

**DEVELOPMENT REVIEW COMMITTEE  
STAFF REPORT  
FEBRUARY 13, 2024**

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**Prepared by:** Amy Wolfson, City Planner

**DATA SUMMARY:**

**Application Number:** 23PLN-41  
**Subject:** Development Review Permit for the construction of a ±4,300 square foot retail paint store for Sherwin-Williams on a ± 1.5 acre parcel (after pending lot line adjustment) on Nevada City Highway (next to Lumberjacks Restaurant)  
**Owner:** Matt McWhirter (representative)  
**Applicant:** McWhirter Realty Partners  
**Zoning/General Plan:** Central Business (C-2) Zone/Commercial  
**Entitlements:** Development Review Permit

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**RECOMMENDATION:**

1. That the Development Review Committee recommend that the Planning Commission approve the Development Review Permit for the ±4,300 square foot retail paint store as presented, as may be modified by the Development Review Committee and/or Planning Commission, which includes the following actions:
  - a. A recommendation that the Development Review project is Categorical Exempt pursuant to Section 15332, Class 32 (In-fill) of the California Environmental Quality Act (CEQA) and Guidelines, as detailed in the staff report; and
  - b. Adopt Findings of Fact for approval of the Development Review Permit as presented in the Staff Report; and,
  - c. Approve the Development Review Permit for the ±4,300 square foot retail paint store on a ± 0.92 acre as presented in accordance with the Conditions of Approval, attached to the Staff Report.

**BACKGROUND:**

Staff received an initial application in November 2023 and took it to DRC at their January 23<sup>rd</sup> meeting. The applicant is proposing a ±4,300 square foot retail paint store. The site is pending a lot line adjustment that will result in a minimum of 1.5 acres to accommodate the paint store. The store itself will be situated on a portion of the resulting parcel that is zoned Central Business District (C2), while ancillary uses such as parking, secondary access, and trash storage will be situated on a portion zoned for Commercial Business Park (CBP). The DRC continued the matter at the January meeting with a request that the applicant return with the following modifications:

- Consider gooseneck lighting
- Reduce the amount of cement plaster, particularly on the south and west elevations
- Provide articulation at the front entrance (recommended a gable form over door)
- Use form and mass to create articulation

- Clarify the ground covering on the landscape plan
- Line the secondary access with landscaping

The applicant has provided revised improvement plans in response to the DRC recommendations.

### **PROJECT DESCRIPTION:**

**Development Review Permit** This is a Development Review for a Sherman Williams retail paint store at a vacant lot on Nevada City Highway, with secondary access off Gates Place, and a Lot Line Adjustment between APNs 035-600-007 and 035-600-004 to accommodate parking and secondary access. The retail building will be 4,365 sq ft and will have primary access from an existing easement located on 2075 Nevada City Highway (Lumberjacks Restaurant).

*Site Plan & Setbacks* – The one-story, 24-foot tall retail paint store is proposed to be located approximately 75 feet from Nevada City Highway, which is consistent with the setbacks of buildings on either side of the property. There are no applicable front or side yard setbacks for the commercial property, and the rear of the building is consistent with the 12-foot minimum setback required where loading is proposed, provided the lot line adjustment is completed. Condition requires that the lot line adjustment shall be recorded prior to construction of the building. As proposed the project complies with the City’s setback requirements.

*Access & Circulation* – Primary access will be to the property is proposed through a 25-foot wide shared access easement located on 2075 Nevada City Highway, where Lumberjack’s restaurant is located. A secondary access will come off of Gate’s place with a 24-foot wide driveway. at two locations at the north end and at the south end of the resulting lot, both providing two-way access to/from Plaza Drive. All the internal drive aisles are a minimum of 25-foot wide, which provide two-way traffic.

*Parking* – A total of 18 on-site parking spaces are provided, including 1 ADA accessible parking space. The standard parking spaces meet the minimum dimensions of 9 feet by 18 feet with minimum backing distances of 25 feet in compliance with City Parking Standards. Table 3-3 of the City’s Development Code requires 1 space for every 250 square feet of retail floor area, which works out to 17.46 spaces for the proposed use. Therefore, the development is in compliance with city parking standards.

*Landscaping* – Landscaping is provided around the perimeter of the proposed building, as well as the parking lot perimeter consistent with requirements proposed development area. 8 shade trees are proposed in compliance with a minimum of one shade tree for every five parking spaces. Total landscaped area of the development is 12,192 square feet or approximately 30% of the total site. The C-2 zone has no limit for site coverage other than what is required to meet landscaping standards.

*Building Design* – In addition to the 80 lodging rooms, the hotel includes a registration lobby, a breakfast dining area, a fitness center, an outdoor pool, a conference room, and laundry facilities. The total square footage of the building is ±42,542 square feet with ±14,000 square feet on each

floor. The building has similar architectural design and material elements as other buildings in the Brunswick Basin, including:

- Siding:
  - Dryvit siding (synthetic stucco)
  - Fiber-cement, horizontal channel siding
  - Stack-stoned veneer
- Roofing:
  - Flat, parapet roof with gable peaks
  - Windows and doors to be covered with standing seam metal shed rooves; front entrance to be covered with a flat awning
- Building lighting will primarily feature gooseneck lighting



***Proposed Sherwin-Williams Paint Store rendering***

***Trash Enclosure*** – A trash enclosure is located northeast of the proposed building within the rear parking area. The materials of the trash enclosure includes a 6-foot high, CMU enclosure with steel gates.

***Lighting*** - Lighting proposed for the project site includes 20-foot parking lot pole lighting, and gooseneck wall fixtures at 10-foot heights on the building. Section 17.30.060 of the City Municipal Code provides standards for outdoor lighting. Subsection A states that a fixture shall not exceed fourteen feet, though the development review committee can allow fixtures to reach up to twenty feet in height where it determines the additional height will comply with all other standards (see finding 8). It should be noted that lighting across the street at the Fowler Center appears to exceed the 20-foot height limit. All lighting fixtures contain shields to direct lighting downward.

***Grading and Drainage*** – The site slopes north to south at a slope of approximately 5%. Earthwork will involve the export of 3,862 c.y. of material which will be stockpiled onsite. The excavation will accommodate the building pad, parking area so that it aligns with the existing grade of the driveway easement on the adjacent property. Existing site drainage sheet flows across the parcel into two earthen ditches. Proposed drainage is collected into three separate water quality and attenuation facilities before discharging into either the 36”

(East) or 24" (south) bypass piping and into existing culverts. Onsite drainage is collected in downspouts and gutters and directed into treatment areas. Water quality is provided using underground chambers, and a bio retention pond.

*Tree Removal* – According to the site plan, a total of three cottonwood trees, each with a diameter of 12 inches will be removed to accommodate the development. A couple of smaller trees will also be removed but are small enough that a permit is not required. All are located along the northern boundary of the site where a manmade drainage connects to a city inlet. The tree removal will accommodate a V-ditch and retaining wall along that northern boundary. Eight pine trees will be removed to accommodate the frontage improvements along Gates Place as required by the Engineering Department. A tree removal permit will be required pursuant to the city's tree preservation ordinance, Chapter 12.36.

### **SITE DESCRIPTION AND ENVIRONMENTAL SETTING:**

The subject parcels are currently vacant, located within a developed area of Nevada County and are adjacent to/nested within fragmented mixed conifer forest and annual grassland habitat. Directly north, south, east, and west of the subject parcels contain commercial and residential development, with larger, partially developed parcels and a more rural setting to the east of the subject parcels on the east side of SR 49/20. Nevada City Highway is located adjacent to the west along with the Fowler Center across the highway. Lumberjack's and the Honda Motorcycle dealership are located adjacent to the proposed Sherwin Williams site. Both Gates Place and SR 49 are located immediately along the southeastern and western borders of the subject parcels. A mixed conifer forest habitat, or Ponderosa pine-incense cedar Alliance comprises the forested vegetation community throughout the Project area. Non-native annual grassland species occur as the dominant habitat type within the open sections of the Project area. However, the drainage along the northern border of the Sherwin Williams site does contain some riparian and wetland associated species (willows and small area of cattails). Along the frontage of the site along Nevada City Highway the drainage is dominated by invasive, non-native Himalayan blackberry shrubs.

### **GENERAL PLAN AND ZONING:**

*General Plan* - The project area has a land use designation of Commercial along Nevada City Highway and Business Park along Gates Place according to the City of Grass Valley 2020 General Plan. The Commercial designation is a broad category intended to encompass all types of retail commercial and commercial service establishments. The Business Park

*Zoning* - The portion of the property to be developed with the building is within the Central Business (C-2) Zone, whereby a variety of retail uses are permitted subject to Development Review Permit approval. Ancillary uses such as parking, trash storage, and the secondary driveway are located on the portion of the property zoned Commercial Business Park.

### **ENVIRONMENTAL DETERMINATION:**

Pursuant to CEQA an Initial Study is required to be prepared in the absence of an applicable exemption pursuant to CEQA Guidelines. In this case, the retail paint store development on a 0.92 acre is consistent with Categorical Exemption Class 32, which consists of projects



characterized by in-fill development meeting the conditions described in this section (city consistency response in italics):

(a) The project is consistent with the applicable general plan designation and all applicable general plan policies as well as with applicable zoning designation and regulations.

*General retail use is a permitted use in the C-2 zoning designation and is consistent with the Commercial General Plan designation defined in the City of Grass Valley 2020 General Plan as serving a wide variety of service commercial establishments. The store itself is entirely on the C-2 zoned portion of the property, and ancillary uses are located on the CBP portion of the property.*

(b) The proposed development occurs within city limits on a project site of no more than five acres substantially surrounded by urban uses.

*The retail development is proposed on a project site of approximately 1.5 acres. Surrounding uses include the Lumberjacks restaurant to the south, the Honda motorcycle dealership to the north, and the Fowler shopping center to the west. A vacant property to the east, the boundary of which will be adjusted to accommodate the proposed site, is bounded by State Highway 20/49.*

(c) The project site has no value as habitat for endangered, rare or threatened species.

*A Biological Resource Assessment, dated November 2023, was prepared by Greg Matuzak, Principle Biologist at Greg Matuzak Environmental Consulting LLC. The Assessment indicates that Special-status species were considered in the preparation of the Biological Resource Assessment and is based on a current review of the California Natural Diversity Data Base (CNDDDB) and database information provided by the United States Fish and Wildlife Service for the subject parcel. The database searches revealed seven (7) species, and the biologist provides an analysis of twelve (12) species which have at least a low potential for occurring based on habitat type and previous documentation: Brandegee's clarkia, Sierra foothills brodiaea, Scadden Flat checkerbloom, Stebbins' morning-glory, Pine Hill Flannelbush, finger rush, dubious pea, brownish beaked-rush, coast horned lizard, Townsend's big-eared bat, yellow-breasted chat, and California black rail. However, none of the species were observed during field surveys and Matuzak further concluded that the subject site offers only marginal habitat or no suitable habitat and therefore the development would have no impact for each of these species. Additionally, there is no federally mapped Designated Critical Habitat (DCH) within the project area.*

(d) Approval of the project would not result in any significant effects relating to traffic, noise, air quality, or water quality.

**Traffic:**

*Level of Service (LOS): The retail paint store use is anticipated to generate fewer vehicle trips than the City's threshold of 63 PM peak hour trips and is therefore considered a less than significant impact.*

*Vehicle Miles Traveled (VMT): The retail paint store is smaller than 10,000 square feet which is assumed to generate less than 630 VMT per day based on the Nevada County Transportation*

*Commission (NCTC) travel forecasting model, and therefore is considered less than significant pursuant to the Office of Planning and Research (OPR) Technical Advisory.*

*Noise: As a commercial zoning designation, the site is subject to a noise standard of 65 dbA pursuant to section 8.28.060 of the city municipal code. The project site is surrounded by other commercial uses, as well as a state highway. The nearest sensitive receptor is a residence that is over 500 feet away. Noise associated with the construction of the property will be temporary and noise associated with operation of the retail store is anticipated to be consistent with surrounding commercial uses.*

*Air Quality: The Northern Sierra Air Quality Management District (NSAQMD) has reviewed the project and determined that reasonable project guidelines based on a Dust Management Plan that the applicant will be required to sign an agreement if disturbance is to exceed one acre, are adequate to mitigate air quality impacts related to the development.*

*Water Quality: The project site does not include any Waters of the U.S., and there are no streams or wetlands mapped under the National Wetland Inventory within or immediately adjacent to the site. Proposed drainage is collected into three separate water quality and attenuation facilities before discharging into either the 36" (East) or 24" (south) bypass piping and into existing culverts. Onsite drainage is collected in downspouts and gutters and directed into treatment areas. Water quality is provided using underground chambers, and a bio retention pond.*

(e) The site can be adequately served by all required utilities and public services.

*All utilities, including NID water, PG&E power lines, and city sewer lines are located in close proximity to the project, as they serve the adjacent commercial uses. Extension of these services are contingent upon the applicant extending infrastructure as needed and working with the respective agencies to hook up to their utility infrastructure. NID has indicated that the site has existing standby account. No utility agency has expressed concern in their capacity for serving the project as proposed.*

#### **FINDINGS:**

In accordance with Sections 17.72.30 J (Development Review Permit) of the Development Code, the Planning Commission is required to make the following specific findings before it approves the Development Review permit.

1. The City received a complete application for the Sherwin Williams Paint Store (23PLN-41).
2. The Development Review Committee reviewed the project in compliance with the California Environmental Quality Act and recommends that the Planning Commission find the project qualifies for a Class 32, Categorical Exemption (In-fill) in accordance with the California Environmental Quality Act and CEQA Guidelines.
3. The 2020 General Plan designates the project site as Commercial and Business Park. The Sherwin Williams Paint Store is consistent with the General Plan or any applicable Specific Plan.
4. The proposed project is allowed within the applicable zone and complies with all other applicable provisions of the Development Code and the City Municipal Code.

5. The design, location, size, and characteristics of the proposed project is in compliance with any project-specific design standards in effect and any standards and guidelines for Development Review Permits.
6. The project complies with all applicable provisions of the City's Design Guidelines.
7. The project can be adequately, conveniently, and reasonably served by public facilities, services, and utilities.
8. The 20-foot height of the parking lot lighting is appropriate in order to comply with all other outdoor lighting requirements as outlined in section 17.30.060 of the city municipal code.

### **RECOMMENDED CONDITIONS OF APPROVAL:**

#### **PLANNING**

1. The approval date for Development Review is <TBD> with an effective date of Thursday, <TBD> pursuant to Section 17.74.020 GVMC. This project is approved for a period of one year and shall expire on \_\_\_\_\_ unless the project has been effectuated or the applicant requests a time extension that is approved by the Development Review Committee pursuant to the Development Code.
2. The final design shall be consistent with the Development Review application and plans provided by the applicant and approved by the Planning Commission (23PLN-41). The project is approved subject to plans on file with the Community Development Department. The Community Development Director may approve minor changes as determined appropriate.
3. If tree or vegetation removal is proposed within the bird breeding season (between March 1 and August 31) a pre-construction survey within 250 feet of the disturbance area shall be required pursuant to the Biological Resource Analysis prepared by Greg Matuzak, dated November 2023 and prepared for the applicant.
4. A tree removal permit shall be required for the removal of any tree over 10 inches Diameter at Breast Height (DBH) pursuant to city municipal code chapter 12.36.
5. The applicant's landscape architect shall submit a letter specifying that the landscaping and irrigation has been installed in accordance with the approved landscape plans.
6. The applicant's landscape architect or landscape contractor shall submit to the City for approval the "certificate of completion" form as required by MWELO.
7. The applicant shall conduct an irrigation audit pursuant to the requirements of the MWELO. This shall be conducted by a third-party certified landscape irrigation auditor that did not install or design the landscape and irrigation. Prior to the audit City must confirm the selected auditor complies with MWELO requirements.
8. In the event of inadvertent discovery of previously unidentified cultural material, archeological consultation shall be sought immediately.

9. In the event that human remains are inadvertently encountered during ground-disturbing activity or at any time subsequently, State law shall be followed, which includes, but is not limited to, immediately contacting the County Coroner's office upon any discovery of human remains.
10. The applicant shall file for a sign permit prior to erecting signage.
11. The security lighting labeled on the light schedule as "L-2," and referenced on the east and south elevations will need to be revised to comply with the city's outdoor lighting standards in section 17.30.060 of the city municipal code.
12. The Lot Line Adjustment shall be amended to ensure each resulting property containing Commercial Business Park zoning contains a minimum of 1.5 acres. The Lot Line Adjustment shall be filed and recorded prior to building permit issuance.
13. The applicant agrees to defend, indemnify, and hold harmless the City of Grass Valley in any action or proceeding brought against the City of Grass Valley to void or annul this discretionary land use approval

**ENGINEERING:**

14. Prior to recording the concurrent Parcel Map, a Grading Permit shall be issued by the City Engineer depending on the total acreage to be disturbed and all improvements described on the plans shall be completed or the applicant shall enter into an agreement with the City Engineer to complete the grading and public improvements.

**NEVADA IRRIGATION DISTRICT:**

15. A Water Demand Analysis is required prior to requesting meter to determine the appropriate size for the proposed use, as well as applicable connection fees to be collected..
16. Adequate backflow prevention device is required to be installed, along with meter.
17. If Private Fire Service is being proposed, applicant is required to submit improvement plans to NID for review and approval.

**BUILDING:**

18. The requirements of the 2022 CBC, CMC, CPC, CEC, and CFC apply.
19. The requirements of the Wildland-Urban (WUI) interface apply.
20. Plans shall include architectural, structural, mechanical, electrical and plumbing plans.
21. Applicable energy conservation compliance forms are required.
22. Calgreen compliance is required.

23. Plans, specifications and calculations must be prepared by or under the direct supervision of an architect or a civil or structural engineer licensed by the state of California.

**FIRE**

24. The project shall be designed and constructed in accordance with all applicable requirements of the 2022 edition of the California Fire Code (CFC), as amended and adopted by the City of Grass Valley, NFPA, and the City of Grass Valley
25. Adequate fire water supply shall be provided to support the building fire flow requirements of 2022 CFC, Appendix B, Table B105.1(2). (Amendment and Adoption to 2022 CFC / Local Ordinance.)
26. Project building fire flow requirements shall be determined by and in accordance with 2022 CFC, Appendix B, Table B105.1(2). (Amendment and Adoption to 2022 CFC / Local Ordinance.)
27. Buildings having a required fire flow of 1,500 gpm to 1,749 gpm and shall have a monitored fire alarm system installed. (Amendment and Adoption to 2022 CFC / Local Ordinance.)
28. Buildings having a required fire flow of greater than or equal to 1,750 gpm, or as required by the 2022 CFC, shall have a monitored fire sprinkler system installed. (Amendment and Adoption to 2022 CFC / Local Ordinance.)
29. If the project requires the installation of a fire sprinkler system, installation of an underground private fire water supply system shall be required.
30. Fire department access roads shall be designed and constructed in accordance with 2022 CFC, Appendix D. (Amendment and Adoption to 2022 CFC / Local Ordinance.)

**NORTHERN SIERRA AIR QUALITY MANAGEMENT DISTRICT:**

31. Prior to building permit or grading permit issuance, the applicant shall abide by the Dust Management Plan Descriptions of NSAQMD Rule 226 and shall sign an agreement to this effect if disturbance is less than one acre. If disturbance is an acre or greater, the applicant must provide a dust control plan.

**ATTACHMENTS:**

1. Aerial and Vicinity Maps
2. Applicant Statement
3. Lot Line Adjustment Exhibits
4. Improvement Plans

Special Studies available on the city's website (see attachment for link)

**Sherman Williams Retail Paint**  
**Development Review and Lot Line Adjustment**

1. Vicinity and Aerial Map
2. Applications -Universal and Lot Line Adjustment
3. Lot line Adjustment Exhibit
4. Project Plans:
  - a. Overall Site Plan
  - b. Elevations/Renderings
  - c. Landscape Plan
  - d. Lighting Details

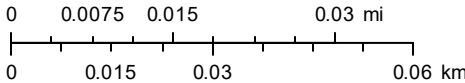
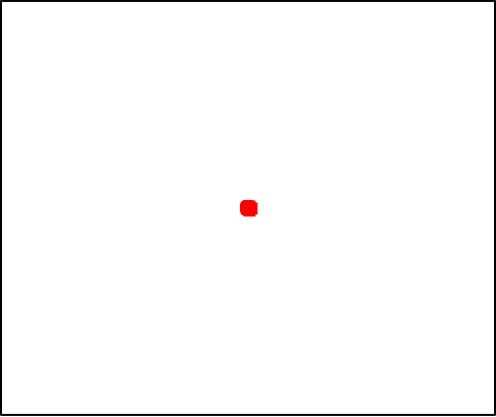
# Aerial Map- 035-600-007



Parcel APN: 035-600-007  
N/A

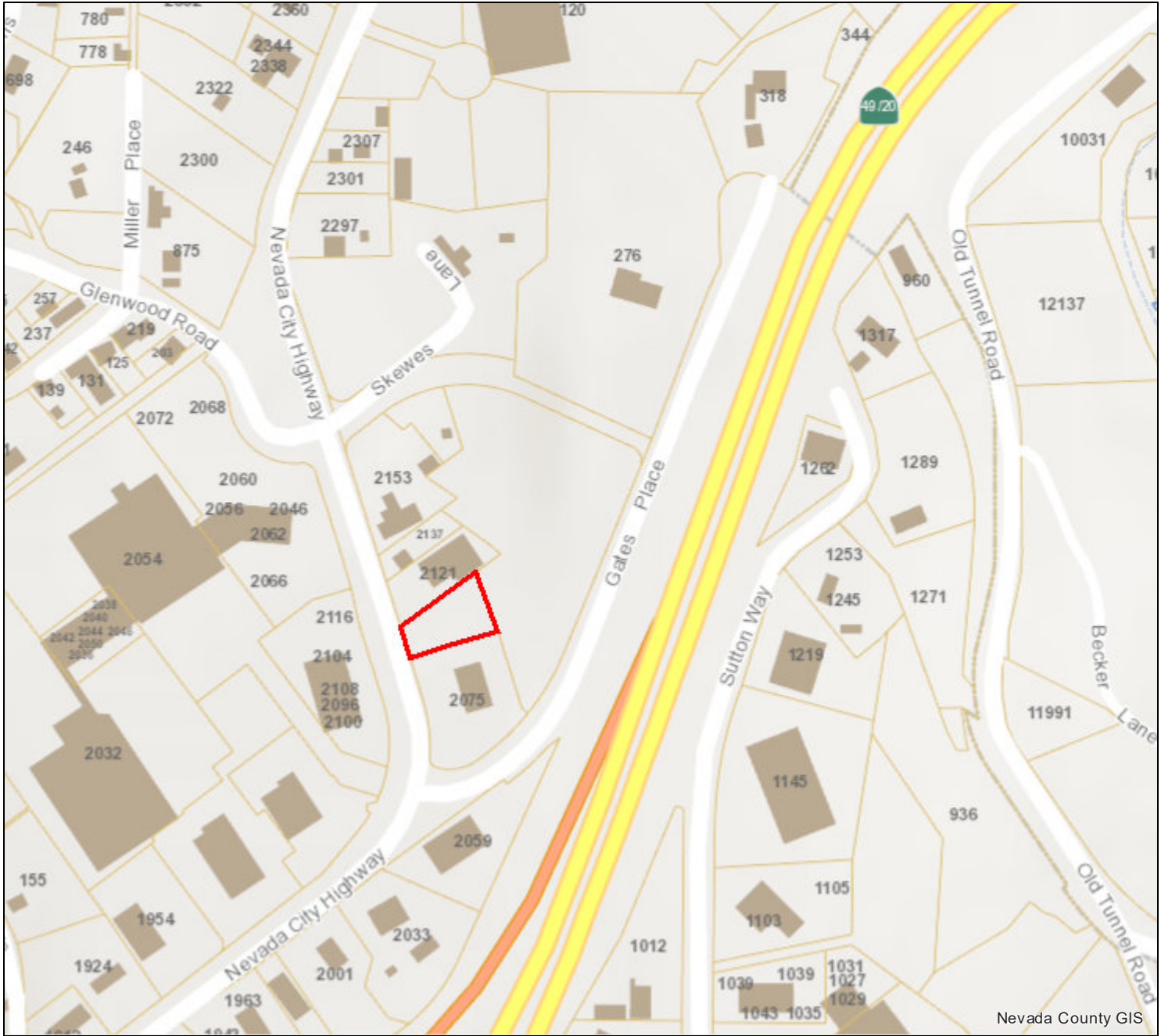
Land Value: \$13,022.00  
Improvement Value: \$0.00  
Acreage: Unknown  
Zoning: C-2 GVCity  
General Plan: C GVCity  
Fire District: Grass Valley  
Elementary Sch. Dist: Grass Valley  
Water District:  
Nevada Irrigation Dist: NID Water - Zone 1.0  
Public Utility:  
Park District:  
Service Area: Solid Waste Grass Valley - Csa 32  
Snow Load: 49 lbs/sqft  
Wind Exposure: C  
Climate Zone: 11  
Elevation: 2,647 feet

### Overview



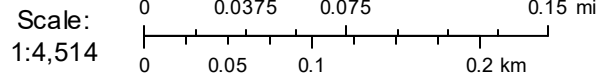
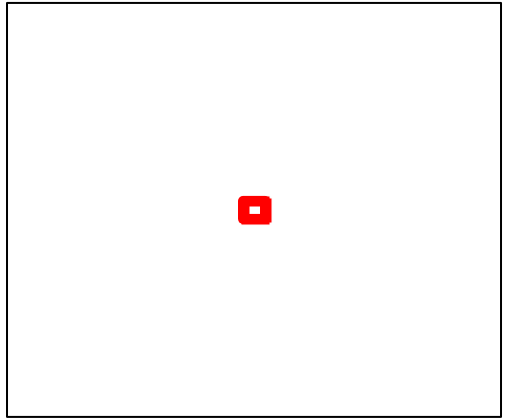


# Vicinity Map- 035-600-007



Parcel APN:	035-600-007
N/A	
Land Value:	\$13,022.00
Improvement Value:	\$0.00
Acreage:	Unknown
Zoning:	C-2 GVCity
General Plan:	C GVCity
Fire District:	Grass Valley
Elementary Sch. Dist:	Grass Valley
Water District:	
Nevada Irrigation Dist:	NID Water - Zone 1.0
Public Utility:	
Park District:	
Service Area:	Solid Waste Grass Valley - Csa 32
Snow Load:	49 lbs/sqft
Wind Exposure:	C
Climate Zone:	11
Elevation:	2,647 feet

## Overview





# DEVELOPMENT REVIEW



## SUPPLEMENTAL APPLICATION INFORMATION

This document will provide necessary information about the proposed project. It will also be used to evaluate potential environmental impacts created by the project. Please be as accurate and complete as possible in answering the questions. Further environmental information could be required from the applicant to evaluate the project.

**PLEASE PRINT CLEARLY OR TYPE  
 USE A SEPARATE SHEET, IF NECESSARY, TO EXPLAIN THE FOLLOWING:**

I. Project Characteristics:

A. Describe all existing buildings and uses of the property: The land is currently vacant with no buildings.

\_\_\_\_\_

\_\_\_\_\_

B. Describe surrounding land uses:

North: Retail

South: Restaurant

East: Hwy 49

West: Retail / Restaurant

C. Describe existing public or private utilities on the property: n/a

\_\_\_\_\_

\_\_\_\_\_

D. Proposed building size (if multiple stories, list the square footage for each floor): \_\_\_\_\_  
Approximately 4,365 square feet

\_\_\_\_\_

\_\_\_\_\_

E. Proposed building height (measured from average finished grade to highest point): \_\_\_\_\_  
24' 0"

\_\_\_\_\_

F. Proposed building site plan:

(1)	Building coverage	<u>4,365</u>	Sq. Ft.	<u>11</u>	% of site
(2)	Surfaced area	<u>13,920</u>	Sq. Ft.	<u>35</u>	% of site
(3)	Landscaped area	<u>21,790</u>	Sq. Ft.	<u>54</u>	% of site
(4)	Left in open space	_____	Sq. Ft.	_____	% of site
	Total	_____	Sq. Ft.	100	%

G. Construction phasing: If the project is a portion of an overall larger project, describe future phases or extension. Show all phases on site plan. The project only involves the construction of the Sherwin Williams building and associated parking, drive aisles, etc and will be completed in one phase. There will be excess land after a Lot Line Adjustment. This excess land will be held for future development with unknown uses at this time.

H. Exterior Lighting:

1. Identify the type and location of exterior lighting that is proposed for the project. The building will have architectural sconce and cylinder lights strategically placed around the perimeter of the building. The site will contain a few parking lot pole lights.

2. Describe how new light sources will be prevented from spilling on adjacent properties or roadways. Our electrical engineer is preparing the photometric plan to show that we are not spilling onto adjacent properties or roadways.

I. Total number of parking spaces required (per Development Code): 18

J. Total number of parking spaces provided: 18

K. Will the project generate new sources of noise or expose the project to adjacent noise sources? No

L. Will the project use or dispose of any potentially hazardous materials, such as toxic substances, flammables, or explosives? If yes, please explain. The store will carry some flammable and combustible liquids, all of which will be at or below the maximum allowable quantity.

M. Will the project generate new sources of dust, smoke, odors, or fumes? If so, please explain. No

II. If an **outdoor use** is proposed as part of this project, please complete this section.

A. Type of use:

Sales \_\_\_\_\_ Processing \_\_\_\_\_ Storage \_\_\_\_\_  
Manufacturing \_\_\_\_\_ Other \_\_\_\_\_

B. Area devoted to outdoor use (shown on site plan). \_\_\_\_\_

Square feet/acres \_\_\_\_\_ Percentage of site \_\_\_\_\_

C. Describe the proposed outdoor use: \_\_\_\_\_

## SITE PLAN REQUIREMENTS DEVELOPMENT REVIEW CHECKLIST

The following list includes all the items you must submit for a complete application. Some specific types of information may not apply to your project and, as noted, some items are not normally required. If you are not sure, ask Planning Division Staff. Planning Staff will use a copy of this list to check your application for completeness after it is submitted. If your application is not complete, a copy of the list will be returned to you marked according to the legend.

### A. Application Checklist:

- One completed copy of Universal Application form.
- One completed copy of the Environmental Review Checklist (if applicable).
- Preliminary Title Report dated no later than 6 months prior to the application filing date.
- The appropriate non-refundable filing fee.

### B. Site Plan

- Fifteen (15) Copies of Plan Sets for **Major** Development Review or Eight (8) Copies of Plan Sets for **Minor** Development Review on standard 24" x 36" size paper fan-folded to 9" x 12", one (1) reduced copy at 8 1/2" x 11" and e-mail electronic .pdf version which includes the following information:
  - Neighborhood Site Plan showing surrounding development improvements and natural features within 200 feet of the project site.
  - Project Site Plan drawn to scale and indicating:
    - Dimensioned property lines, north arrow, and any easements on the site
    - Points of access, vehicular circulation, location and dimension of parking areas and spaces
    - Location and any existing structures (specifying building setbacks), including the location and use of the nearest structures on adjacent property, and an indication of structures to be removed
    - Location of any existing or proposed utilities such as water, wastewater and storm drainage
    - Location of any proposed structures and uses (including building setbacks)
    - Open space and buffer areas
    - Walkways, bicycle facilities (bike lanes, parking racks, etc), and ADA compliance facilities on the project site and providing connections to existing off site facilities
    - Pedestrian and bicycle connections to adjacent development (pursuant to the City's Community Design Guidelines)
    - Mailbox locations and trash enclosures
    - Other site features such as outdoor seating areas

- Preliminary Grading and Drainage Plan showing:
  - Existing and proposed contours using City datum (cut and fill slopes)
  - Existing drainage characteristics of the site and a proposed preliminary drainage improvements (including drop inlets, detention basins, etc.)
  - Creek flow lines and flow directions
  - Retaining wall locations, materials, and heights.
  - Locations of existing trees (over 8" in trunk diameter at breast height) and their status (species and to be removed or retained as part of the development (including preservation measures, such as fencing, pavers blocks, etc)
  - Rock outcroppings and other major natural site features
  - Location and construction of temporary and permanent erosion and sedimentation control measures
  
- Architectural Plans, including elevations of all sides of the building indicating the form and exterior treatment, overall height, roof materials, proposed exterior mechanical equipment, building lighting, building materials and colors.
  
- Conceptual Landscape Plans indicating general locations of landscaping improvements, including locations of retained trees, newly planted trees, landscape buffers and berms, retaining and/or garden walls and any hardscape areas.
  
- Cross sections: (If the project site has an average cross slope of greater than ten (10) percent). Two or more sectional views of the project, approximately through the middle and at right angles to each other, showing existing and proposed grades and relationship of buildings, parking and landscaping at maturity, including major features and structures on adjacent properties at the most severe grades at two foot intervals.
  
- Exterior Lighting Plan including locations of all light standards and placement of building lighting. This plan shall include power rating details, heights, shielding design and cut sheets lighting designs. Include a photo-metric lighting plan, overlaid onto the project site plan, showing lighting levels across the entire site and at property lines.
  
- Schematic Floor Plan showing interior building layouts, rooms or use areas, square footages of bedrooms, entrances and relationship to exterior use areas.
  
- Signs: Note if to be submitted under separate permit or include general locations of contemplated signage on building or grounds should be included. Additional details, such as sign construction and materials should also be included, if available. If a major feature of the project involves signage, then the following additional information should be included in the package:
  - Dimensions and square footage of all signs.
  - Dimensions and square footage of building walls on which signs are located.
  - Means of lighting.
  - Heights of all signs.
  - Message that will appear on each sign.
  - Description of materials and colors for letters and background.
  - A scaled drawing of each sign showing typeface and design details.

- Color Architectural Elevations: One copy reduced to 8 ½" x 11" colored architectural elevations.
- Reduced Site Plan and Architectural Elevations: One copy each reduced 8 ½" x 11".
- Materials Sample Board with colors and textures of exterior architectural materials securely mounted on a maximum 8 ½" x 14" size illustration or poster board.

**C. Optional Items**

- Site Photographs of the project site, including neighboring development and including a key map of where each photo has been taken.
- Perspective rendering as required by staff, the Development Review Committee, or the Planning Commission.
- Photo Articulation of proposed physical improvements overlaid onto photos of site.
- Scaled Model upon request of the Development Review Committee or Planning Commission.

# DEVELOPMENT REVIEW



## SUPPLEMENTAL APPLICATION INFORMATION

This document will provide necessary information about the proposed project. It will also be used to evaluate potential environmental impacts created by the project. Please be as accurate and complete as possible in answering the questions. Further environmental information could be required from the applicant to evaluate the project.

**PLEASE PRINT CLEARLY OR TYPE  
 USE A SEPARATE SHEET, IF NECESSARY, TO EXPLAIN THE FOLLOWING:**

I. Project Characteristics:

A. Describe all existing buildings and uses of the property: The land is currently vacant with no buildings.

\_\_\_\_\_

\_\_\_\_\_

B. Describe surrounding land uses:

North: Retail

South: Restaurant

East: Hwy 49

West: Retail / Restaurant

C. Describe existing public or private utilities on the property: n/a

\_\_\_\_\_

\_\_\_\_\_

D. Proposed building size (if multiple stories, list the square footage for each floor): \_\_\_\_\_  
Approximately 4,365 square feet

\_\_\_\_\_

\_\_\_\_\_

E. Proposed building height (measured from average finished grade to highest point): \_\_\_\_\_  
24' 0"

F. Proposed building site plan:

(1)	Building coverage	<u>4,365</u>	Sq. Ft.	<u>11</u>	% of site
(2)	Surfaced area	<u>13,920</u>	Sq. Ft.	<u>35</u>	% of site
(3)	Landscaped area	<u>21,790</u>	Sq. Ft.	<u>54</u>	% of site
(4)	Left in open space	_____	Sq. Ft.	_____	% of site
	Total	_____	Sq. Ft.	100	%

G. Construction phasing: If the project is a portion of an overall larger project, describe future phases or extension. Show all phases on site plan. The project only involves the construction of the Sherwin Williams building and associated parking, drive aisles, etc and will be completed in one phase. There will be excess land after a Lot Line Adjustment. This excess land will be held for future development with unknown uses at this time.

H. Exterior Lighting:

1. Identify the type and location of exterior lighting that is proposed for the project. The building will have architectural sconce and cylinder lights strategically placed around the perimeter of the building. The site will contain a few parking lot pole lights.

2. Describe how new light sources will be prevented from spilling on adjacent properties or roadways. Our electrical engineer is preparing the photometric plan to show that we are not spilling onto adjacent properties or roadways.

I. Total number of parking spaces required (per Development Code): 18

J. Total number of parking spaces provided: 18

K. Will the project generate new sources of noise or expose the project to adjacent noise sources? No

L. Will the project use or dispose of any potentially hazardous materials, such as toxic substances, flammables, or explosives? If yes, please explain. The store will carry some flammable and combustible liquids, all of which will be at or below the maximum allowable quantity.

M. Will the project generate new sources of dust, smoke, odors, or fumes? If so, please explain. No

II. If an **outdoor use** is proposed as part of this project, please complete this section.

A. Type of use:

Sales \_\_\_\_\_ Processing \_\_\_\_\_ Storage \_\_\_\_\_  
Manufacturing \_\_\_\_\_ Other \_\_\_\_\_

B. Area devoted to outdoor use (shown on site plan). \_\_\_\_\_

Square feet/acres \_\_\_\_\_ Percentage of site \_\_\_\_\_

C. Describe the proposed outdoor use: \_\_\_\_\_

## SITE PLAN REQUIREMENTS DEVELOPMENT REVIEW CHECKLIST

The following list includes all the items you must submit for a complete application. Some specific types of information may not apply to your project and, as noted, some items are not normally required. If you are not sure, ask Planning Division Staff. Planning Staff will use a copy of this list to check your application for completeness after it is submitted. If your application is not complete, a copy of the list will be returned to you marked according to the legend.

### A. Application Checklist:

- One completed copy of Universal Application form.
- One completed copy of the Environmental Review Checklist (if applicable).
- Preliminary Title Report dated no later than 6 months prior to the application filing date.
- The appropriate non-refundable filing fee.

### B. Site Plan

- Fifteen (15) Copies of Plan Sets for **Major** Development Review or Eight (8) Copies of Plan Sets for **Minor** Development Review on standard 24" x 36" size paper fan-folded to 9" x 12", one (1) reduced copy at 8 1/2" x 11" and e-mail electronic .pdf version which includes the following information:
  - Neighborhood Site Plan showing surrounding development improvements and natural features within 200 feet of the project site.
  - Project Site Plan drawn to scale and indicating:
    - Dimensioned property lines, north arrow, and any easements on the site
    - Points of access, vehicular circulation, location and dimension of parking areas and spaces
    - Location and any existing structures (specifying building setbacks), including the location and use of the nearest structures on adjacent property, and an indication of structures to be removed
    - Location of any existing or proposed utilities such as water, wastewater and storm drainage
    - Location of any proposed structures and uses (including building setbacks)
    - Open space and buffer areas
    - Walkways, bicycle facilities (bike lanes, parking racks, etc), and ADA compliance facilities on the project site and providing connections to existing off site facilities
    - Pedestrian and bicycle connections to adjacent development (pursuant to the City's Community Design Guidelines)
    - Mailbox locations and trash enclosures
    - Other site features such as outdoor seating areas



- Preliminary Grading and Drainage Plan showing:
  - Existing and proposed contours using City datum (cut and fill slopes)
  - Existing drainage characteristics of the site and a proposed preliminary drainage improvements (including drop inlets, detention basins, etc.)
  - Creek flow lines and flow directions
  - Retaining wall locations, materials, and heights.
  - Locations of existing trees (over 8" in trunk diameter at breast height) and their status (species and to be removed or retained as part of the development (including preservation measures, such as fencing, pavers blocks, etc)
  - Rock outcroppings and other major natural site features
  - Location and construction of temporary and permanent erosion and sedimentation control measures
  
- Architectural Plans, including elevations of all sides of the building indicating the form and exterior treatment, overall height, roof materials, proposed exterior mechanical equipment, building lighting, building materials and colors.
  
- Conceptual Landscape Plans indicating general locations of landscaping improvements, including locations of retained trees, newly planted trees, landscape buffers and berms, retaining and/or garden walls and any hardscape areas.
  
- Cross sections: (If the project site has an average cross slope of greater than ten (10) percent). Two or more sectional views of the project, approximately through the middle and at right angles to each other, showing existing and proposed grades and relationship of buildings, parking and landscaping at maturity, including major features and structures on adjacent properties at the most severe grades at two foot intervals.
  
- Exterior Lighting Plan including locations of all light standards and placement of building lighting. This plan shall include power rating details, heights, shielding design and cut sheets lighting designs. Include a photo-metric lighting plan, overlaid onto the project site plan, showing lighting levels across the entire site and at property lines.
  
- Schematic Floor Plan showing interior building layouts, rooms or use areas, square footages of bedrooms, entrances and relationship to exterior use areas.
  
- Signs: Note if to be submitted under separate permit or include general locations of contemplated signage on building or grounds should be included. Additional details, such as sign construction and materials should also be included, if available. If a major feature of the project involves signage, then the following additional information should be included in the package:
  - Dimensions and square footage of all signs.
  - Dimensions and square footage of building walls on which signs are located.
  - Means of lighting.
  - Heights of all signs.
  - Message that will appear on each sign.
  - Description of materials and colors for letters and background.
  - A scaled drawing of each sign showing typeface and design details.

- Color Architectural Elevations: One copy reduced to 8 ½" x 11" colored architectural elevations.
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- Photo Articulation of proposed physical improvements overlaid onto photos of site.
- Scaled Model upon request of the Development Review Committee or Planning Commission.

# TENTATIVE BOUNDARY LINE ADJUSTMENT

BEING A PORTION OF THE OF N.W. 1/4 OF SECTION 24, T. 16 N., R. 8 E., M.D.M.,  
CITY OF GRASS VALLEY, COUNTY OF NEVADA, CALIFORNIA.  
JANUARY, 2024 SCALE: 1"=50'

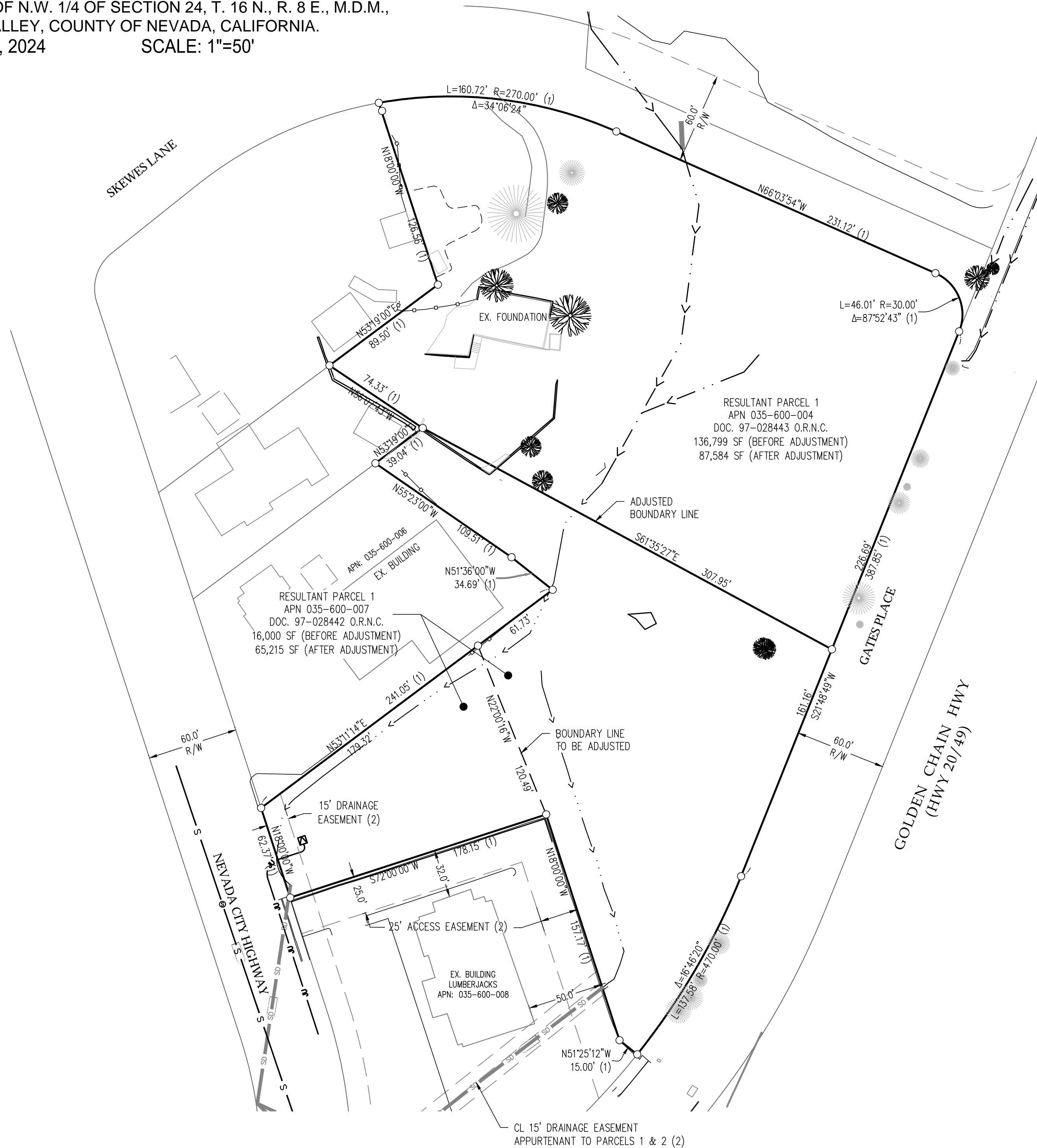
## SITE INFORMATION:

**PROPERTY ADDRESS**  
NEVADA CITY HIGHWAY/ GATES PLACE  
GRASS VALLEY, CA 95945

**APPLICANT**  
McWHIRTER REALTY PARTNERS  
3100 PINEBROOK RD, STE 2600A  
PARK CITY, UT 84098

**OWNER**  
PENDOLA ENTERPRISES INC  
POB 1307  
GRASS VALLEY, CA 95945

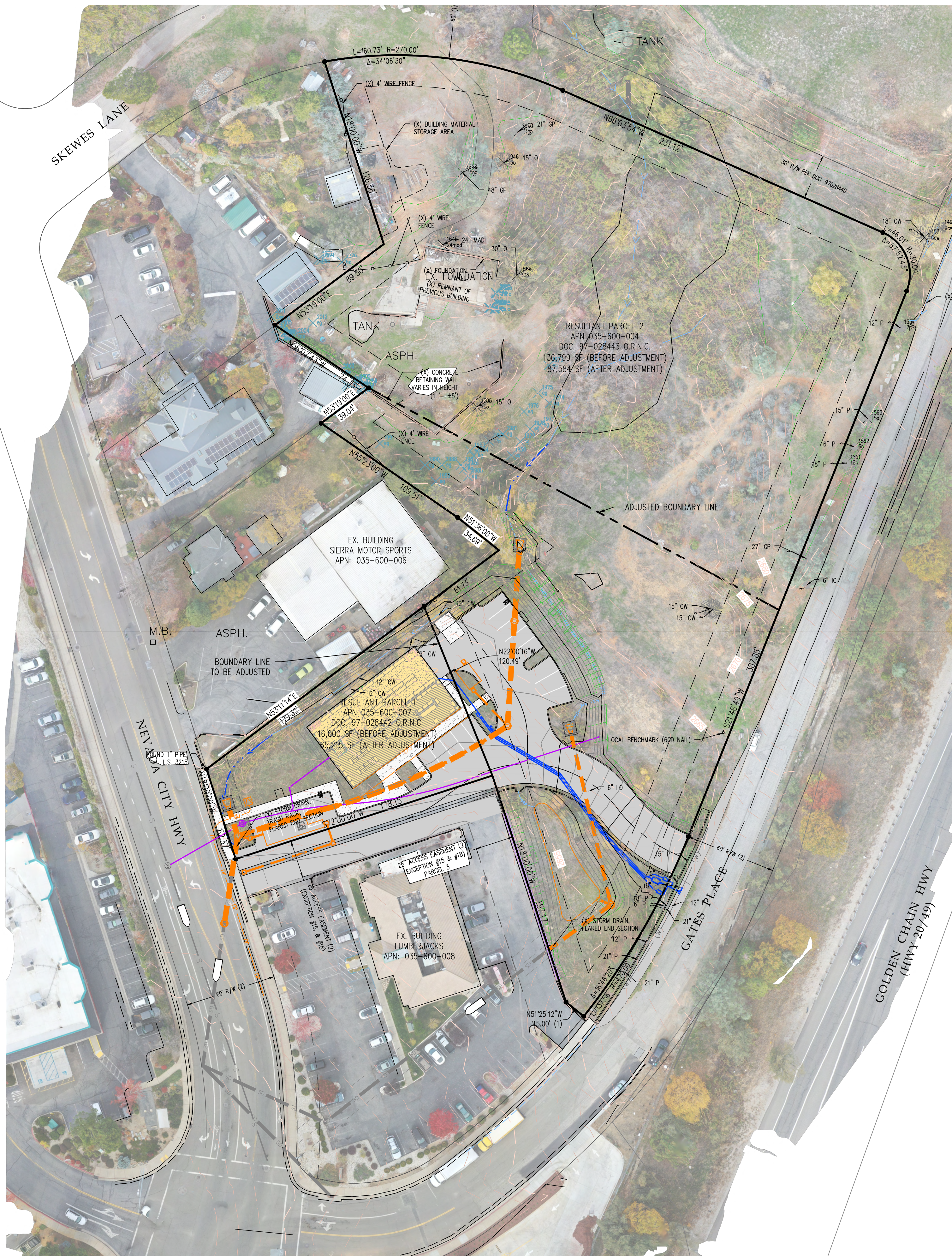
**MAP PREPARED BY**  
SCO PLANNING & ENGINEERING, INC.  
140 LITTON DRIVE, SUITE 240  
GRASS VALLEY, CA 95645  
(530) 272-5841  
CONTACT: MARTIN WOOD, P.L.S.  
**ASSESSOR'S PARCEL NUMBER**  
035-600-004; -007



- LEGEND:**
- SET 5/8" REBAR W/ CAP, STAMPED "P.L.S. 8321"
  - DIMENSION POINT
  - FOUND MONUMENT AS NOTED
  - I.P. IRON PIPE
  - O.R.N.C. OFFICIAL RECORDS OF NEVADA COUNTY
  - (1) BK 12 PG 25 OF SURVEYS, O.R.N.C.
  - (2) BK 17 PG 87 OF PARCEL MAPS, O.R.N.C.







SITE STATISTICS			
	SF	AC	%
Buildings	4,365	0.10	6.69%
AC	12,170	0.28	18.66%
Concrete	1,750	0.04	2.68%
Landscape	46,930	1.08	71.96%
	65,215	1.50	100.00%

**SITE INFORMATION:**

**PROPERTY ADDRESS**  
 NEVADA CITY HIGHWAY/ GATES PLACE  
 GRASS VALLEY, CA 95945

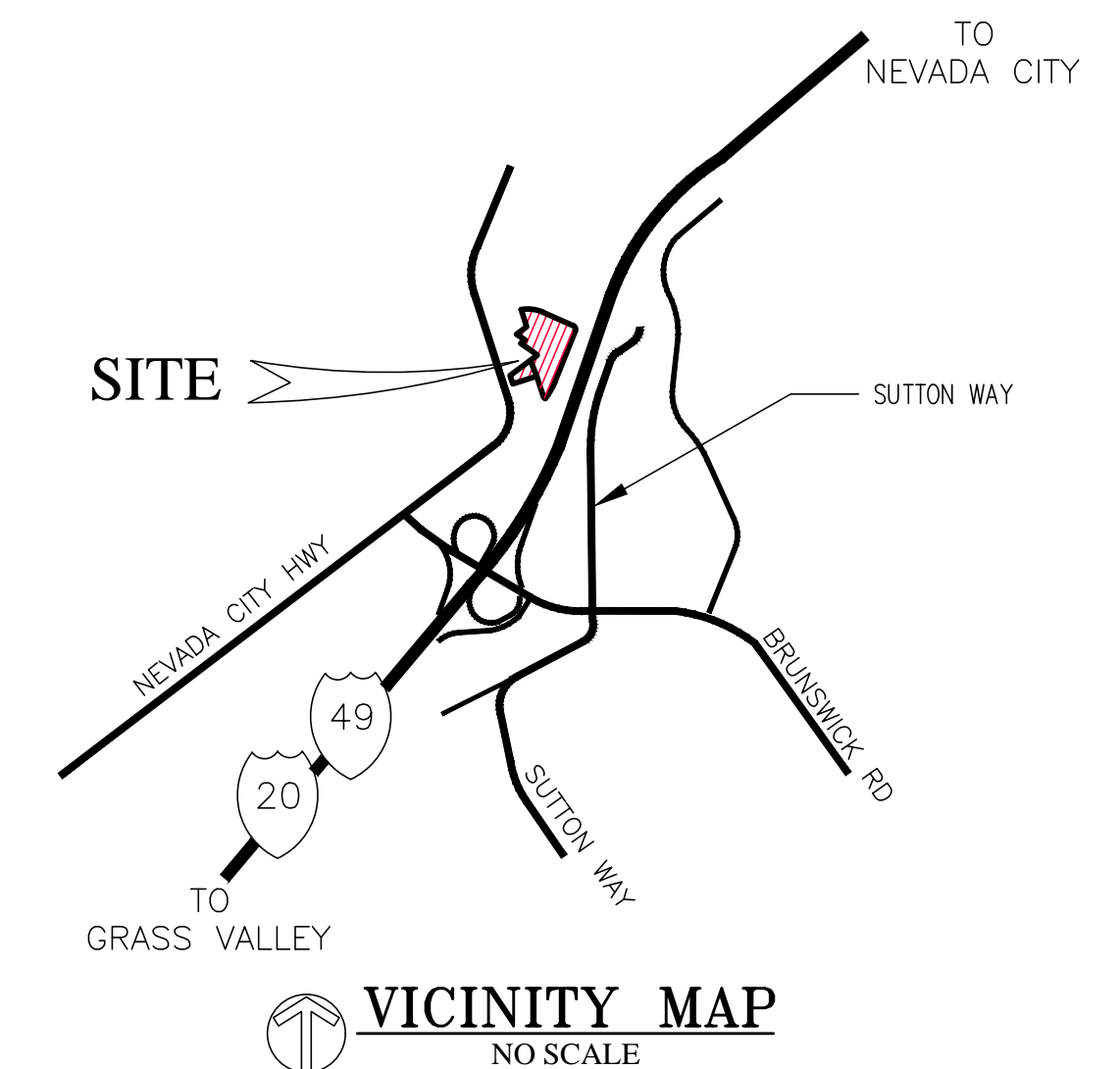
**APPLICANT**  
 McWHIRTER REALTY PARTNERS  
 3100 PINEBROOK RD, STE 2600A  
 PARK CITY, UT 84098

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 PENDOLA ENTERPRISES INC  
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**ASSESSOR'S PARCEL NUMBER**  
 035-600-004; -007

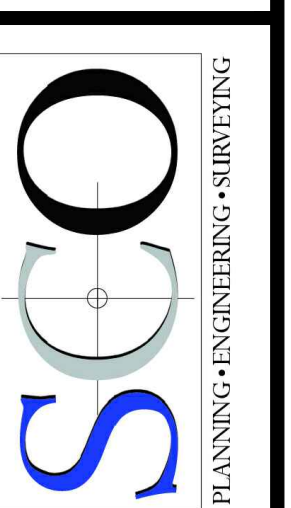
**LOT AREA**  
 3.14 AC; 0.37 AC (BEFORE LLA)  
 1.50 AC (PER LLA)



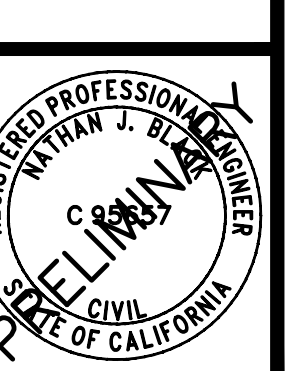
DESIGNED: MDW/ NUB  
 DRAWN: MDW  
 PROJ. NO: 202345  
 DATE: FEBRUARY, 2024  
 DWG: SEE DAY STAMP

NO.	REVISIONS	DATE

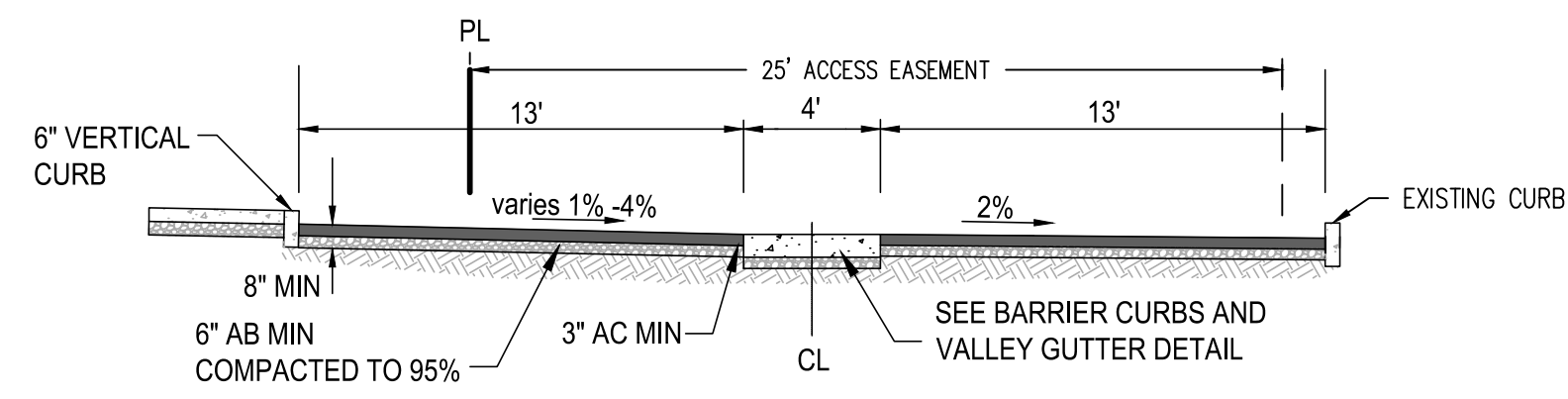
DEVELOPMENT REVIEW  
 SHERWIN WILLIAMS  
 OVERALL SITE PLAN  
 TOWN/CITY/COUNTY CALIFORNIA



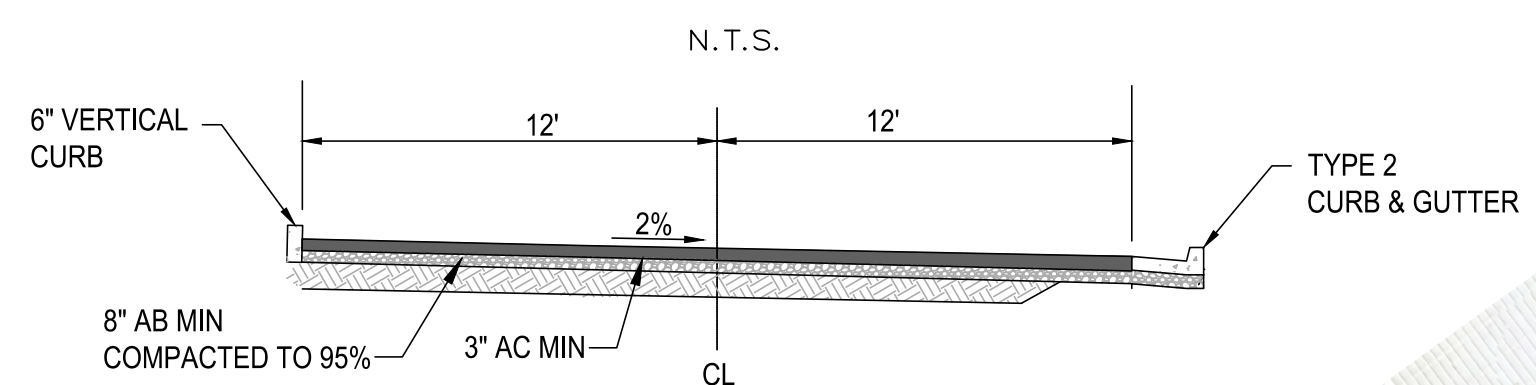
GRASS VALLEY  
 (530) 272-5841  
 TRUCKEE  
 (530) 582-4043







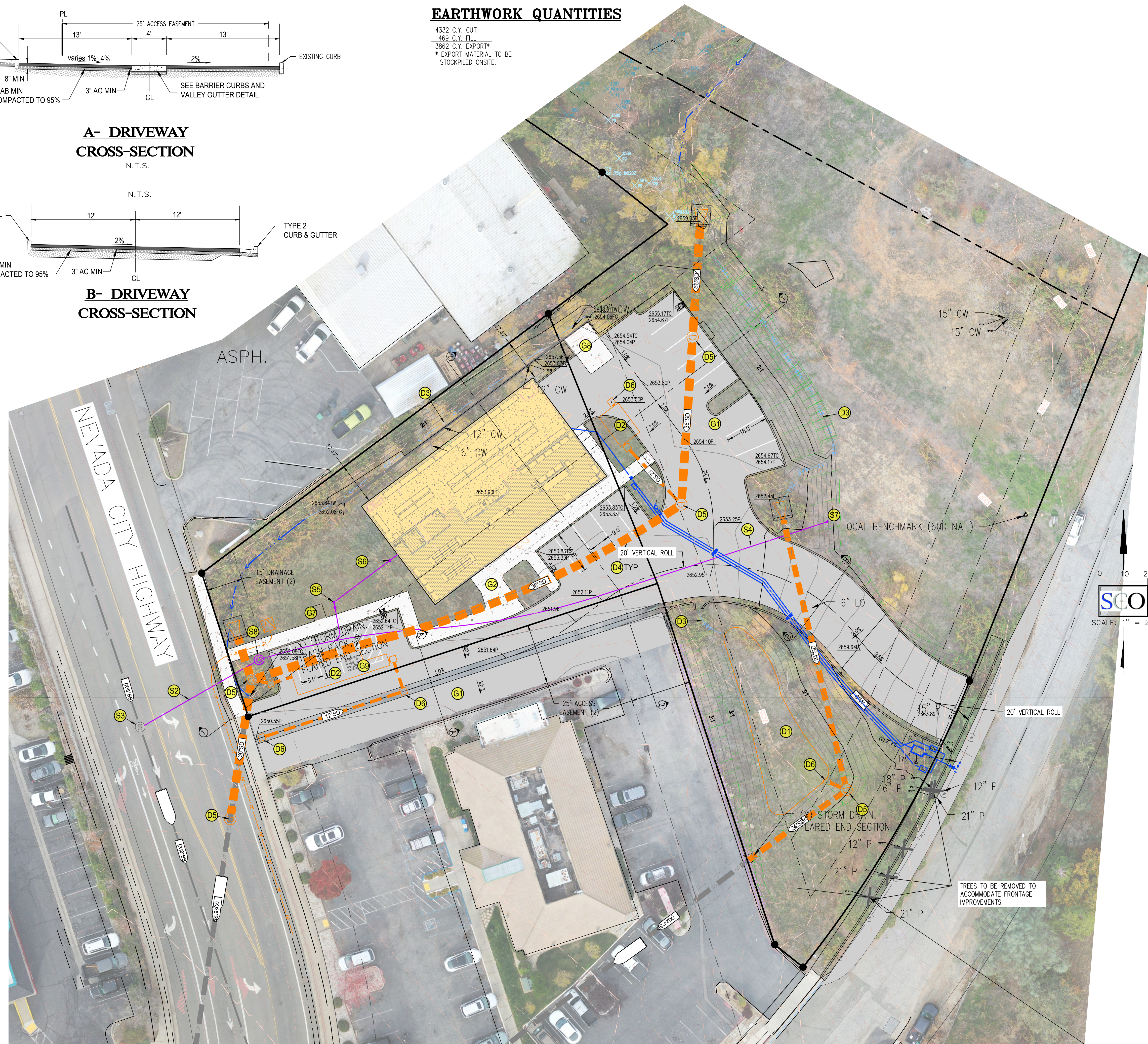
**A- DRIVEWAY CROSS-SECTION**  
N.T.S.



**B- DRIVEWAY CROSS-SECTION**  
N.T.S.

**EARTHWORK QUANTITIES**

4332 C.Y. CUT  
469 C.Y. FILL  
3862 C.Y. EXPORT\*  
\* EXPORT MATERIAL TO BE STOCKPILED ONSITE.



**LEGEND**

- 8" W
- 18" SD
- 8" SS
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 
- 

**DRAINAGE NOTES**

- D1 - RETENTION POND
- D2 - STORMTECH DRAINAGE CHAMBER
- D3 - TYPE 1R V-DITCH
- D4 - HDPE STORM DRAIN (SIZE AS SHOWN)
- D5 - STORM DRAIN MANHOLE
- D6 - STORM DRAIN INLET

**SEWER NOTES**

- S1 - 6" SEWER MAIN
- S2 - CONNECT TO EXISTING MANHOLE
- S3 - SANITARY SEWER MANHOLE
- S4 - SERVICE LATERAL
- S5 - CLEANOUT TO GRADE AND BACKFLOW DEVICE
- S6 - CLEANOUT TO GRADE WITHIN 5' OF BUILDING
- S7 - END OF LINE CLEANOUT

**WATER NOTES**

- W1 - CONNECT TO EXISTING MAIN
- W2 - IRRIGATION METER AND BACKFLOW DEVICE
- W3 - DOMESTIC METER
- W4 - FIRE HYDRANT

**DRY UTILITY NOTES**

- U1 - JOINT UTILITY TRENCH
- U2 - TRANSFORMER

**GENERAL NOTES**

- G1 - ASPHALT CONCRETE PAVING
- G2 - CONCRETE FLATWORK
- G3 - CONCRETE CURB AND GUTTER
- G4 - CONCRETE VALLEY GUTTER
- G5 - VERTICAL CURB
- G6 - CONCRETE OR BLOCK WALL TO HEIGHTS SHOWN
- G7 - BIKE PARKING AREA
- G8 - TRASH ENCLOSURE
- G9 - ADA PARKING AREA

DESIGNED: MDW/ NUB	DATE	NO. REVISIONS	DATE
DRAWN: MDW			
PROJ. NO: 202345			
DATE: FEBRUARY, 2024			
DWG: SEE DAY STAMP			

DEVELOPMENT REVIEW  
**SHERWIN WILLIAMS**  
PRELIMINARY GRADING, DRAINAGE, UTILITY PLAN  
TOWN/CITY/COUNTY CALIFORNIA




SCO  
PLANNING • ENGINEERING • SURVEYING

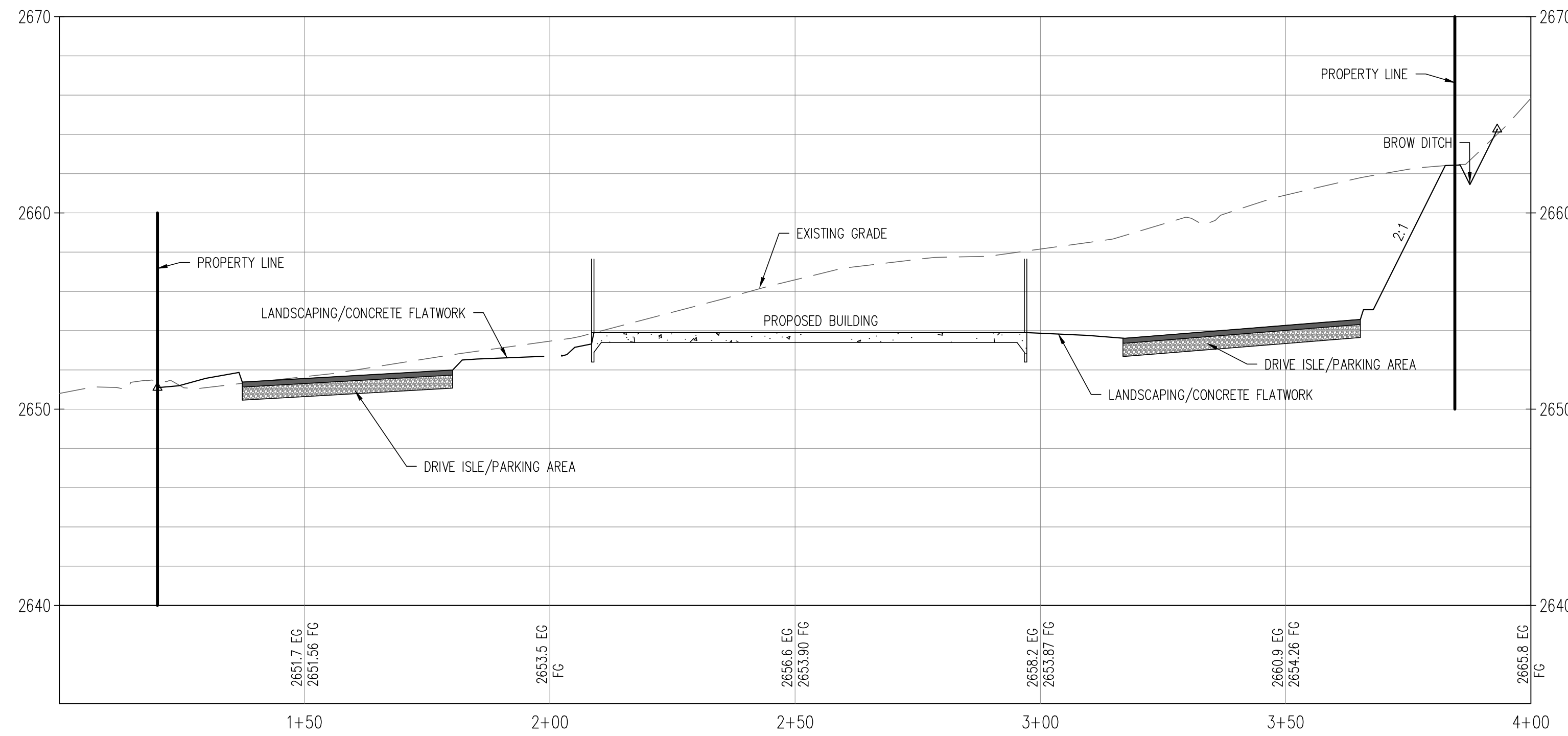
GRASS VALLEY  
(530) 272-5841  
TRUCKEE  
(530) 582-4043

**2 OF 3**

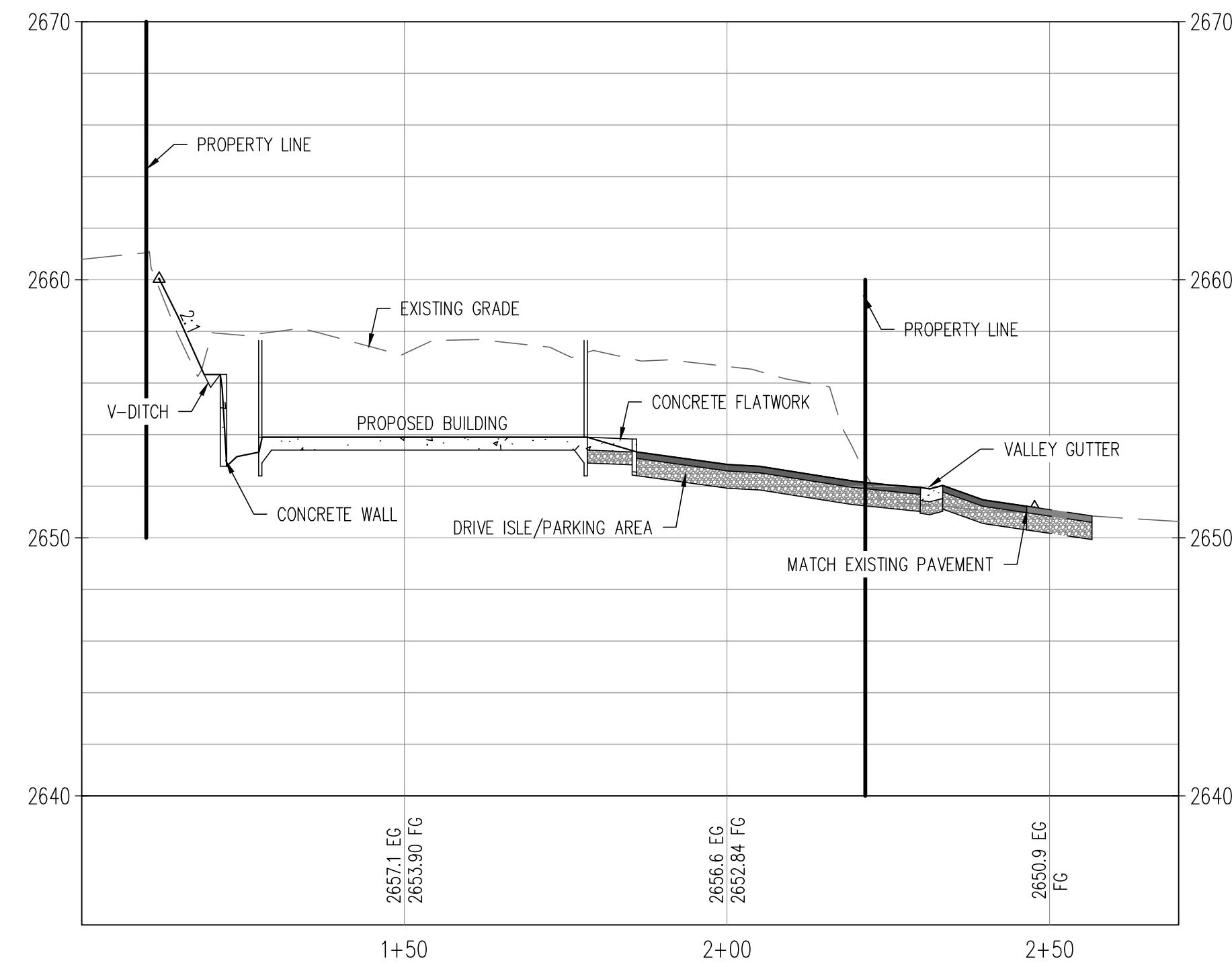


**LEGEND**

-  PROPERTY LINE
-  CONCRETE HARDSCAPE
-  ASPHALT PAVEMENT



**PROFILE VIEW**  
**SITE SECTION WEST EAST 1-1, STA: 1+00 - 4+00**  
 SCALE: 1" = 20' HORIZ.  
 1" = 5' VERT.

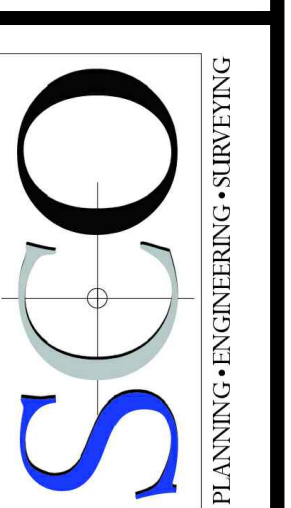


**PROFILE VIEW**  
**SITE SECTION NORTH SOUTH 2-2, STA: 1+00 - 2+70**  
 SCALE: 1" = 20' HORIZ.  
 1" = 5' VERT.

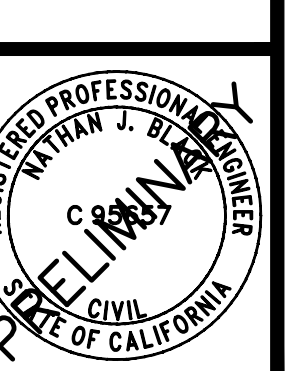
DESIGNED: MDW/ NUB
DRAWN: MDW
PROJ. NO: 202345
DATE: FEBRUARY, 2024
DWG: SEE DAY STAMP

NO.	REVISIONS	DATE

DEVELOPMENT REVIEW  
**SHERWIN WILLIAMS**  
 SITE SECTIONS  
 TOWN/CITY/COUNTY CALIFORNIA



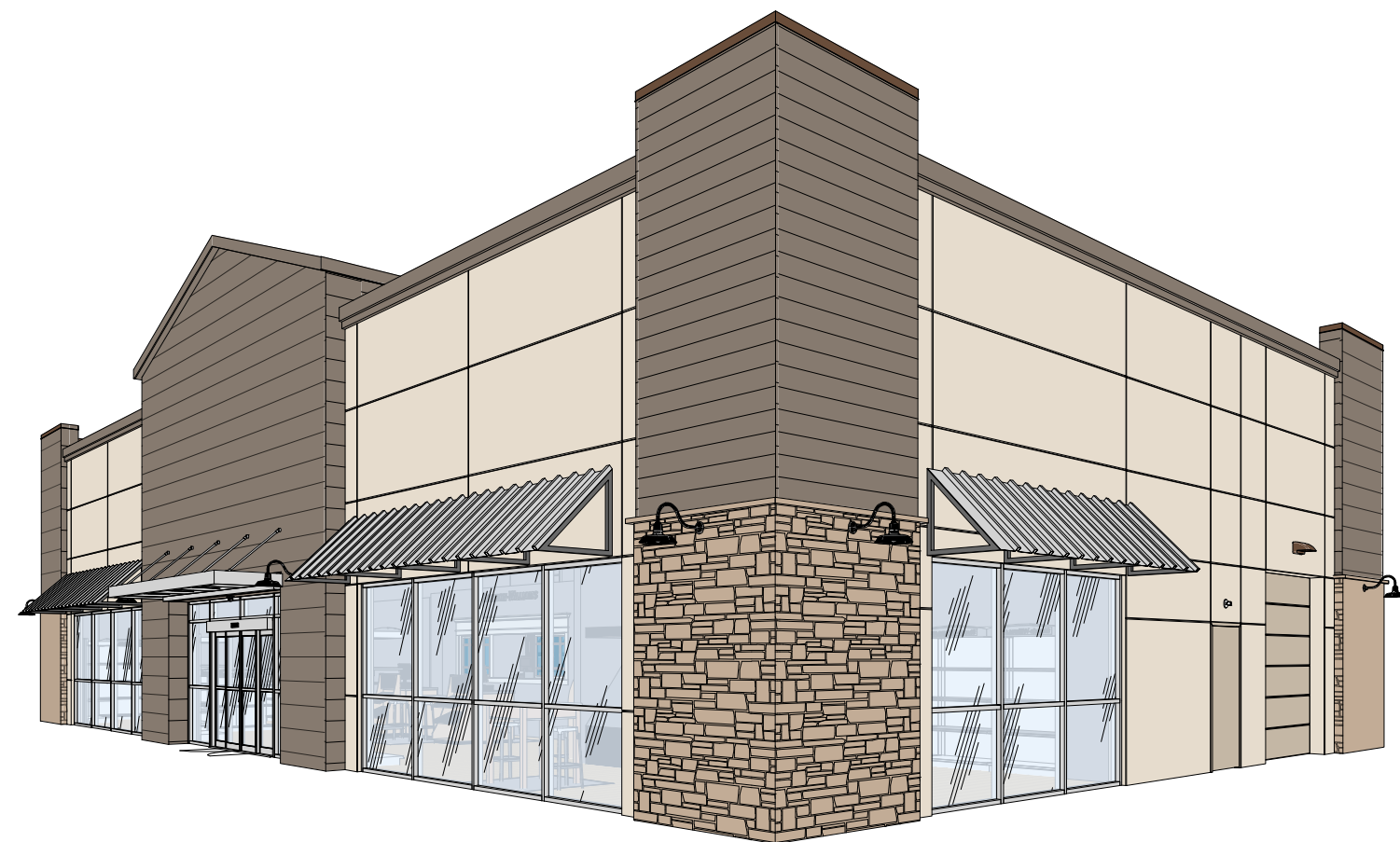
GRASS VALLEY  
 (530) 272-5841  
 TRUCKEE  
 (530) 582-4043



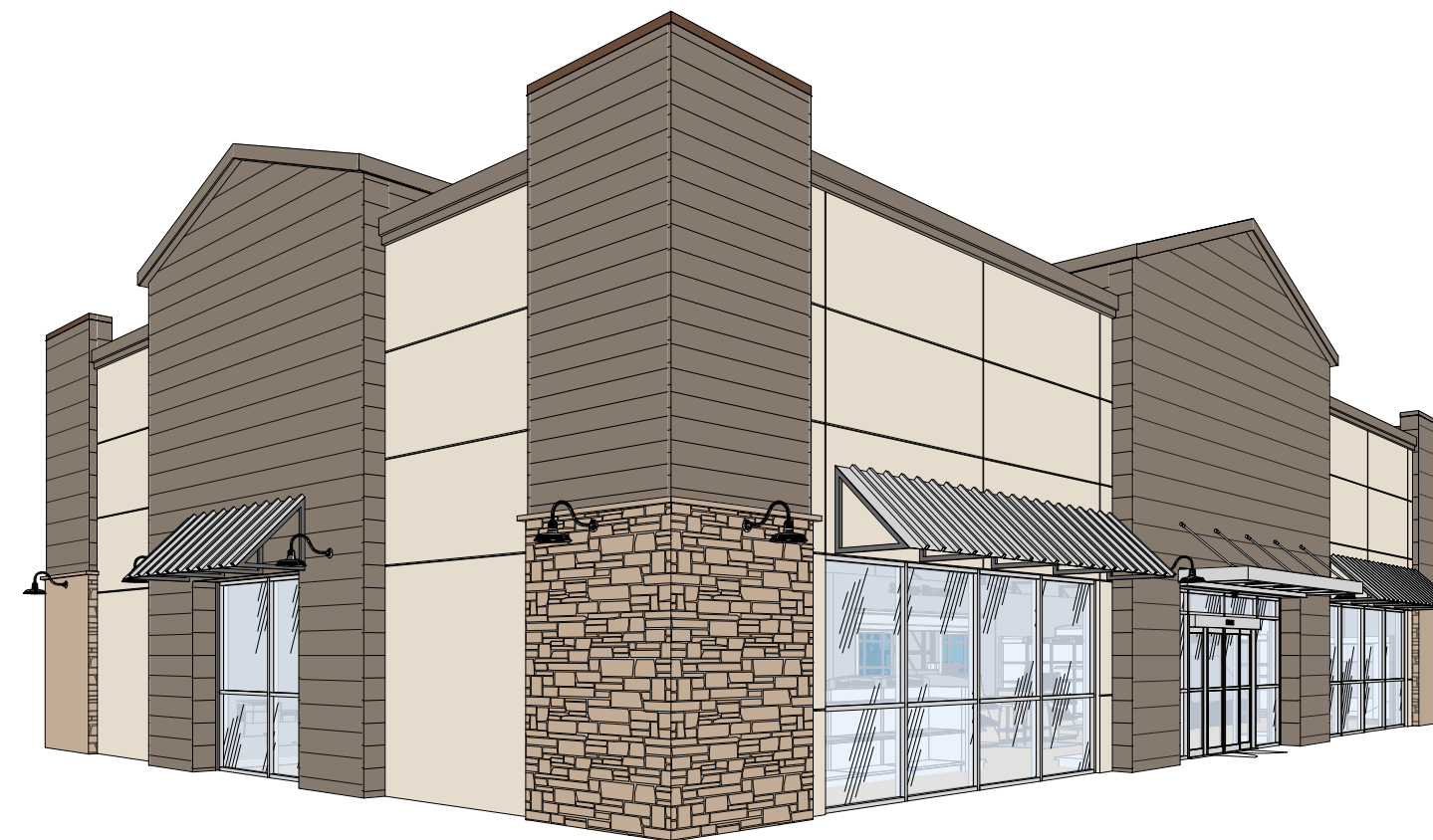


# SHERWIN WILLIAMS

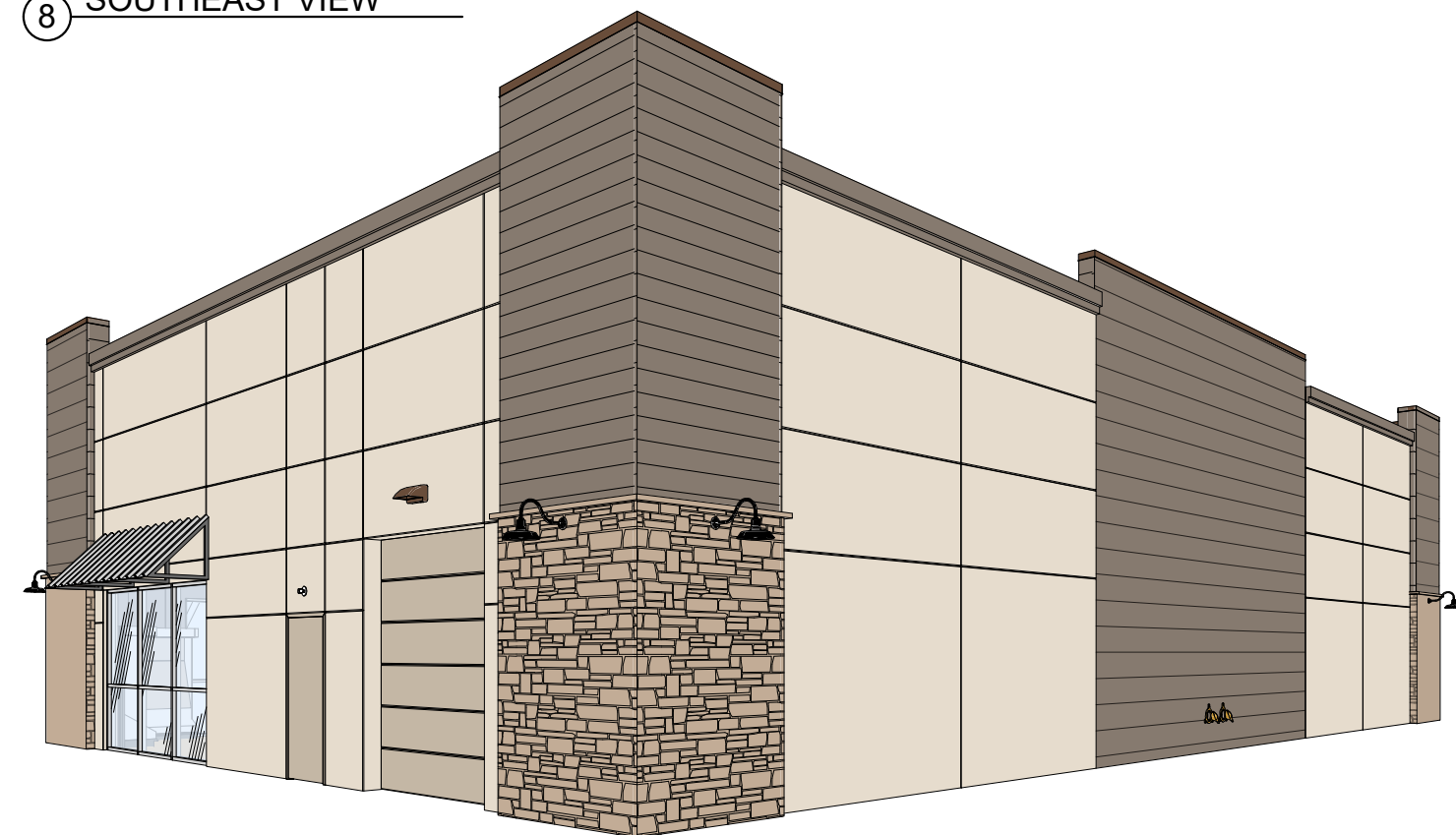
GRASS VALLEY, CA



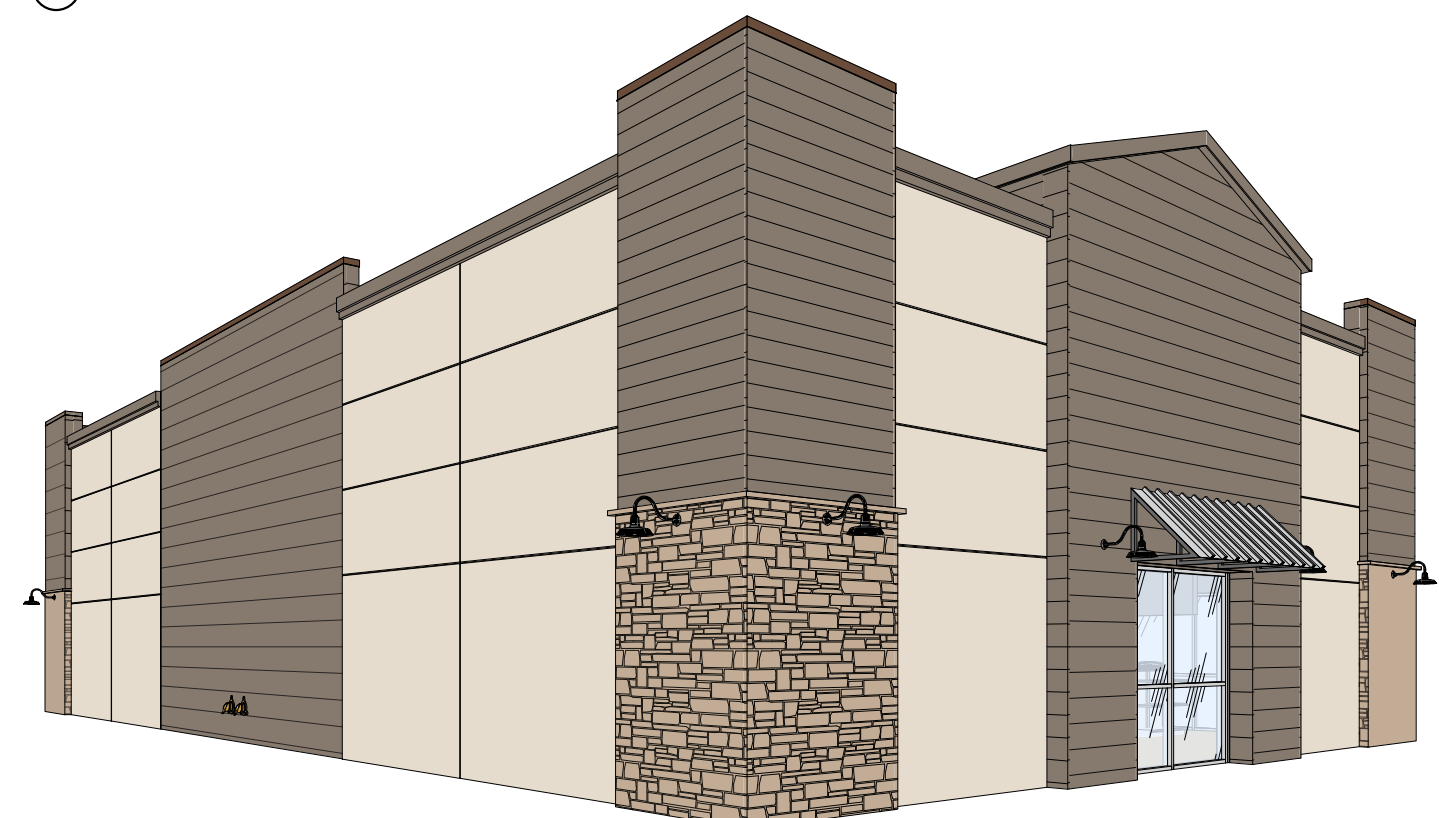
8 SOUTHEAST VIEW



9 SOUTHWEST VIEW



6 NORTHEAST VIEW



7 NORTHWEST VIEW

EXTERIOR FINISH SCHEDULE			
MARK	DESCRIPTION	MANUFACTURER & SPEC	SAMPLE
E-1 (P-1)	EIFS - FIELD (PAINT)	DRYVIT SERIES: OUTSULATION PLUS MD TEXTURE: SANDPEBBLE FINE COLOR: SHERWIN-WILLIAMS SW 7506 LOGGIA	
E-2 (P-2)	EIFS - BAY (PAINT)	DRYVIT SERIES: OUTSULATION PLUS MD TEXTURE: SANDPEBBLE FINE COLOR: SHERWIN-WILLIAMS SW 6105 DIVINE WHITE	
E-3 (P-3)	EIFS - BAY (PAINT)	DRYVIT SERIES: OUTSULATION PLUS MD TEXTURE: SANDPEBBLE FINE COLOR: SHERWIN-WILLIAMS SW 7025 BACKDROP	
S-1	FC SIDING	JAMES HARDIE SERIES: HARDIE ARTISAN SIDING PRODUCT: ARTISAN SQUARE CH COLOR: PRIMED	
S-2	FASCIA	JAMES HARDIE SERIES: HARDIE ARTISAN SIDING PRODUCT: ARTISAN SQUARE CH COLOR: PRIMED	
V-1	STONE VENEER	STACKED STONE COLOR: ALDERWOOD TEXTURE: CHISELED FACE	
M-1	ANODIZED ALUMINUM	COLOR: CLEAR ALUMINUM (STOREFRONT & AWNINGS TO MATCH)	
M-2	ANODIZED ALUMINUM	COLOR: DARK BRONZE (PARAPET COPING)	
M-3	STANDING METAL SEAM	COLOR: SILVER	

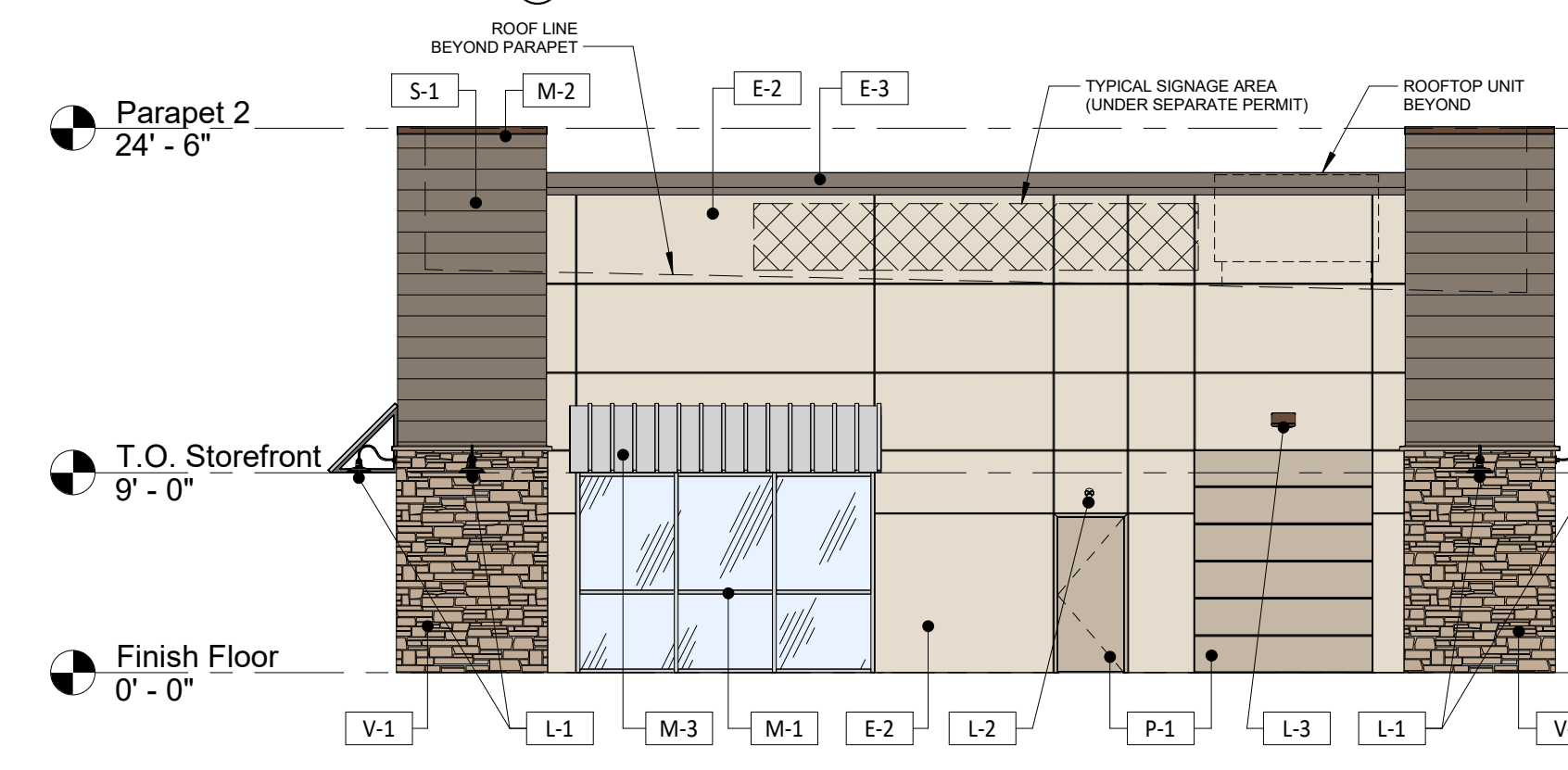
LINGLE DESIGN GROUP, INC.  
 LINGLEDESIGNGROUP, INC  
 158 WEST MAIN STREET  
 LENA, IL 61048  
 815.369.9155  
 1764 BLAKE ST  
 DENVER, CO 80202  
 303.974.5875  
 WWW.LINGLEDESIGN.COM

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 1/31/2024

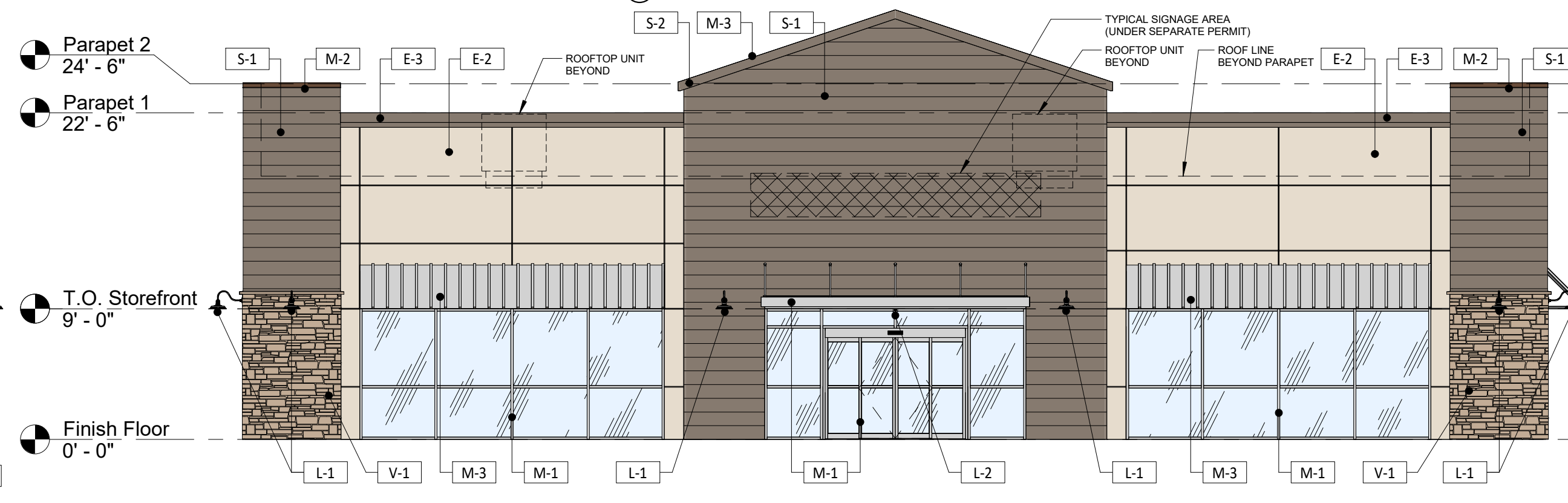
PROJECT #  
 TBD  
 DRAWN BY: BA CHECKED BY: MP

EXTERIOR LIGHTING SCHEDULE		
MARK	DESCRIPTION	MANUFACTURER & SPEC
L-1	GOOSENECK LIGHT	BARN LIGHT THE ORIGINAL WAREHOUSE GOOSENECK LIGHT INTEGRATED LED COLOR: BLACK
L-2	EMERGENCY LIGHTING	SURE-LITES SELW 25WH WALL MOUNTED DISTRIBUTION: DOWN COLOR: WHITE
L-3	WALL PACK	GE CURRENT EVOLVE EWLS L SERIES DISTRIBUTION: DOWN COLOR: BRONZE
L-4	SITE LIGHTING	LSI INDUSTRIES MIRANDA SMALL AREA MRS MRS-LED-15L-SIL-3-40-70CRI-IH FINISH: BLK BLACK

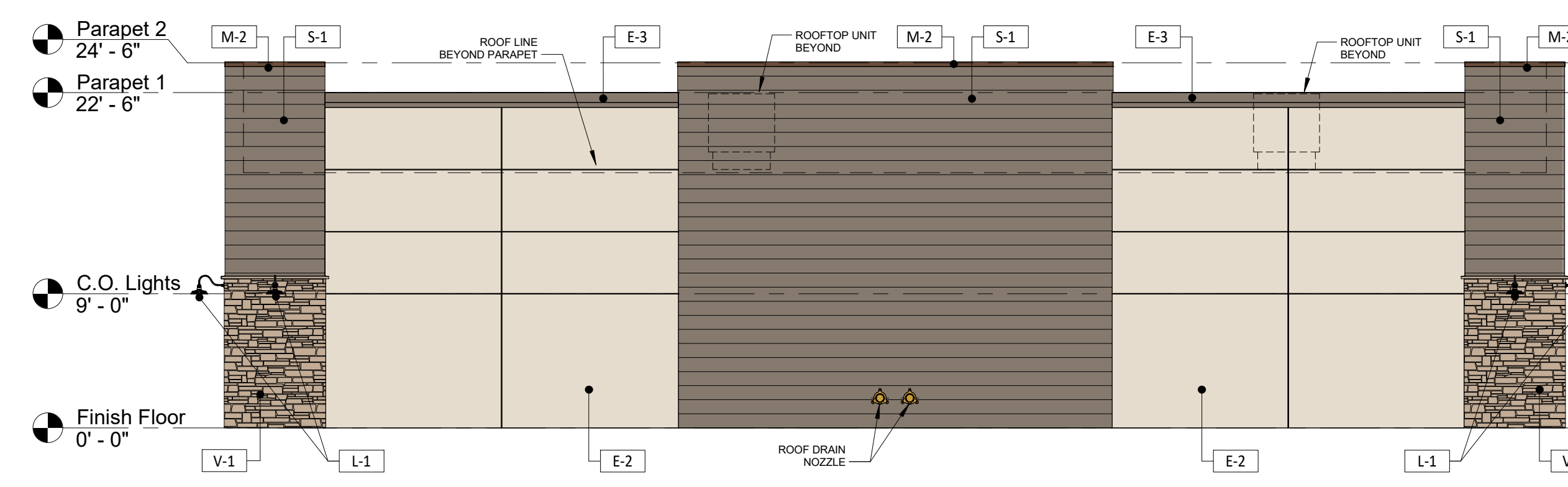
SCHEMATIC ELEVATIONS - 1/31/2024  
 △ -  
 △ -  
 △ -  
 △ -  
 △ -  
 △ -



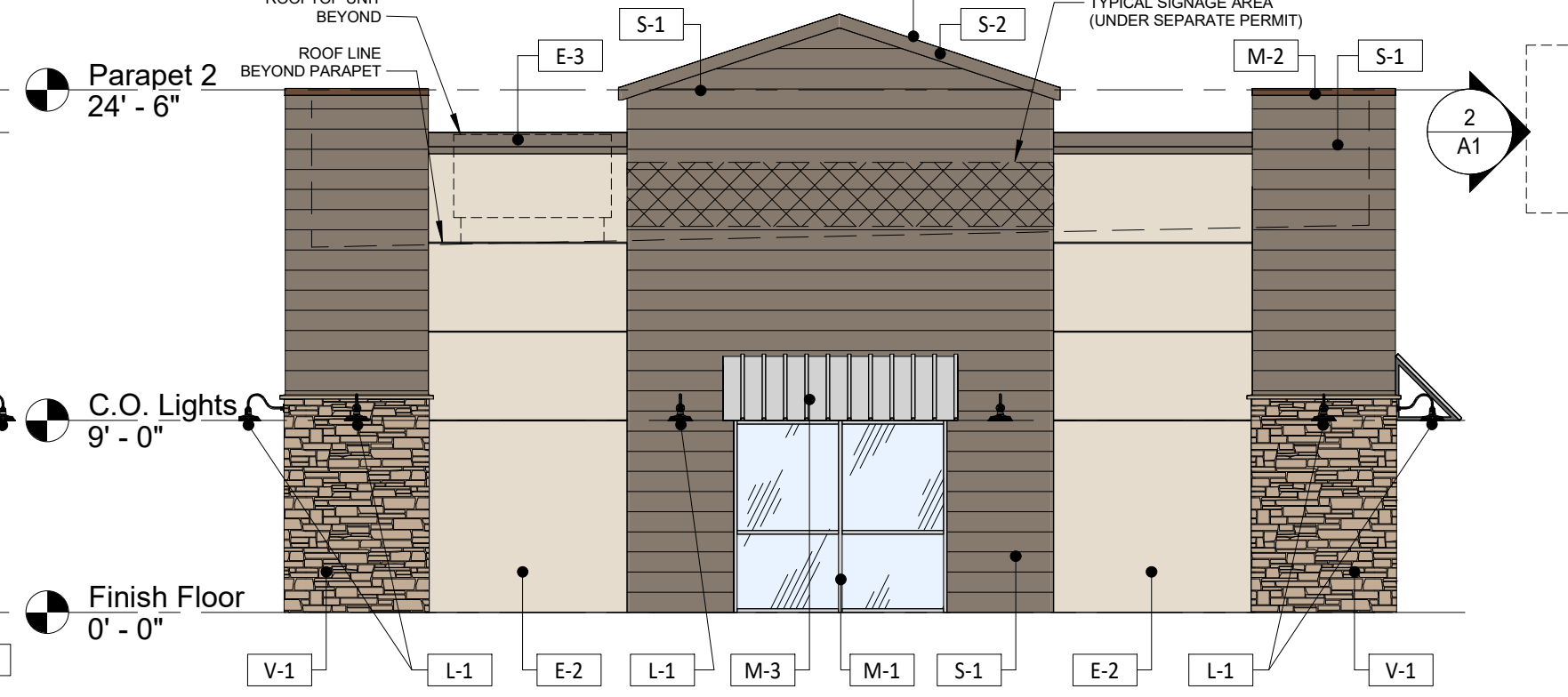
4 EAST ELEVATION  
 1/8" = 1'-0"



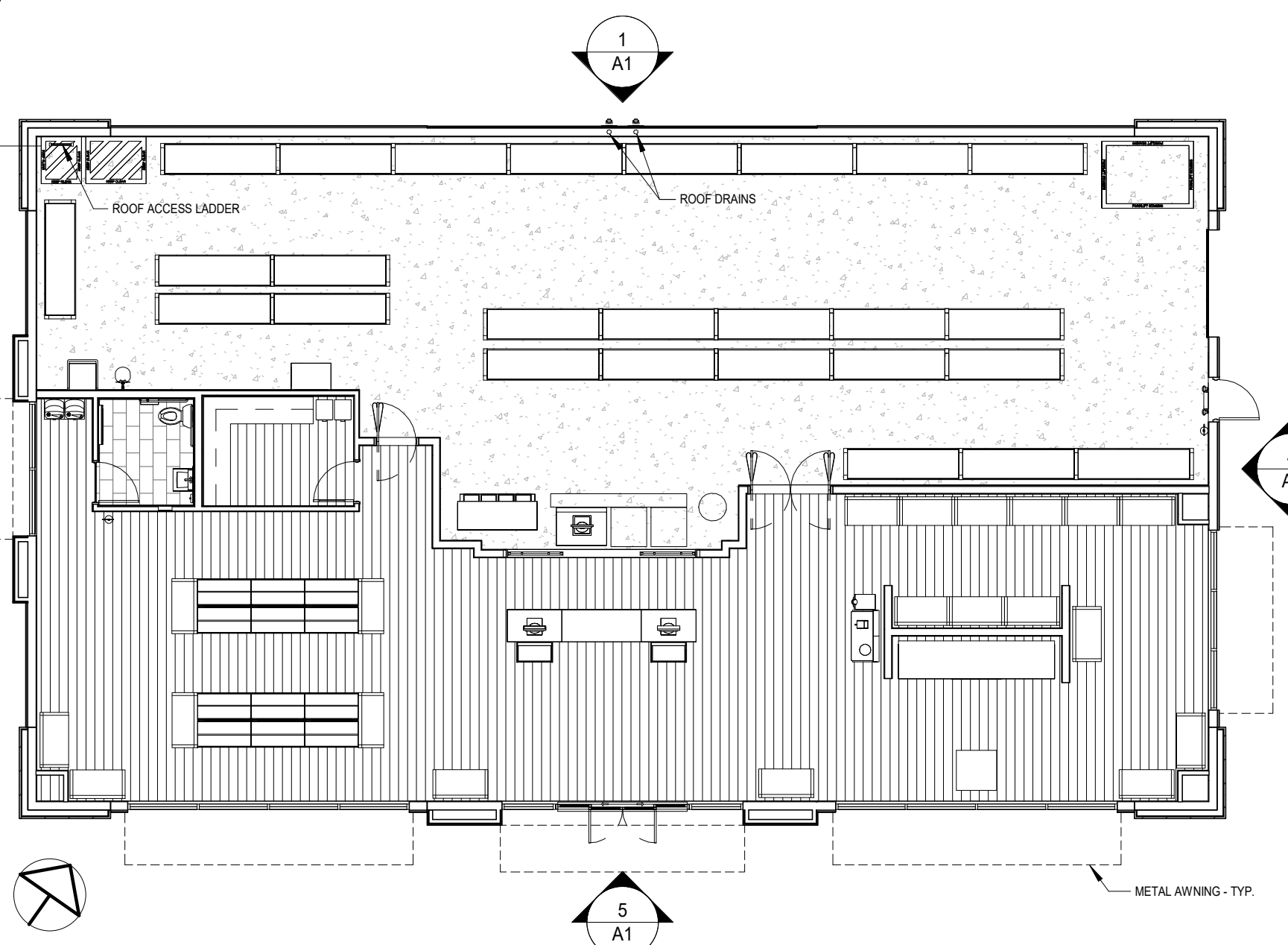
5 SOUTH ELEVATION  
 1/8" = 1'-0"



1 NORTH ELEVATION  
 1/8" = 1'-0"



2 WEST ELEVATION  
 1/8" = 1'-0"



3 FLOOR PLAN  
 3/32" = 1'-0"

## SHERWIN WILLIAMS

STORE #  
 XXXX  
 ADDRESS:

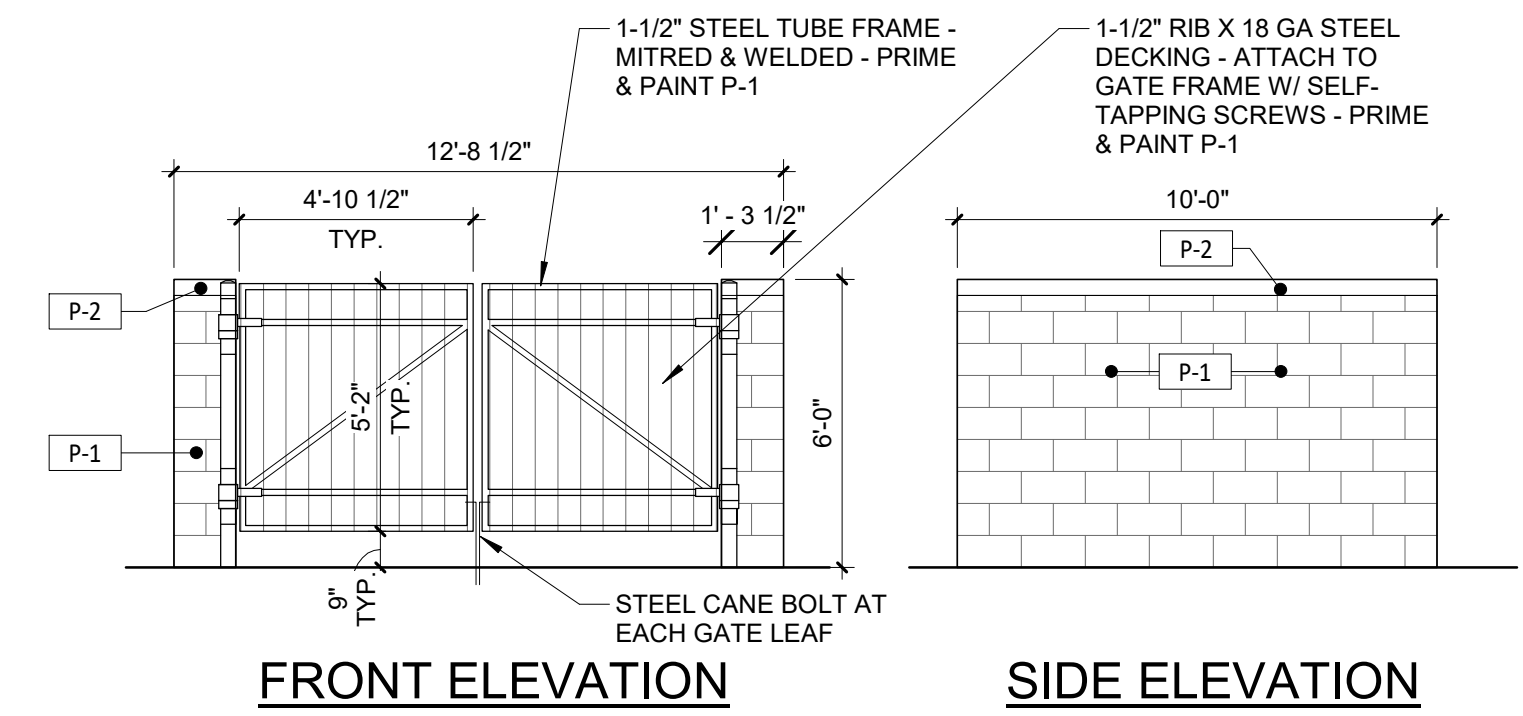
GRASS VALLEY, CA

SHEET TITLE:  
 SCHEMATIC FLOOR PLAN & ELEVATIONS

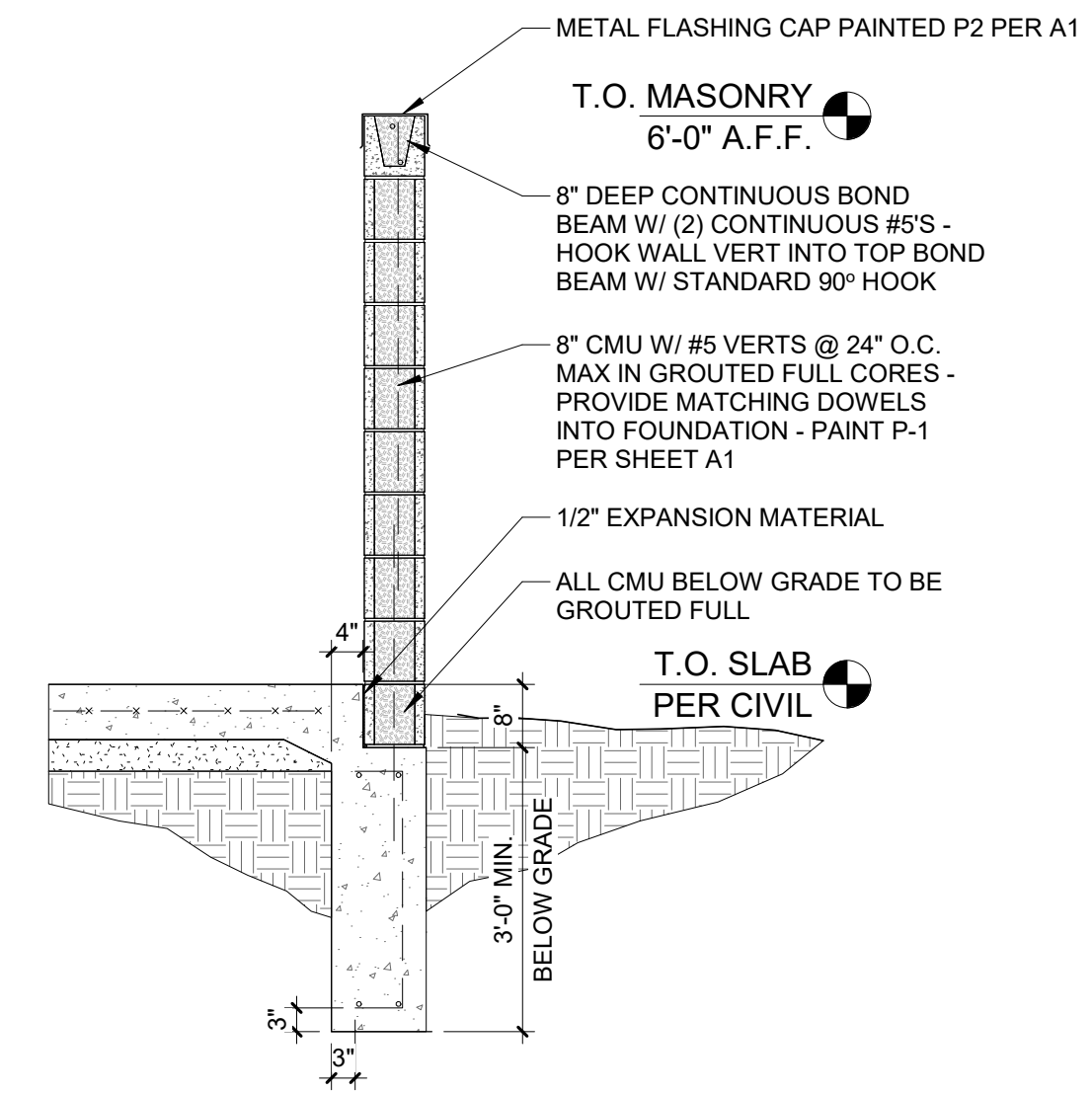
SHEET NUMBER:

A1

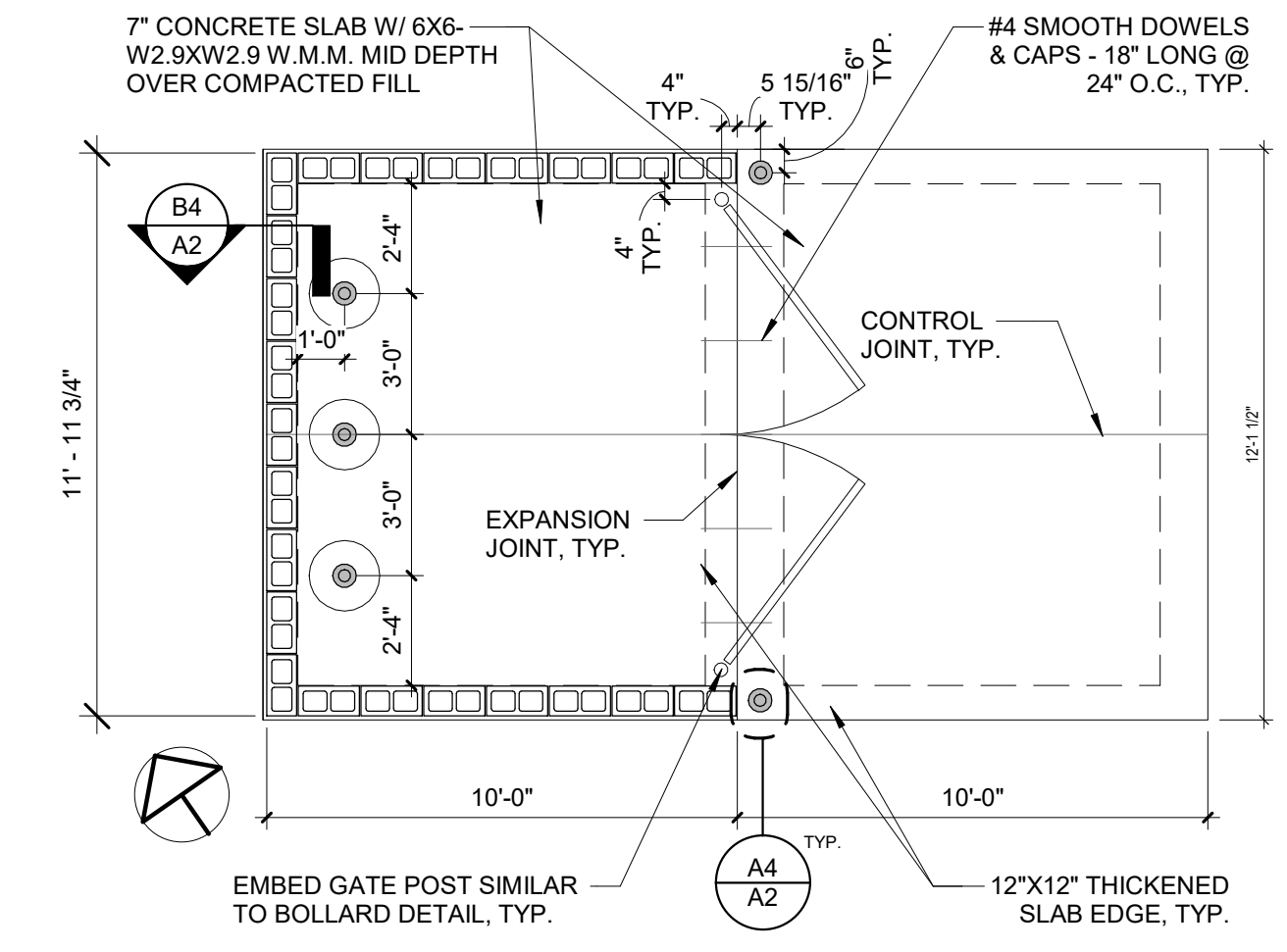




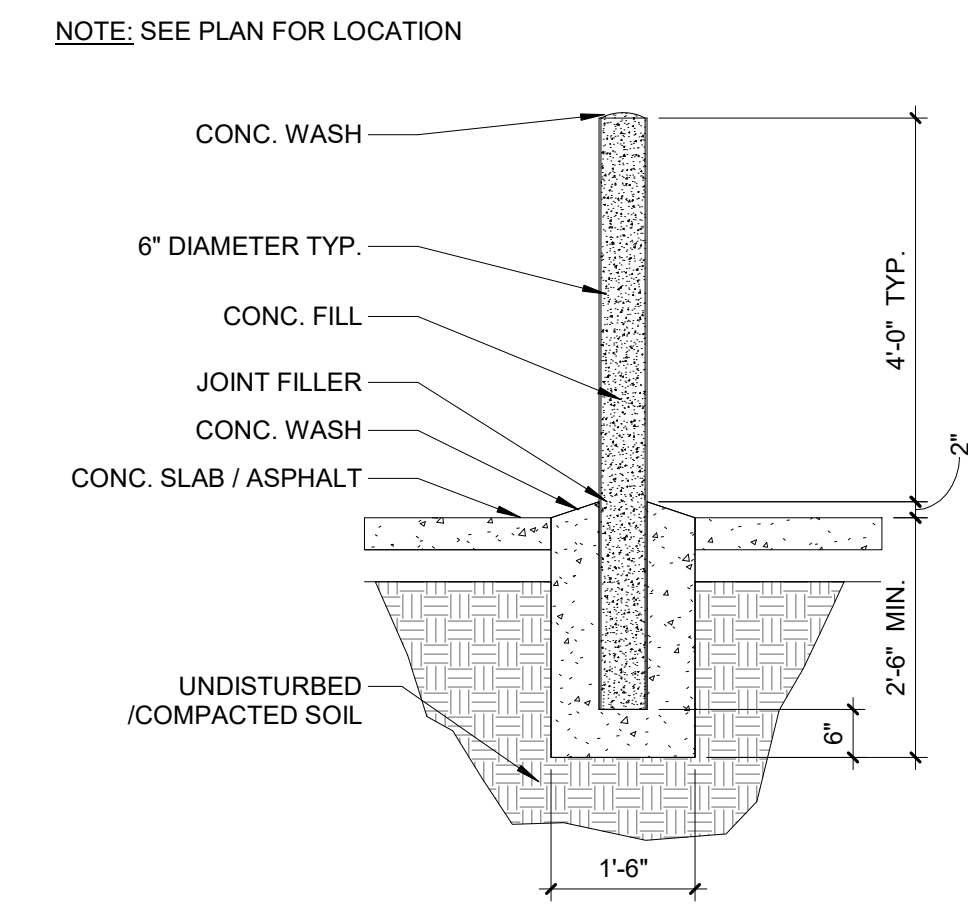
FRONT ELEVATION  
 SIDE ELEVATION  
 TRASH ENCLOSURE ELEVATIONS  
 1/4" = 1'-0"



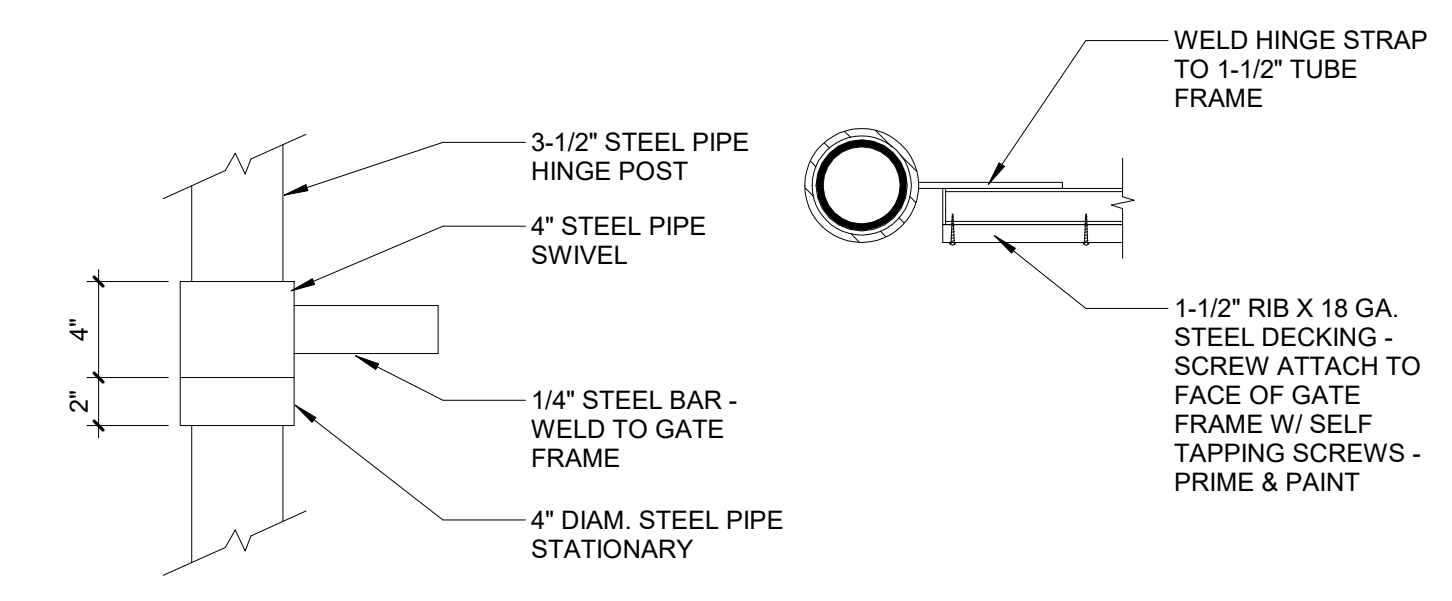
TRASH ENCLOSURE WALL SECTION  
 1/2" = 1'-0"



TRASH ENCLOSURE PLAN  
 1/4" = 1'-0"



BOLLARD DETAIL  
 1/2" = 1'-0"



HINGE DETAIL  
 1 1/2" = 1'-0"

NOTE: SEE PLAN FOR LOCATION





**PLANT SCHEDULE**

SYMBOL	QTY	BOTANICAL / COMMON NAME	CONT	WUCOLS
<b>TREES</b>				
	10	Cercis canadensis 'Oklahoma' / Eastern Redbud (Standard)	15 gal.	Low
	6	Quercus douglasii / Blue Oak	15 gal.	Low
	3	Zelkova serrata 'Village Green' / Sawleaf Zelkova	15 gal.	Moderate
<b>SHRUBS</b>				
	29	Arctostaphylos densiflora 'Harmony' / Harmony Vine Hill Manzanita	5 gal.	Low
	31	Arctostaphylos x 'Sunset' / Sunset Manzanita	5 gal.	Low
	11	Berberis thunbergii 'Monomb' TM / Cherry Bomb Japanese Barberry	5 gal.	Low
	63	Calamagrostis x acutiflora 'Karl Foerster' / Karl Foerster Feather Reed Grass	1 gal.	Low
	52	Callistemon viminalis 'Little John' / Little John Weeping Bottlebrush	5 gal.	Low
	21	Ceanothus x 'Julia Phelps' / Julia Phelps Wild Lilac	5 gal.	Low
	13	Cistus x purpureus / Orchid Rockrose	5 gal.	Low
	9	Heteromeles arbutifolia / Toyon	5 gal.	Low
	32	Phormium tenax 'Firebird' / Fire Bird Flax	5 gal.	Low
	31	Yucca x 'Bright Star' / Variegated Spanish Dagger	5 gal.	Low

SYMBOL	QTY	BOTANICAL / COMMON NAME	CONT	WUCOLS	SPACING
<b>GROUND COVERS</b>					
	45	Arctostaphylos x 'Emerald Carpet' / Emerald Carpet Manzanita	1 gal.	Low	60" o.c.
	20	Lavandula angustifolia 'Munstead' / Munstead English Lavender	1 gal.	Low	36" o.c.
	121	Leymus condensatus 'Canyon Prince' / Canyon Prince Giant Wild Rye	1 gal.	Low	42" o.c.
	77	Nandina domestica 'Firepower' / Firepower Heavenly Bamboo	1 gal.	Low	26" o.c.
	79	Rosa x 'Meisentmii' TM / Lemon Drift Rose	1 gal.	Low	42" o.c.
		AREA TO RECEIVE MULCH			
		EXISTING TREE TO BE REMOVED (TYP.)			

**GENERAL NOTES**

- All existing trees and shrubs (to remain) shall be protected in place during construction. Damaged trees and shrubs shall be replaced in kind.
- All landscape areas with new plant material shall receive a minimum 3" layer of organic wood chip mulch. See schedule (above) for mulch locations.
- Irrigation to all plant material shall be low volume drip and shall be operated by a weather based controller with a weather sensor. Irrigation shall conform to City of Grass Valley water conservation standards.

**Water Efficient Landscape Worksheet**

HYDROZONE/PLANTING DESCRIPTION	PLANT FACTOR (PF)	IRRIG. METHOD	IRRIG. EFFICIENCY (IE)	ETAF (PF/IE)	LANDSCAPE AREA (Sq. Ft.)	ETAF x AREA	ESTIMATED TOTAL WATER USE (ETWU)
<b>REGULAR LANDSCAPE AREA</b>							
LOW WATER USE PLANTS	.3	DRIP	.81	.37	11,872	2,994	143,560 GAL.
MODERATE WATER USE PLANTS	.5	DRIP	.81	.62	320	161	6,449 GAL.
<b>TOTALS</b>					(A) 12,192	(B) 4,595	
ETWU Total							150,009 GAL.

Maximum Applied Water Allowance (MAWA).  $MAWA = \frac{[Et_o] [Conversion\ factor] [(ETAF)(Landscape\ Area)]}{[52.66] [1.62]} + \frac{[(1-ETAF) \times SLA]}{[1-.45] \times 0} = 179,127 \text{ GALLONS}$

Estimated Total Water use (ETWU).  $ETWU = \frac{[Et_o] [Conversion\ factor] [(ETAF) (Area)]}{[52.66] [1.62]} = 150,009 \text{ GALLONS}$

**ETAF Calculations**

Total ETAF x Area	(B) 4,595
Total Area	(A) 12,912
Average ETAF	(B / A) .38

Note:  
1. Average ETAF for Regular Landscape Areas must be below .55 for residential areas and .45 for non-residential areas.



Rev	Date	Description	Drawn	Checked
1	11-18-23	PLANNING		
2	1-30-24	PLANNING RE-SUBMITTAL		

SHERWIN WILLIAMS PAINT STORE

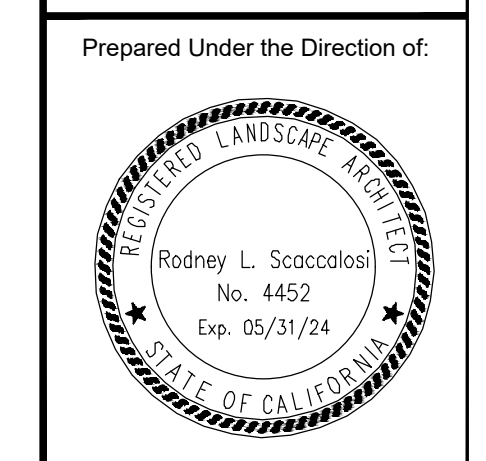
**PRELIMINARY LANDSCAPE PLAN**

GATES PLACE AND NEVADA CITY HIGHWAY

City Of  
**Grass Valley**

County Of  
**Placer**

State Of  
**California**



Sheet

**L1**

Scale: \_\_\_\_\_

Date: \_\_\_\_\_

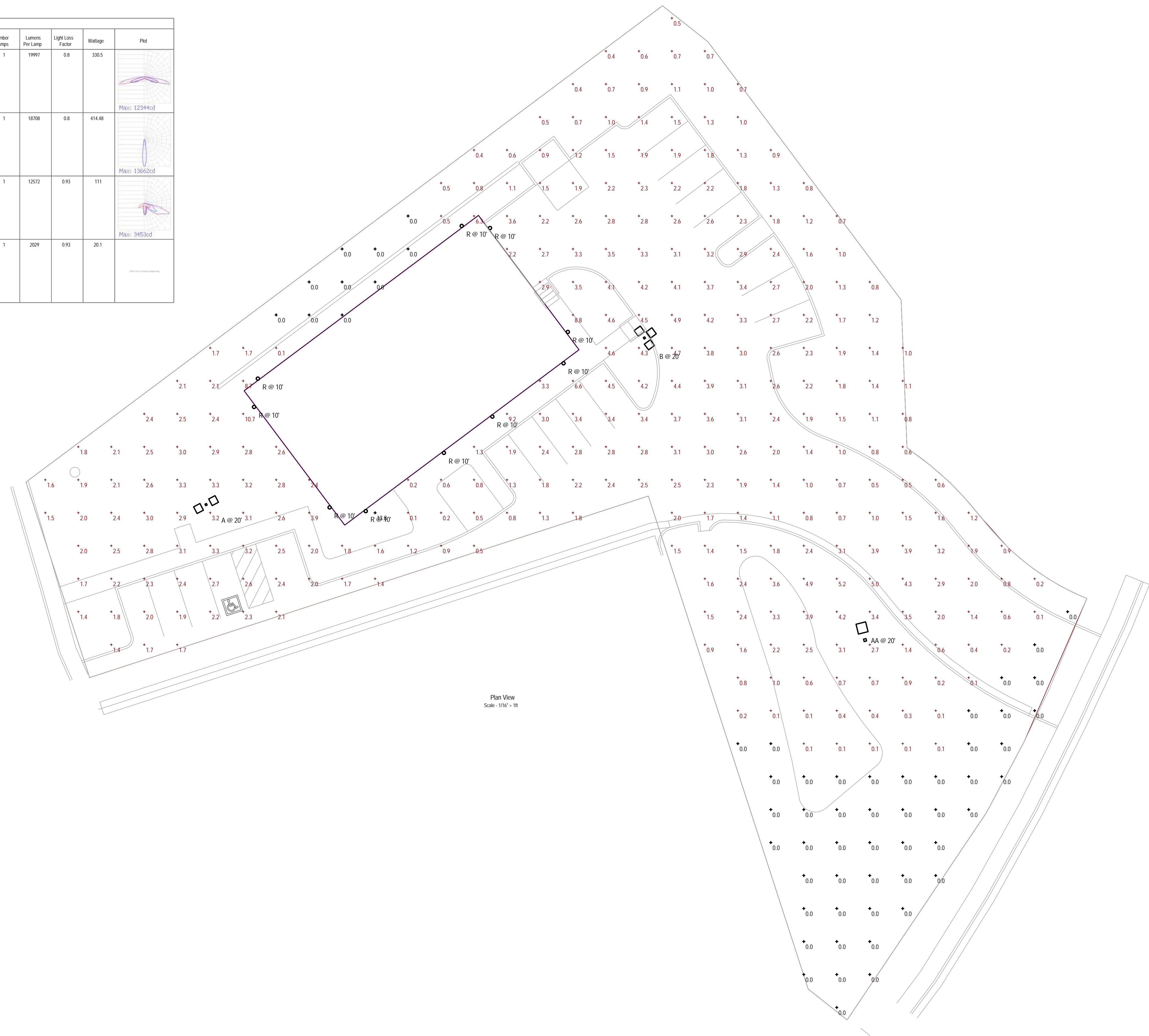
Project Number: \_\_\_\_\_

Plan File: \_\_\_\_\_



Schedule											
Symbol	Label	Image	Quantity	Manufacturer	Catalog Number	Description	Number Lamps	Lumens Per Lamp	Light Loss Factor	Wattage	Plot
	A		1	Lithonia Lighting	DSX1 LED P6 40K 80CRI T5W	D-Series Size 1 Area Luminaire P6 Performance Package 4000K CCT 80 CRI Type 5 Wide	1	19997	0.8	3305	 Max: 1234fcd
	B		1	Lithonia Lighting	DSX1 LED P6 40K 70CRI T5W	D-Series Size 1 Area Luminaire P6 Performance Package 4000K CCT 70 CRI Type 5 Wide	1	18708	0.8	4148	 Max: 13662fcd
	AA		1	LSI INDUSTRIES, INC.	MRS-LED-15L-SL-3-40-70CRI-R1		1	12572	0.93	111	 Max: 3453fcd
	R		10	COOPER LIGHTING SOLUTIONS - LUMIERE (FORMERLY EATON)	9004-W1-JRW, RJ-LED480-S-WT-L2-UNV	LUMIERE LANTERRA 9004 LED WALL LUMINAIRE, RECESSED LENS, SPOT OPTIC, WHITE HOUSING.	1	2029	0.93	20.1	 Max: 1111fcd

Statistics						
Description	Symbol	Avg	Max	Min	Avg/Min	Max/Min
Calc: Zone #2		1.8 fcd	13.8 fcd	0.0 fcd	N/A	N/A



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 1764 BLAKE ST  
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**CASE Engineering Inc.**  
 796 Menus Court  
 St. Louis, MO 63126  
 T 636.349.1600  
 F 636.349.1730  
 CERTIFICATE OF AUTHORITY NO. F-20080

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09/27/2023

PROJECT #:

DRAWN BY:

CHECKED BY:

PLANNING SUBMITTAL - 09/27/23

- 
- 
- 
- 
- 
- 

**SHERWIN WILLIAMS**

STORE #:

XXXX

ADDRESS:

TBD

SHEET TITLE:

SITE PHOTOMETRIC PLAN

SHEET NUMBER:

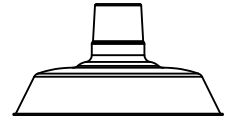
**E002**



SPS-0448 REV C

**THE ORIGINAL™ INTEGRATED LED SERIES**

JOB NAME: \_\_\_\_\_ FIXTURE TYPE: \_\_\_\_\_



BLE - G	- WHS12	- 150	- G22	- 150	- NA	- NA	-
<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>	
NA	- NA	- LED38	- 3000K	- DL			
<b>H</b>	<b>I</b>	<b>J</b>	<b>K</b>	<b>L</b>			

Order Example: BLE - G - WHS16 - 600 - G22 - 980 - NA - ACR - 600 - NA - LED38 - 2700K - DL

**A - MOUNTING STYLE**

<b>C</b>	Cord Hung
<b>CN</b>	Chain Hung
<b>F</b>	Flush Mount <sup>1</sup>
<b>G</b>	Gooseneck
<b>S</b>	Stem Mount

**B - SHADE SIZE**

THE ORIGINAL™:

<b>WHS12</b>	12" Shade
<b>WHS14</b>	14" Shade
<b>WHS16</b>	16" Shade
<b>WHS18</b>	18" Shade
<b>WHS20<sup>2</sup></b>	20" Shade

**C - SHADE FINISH**PORCELAIN FINISHES<sup>3</sup>:

<b>150</b>	Black
<b>250</b>	White
<b>350</b>	Vintage Green
<b>355</b>	Jadite
<b>455</b>	Cherry Red
<b>550</b>	Yellow
<b>650</b>	Bronze
<b>750</b>	Cobalt Blue
<b>765</b>	Delphite Blue
<b>850</b>	Graphite
<b>950</b>	Metallic Chrome

POWDER COAT FINISHES<sup>4</sup>:

<b>100</b>	Black
<b>105</b>	Textured Black
<b>106</b>	Matte Black
<b>200</b>	White
<b>206</b>	Matte White
<b>300</b>	Dark Green
<b>307</b>	Emerald Green
<b>311</b>	Jadite
<b>370</b>	Mint
<b>380</b>	Chartreuse
<b>390</b>	Teal
<b>400</b>	Barn Red
<b>420</b>	Orange
<b>470</b>	Watermelon
<b>480</b>	Blush Pink
<b>490</b>	Magenta
<b>495</b>	Sherbet Orange
<b>500</b>	Buttery Yellow
<b>570</b>	Sunflower
<b>600</b>	Bronze
<b>601</b>	Chocolate
<b>605</b>	Rust
<b>615</b>	Oil-Rubbed Bronze

**C - SHADE FINISH (CONTINUED)**POWDER COAT FINISHES<sup>4</sup>:

<b>700</b>	Royal Blue
<b>705</b>	Navy
<b>710</b>	Cobalt Blue
<b>715</b>	Delphite Blue
<b>790</b>	Lavender
<b>800</b>	Industrial Grey
<b>805</b>	Charcoal Granite
<b>810</b>	Graphite
<b>975</b>	Galvanized

NATURAL METALS<sup>5</sup>:

<b>995</b>	Raw Copper
<b>996</b>	Weathered Copper
<b>997</b>	Raw Brass
<b>998</b>	Weathered Brass
<b>999</b>	Oil-Rubbed Copper

**D - MOUNTING**

Please Note: If Flush Mount [F] is selected in Section A, please select NA

NA Not Applicable

CSA LISTED CORDS:

<b>SBK</b>	Standard Black
<b>SWH</b>	Standard White
<b>CSB</b>	Black Cloth
<b>CSW</b>	White Cloth
<b>CMG</b>	Grey Cloth
<b>CSR</b>	Red Cloth
<b>CRZ</b>	Red Chevron Cloth
<b>CSBB</b>	Black & Brown Cloth
<b>CSRW</b>	Red & White Cloth
<b>CSGW</b>	Gold & White Cloth
<b>CSBG</b>	Black & Gold Cloth
<b>CSBW</b>	Black & White Cloth
<b>CSBP</b>	Black & Pink Cloth
<b>CSUW</b>	Blue & White Cloth

CHAIN MOUNT OPTIONS<sup>2</sup>:

<b>CN36</b>	3' of Chain
<b>CN48</b>	4' of Chain
<b>CN60</b>	5' of Chain
<b>CN72</b>	6' of Chain

**D - MOUNTING (CONTINUED)**

GOOSENECK OPTIONS:

<b>G1<sup>2</sup></b>	<b>G11<sup>2</sup></b>	<b>G26<sup>2</sup></b>
<b>G2<sup>2</sup></b>	<b>G12<sup>2</sup></b>	<b>G32</b>
<b>G3<sup>2,6</sup></b>	<b>G13</b>	<b>G34<sup>2</sup></b>
<b>G4<sup>6</sup></b>	<b>G14</b>	<b>G35<sup>2</sup></b>
<b>G5<sup>2</sup></b>	<b>G15</b>	<b>G36<sup>2</sup></b>
<b>G6</b>	<b>G16<sup>2</sup></b>	<b>G64<sup>2</sup></b>
<b>G7</b>	<b>G17</b>	<b>G65<sup>2</sup></b>
<b>G8</b>	<b>G22</b>	
<b>G9</b>	<b>G24</b>	
<b>G10</b>	<b>G25</b>	

STEM MOUNT OPTIONS:

<b>ST506</b>	.5" Stem Mount, 6" <sup>2</sup>
<b>ST512</b>	.5" Stem Mount, 12" <sup>2</sup>
<b>ST518</b>	.5" Stem Mount, 18" <sup>2</sup>
<b>ST524</b>	.5" Stem Mount, 24" <sup>2</sup>
<b>ST536</b>	.5" Stem Mount, 36" <sup>2</sup>
<b>ST548</b>	.5" Stem Mount, 48" <sup>2</sup>
<b>ST706</b>	.75" Stem Mount, 6"
<b>ST712</b>	.75" Stem Mount, 12"
<b>ST718</b>	.75" Stem Mount, 18"
<b>ST724</b>	.75" Stem Mount, 24"
<b>ST736</b>	.75" Stem Mount, 36"
<b>ST748</b>	.75" Stem Mount, 48"

**E - MOUNTING FINISH**

Please Note: See Section C for Finish Options. 980-Brushed Aluminum is also available for Gooseneck (Except G36, G64 & G65) and Stem mounting styles. If a Porcelain shade finish is selected, mounting will be powder coat painted-to-match. Porcelain shade finishes are not available with a Natural Metal mounting finish

(I) If Cord Hung [C], selection identifies canopy finish

(II) If Chain Hung [CN] Mounting Style, selection identifies chain and canopy finish. Natural Metals are not applicable

(III) If Stem Mount [S] Mounting Style, selection identifies stem and canopy finish

(IV) If Flush Mount [F] Mounting Style, selection identifies hex coupler and canopy finish. Natural Metals are not applicable

980 Brushed Aluminum

**F - CORDS<sup>7</sup>**

Please Note: See Section D for all applicable CSA Listed Cord Options

NA Not Applicable

**G - SHADE ACCESSORIES<sup>2</sup>**

<b>NA</b>	None
<b>WC</b>	Wire Cage
<b>ACR</b>	Acrylic Diffuser <sup>8,9</sup>

**H - SHADE ACCESSORY FINISH**

Please Note: See Section C for Finish Options. Natural Metals not applicable. If Porcelain Finish is selected, accessory will be powder coat painted-to-match

NA Not Applicable

**I - MOUNTING ACCESSORY**

Please Note: Mounting Accessories below are only applicable with select Mounting Styles. Please refer to product listings on our website for further detail.

<b>NA</b>	None/Not Applicable
<b>HSC</b>	Hang Straight Canopy <sup>2,10</sup>
<b>LDBPC</b>	LED Decorative Backing Plate Cover <sup>11,12</sup>
<b>LDCHX</b>	LED Decorative Backing Plate Cover & Hex Cover <sup>11,12</sup>

**J - LIGHT SOURCE**

<b>LED11</b>	850 Lumen, 11W LED
<b>LED16</b>	1250 Lumen, 16W LED
<b>LED27</b>	2000 Lumen, 27W LED
<b>LED38</b>	3000 Lumen, 38W LED
<b>LED43</b>	4000 Lumen, 43W LED <sup>1</sup>

**K - COLOR TEMPERATURE**

<b>2700K</b>	2700K, Warm White
<b>3000K</b>	3000K, Neutral White
<b>3500K</b>	3500K, Bright White
<b>4000K</b>	4000K, Cool White

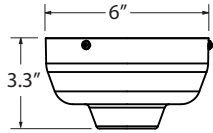
**L - LED LENS**

<b>DL</b>	Domed Lens
<b>FL</b>	Flat Lens

**IMPORTANT:** (1) Not available with Acrylic Diffuser shade accessory (2) Not available in Natural Metals (3) All Porcelain Enamel finished shades feature a white interior and a black outer rim (4) All Powder Coat finished shades, Galvanized excluded, feature a white interior (5) Natural Metals have a longer estimated manufacturing time, please check the website for exact lead time. There are no returns accepted on Natural Metals (6) Not compatible with 16" shade size and larger (7) Only applicable if Chain Hung Mounting Style selected in Section A, select NA if another Mounting Style is selected (8) Acrylic Diffuser limits the maximum lumen selection as well as reduces lumens delivered and LPW. Selection Limits: 2000 Max for 12" and 14" shades; 3000 Max for 16" through 20" shades (9) Fixture is CSA Listed for Damp Location with Acrylic Diffuser (10) Only applicable if Stem Mounting Style is selected in Section A (11) Not available with G3, G4, G11, G15, G26, & G36 Gooseneck option (12) Only applicable if Gooseneck Mounting Style is selected in Section A

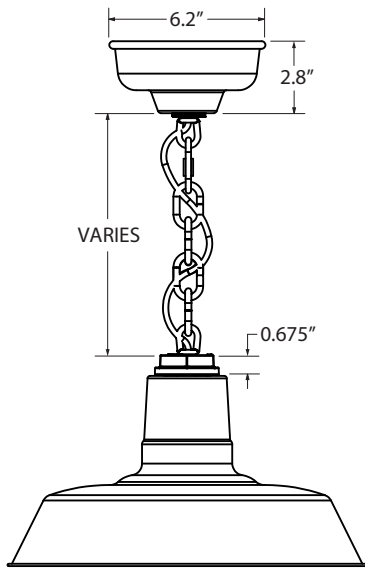
**MOUNTING STYLE**

**HIGH LUMEN CANOPY FOR PENDANT & FLUSH MOUNT**



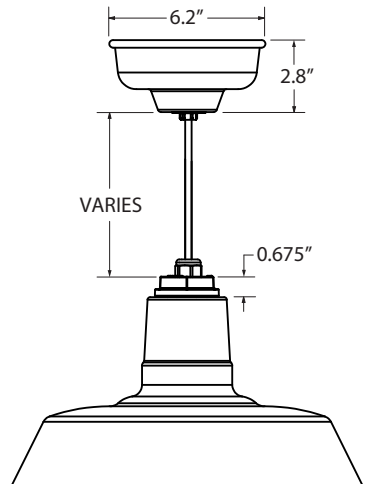
Required if LED 27, 38, 43 Light Source selected in Section J

**CHAIN HUNG PENDANT (CN)**



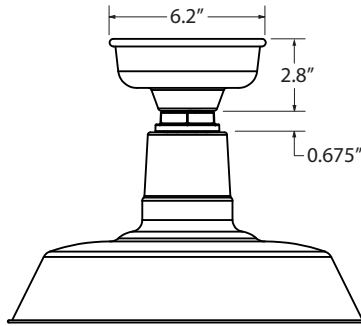
Canopy shown required if LED 11 & 16 Light Source selected in Section J

**CORD HUNG PENDANT (C)**



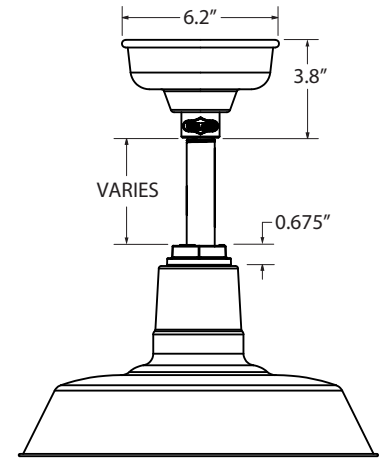
Canopy shown required if LED 11 & 16 Light Source selected in Section J

**FLUSH MOUNT (F)**



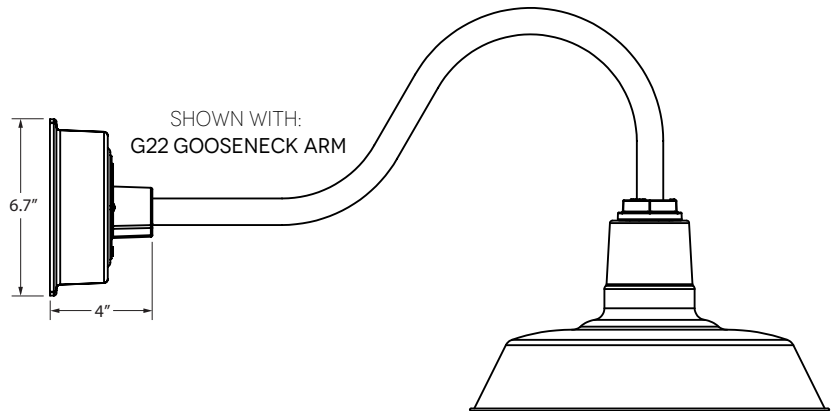
Canopy shown required if LED 11 & 16 Light Source selected in Section J

**STEM MOUNT PENDANT (S)**

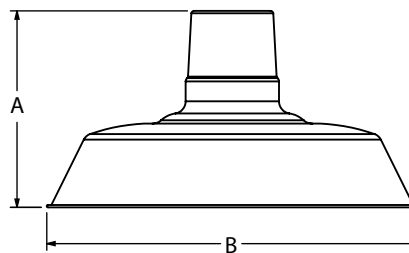


Canopy shown required if LED 11 & 16 Light Source selected in Section J

**GOOSENECK (G)**



**LUMINAIRE DIMENSIONS**



SHADE CODE	HEIGHT (A)	DIAMETER (B)
WHS12	7"	12"
WHS14	7.5"	14"
WHS16	7.75"	16"
WHS18	8.5"	18"
WHS20	9.25"	20"

**LIGHT SOURCE**

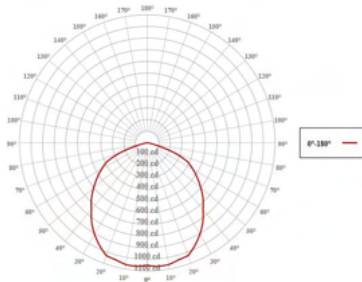
All published luminaire photometric testing performed to IESNA LM-79-08 standards by a NVLAP accredited laboratory. Data is considered to be representative of the configurations shown, within the tolerances allowed by Lighting Facts. To obtain an IES file specific to your project, please contact the factory.

	LUMENS		850		1250		2000		3000		4000	
	Wattage		11		16		27		38		43	
	Optics	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	Lumens	LPW	
WHS12	FLAT	846	74	1244	78	1997	74	2996	79	3995	93	
	DOMED	824	72	1212	76	1936	72	2904	76	3872	90	
WHS14	FLAT	845	74	1243	77	1982	73	2973	78	3964	92	
	DOMED	823	72	1210	75	1904	71	2856	75	3808	88	
WHS16	FLAT	845	74	1243	77	1982	73	2973	78	3964	92	
	DOMED	822	72	1209	75	1902	70	2854	75	3805	88	
WHS18	FLAT	843	74	1240	77	1978	73	2967	78	3956	92	
	DOMED	819	72	1204	75	1895	70	2843	75	3791	88	
WHS20	FLAT	841	74	1237	77	1973	73	2959	78	3945	91	
	DOMED	815	72	1199	75	1887	70	2830	74	3773	87	

\*Acrylic Diffuser option reduces lumens delivered and LPW

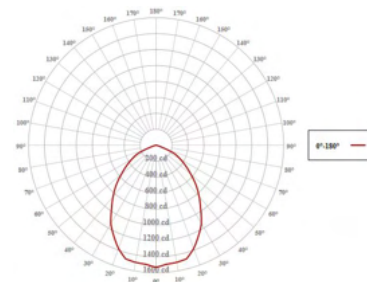
**LIGHT DISTRIBUTION**

DOMED LENS (DL)

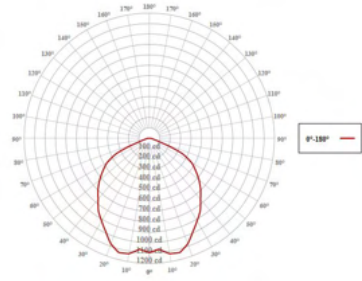


Shown above with 16" Shade (WHS16), White Interior (200-White) and 3000 Lumen (LED38)

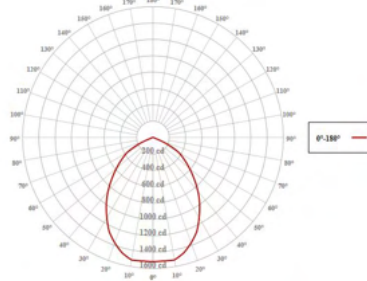
FLAT LENS (FL)



Shown above with 16" Shade (WHS16), White Interior (200-White) and 3000 Lumen (LED38)



Shown above with 20" Shade (WHS20), White Interior (200-White) and 3000 Lumen (LED38)



Shown above with 20" Shade (WHS20), White Interior (200-White) and 3000 Lumen (LED38)

**SPECIFICATIONS**

**CERTIFICATIONS, LISTINGS & WARRANTY**

MADE IN THE USA  
 Manufactured and Hand-Crafted in Our 60,000 Square Foot Facility  
 Located in Titusville, FL

CSA LISTED FOR WET LOCATIONS  
 Includes All Gooseneck, Stem and Flush Mounting Styles  
 Acrylic Diffuser is CSA Listed for Damp Locations for Gooseneck  
 and Stem Mounting Styles

CSA LISTED FOR DAMP LOCATIONS  
 Includes All Chain and Select Cord Hung Mounting Styles  
 Acrylic Diffuser is CSA Listed for Damp Locations for Chain and  
 Cord Hung Mounting Styles

LIMITED WARRANTY  
 For Additional Information on Our Limited Warranty, Please See  
 Our Terms & Conditions

OPERATING TEMPERATURE  
 -30°C to 40°C

**CONSTRUCTION & FINISH**

POWDER COAT SHADE  
 Hand-Spun from High Purity 3003-O Temper Aluminum

GALVANIZE SHADE  
 Hand Spun from High Quality Galvanized Steel

PORCELAIN SHADE  
 Hand-Spun from 20 Gauge Porcelain Steel

POWDER COAT FINISHES  
 Polyester Powder Coat Finishes Are Electro-Staticly Applied and  
 Thermocured

PORCELAIN FINISHES  
 Applied by Hand and Fired in a High Temperature Oven

COPPER  
 Hand-Spun from High Purity C11000-O60 ETP Copper

BRASS  
 Hand-Spun from High Purity C2600-O60 Brass

STEM  
 1/2" Nominal (0.84" Actual) or 3/4" Nominal (1.05" Actual) Sch 40,  
 6063 Aluminum Mounting Stem. Custom Lengths Available upon  
 Request.

GOOSENECK  
 1/2" Nominal (0.84" Actual) or 3/4" Nominal (1.05" Actual) Sch 40,  
 6063 Aluminum Gooseneck

CORD  
 Cord-Hung Pendants Include 7' of Standard Cord or 5' of Cloth  
 Cord, +/- For Socket Orientation

CHAIN  
 4-Gauge Chain Complete with Quick Link for On-Site Adjustments  
 to Chain's Length

**LED LIGHT SOURCE**

LED TYPE: CREE LMH2 MODULE  
 INITIAL LUMENS DELIVERED: UP TO 4000 LUMENS  
 L90(6K) > 36,300 HOURS  
 AVAILABLE CCT: 2700K, 3000K, 3500K, 4000K  
 Custom Temperatures Available upon Request  
 90+ CRI  
 2 STEP MACADAMS ELLIPSE  
 EFFICACY: UP TO 93 LPW  
 High Efficacy Available upon Request, Consult Factory for  
 Additional Information

**ELECTRICAL/LED DRIVER**

DRIVER TYPE: ERP ESS/T & ESP/T  
 POWER FACTOR > 0.9  
 EFFICIENCY: UP TO 87% TYPICAL  
 INPUT VOLTAGE: 120-277 VAC (SEE DIMMING SECTION)  
 CLASS 2 POWER SUPPLY  
 LED DRIVER LIFETIME: > 100,000 HOURS (@ 25 DEG C AMBIENT)  
 IP64 MINIMUM RATING CASE WITH SILICONE-BASED POTTING  
 PROTECTIONS  
 Output Open Load, Over-Current and Short-Circuit (hiccup), and  
 Over-Temperature with Auto Recovery  
 CONDUCTED AND RADIATED EMI  
 Compliant with FCC CFR Title 47 Part 15 Class B (120 Vac), Class A  
 (277 Vac) and EN55015 (CISPR 15) at 220, 230 and 240 Vac  
 COMPLIANT WITH  
 Complies with Energy Star® DLR (DesignLight Consortium®) and CA  
 Title 24 Technical Requirements

**DIMMING**

TRI-MODE DIMMING™  
 Compatible with TRIAC (forward-phase or leading-edge), ELV  
 (reverse-phase or trailing-edge) and 0-10 V Dimmers  
 DIMMING RANGE 1-100%  
 The Dimming Range Is Dependent on Each Specific Dimmer. May  
 Not Be Able to Achieve 1% Dimming with Some Dimmers.  
 TRIAC AND ELV DIMMING ONLY AT 120 VAC  
 ELV DIMMING AT 230 VAC  
 Available by Request  
 COMPATIBLE DIMMERS  
 Consult Factory for Additional Information on Dimming





## EWLS L Series LED Wall Pack

The Evolve® LED L Series Wall Pack (EWLS), The Evolve LED L-Series Wall Pack, EWLS, is a designed replacement for 50W to 250W HID, while offering significant energy savings in a long-life LED wall pack. Two-screw housing design enables a fast and simplified installation. The low-watt Egress package is designed to meet recommended illuminance requirements for egress applications such as side and rear exit doors in commercial buildings. Available with Emergency Battery Backup option.

### Construction

<b>Housing:</b>	Aluminum die cast enclosure. Integral heat sink for maximum heat transfer
<b>Lens:</b>	Impact resistant tempered glass
<b>Paint:</b>	Corrosion resistant polyester powder paint, minimum 2.0 mil thickness Color: Black, Dark Bronze, Gray & White (RAL & custom colors available) Optional = Coastal Finish
<b>Weight:</b>	8.5lbs (4 kg)

### Optical System

<b>Lumens:</b>	1,700 to 7,000
<b>Distribution:</b>	Asymmetric Forward
<b>Efficacy:</b>	117- 148 LPW
<b>CCT:</b>	2700, 3000K, 4000K, 5000K
<b>CRI:</b>	≥70

### Electrical

<b>Input Voltage:</b>	120-277V & 347V
<b>Input Frequency:</b>	50/60Hz
<b>Power Factor:</b>	> 90% at rated watts
<b>Total Harmonic Distortion:</b>	≤ 20% at rated watts

### Surge Protection

<b>Surge Protection</b>	10kV/5kA (Standard) 3kV/1.5kA (EMBB)
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\*Per ANSI C136.2-2015

### Emergency Battery Backup

Provides reliable emergency operations when there is a loss to normal power, supported by Independent Secondary Battery.

- Hold-Up Time: 90 minutes @ 1,400 lumens.
- Meet egress light level and uniformity requirements
- Not available in 347V
- Operating Temperature (for EMBB models) 0° to 40°C

- 3kV/1.5kA surge protection for EMBB models.

Not all product variations listed on this page are DLC qualified. Visit [www.designlights.org/search](http://www.designlights.org/search) to confirm qualifications.



5 Year (Standard)

### Warranty

Provides reliable emergency operations when there is a loss to normal power, supported by Independent Secondary Battery.

- 3kV/1.5kA surge protection for EMBB models.



### Lumen Maintenance

#### Projected Lxx per IES TM-21-11 at 25°C

LUMEN CODES	DISTRIBUTION	LXX(H0K) @ HOURS		
		25,000 HR	50,000 HR	60,000 HR
17, 25 & 40	AF	L99	L99	L99
70	AF	L94	L87	L85

Note: Projected Lxx based on LM80 (≥ 10,000 hour testing). Accepted Industry tolerances apply to initial luminous flux and lumen maintenance measurements.

#### Luminaire Ambient Temperature Factor

AMBIENT TEMP (°C)	INITIAL FLUX FACTOR	AMBIENT TEMP (°C)	INITIAL FLUX FACTOR
10	1.02	30	0.99
20	1.01	40	0.98
25	1.00	50	0.97

### Ratings

<b>Operating Temperature:</b>	-40°C to 50°C
<b>Vibration:</b>	3G per ANSI C136.31-2010
<b>LM-79:</b>	Testing in accordance with IESNA Standards

### Controls

<b>Dimming:</b>	Standard - 0-10V
<b>Sensors:</b>	Photo Electric Sensors (PE) available Motion Sensor



Catalog #: \_\_\_\_\_

Project: \_\_\_\_\_

Prepared By: \_\_\_\_\_

Date: \_\_\_\_\_

# Mirada Small Area (MRS)

## Outdoor LED Area Light



### OVERVIEW

Lumen Package	6,000 - 30,000
Wattage Range	39 - 209
Efficacy Range (LPW)	112 - 163
Weight lbs(kg)	20 (9.1)
Control Options	IMSBT, ALB, ALS, 7-Pin, PCI

### QUICK LINKS

[Ordering Guide](#)
[Performance](#)
[Photometrics](#)
[Dimensions](#)

## FEATURES & SPECIFICATIONS

### Construction

- Rugged die-cast aluminum housing contains factory prewired driver and optical unit. Cast aluminum wiring access door located underneath.
- Fixtures are finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling. Other standard LSI finishes available. Consult factory.
- Shipping weight: 27 lbs in carton.

### Optical System

- State-of-the-Art one piece silicone optic sheet delivers industry leading optical control with an integrated gasket to provide IP66 rated seal.
- Proprietary silicone refractor optics provide exceptional coverage and uniformity in distribution types 2, 3, 4, 5W, FT, and LC/RC.
- Silicone optical material does not yellow or crack with age and provides a typical light transmittance of 93-95%.
- Zero uplight.
- Available in 5000K, 4000K, and 3000K color temperatures per ANSI C78.377
- Minimum CRI of 70.
- Integral louver (IL) and integral half louver (IH) options available for enhanced backlight control.

### Electrical

- High-performance driver features over-voltage, under-voltage, short-circuit and over temperature protection.
- 0-10V dimming (10% - 100%) standard.
- Standard Universal Voltage (120-277 VAC) Input 50/60 Hz or optional High Voltage (347-480 VAC).
- L70 Calculated Life: >60k Hours
- Total harmonic distortion: <20%
- Operating temperature: -40°C to +50°C (-40°F to +122°F). 30L lumen packages rated to +40°C.
- Power factor: >.90
- Input power stays constant over life.
- Field replaceable 10kV surge protection device meets a minimum Category C Low operation (per ANSI/IEEE C62.41.2).
- High-efficacy LEDs mounted to metal-core circuit board to maximize heat dissipation
- Driver is fully encased in potting material for moisture resistance and complies with FCC standards. Driver and key electronic components can easily be accessed.

### Controls

- Optional integral passive infrared Bluetooth™ motion and photocell sensor. Fixtures operate independently and can be commissioned via iOS or Android configuration app.
- LSI's AirLink™ wireless control system options reduce energy and maintenance costs while optimizing light quality 24/7.

### Installation

- Designed to mount to square or round poles.
- A single fastener secures the hinged door, underneath the housing and provides quick & easy access to the electrical compartment.
- Included terminal block accepts up to 12 ga. wire.
- Utilizes LSI's traditional B3 drill pattern.

### Warranty

- LSI luminaires carry a 5-year limited warranty. Refer to <https://www.lsicorp.com/resources/terms-conditions-warranty/> for more information.

### Listings

- Listed to UL 1598 and UL 8750.
- Meets Buy American Act requirements.
- IDA compliant; with 3000K color temperature selection.
- Title 24 Compliant; see local ordinance for qualification information.
- Suitable for wet locations.
- IP66 rated Luminaire per IEC 60598-1.
- 3G rated for ANSI C136.31 high vibration applications are qualified.
- IK08 rated luminaire per IEC 66262 mechanical impact code
- DesignLights Consortium® (DLC) qualified product. Not all versions of this product may be DLC qualified. Please check the DLC Qualified Products List at [www.designlights.org/QPL](http://www.designlights.org/QPL) to confirm which versions are qualified.