.

BUILDING 1 PARKING LOT SHADE CALCULATIONS

TREE CODE	SHADE (SF)	QTY	(F)100%	QTY	(TQ)75%	QTY	(H)50%	QTY	(Q)25%
CED DEO	962		0		0	1	481		0
MAG RUB	314		0		0	3	471		0
PIS RED	962	6	5,772		0	2	962		0
PLA COL	962		0		0	14	6,734		0
ULM TRU	962	1	962		0	1	481		0
ZEL VIL	962		0		0	24	11,544		0

PARKING LOT AREA (SF)	50,850
SHADE REQUIRED (50%)	25,425
SHADE PROVIDED (SF)	27,407
SHADE PROVIDED	54%

BUILDING 2 PARKING LOT SHADE CALCULATIONS

TREE CODE	SHADE (SF)	QTY	(F)100%	QTY	(TQ)75%	QTY	(H)50%	QTY	(Q)25%
PIS RED	962		0		0	5	2,405		0
PLA COL	962		0		0	7	3,367		0
ULM TRU	962	3	2,886		0	6	2,886		0
ZEL SER	962		0		0	8	3,848		0

PARKING LOT AREA (SF)	26,172
SHADE REQUIRED (50%)	13,086
SHADE PROVIDED (SF)	15,392
SHADE PROVIDED	59%

BUILDING 3 PARKING LOT SHADE CALCULATIONS

TREE CODE	SHADE (SF)	QTY	(F)100%	QTY	(TQ)75%	QTY	(H)50%	QTY	(Q)25%
PIS CHI	962	3	2,886		0	8	3,848		0
PLA COL	962		0		0	9	4,329		0
MAG RUB	314	9	2,826		0	8	1,256		0
PRU PUR	314		0		0	59	9,263		0
ULM PAR	962	6	5,772		0	6	2,886		0
ZEL SER	962		0		0		0		0

PARKING LOT AREA (SF)	66,600
SHADE REQUIRED (50%)	33,300
SHADE PROVIDED (SF)	33,066
SHADE PROVIDED	50%

BUILDING 4 PARKING LOT SHADE CALCULATIONS

TREE CODE	SHADE (SF)	QTY	(F)100%	QTY	(TQ)75%	QTY	(H)50%	QTY	(Q)25%
PIS CHI	962	2	1,924		0	4	1,924		0
PLA COL	962		0		0	7	3,367		0
ULM PAR	962	3	2,886		0	12	5,772		0
ZEL SER	962		0		0	12	5,772		0

PARKING LOT AREA (SF)	33,492
SHADE REQUIRED (50%)	16,746
SHADE PROVIDED (SF)	21,645
SHADE PROVIDED	65%

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LANDSCAPE ARCHITECTURE

1223 HIGH STREET
AUBURN, CALIFORNIA 95603
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LANDSCAPE DEVELOPMENT PLANS

FOOTHILLS BLVD. &
WINDING CREEK ROAD

WINDING CREEK ROAD
ROSEVILLE, CA

Client/Subconsultant

Project Mgr: TVZ

Drawn By: JMA

Scale:

Date: 8/30/24

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LICENSED LANDSCAPE ARCHITECT
TERESA V. ZARO 5714
Signed
8/26
Renewal Date
5/31/25
Date
STATE OF CALIFORNIA

Sheet Title

PLANT SCHEDULE, NARRATIVES & CALCS.

Sheet No

L1.7

S:\Projects\Foothills Blvd Winding Creek\3WC\3WC LP.dwg\L1.7.DT May 2025 3:20 PM by: Theresa Zaro

North Elevation

West Elevation

South Elevation

East Elevation

HPA architecture SINCE 1980

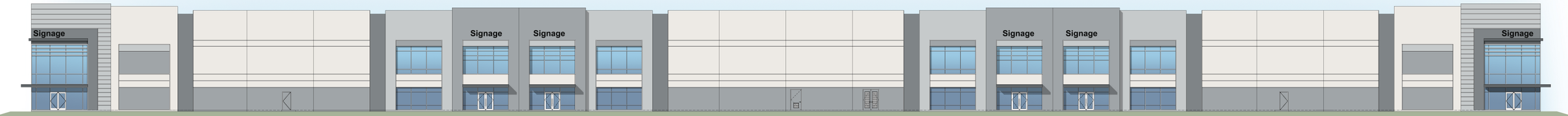
Conceptual Building Elevations Building 1

FOOTHILL BLVD. & WINDING CREEK ROAD

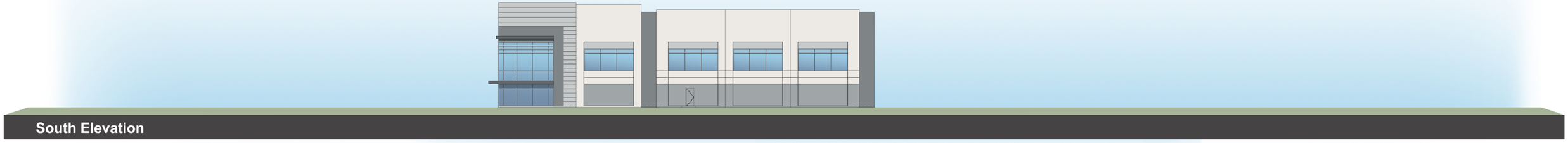
City of Roseville CA | #22345 | 05.22. 2025

MARK IV CAPITAL

North Elevation



West Elevation



South Elevation

East Elevation

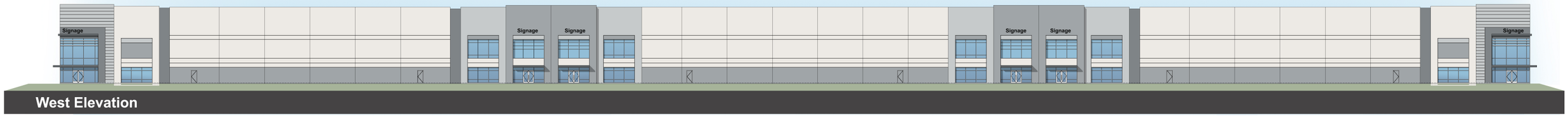
Conceptual Building Elevations Building 2

FOOTHILL BLVD. & WINDING CREEK ROAD

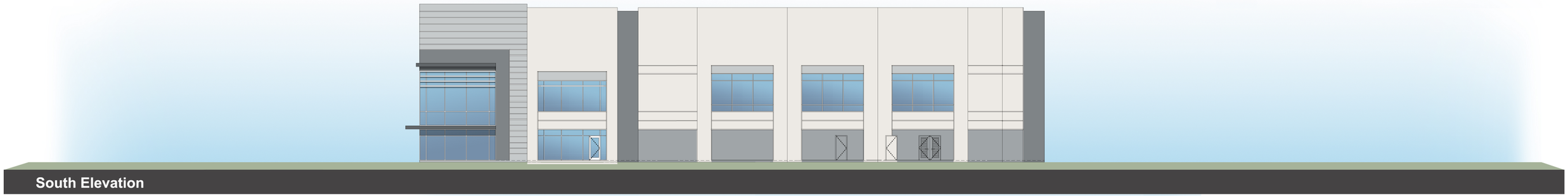
City of Roseville CA | #22345 | 04.02. 2025

MARK IV CAPITAL

North Elevation



West Elevation



South Elevation

East Elevation

Conceptual Building Elevations Building 3

FOOTHILL BLVD. & WINDING CREEK ROAD

City of Roseville CA | #22345 | 04.02. 2025

HPA architecture SINCE 1980

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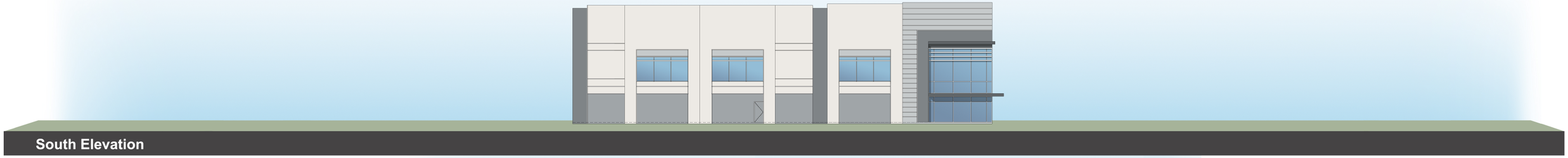
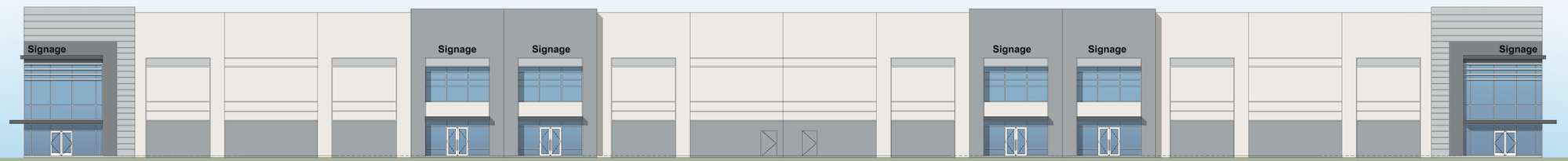
North Elevation

West Elevation



South Elevation



East Elevation

Conceptual Building Elevations Building 4

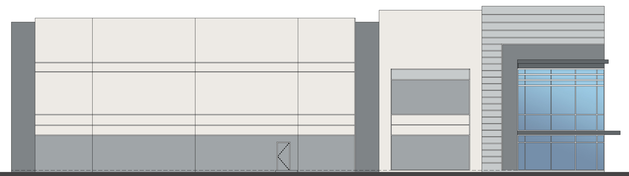
FOOTHILL BLVD. & WINDING CREEK ROAD

City of Roseville CA | #22345 | 04.02. 2025

HPA architecture SINCE 1980

MARK IV CAPITAL

West Elevation-Building 1



North Elevation-Building 2

1 **Sherwin Williams SW 7004 Snowbound (256-C2)**

2 **Sherwin Williams SW 7071 Grey Screen (235-C1)**

3 **Sherwin Williams SW 7073 Network Gray (235-C3)**

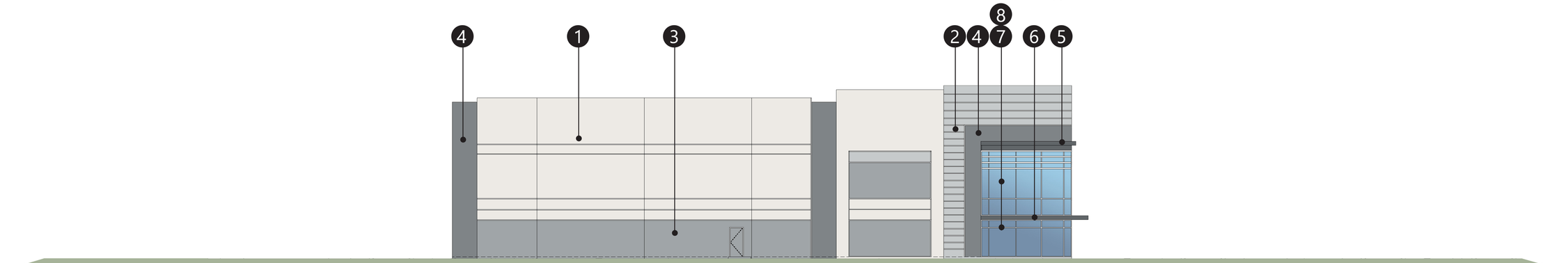
4 **Sherwin Williams SW 7074 Software (235-C5)**

5 **Sherwin Williams SW 7075 Web Gray (235-C6)**

6 **Sherwin Williams SW 7075 Web Gray (235-C6) Metal Canopy**

7 **Clear Anodized Aluminum Mulions**

8 **Blue Glazing**



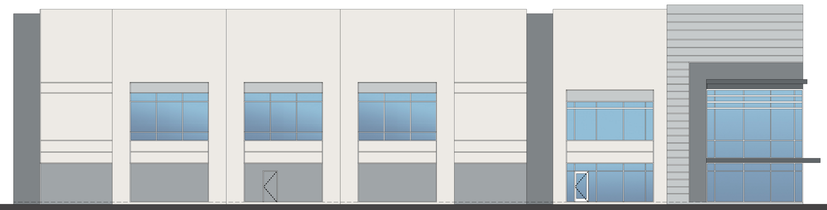
Enlarged View of North Elevation-Building 2

City of Roseville CA

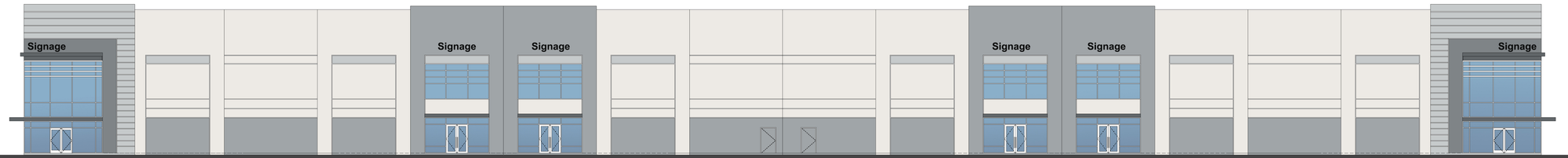
Foothill Blvd. & Winding Creek Road

Material Board Building 1 & 2 #22345 | 04.02. 2025

MARK IV CAPITAL



North Elevation-Building 3



East Elevation-Building 4

1 Sherwin Williams SW 7004 Snowbound (256-C2)

2 Sherwin Williams SW 7071 Grey Screen (235-C1)

3 Sherwin Williams SW 7073 Network Gray (235-C3)

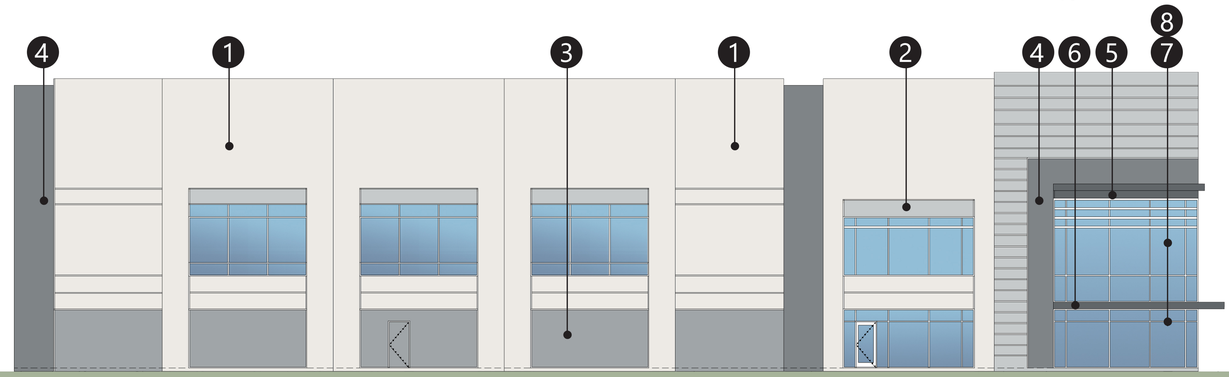
4 Sherwin Williams SW 7074 Software (235-C5)

5 Sherwin Williams SW 7075 Web Gray (235-C6)

6 Sherwin Williams SW 7075 Web Gray (235-C6) Metal Canopy

7 Clear Anodized Aluminum Mulions

8 Blue Glazing



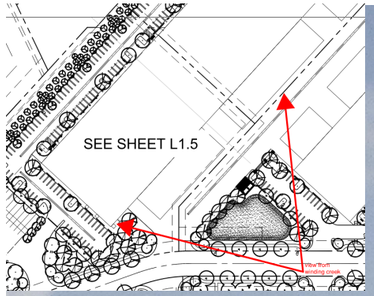
Enlarged View of North Elevation-Building 3

City of Roseville CA

Foothill Blvd. & Winding Creek Road

Material Board Building 3 & 4 #22345 | 04.02. 2025

MARK IV CAPITAL

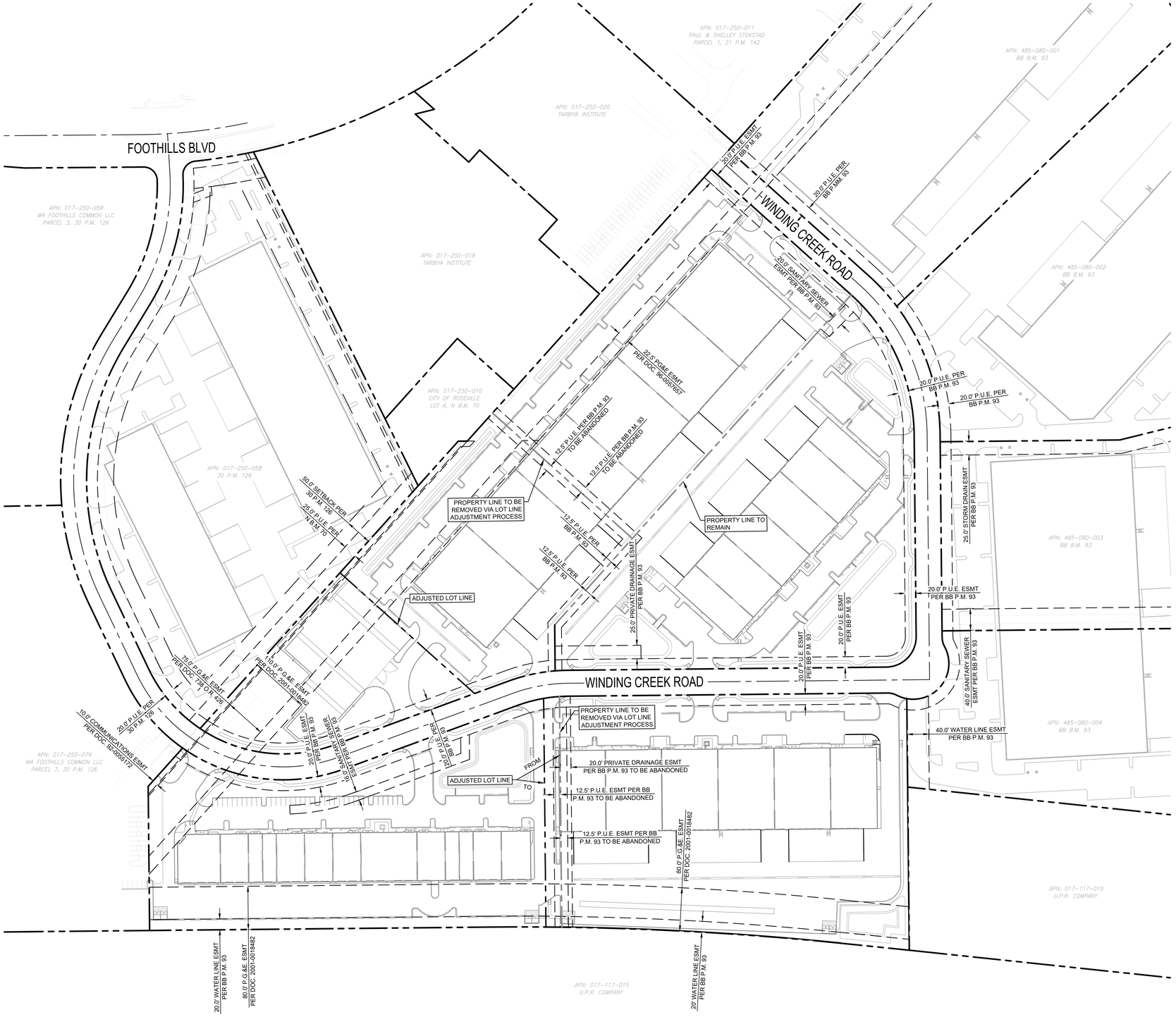


City of Roseville CA

1100 Winding Creek Road

Rendering View from Winding Creek Rd #22345 | 03.24.2025

MARK IV CAPITAL



LEGEND

- EASEMENT LINE
- RIGHT-OF-WAY LINE
- PROPERTY LINE
- EX. PROPERTY LINE

NORTH

GRAPHIC SCALE IN FEET
0 40 80 160

SCALE
1" = 80'
WHEN PRINTED AT FULL SIZE (30"X42")

MARK IV CAPITAL

1100 WINDING CREEK ROAD
ROSEVILLE, CA, 95678

LOT LINE ADJUSTMENT EXHIBIT

C5.0

Kimley»Horn