

# PALO ALTO FIRE STATION NO.4 REPLACEMENT PROJECT

**3600 MIDDLEFIELD ROAD**

**OWNER CITY OF PALO ALTO**

250 HAMILTON AVENUE FLOOR 6  
PALO ALTO, CA 94301  
650.329.2397

**ARCHITECT BROWN REYNOLDS WATFORD  
ARCHITECTS, INC.**

1620 MONTGOMERY ST. SUITE 320  
SAN FRANCISCO, CA 94111  
415.749.2670

**CIVIL  
ENGINEER SANDIS**

636 9TH STREET  
OAKLAND, CA 94607  
510.590.3421

**LANDSCAPE  
ARCHITECT HLA GROUP**

301 UNIVERSITY AVE. SUITE 110  
SACRAMENTO, CA 95825  
916.447.7400

**ARBORIST MACNAIR & ASSOCIATES**

P.O. BOX 1150  
GLEN ELLEN, CA, 95442  
707.938.1822



## INDEX OF DRAWINGS (C1\_3600MID\_PLAN)

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  - O-1 SCHEMATIC DETAILS - SITE
  - O-2 SCHEMATIC DETAILS - BUILDING
  - P-1 GB-1 GREEN BUILDING CHECKLIST
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- TOTAL SHEETS: 29

## INDEX OF FILES

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- PROJECT DESCRIPTION (C1\_3600MIDD\_DOCS)
- ENVIRONMENTAL ASSESSMENT (C1\_3600MIDD\_ENVIR)
- COLOR & MATERIAL BOARD (C1\_3600MIDD\_MATBOARD)
- ARBORIST REPORT (C1\_3600MIDD\_ARBORIST)

## VICINITY MAP



JUNE 12, 2023





BUILDING SIGN AND NOTICE OF PROPOSED PROJECT SIGN



BUILDING SIGN AND NOTICE OF PROPOSED PROJECT SIGN

# PROJECT DATA

## OVERVIEW

- ADDRESS: 3600 MIDDLEFIELD ROAD, PALO ALTO, CA 94303
- PARCEL #: 132-06-012
- ZONING DISTRICT (PROJECT LOT): PF (PUBLIC FACILITIES)
- ZONING DISTRICT (ADJ. LOTS): R-1 (8000)
- FLOOD ZONE: X
- FEMA MAP PARCEL: 0036H
- SITE AREA (ENTIRE PARCEL): 82,304 SF (1.89 ACRES)
- SITE AREA (FIRE STATION): 28,490 SF (0.65 ACRES)

## SITE/AREA COVERAGE - REQUIRED

- MAX. ALLOWABLE SITE COVERAGE: 30%
- THE REQUIREMENT FOR A MAXIMUM SITE COVERAGE OF 30% DOES NOT APPLY. SEE SECTION 118.28.060 (E) DEVELOPMENT STANDARD EXCEPTION (2) ESSENTIAL SERVICES BUILDINGS.

## SITE/AREA COVERAGE - ENTIRE PARCEL

- CURRENT SITE COVERAGE: 25,646 SF (31%)
- PROPOSED SITE COVERAGE: 34,853 SF (42%)

## SITE/AREA COVERAGE - FIRE STATION

- CURRENT SITE COVERAGE: 13,042 SF (46%)
- PROPOSED SITE COVERAGE: 22,249 SF (78%)

## FLOOR AREA

- ALLOWABLE FAR: 1:1 = 100%
- GROSS FLOOR AREA: 8,000 SF (NEW BUILDING)  
83 SF (TRASH ENCLOSURE)  
1,588 SF (SUBSTATION)  
9,670 SF (TOTAL)
- PROPOSED FAR: 9,670 SQ.FT/ 82,304 SF = 12%

## REQUIRED MINIMUM BUILDING SETBACKS

- FRONT (MIDDLEFIELD ROAD): 24'-0"
- STREET SIDE (E. MEADOW DRIVE): 20'-0"
- REAR (SOUTH): 20'-0"
- INTERIOR SIDE (EAST): 8'-0"

## PROPOSED BUILDING SETBACKS:

- FRONT (MIDDLEFIELD ROAD): 24'-0"
- STREET SIDE (E. MEADOW DRIVE): 20'-0"
- REAR (SOUTH): 20'-0"
- INTERIOR SIDE (EAST): N/A

## BUILDING HEIGHT

- MAX. ALLOWABLE: 35'-0"
- PROPOSED: 25'-0"

## AUTOMOBILE PARKING

- REQUIRED - AS DIRECTED BY FIRE DEPARTMENT OPERATIONS
- PUBLIC: (1) ADA VAN + (1) STANDARD
- FIRE DEPT.: (1) ADA VAN + (9) STANDARD
- TOTAL PROPOSED: (12) SPACES

## EV PARKING

- (1) PUBLIC
- (1) STAFF

## BIKE PARKING

- PUBLIC
- STAFF

## CONSTRUCTION TYPE

- TYPE VB - SPRINKLERED

## BUILDING OCCUPANCY TYPE (CHAPTER 3)

- BUSINESS (B)
- RESIDENTIAL (R-2)
- LOW HAZARD STORAGE (S-1)

## BUILDING OCCUPANCY TYPE FIRE SEPARATIONS (TABLE 508.4)

- B TO S-1: NS
- B TO R-2: 1 HOUR



**CONTEXTUAL ELEVATION - MIDDLEFIELD**



**CONTEXTUAL ELEVATION - EAST MEADOW**



**CONTEXTUAL AERIAL PHOTO**

PHOTO TAKEN VIA DRONE: SEPTEMBER 2022



**CHURCH AND APARTMENTS**



**MICHELL PARK**



**RESIDENTIAL CONTEXT**



**MICHELL PARK**



**RESIDENTIAL CONTEXT**



**RESIDENTIAL CONTEXT**



**RESIDENTIAL CONTEXT**



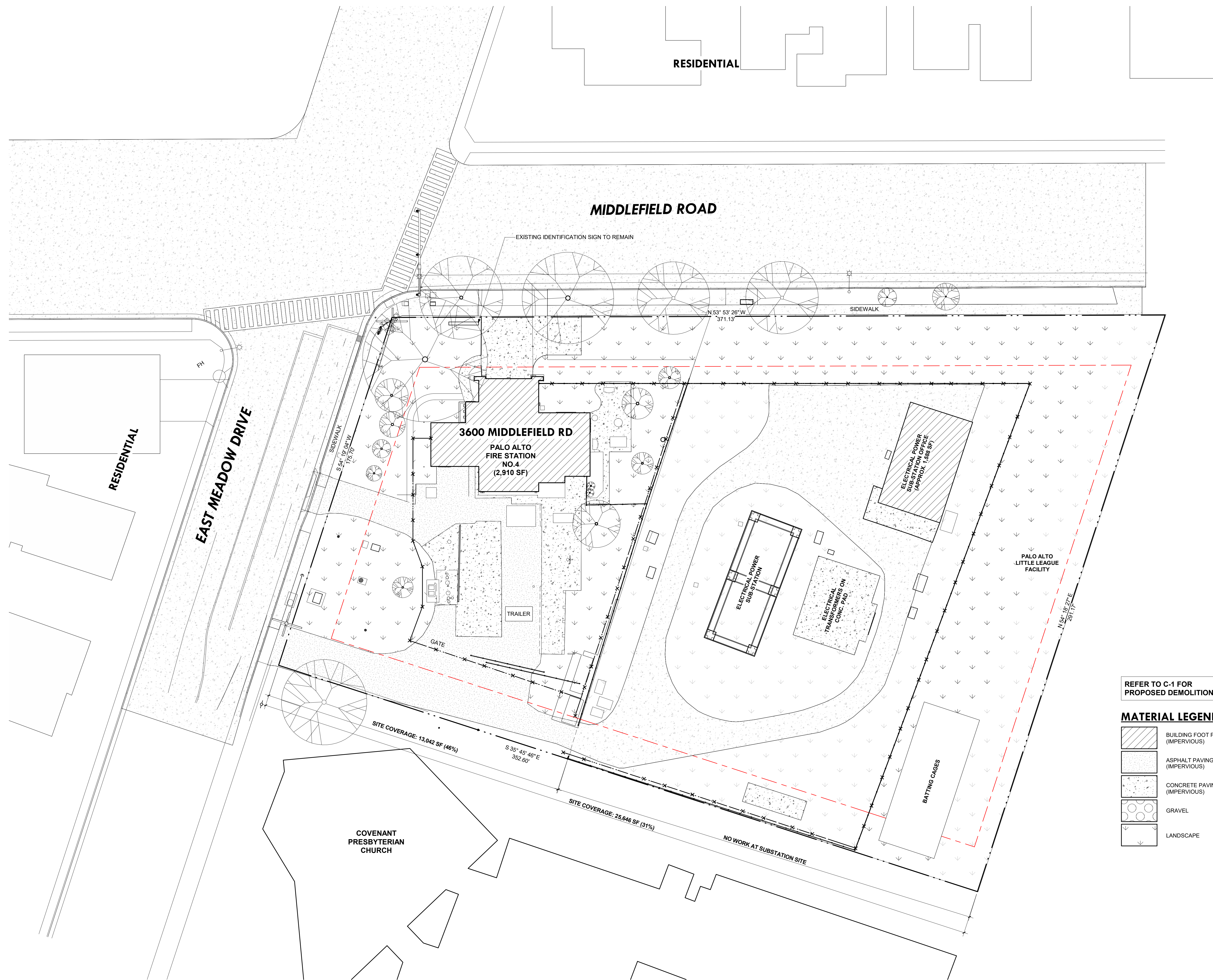
**RESIDENTIAL CONTEXT**



**RESIDENTIAL CONTEXT**

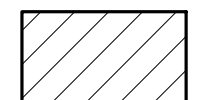






**CHURCH**

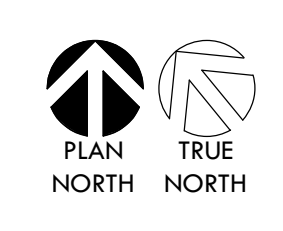


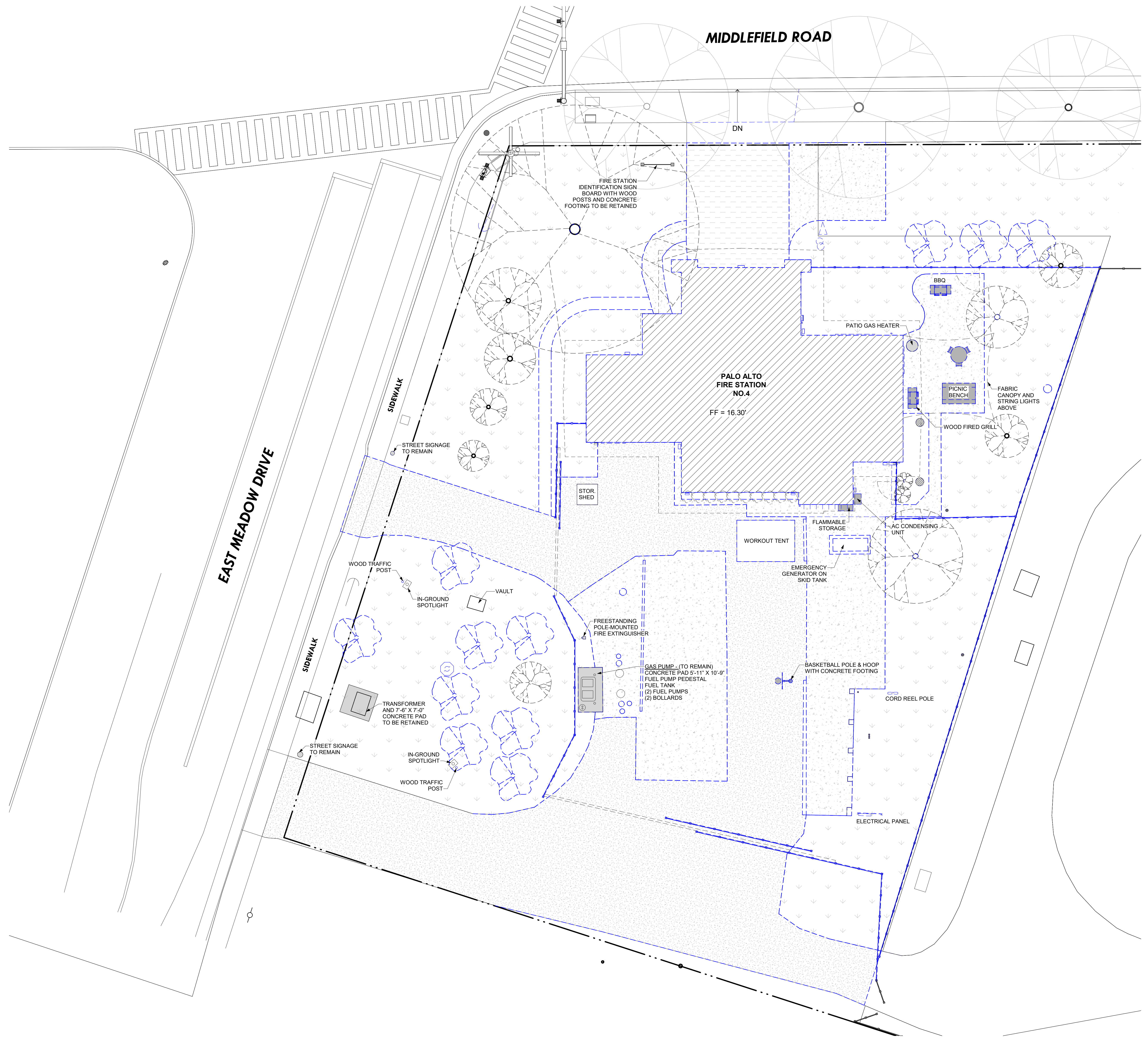
REFER TO C-1 FOR PROPOSED DEMOLITION

**MATERIAL LEGEND**




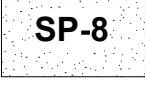

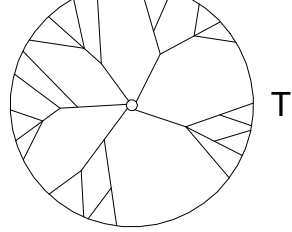
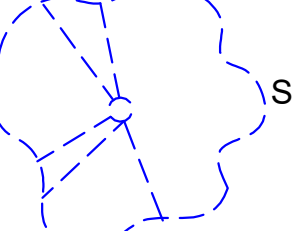
-  BUILDING FOOT PRINT (IMPERVIOUS)
-  ASPHALT PAVING (IMPERVIOUS)
-  CONCRETE PAVING (IMPERVIOUS)
-  GRAVEL
-  LANDSCAPE

**1 EXISTING PARCEL SITE PLAN**  
1" = 20'-0"  
0' 10' 20' 40'

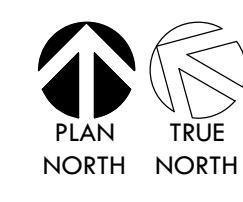


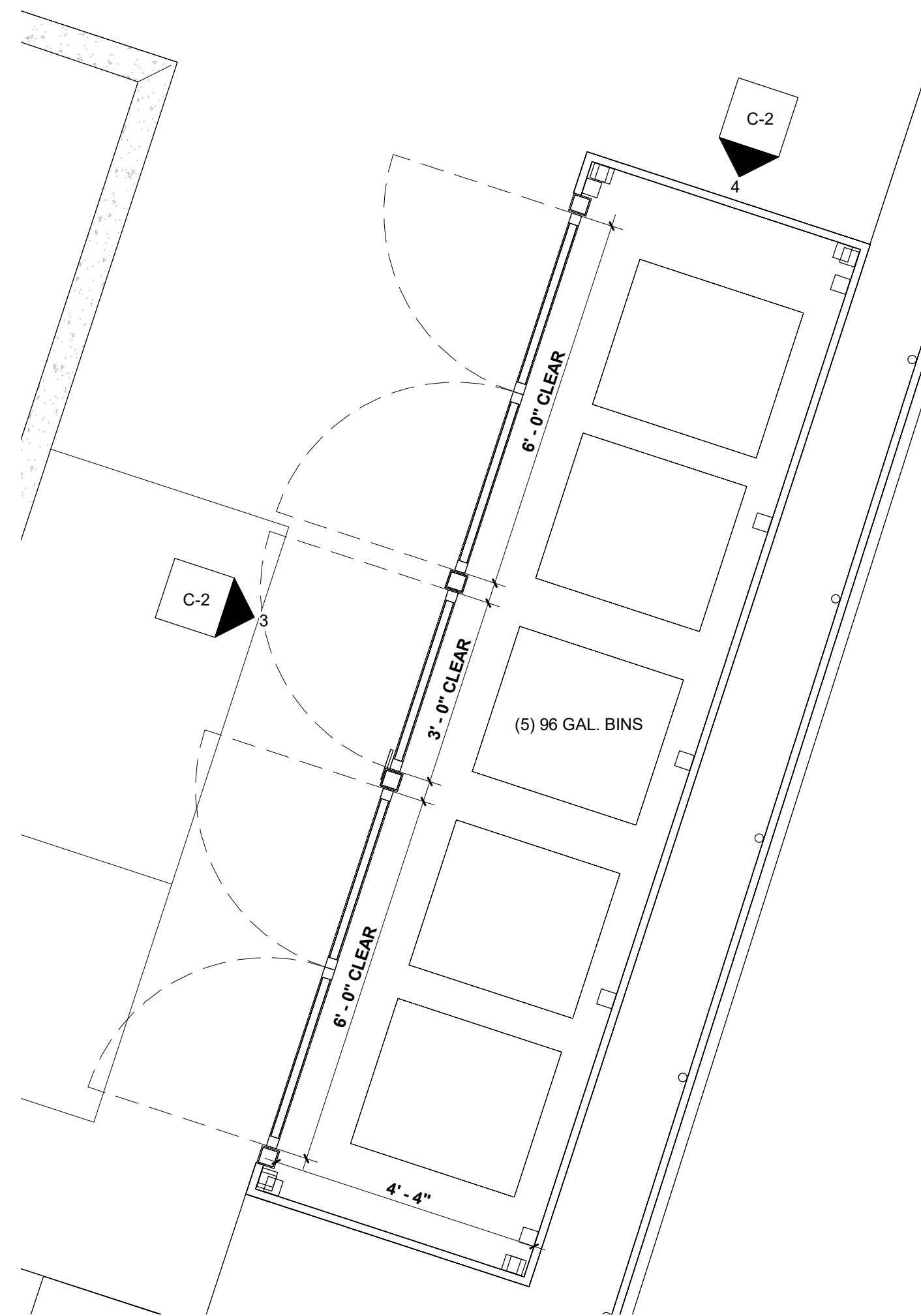


**SITE AND BUILDING DEMOLITION LEGEND**

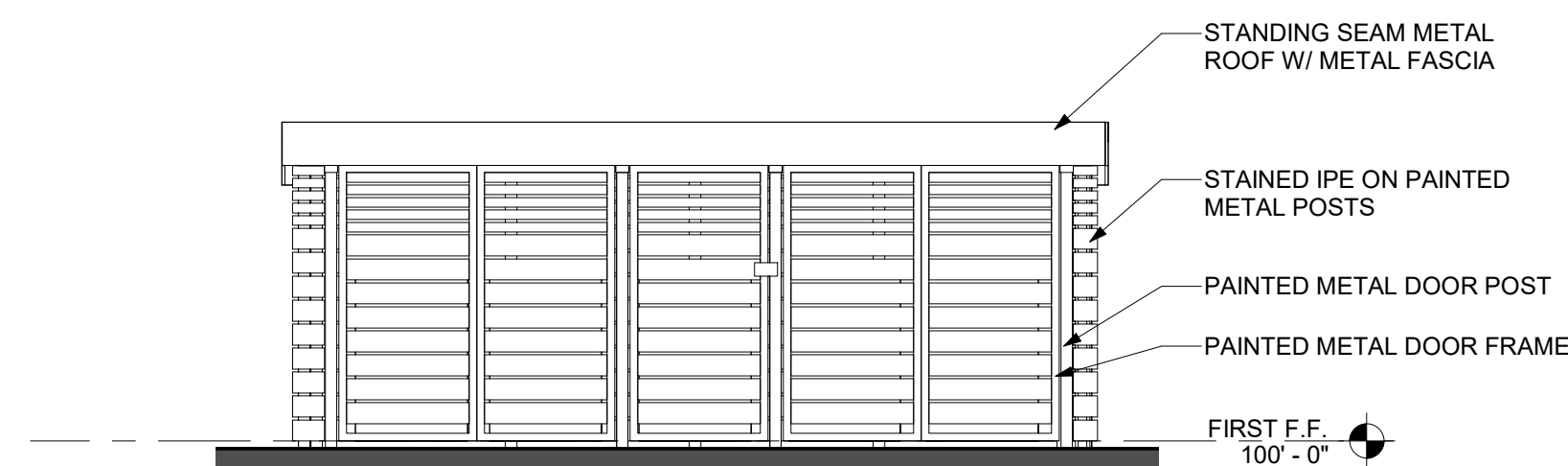
-  ONE-STORY WOOD FRAMED BUILDING
-  SP-1 4' THK. CONCRETE PAVING
-  SP-6 APRON PAVING
-  SP-8 AC PAVING
-  SD-1 SHRUBS AND GROUND COVER
-  TREE TO BE REMOVED, REF J-2
-  SHRUB TO BE REMOVED

**1 SITE DEMOLITION PLAN**  
1" = 10'-0"

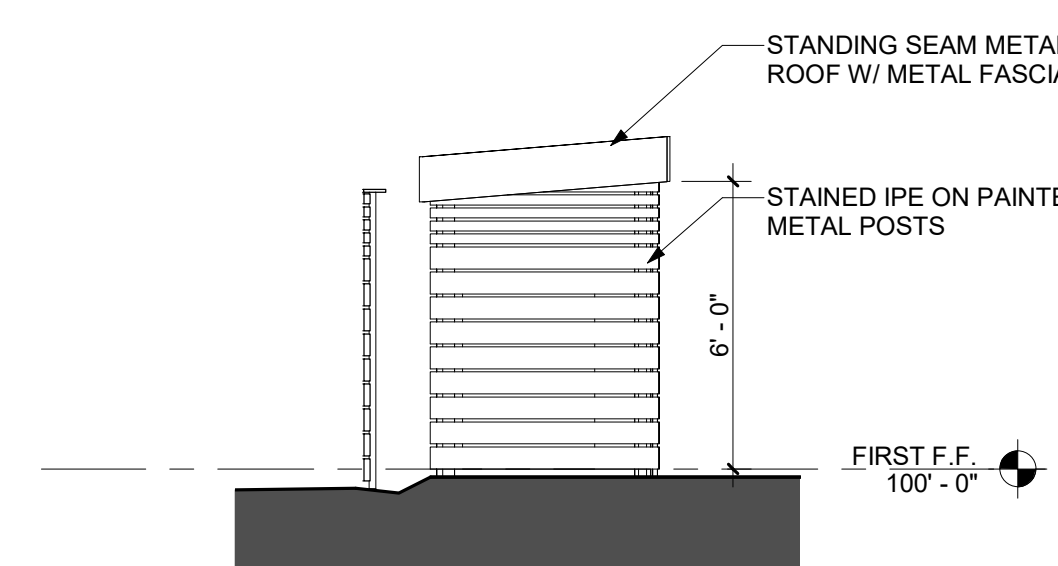




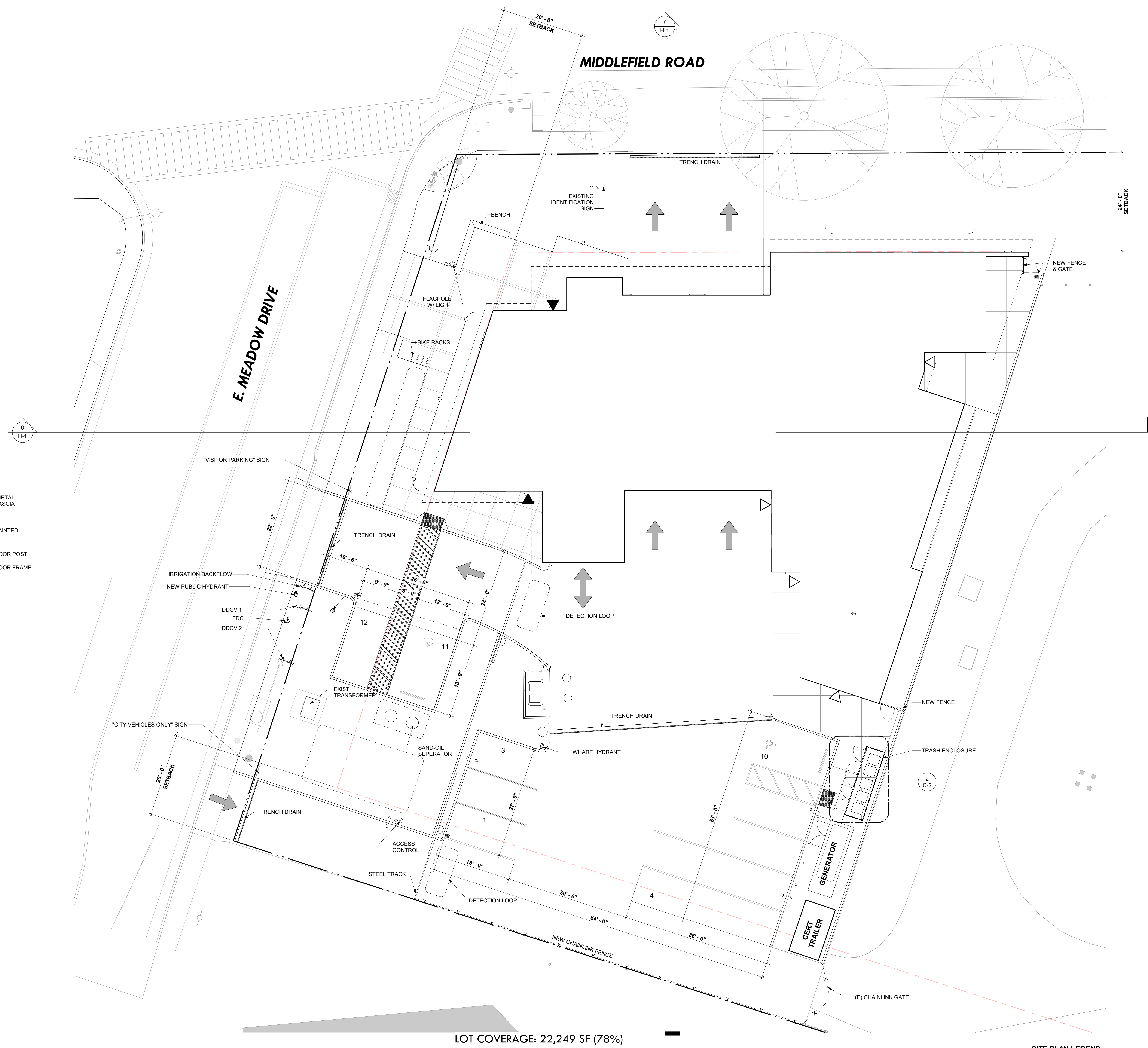
**2 ENLARGED TRASH ENCLOSURE PLAN**  
1/2" = 1'-0"



**3 ELEVATION - TRASH ENCLOSURE**  
1/4" = 1'-0"



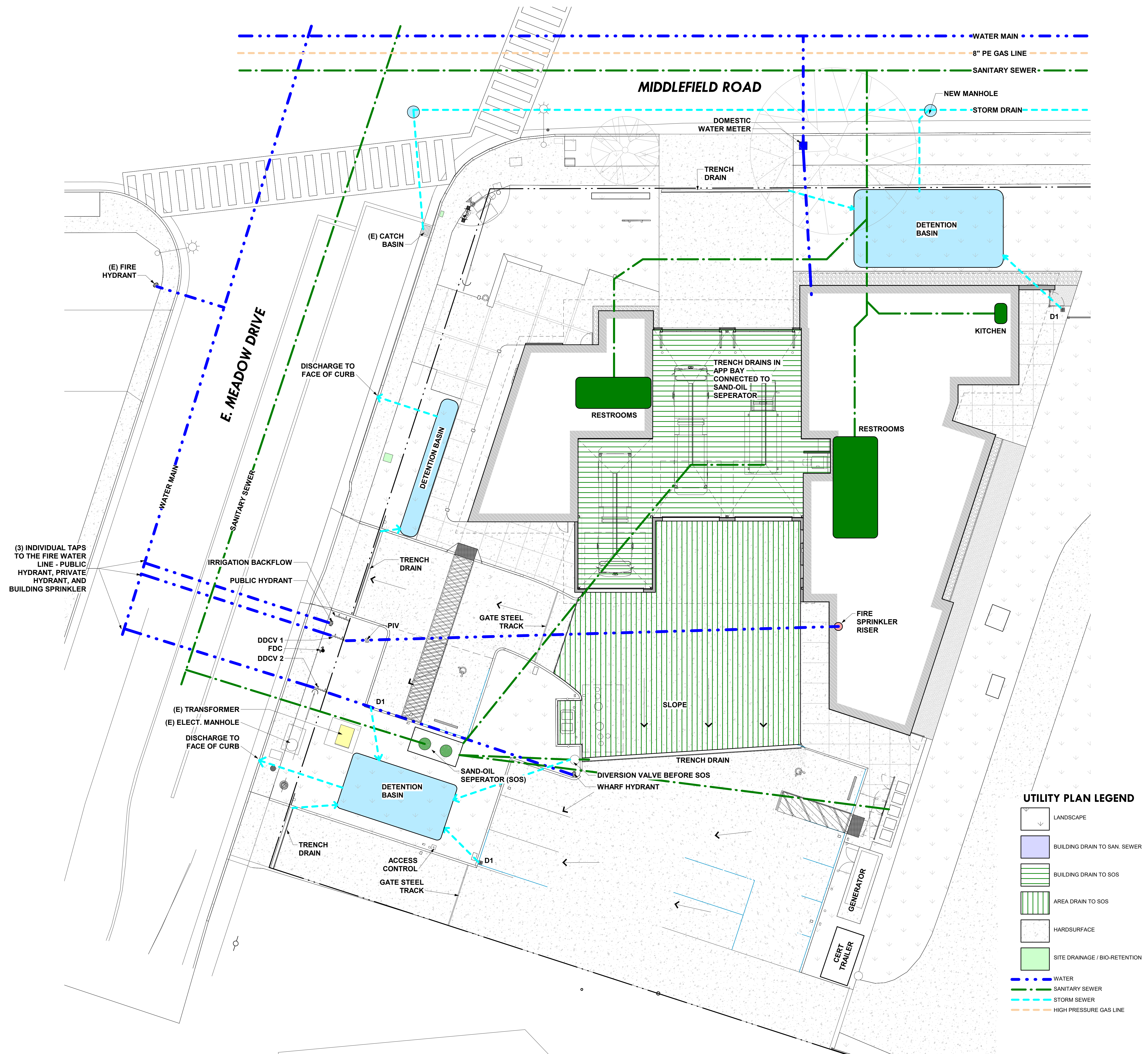
**4 ELEVATION - TRASH ENCLOSURE**  
1/4" = 1'-0"



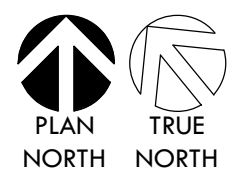
LOT COVERAGE: 22,249 SF (78%)

**1 SITE PLAN**  
1" = 10'-0"

- SITE PLAN LEGEND**
- ▲ ACCESSIBLE PUBLIC ENTRANCE
  - △ ACCESSIBLE ACCESS
  - X - NEW CHAINLINK FENCE



(3) INDIVIDUAL TAPS TO THE FIRE WATER LINE - PUBLIC HYDRANT, PRIVATE HYDRANT, AND BUILDING SPRINKLER



**1 SITE UTILITY & DRAINAGE PLAN**  
1" = 10'-0"

**UTILITY PLAN LEGEND**

- LANDSCAPE
- BUILDING DRAIN TO SAN. SEWER
- BUILDING DRAIN TO SOS
- AREA DRAIN TO SOS
- HARDSURFACE
- SITE DRAINAGE / BIO-RETENTION
- WATER
- SANITARY SEWER
- STORM SEWER
- HIGH PRESSURE GAS LINE



# POLLUTION PREVENTION — IT'S PART OF THE PLAN

Construction projects are required to implement year-round stormwater BMPs, as they apply to your project.

Runoff from streets and other paved areas is a major source of pollution to San Francisco Bay. Construction activities can directly affect the health of the Bay unless contractors and crews plan ahead to keep construction dirt, debris, and other pollutants out of storm drains and local creeks. Following these guidelines will ensure your compliance with City of Palo Alto Ordinance requirements.



## MATERIALS & WASTE MANAGEMENT

### Non-Hazardous Materials

- Berm and cover stockpiles of sand, dirt or other construction material with tarps when rain is forecast or when they are not in use.
- Use (but don't overuse) reclaimed water for dust control.
- Ensure dust control water doesn't leave site or discharge to storm drains.

### Hazardous Materials

- Label all hazardous materials and hazardous wastes (such as pesticides, paints, thinners, solvents, fuel, oil, and antifreeze) in accordance with city, county, state and federal regulations.
- Store hazardous materials and wastes in water tight containers, store in appropriate secondary containment, and cover them at the end of every work day or during wet weather or when rain is forecast.
- Follow manufacturer's application instructions for hazardous materials and do not use more than necessary. Do not apply chemicals outdoors when rain is forecast within 24 hours.
- Arrange for appropriate disposal of all hazardous wastes.

### Waste Management

- Cover and maintain dumpsters. Check frequently for leaks. Place dumpsters under roofs or cover with tarps or plastic sheeting secured around the outside of the dumpster. A plastic liner is recommended to prevent leaks. Never clean out a dumpster by hosing it down on the construction site.
- Place portable toilets away from storm drains. Make sure they are in good working order. Check frequently for leaks.
- Dispose of all wastes and demolition debris properly. Recycle materials and wastes that can be recycled, including solvents, water-based paints, vehicle fluids, broken asphalt and concrete, wood, and cleared vegetation.
- Dispose of liquid residues from paints, thinners, solvents, glues, and cleaning fluids as hazardous waste.
- Keep site clear of litter (e.g. lunch items, cigarette butts).
- Prevent litter from uncovered loads by covering loads that are being transported to and from site.

### Construction Entrances and Perimeter

- Establish and maintain effective perimeter controls and stabilize all construction entrances and exits to sufficiently control erosion and sediment discharges from site and tracking off site.
- Sweep or vacuum any street tracking immediately and secure sediment source to prevent further tracking. Never hose down streets to clean up tracking.



## EQUIPMENT MANAGEMENT & SPILL CONTROL

### Maintenance and Parking

- Designate an area of the construction site, well away from streams or storm drain inlets and fitted with appropriate BMPs, for auto and equipment parking, and storage.
- Perform major maintenance, repair jobs, and vehicle and equipment washing off site.
- If refueling or vehicle maintenance must be done onsite, work in a bermed area away from storm drains and over a drip pan or drop cloths big enough to collect fluids. Recycle or dispose of fluids as hazardous waste.
- If vehicle or equipment cleaning must be done onsite, clean with water only in a bermed area that will not allow rinse water to run into gutters, streets, storm drains, or surface waters.
- Do not clean vehicle or equipment onsite using soaps, solvents, degreasers, or steam cleaning equipment, and do not use diesel oil to lubricate equipment or parts onsite.

### Spill Prevention and Control

- Keep spill cleanup materials (e.g., rags, absorbents and cat litter) available at the construction site at all times.
- Maintain all vehicles and heavy equipment. Inspect frequently for and repair leaks. Use drip pans to catch leaks until repairs are made.
- Clean up leaks, drips and other spills immediately and dispose of cleanup materials properly.
- Use dry cleanup methods whenever possible (absorbent materials, cat litter and/or rags).
- Sweep up spilled dry materials immediately. Never attempt to "wash them away" with water, or bury them.
- Clean up spills on dirt areas by digging up and properly disposing of contaminated soil.
- Report any hazardous materials spills immediately! Call City of Palo Alto Communications, (650) 329-2413. If the spill poses a significant hazard to human health and safety, property or the environment, you must report it to the State Office of Emergency Services. (800) 852-7550 (24 hours).



## EARTHMOVING

### Grading and Earthwork

- Schedule grading and excavation work during dry weather.
- Stabilize all denuded areas, install and maintain temporary erosion controls (such as erosion control fabric or bonded fiber matrix) until vegetation is established.
- Remove existing vegetation only when absolutely necessary, plant temporary vegetation for erosion control on slopes or where construction is not immediately planned.
- Prevent sediment from migrating offsite and protect storm drain inlets, drainage courses and streams by installing and maintaining appropriate BMPs (e.g., silt fences, gravel bags, fiber rolls, temporary swales, etc.).
- Keep excavated soil on site and transfer it to dump trucks on site, not in the streets.

### Contaminated Soils

- If any of the following conditions are observed, test for contamination and contact the Regional Water Quality Control Board:
  - Unusual soil conditions, discoloration, or odor.
  - Abandoned underground tanks.
  - Abandoned wells.
  - Buried barrels, debris, or trash.
- If the above conditions are observed, document any signs of potential contamination and clearly mark them so they are not disturbed by construction activities.

### Landscaping

- Protect stockpiled landscaping materials from wind and rain by storing them under tarps all year-round.
- Stack bagged material on pallets and under cover.
- Discontinue application of any erodible landscape material within 2 days before a forecast rain event or during wet weather.



## CONCRETE MANAGEMENT & DEWATERING

### Concrete Management

- Store both dry and wet materials under cover, protected from rainfall and runoff and away from storm drains or waterways. Store materials off the ground, on pallets. Protect dry materials from wind.
- Wash down exposed aggregate concrete only when the wash water can (1) flow onto a dirt area; (2) drain onto a bermed surface from which it can be pumped and disposed of properly; or (3) block any storm drain inlets and vacuum washwater from the gutter. If possible, sweep first.
- Wash out concrete equipment/trucks offsite or in a designated washout area, where the water will flow into a temporary waste pit, and make sure wash water does not leach into the underlying soil. (See CASQA Construction BMP Handbook for properly designed concrete washouts.)

### Dewatering

- Reuse water for dust control, irrigation or another on-site purpose to the greatest extent possible.
- Be sure to obtain a Permit for Construction in the Public Street from Public Works Engineering before discharging water to a street, gutter, or storm drain. Call the Regional Water Quality Control Plant (RWQCP) at (650) 329-2598 for an inspection prior to commencing discharge. Use filtration or diversion through a basin, tank, or sediment trap as required by the approved dewatering plan. Dewatering is not permitted from October to April.
- In areas of known contamination, testing is required prior to reuse or discharge of groundwater. Consult with the City inspector to determine what testing to do and to interpret results. Contaminated groundwater must be treated or hauled off-site for proper disposal.



## PAVING/ASPHALT WORK

### Paving

- Avoid paving and seal coating in wet weather or when rain is forecast, to prevent materials that have not cured from contacting stormwater runoff.
- Cover storm drain inlets and manholes when applying seal coat, slurry seal, fog seal, or similar materials.
- Collect and recycle or appropriately dispose of excess abrasive gravel or sand. Do NOT sweep or wash it into gutters.

### Sawcutting & Asphalt/Concrete Removal

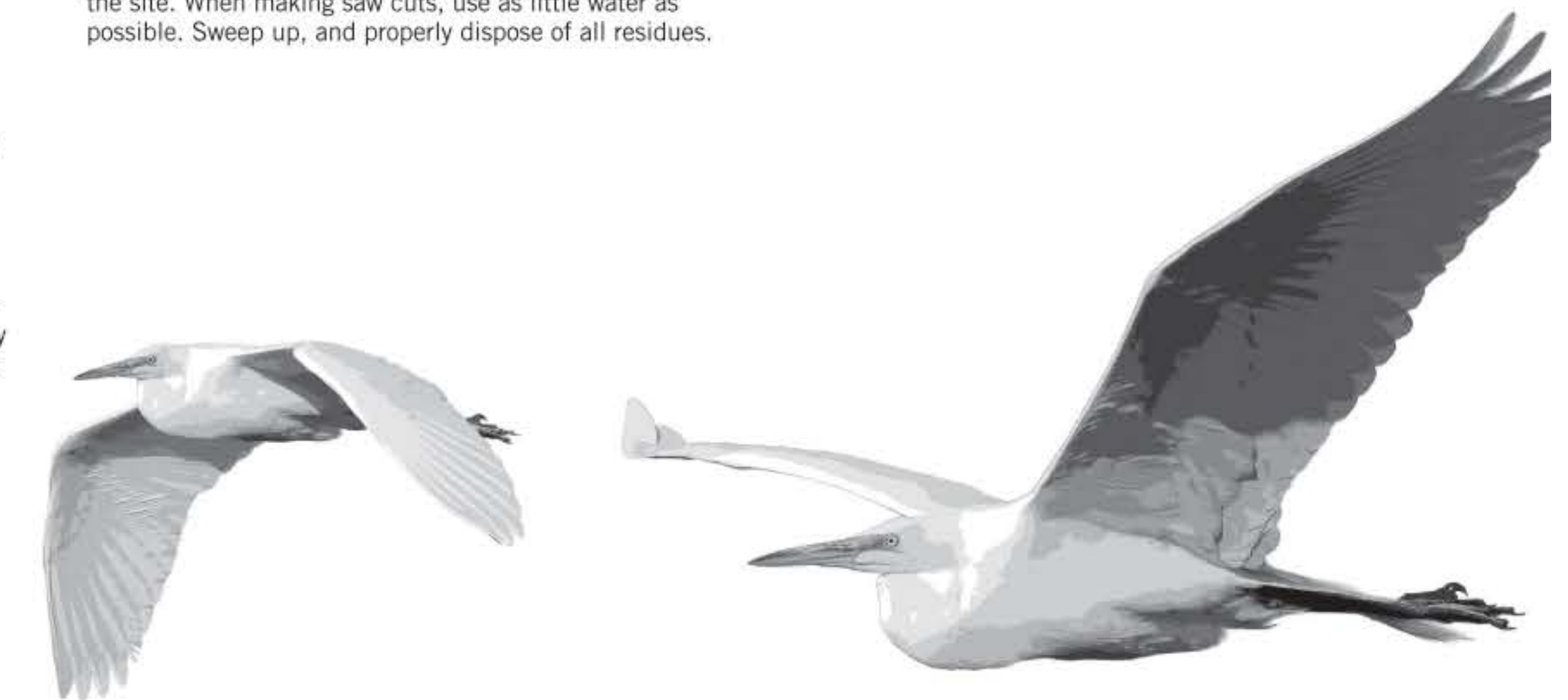
- Protect storm drain inlets during saw cutting.
- If saw cut slurry enters a catch basin, clean it up immediately.
- Shovel or vacuum saw cut slurry deposits and remove from the site. When making saw cuts, use as little water as possible. Sweep up, and properly dispose of all residues.



## PAINTING & PAINT REMOVAL

### Painting Cleanup and Removal

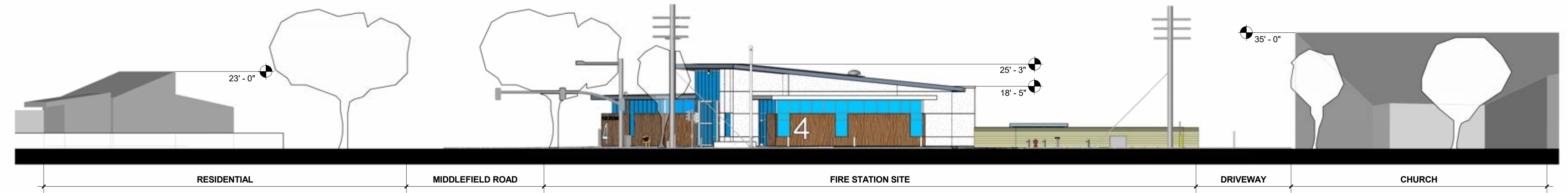
- Never clean brushes or rinse paint containers into a street, gutter, storm drain, or stream.
- For water-based paints, paint out brushes to the extent possible, and rinse into a drain that goes to the sanitary sewer. Never pour paint down a storm drain.
- For oil-based paints, paint out brushes to the extent possible and clean with thinner or solvent in a proper container. Filter and reuse thinners and solvents. Dispose of excess liquids as hazardous waste.
- Sweep up or collect paint chips and dust from non-hazardous dry stripping and sand blasting into plastic drop cloths and dispose of as trash.
- Chemical paint stripping residue and chips and dust from marine paints or paints containing lead, mercury, or tributyltin must be disposed of as hazardous waste. Lead based paint removal requires a state certified contractor.



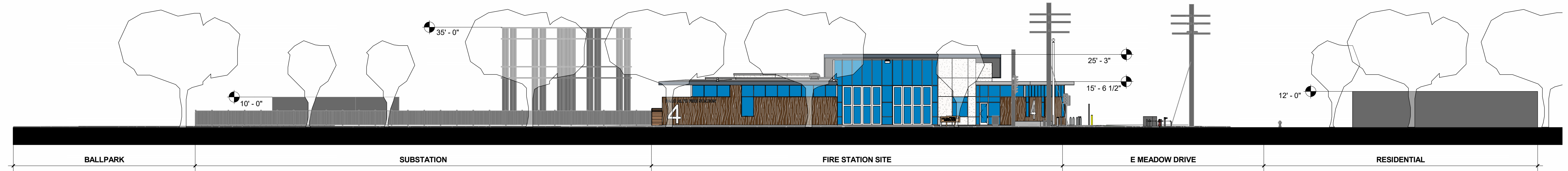
**STORM DRAIN POLLUTERS MAY BE LIABLE FOR FINES OF UP TO \$10,000 PER DAY!**

250 Hamilton Avenue  
Palo Alto, CA 94301  
650.329.2211  
cityofpaloalto.org





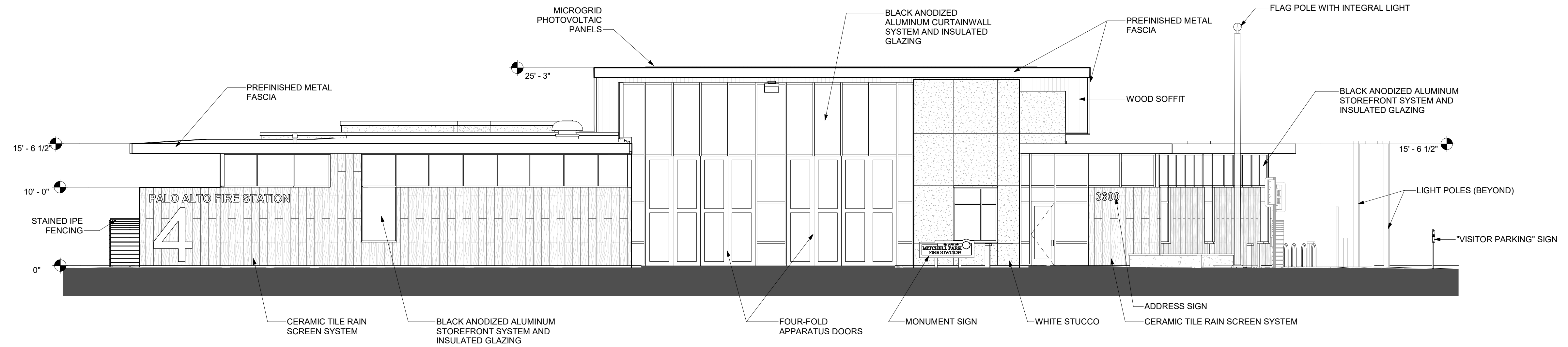
**1 STREETScape ELEVATION - ALONG EAST MEADOW DRIVE**  
 1" = 20'-0"



**2 STREETScape ELEVATION - ALONG MIDDLEFIELD ROAD**  
 1" = 20'-0"

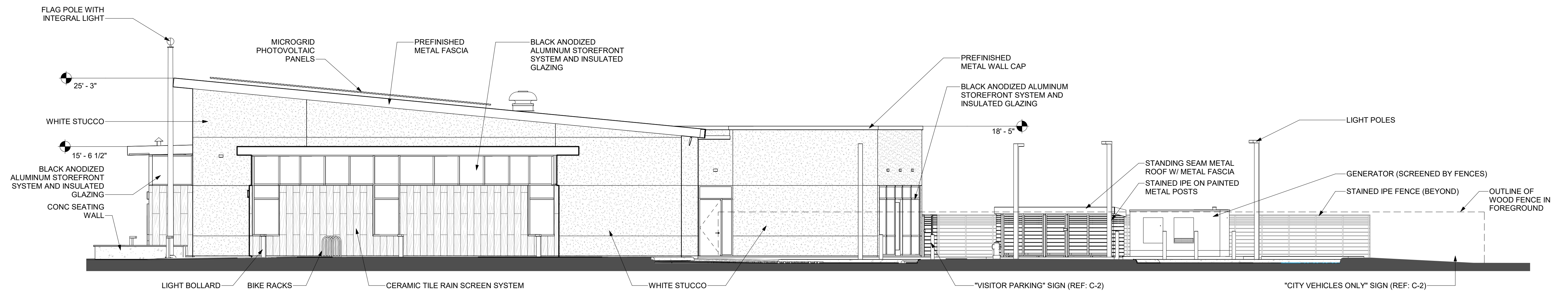
**1 EXTERIOR ELEVATION (NORTH)**

1/8" = 1'-0"



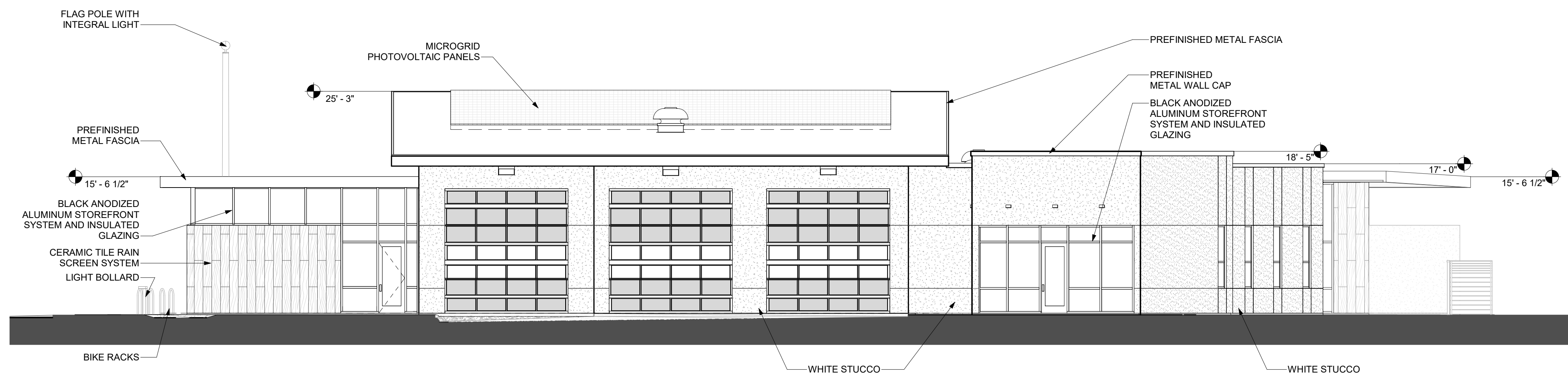
**2 EXTERIOR ELEVATION (WEST)**

1/8" = 1'-0"



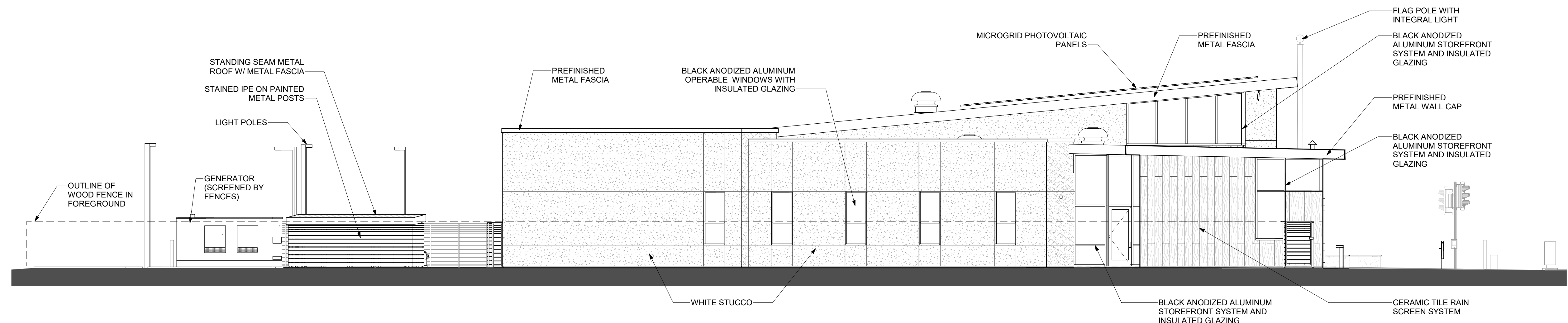
**3 EXTERIOR ELEVATION (SOUTH)**

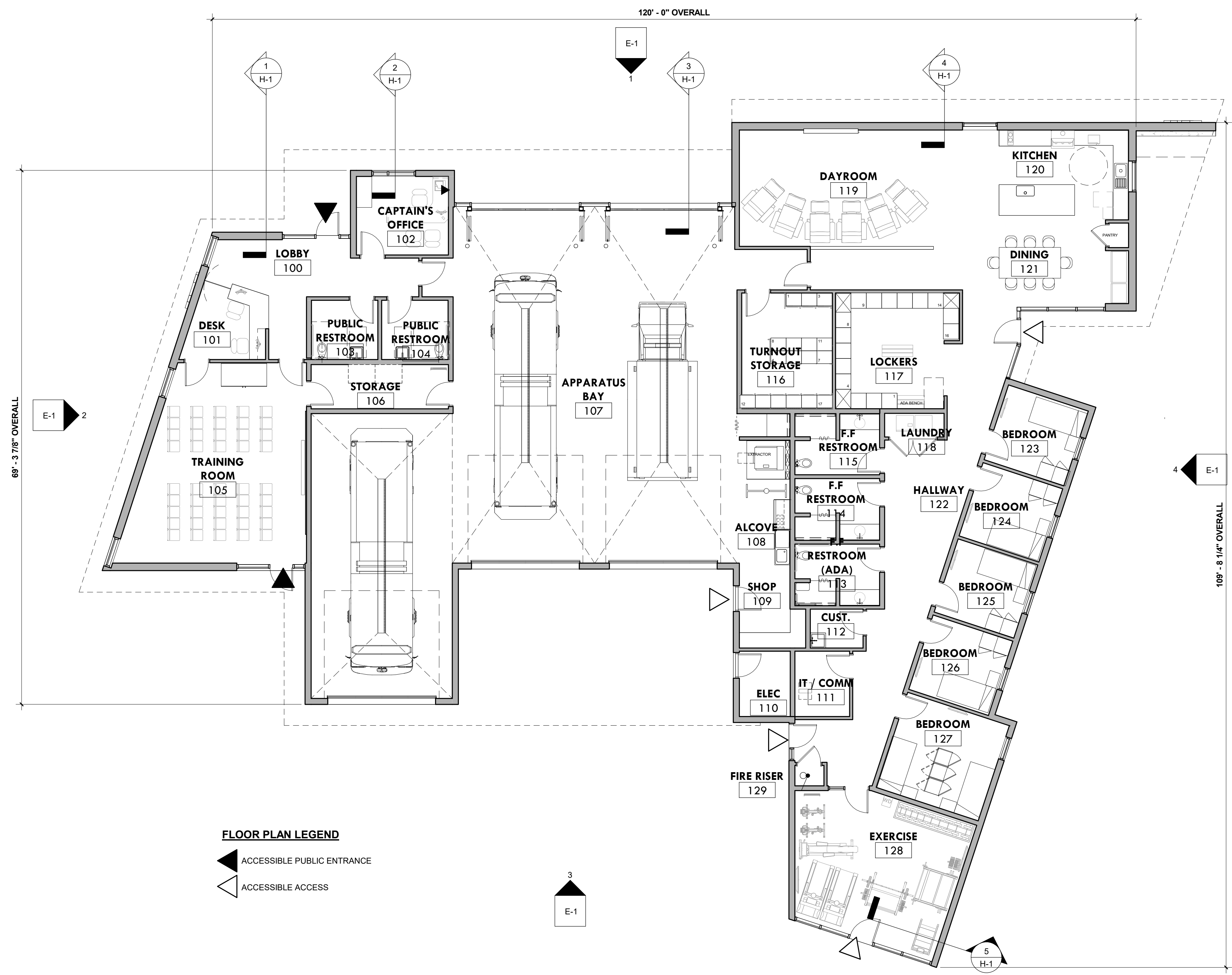
1/8" = 1'-0"



**4 EXTERIOR ELEVATION (EAST)**

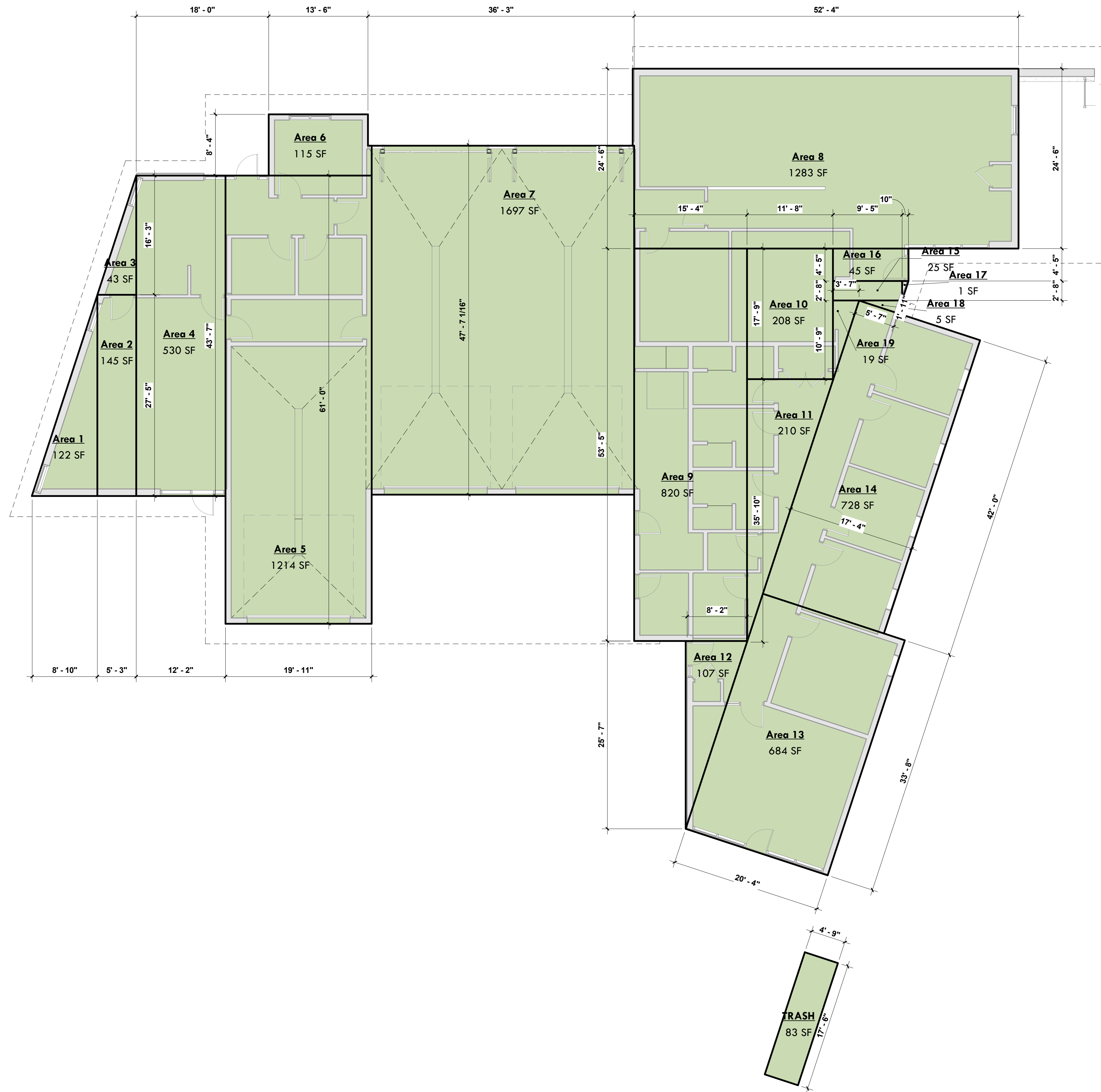
1/8" = 1'-0"



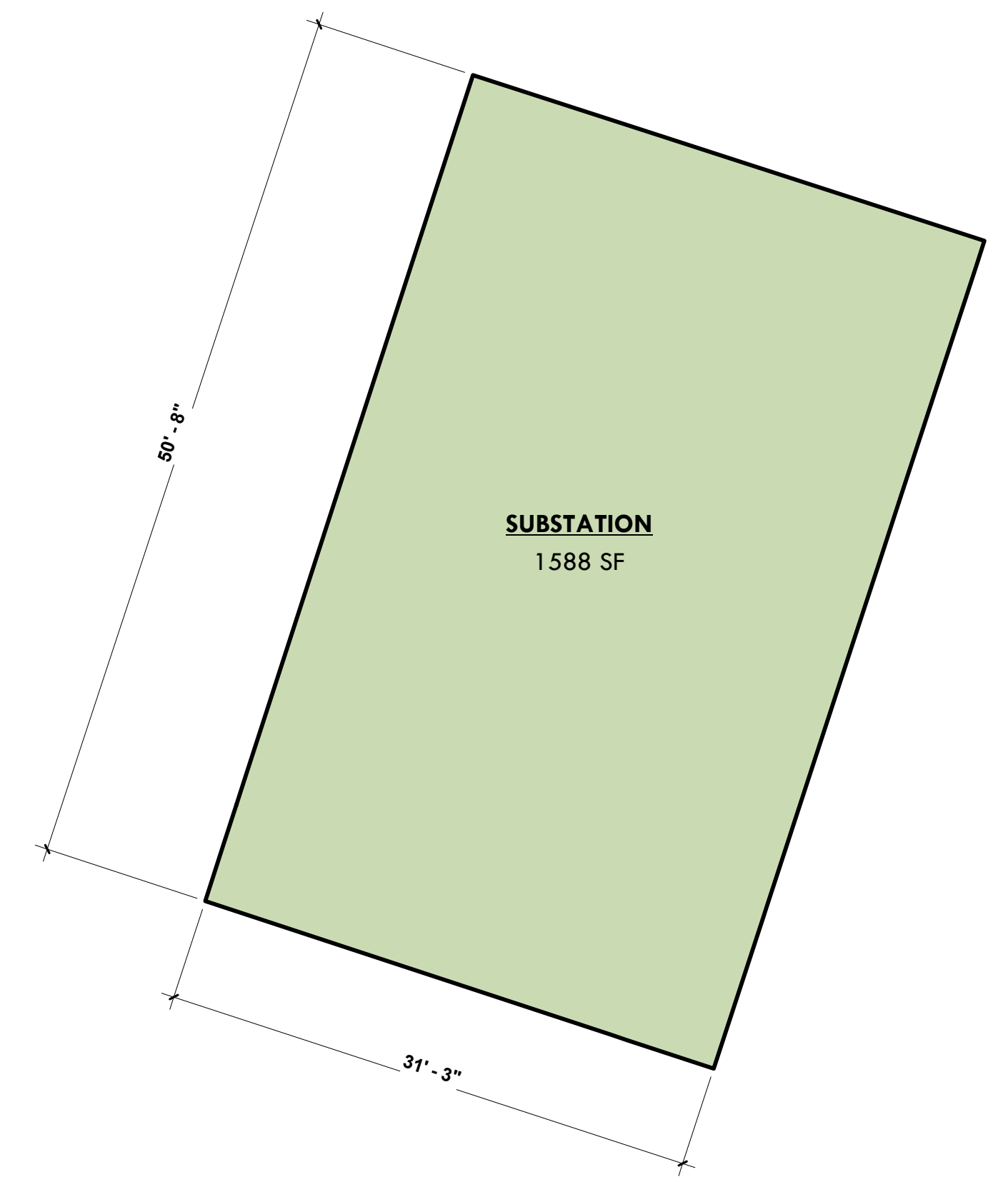


**FLOOR PLAN LEGEND**  
 ◀ ACCESSIBLE PUBLIC ENTRANCE  
 ◀ ACCESSIBLE ACCESS

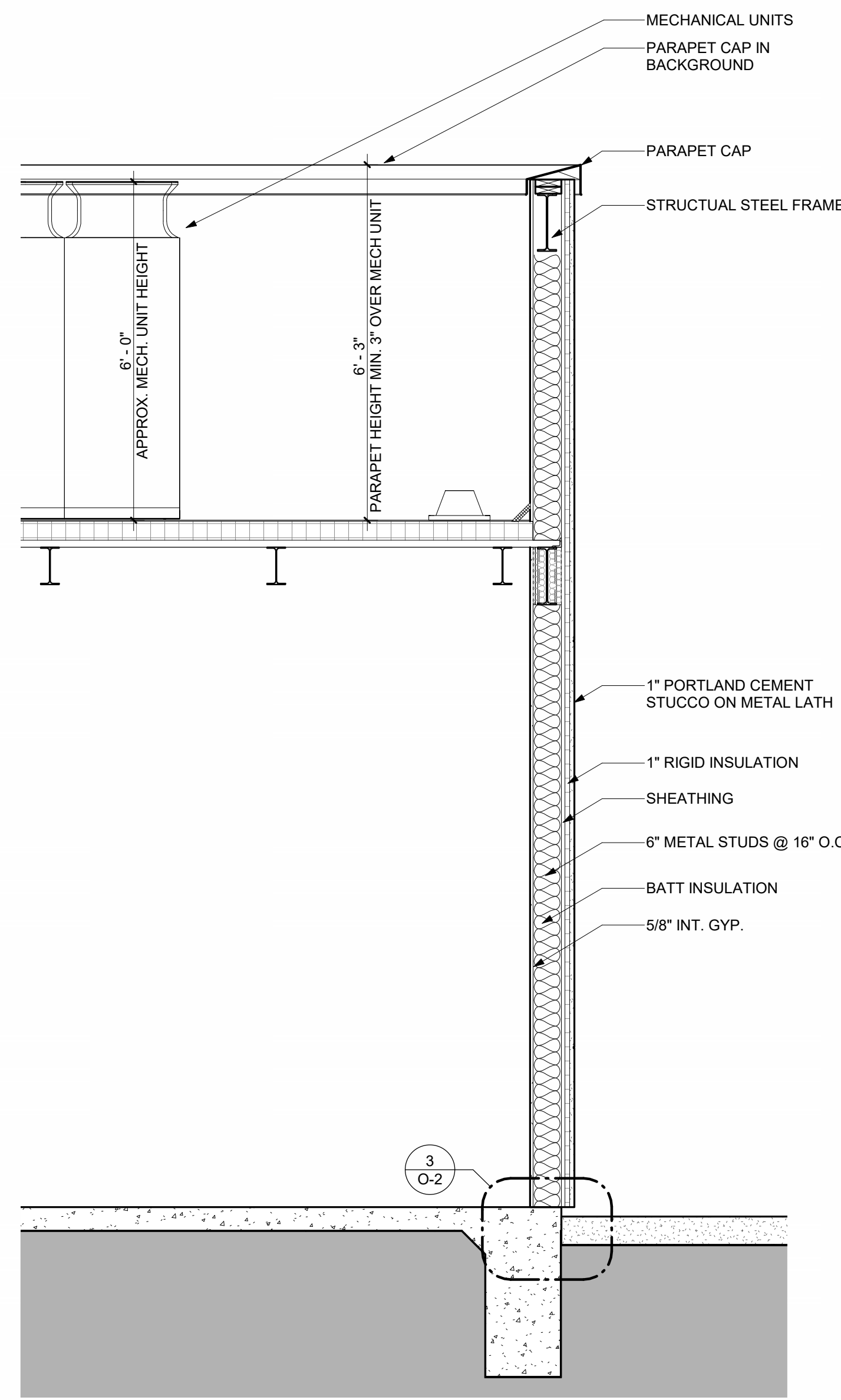
**1 FLOOR PLAN**  
 1/8" = 1'-0"  
 PLAN NORTH



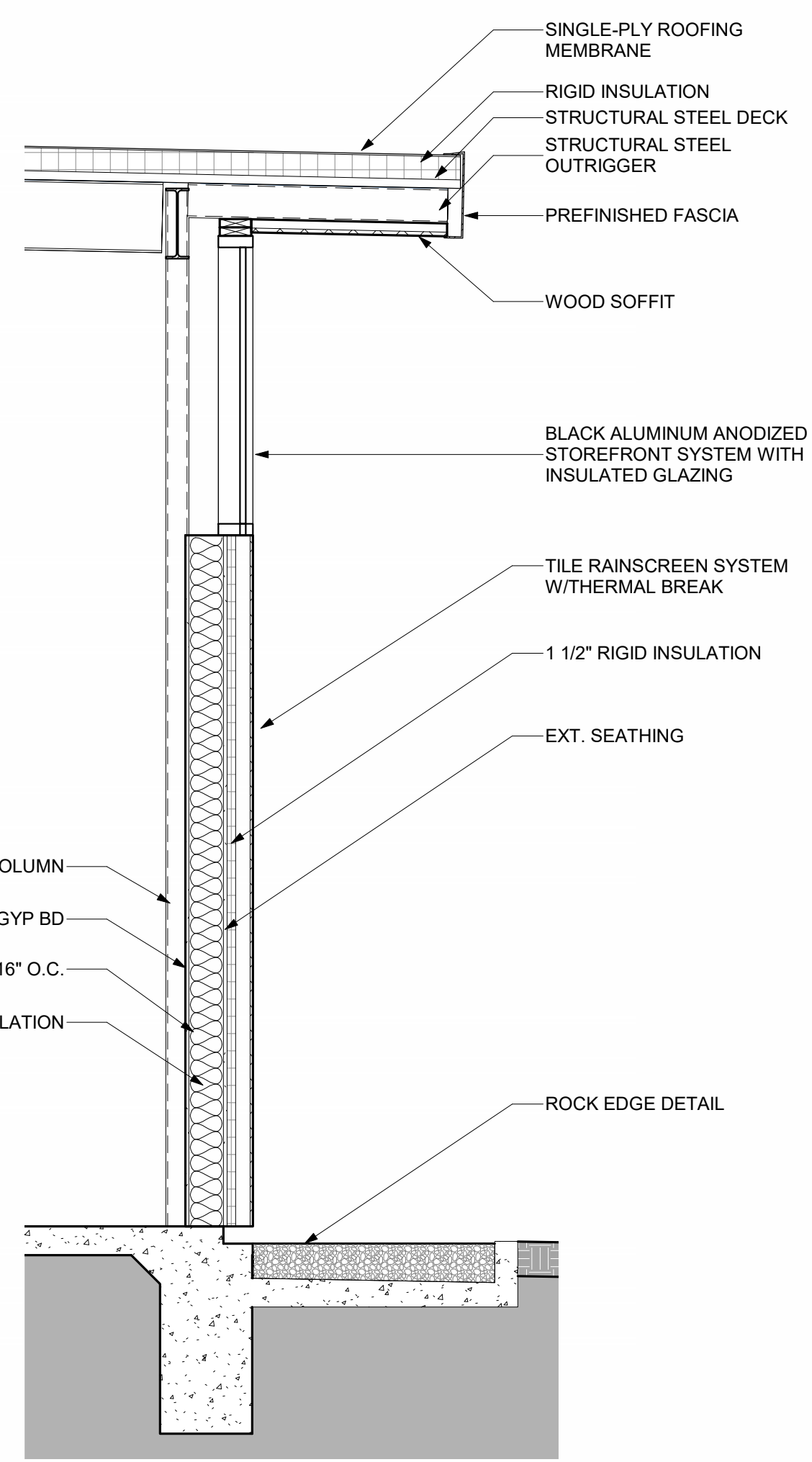
FAR SCHEDULE		
PROPOSED F.S.	Calculation	Area
Area 1	1/2 (8'-10" x 27'-5")	122 SF
Area 2	5'-3" x 27'-5"	145 SF
Area 3	1/2 (5'-3" x 16'-3")	43 SF
Area 4	12'-2" x 43'-8"	530 SF
Area 5	19'-11" x 61'-0"	1214 SF
Area 6	13'-6" x 8'-4"	115 SF
Area 7	36'-3" x 47'-8"	1697 SF
Area 8	52'-4" x 24'-8"	1283 SF
Area 9	15'-4" x 53'-5"	820 SF
Area 10	11'-8" x 17'-9"	208 SF
Area 11	1/2 (11'-8" x 35'-10")	210 SF
Area 12	1/2 (8'-4" x 25'-7")	107 SF
Area 13	20'-4" x 33'-8"	684 SF
Area 14	17'-4" x 42'-0"	728 SF
Area 15	9'-5" x 2'-8"	25 SF
Area 16	9'-5" x 4'-5"	45 SF
Area 17	1/2 (0'-10" x 2'-8")	1 SF
Area 18	1/2 (5'-7" x 1'-11")	5 SF
Area 19	1/2 (3'-7" x 10'-9")	19 SF
		8001 SF
TRASH	4'-9" x 17'-5"	83 SF
		83 SF
SUBSTATION	31'-3" x 50'-8"	1588 SF
		1588 SF
TOTAL AREA:		9672 SF



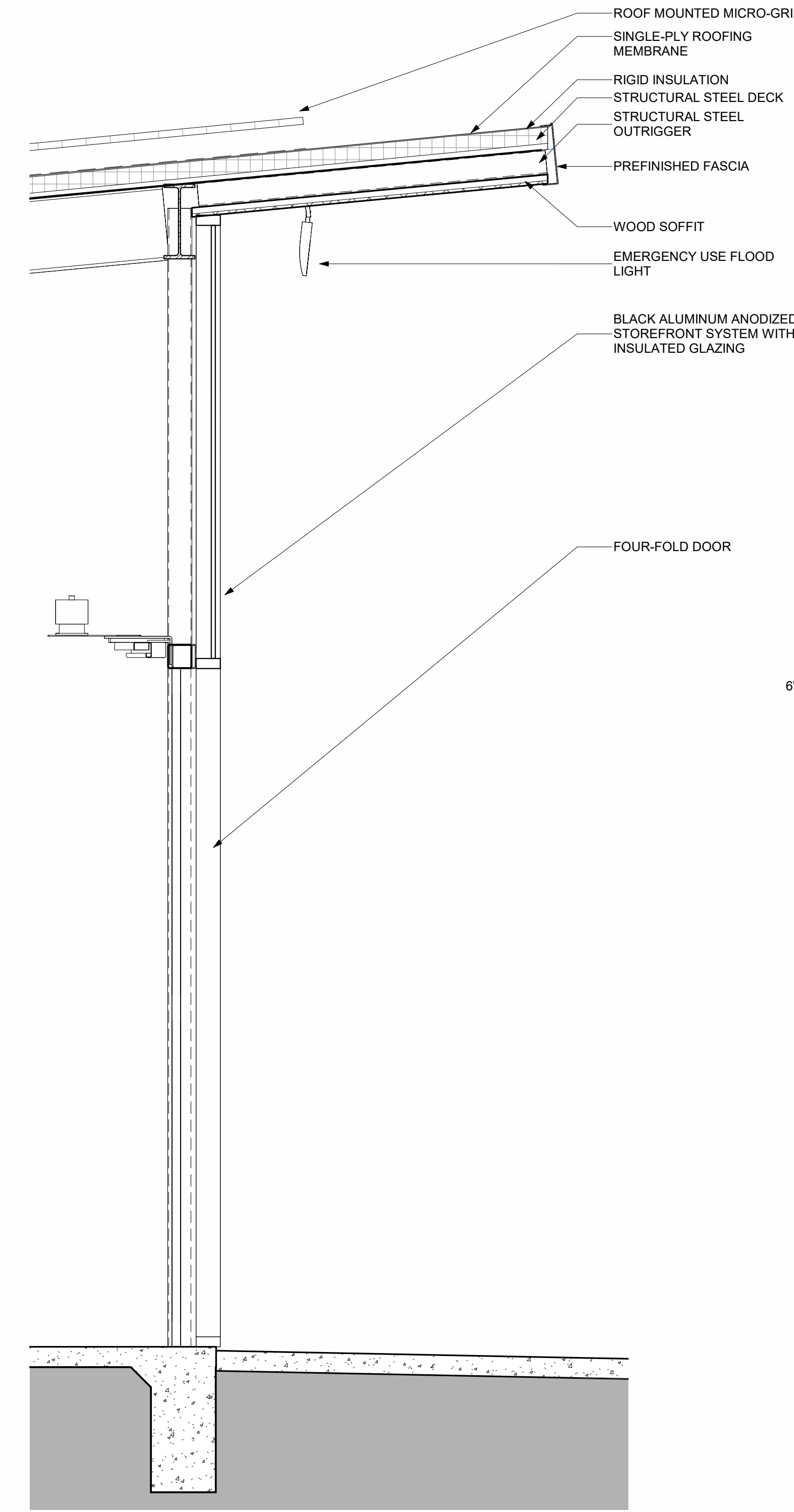
**1 FAR DIAGRAM**  
1/8" = 1'-0"



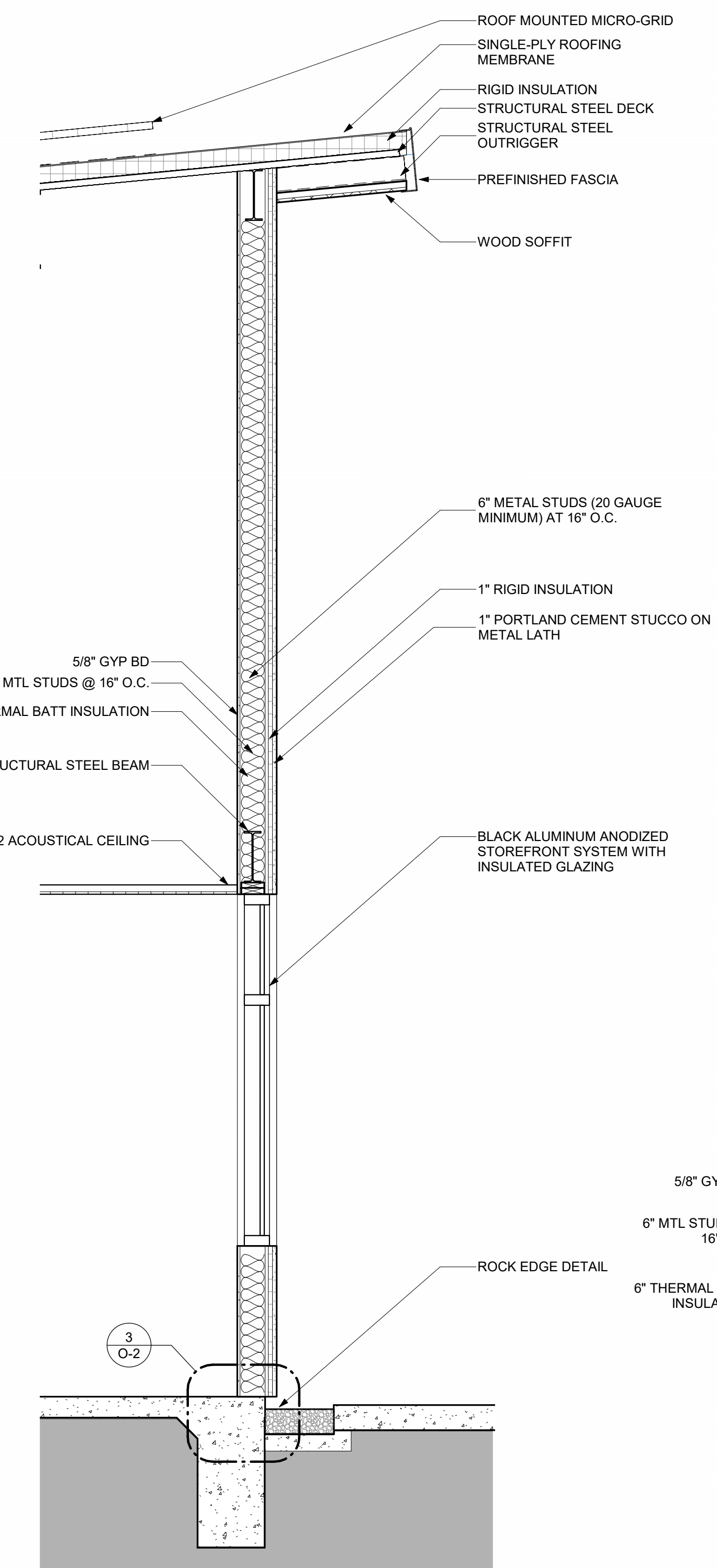
**5 SC-WALL SECTION PARAPET**  
1/2" = 1'-0"



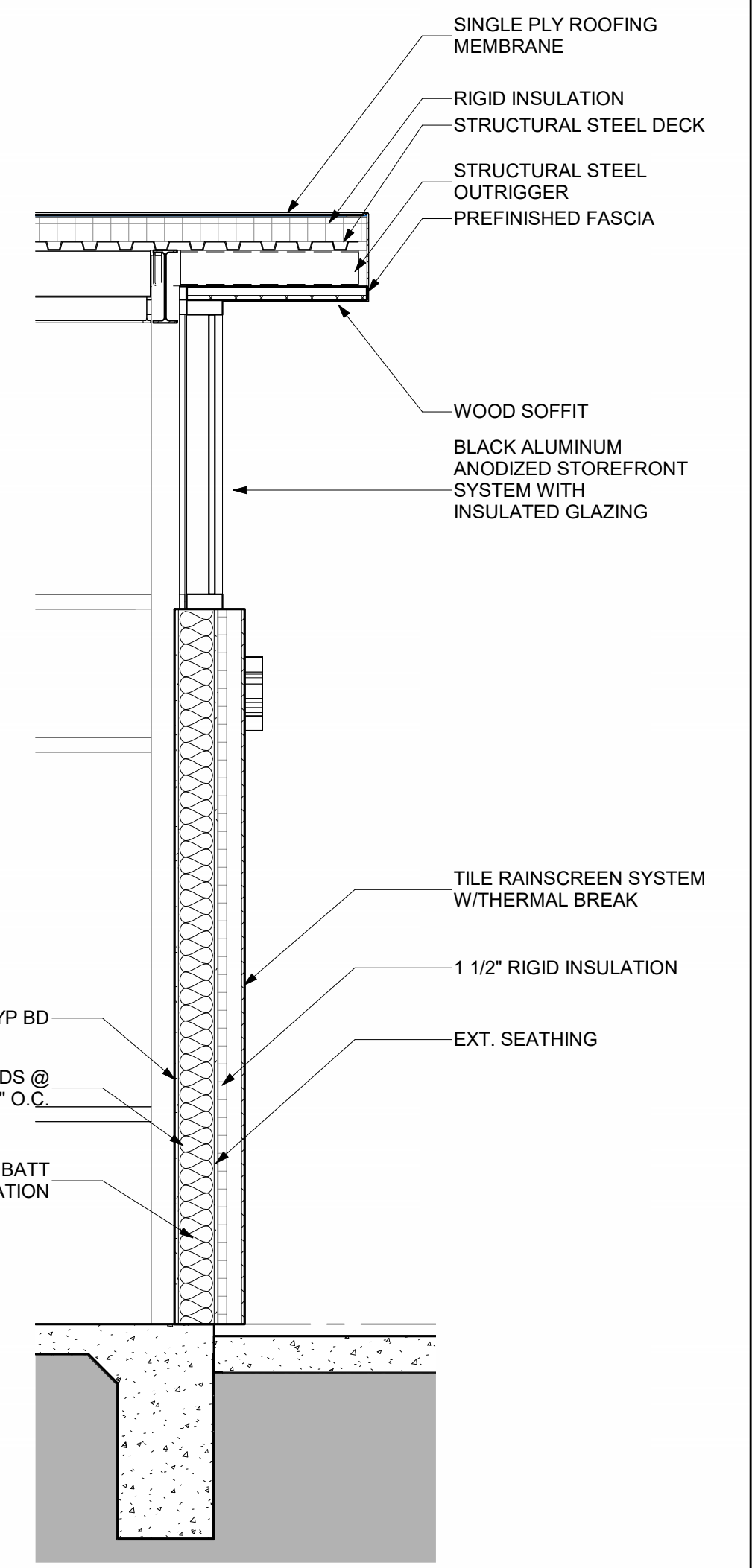
**4 WALL SECTION**  
1/2" = 1'-0"



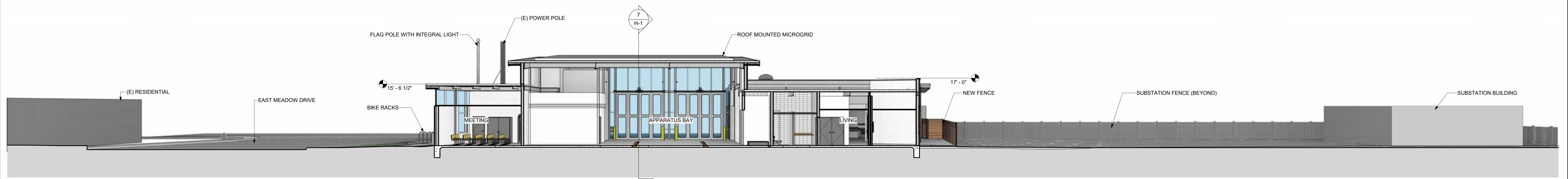
**3 WALL SECTION**  
1/2" = 1'-0"



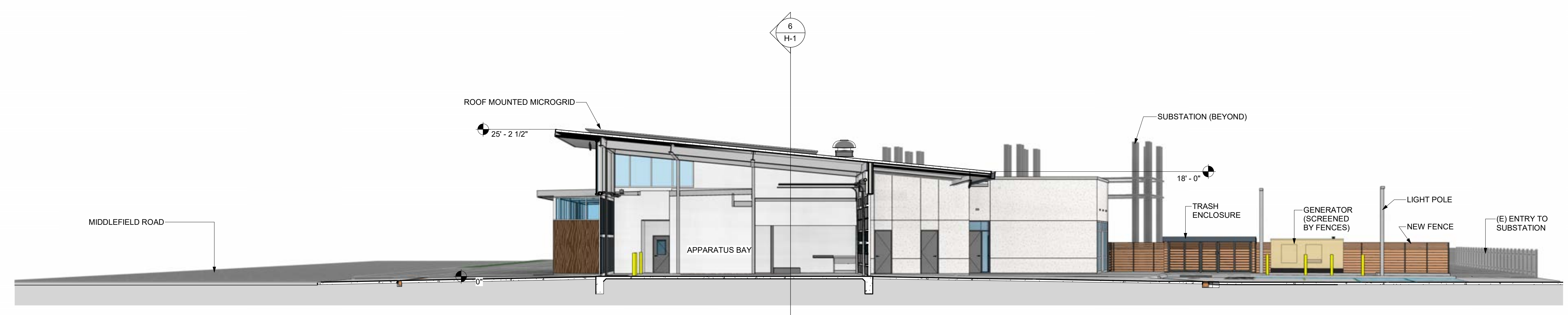
**2 WALL SECTION**  
1/2" = 1'-0"



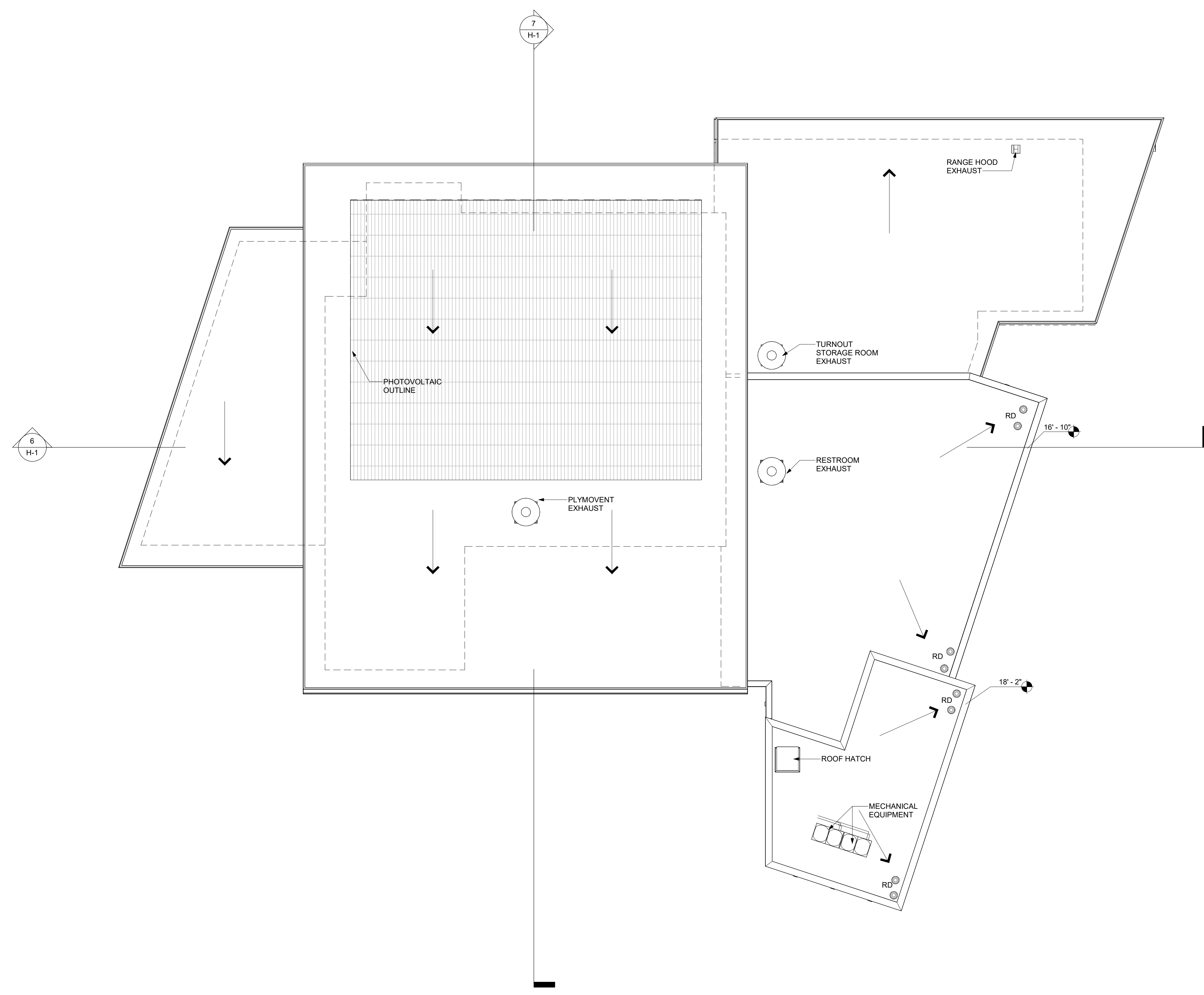
**1 WALL SECTION**  
1/2" = 1'-0"



**6 SITE SECTION - EAST/WEST**  
1" = 10'-0"



**7 SITE SECTION - NORTH/SOUTH**  
1" = 10'-0"



**1 ROOF PLAN**  
 1/8" = 1'-0"





### Proposed Plant Legend

Symbol	Botanical Name	Common Name	Size	H x W	Remarks	Wat. Use
<b>Street, Accent &amp; Specimen Trees</b>						
ACE	<i>Acer circinatum</i>	Vine Maple	24" Box	25' h x 25' w	-	M
ACM	<i>Acer macrophyllum</i>	Bigleaf Maple	24" Box	40' h x 40' w	-	M
ARB	<i>Arbutus 'Marina'</i>	Strawberry Tree	24" Box	20' h x 20' w	-	L
COR	<i>Cornus 'Eddie's White Wonder'</i>	Pacific Dogwood	24" box	20' h x 15' w	-	M
HET	<i>Heteromeles arbutifolia</i>	Toyon	24" Box	10' h x 10' w	-	L
LAU	<i>Laurus nobilis 'Saratoga'</i>	Bay Laurel	24" Box	25' h x 20' w	-	L
MAG	<i>Magnolia stellata 'Royal Star'</i>	Star Magnolia	24" Box	12' h x 10' w	-	M
PLA	<i>Platanus racemosa</i>	California Sycamore	24" Box	40' h x 30' w	-	M
QUA	<i>Quercus agrifolia</i>	Coast Live Oak	24" Box	45' h x 30' w	-	VL
QUI	<i>Quercus ilex</i>	Holly Oak	24" Box	40' h x 40' w	-	L
QUS	<i>Quercus suber</i>	Cork Oak	24" Box	40' h x 40' w	-	L
<b>Shrubs</b>						
AM	<i>Achillea x 'Moonshine'</i>	Yarrow	5 gallon	2' h x 2' w	-	L
AB	<i>Agave 'Blue Flame'</i>	Agave	5 gallon	2' h x 3' w	-	VL
BG	<i>Bouteloua gracilis</i>	Blue Grama Grass	1 gallon	2' h x 3' w	-	L
CT	<i>Carex tumulicola</i>	Berkeley Sedge	1 gallon	1' h x 2' w	-	L
CC	<i>Ceanothus Valley Violet</i>	California Mountain Lilac	5 gallon	2' h x 3' w	-	L
EW	<i>Erigeron 'Wayne Roderick'</i>	Seaside Daisy	1 gallon	1' h x 2' w	-	M
EG	<i>Eriogonum grande var. rubescens</i>	Red Buckwheat	1 gallon	1' h x 3' w	-	L
HR	<i>Heuchera 'Rosada'</i>	Hybrid Coral Bell	1 gallon	2' h x 2' w	-	M
LG	<i>Lavandula x gingsail 'Goodwin Creek'</i>	English Lavender	1 gallon	2' h x 3' w	-	L
LL	<i>Leonotis leonurus</i>	Lion's Tail	5 gallon	4' h x 4' w	-	L
LB	<i>Lomandra 'Breeze'</i>	Dwarf Mat Rush	5 gallon	2' h x 3' w	-	L
RS	<i>Ribes sanguineum</i>	Pink Flowered Currant	5 gallon	5' h x 5' w	-	L
SJ	<i>Spiraea japonica 'Painted Lady'</i>	Double Play Painted Lady Spirea	5 gallon	3' h x 3' w	-	M
TF	<i>Teucrium fruticans 'Azureum'</i>	Bush Germander	5 gallon	3' h x 4' w	-	L
<b>Groundcover</b>						
B	<i>Baccharis pilularis 'Pigeon Point'</i>	Pigeon Point Dwarf Coyote Brush	1 gallon	1.5' h x 6' w	72" o.c. spacing	L
E	<i>Epilobium 'Select Mattole'</i>	California Fuchsia	1 gallon	1' h x 3' w	36" o.c. spacing	L
R	<i>Rosa 'Meistertmil'</i>	Lemon Drift Rose	2 gallon	1.5' h x 2.5' w	24" o.c. spacing	L
W	<i>Westringia fruticosa 'Mund'</i>	Low Coast Rosemary	1 gallon	2' h x 6' w	72" o.c. spacing	L

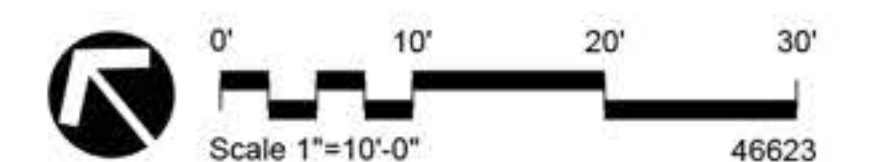
Note: Proposed shrub and tree legend are subject to change. Some trees noted in this legend may not be use. Legend is provided to show design intent. Final tree and shrub selection to be made during construction document phase.

### Irrigation System Note

- Irrigation system shall utilize domestic water supply and shall comply with the current City and State Model Water Efficient Landscape Ordinance (MWELO). Full construction documents with the required documentation including water efficient landscape worksheet, specific irrigation equipment, scheduling, soil analysis notes, etc. shall be provided for City review and approval prior to construction. Irrigation system shall be privately maintained and operated.

### Project Elements Legend

- |   |   |  |  |
|---|---|--|--|
| 1 Existing 5' concrete sidewalk, curb, and gutter per Architect's Plans, typ. | 8 Parking lot with accessible spaces per Architect's Plans, typ.                                    | 13 New Site trees intended for mitigation of removed trees, typ. | 19 Flag pole with light mounted on Concrete pad. |
| 2 Concrete paving per Architect's plans, typ.                                 | 9 Entry plaza with enhanced paving and seatwalls.   | 14 Multi-stem Native Oak Specimen Tree with Accent Lighting.     | 20 Fire Station Sign, per Architect's plans.     |
| 3 Asphalt paving per Architect's plans, typ.                                  | 10 Bike rack, typ.  | 15 Vertical accent shrub, typ.                                   |  |
| 4 Existing utilities per Architect's Plans, typ.                              | 11 Decorative landscape boulders repurposed from site, typ.   | 16 Planting area, typ.   |  |
| 5 Existing street tree to remain, typ of 4 trees.                             | 12 Bioretention basin with approved planting media per standards. Sized per Civil Engineer's plans. | 17 Decomposed granite paving.                                    |  |
| 6 Site visibility triangle, typ.  |   | 18 Utility clearance zone, typ.                                  |  |
| 7 Adjacent Electrical Utilities Yard.   |   |  |  |



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916.447.7400  
www.hlagroup.com  
CRLA 2770

PALO ALTO FIRE STATION NO.4  
REPLACEMENT

3600 MIDDLEFIELD ROAD  
PALO ALTO, CA 94303



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BROWN RETNOLDS WATFORD ARCHITECTS, INC.



## Proposed Plant Legend

Symbol	Botanical Name	Common Name	Size	H x W	Remarks	Wat. Use
<b>Street, Accent &amp; Specimen Trees</b>						
ACE	<i>Acer circinatum</i>	Vine Maple	24" Box	25' h x 25' w	-	M
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COR	<i>Cornus 'Eddie's White Wonder'</i>	Pacific Dogwood	24" box	20' h x 15' w	-	M
HET	<i>Heteromeles arbutifolia</i>	Toyon	24" Box	10' h x 10' w	-	L
LAU	<i>Laurus nobilis 'Saratoga'</i>	Bay Laurel	24" Box	25' h x 20' w	-	L
MAG	<i>Magnolia stellata 'Royal Star'</i>	Star Magnolia	24" Box	12' h x 10' w	-	M
PLA	<i>Platanus racemosa</i>	California Sycamore	24" Box	40' h x 30' w	-	M
QUA	<i>Quercus agrifolia</i>	Coast Live Oak	24" Box	45' h x 30' w	-	VL
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QUS	<i>Quercus suber</i>	Cork Oak	24" Box	40' h x 40' w	-	L
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E	<i>Epilobium 'Select Mattole'</i>	California Fuchsia	1 gallon	1' h x 3' w	36" o.c. spacing	L
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W	<i>Westringia fruticosa 'Mundi'</i>	Low Coast Rosemary	1 gallon	2' h x 6' w	72" o.c. spacing	L

Note: Proposed shrub and tree legend are subject to change. Some trees noted in this legend may not be use. Legend is provided to show design intent. Final tree and shrub selection to be made during construction document phase.

## Precedent Imagery



Bioretention with biofiltration sod



Native and low water use plantings



Cast in place seatwall with wood bench topper



Bike rack



Decorative landscape boulder repurposed from site

## Planting - Groundcover



*Baccharis pilularis 'Pigeon Point'* / Dwarf Coyote Brush



*Epilobium 'Select Mattole'* / California Fuchsia



*Westringia fruticosa 'Mundi'* / Low Coast Rosemary



*Leonotis leonurus* / Lion's Tail



*Ribes sanguineum* / Pink Flower Currant



*Teucrium fruticans 'Azureum'* / Bush Germander

## Planting - Trees and Shrubs



*Acer circinatum* / Vine Maple



*Arbutus 'Marina'* / Strawberry Tree



*Cornus nuttallii* / Pacific Dogwood



*Quecus agrifolia* / Coast Live Oak



*Achillea x 'Moonshine'* / Yarrow



*Agave 'Blue Flame'* / Agave



*Carex tumulicola* / Berkeley Sedge



*Ceanothus 'Valley Violet'* / California Mountain Lilac



*Erigeron 'Wayne Roderick'* / Seaside Daisy



*Heuchera 'Rosada'* / Hybrid Coral Bell



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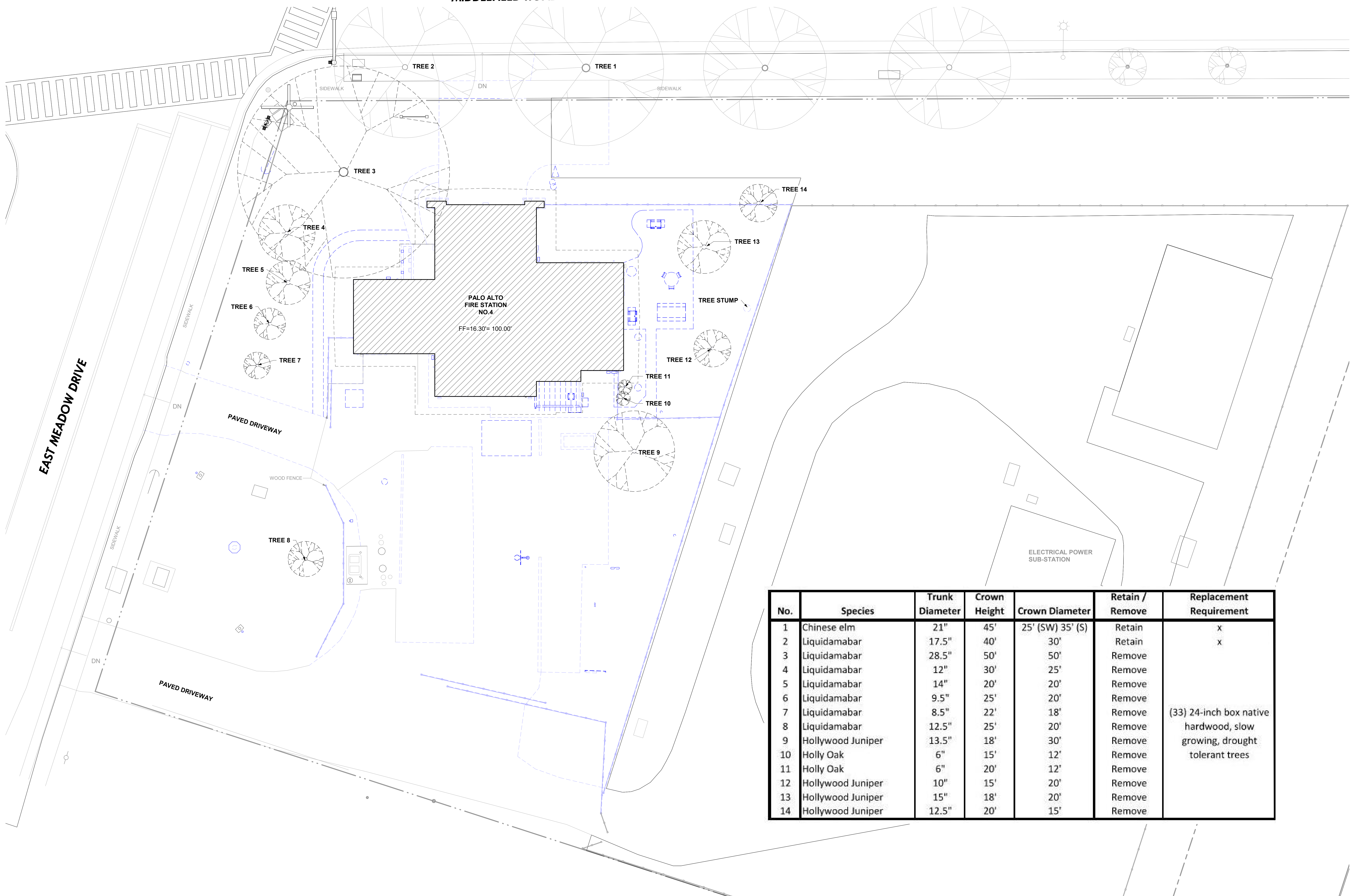


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J-2

PLANTING LEGENDS,  
NOTES, AND PHOTOS

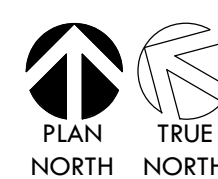
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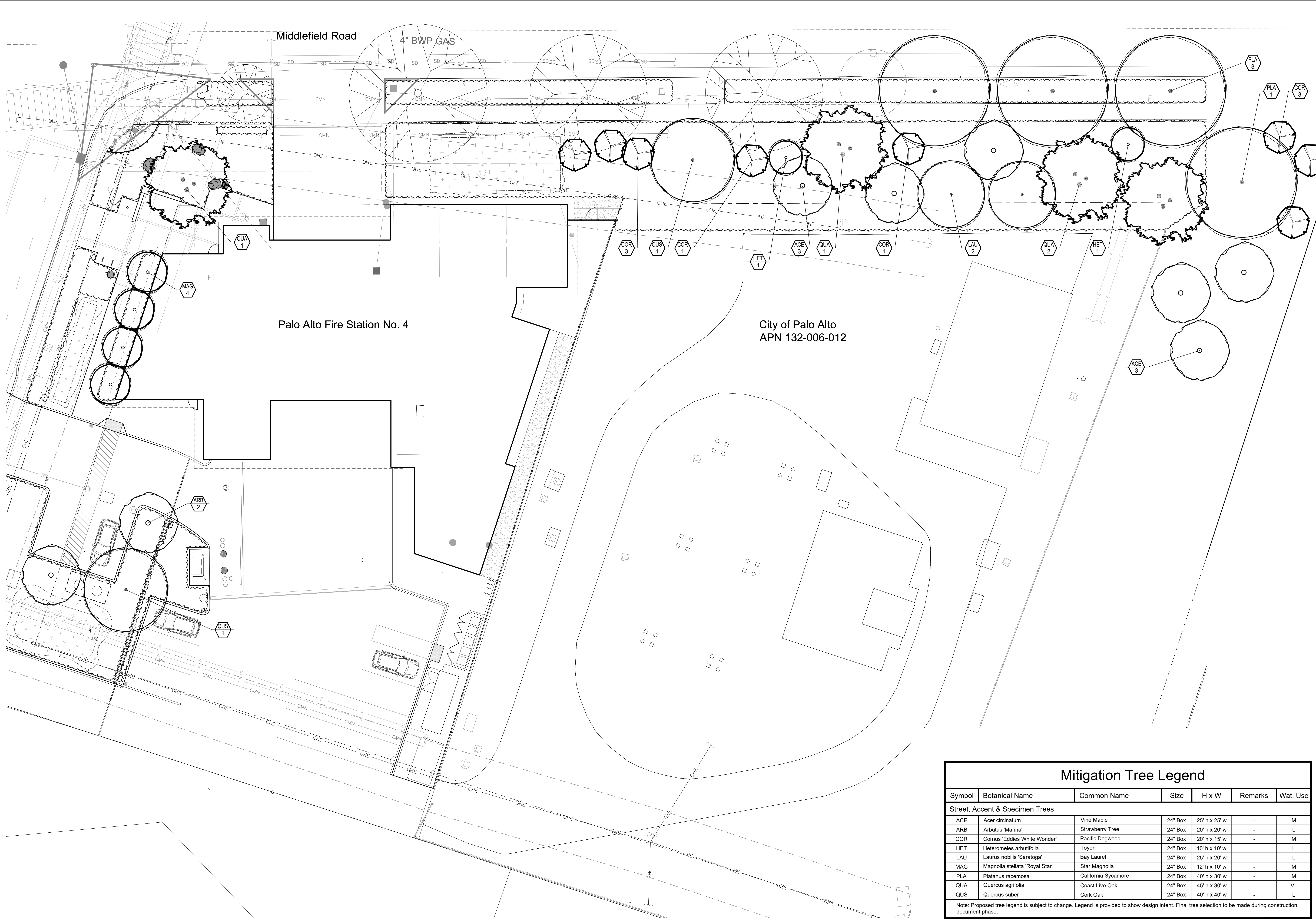


No.	Species	Trunk Diameter	Crown Height	Crown Diameter	Retain / Remove	Replacement Requirement
1	Chinese elm	21"	45'	25' (SW) 35' (S)	Retain	x
2	Liquidambar	17.5"	40'	30'	Retain	x
3	Liquidambar	28.5"	50'	50'	Remove	
4	Liquidambar	12"	30'	25'	Remove	
5	Liquidambar	14"	20'	20'	Remove	
6	Liquidambar	9.5"	25'	20'	Remove	
7	Liquidambar	8.5"	22'	18'	Remove	(33) 24-inch box native hardwood, slow growing, drought tolerant trees
8	Liquidambar	12.5"	25'	20'	Remove	
9	Hollywood Juniper	13.5"	18'	30'	Remove	
10	Holly Oak	6"	15'	12'	Remove	
11	Holly Oak	6"	20'	12'	Remove	
12	Hollywood Juniper	10"	15'	20'	Remove	
13	Hollywood Juniper	15"	18'	20'	Remove	
14	Hollywood Juniper	12.5"	20'	15'	Remove	

1 TREE REMOVAL PLAN

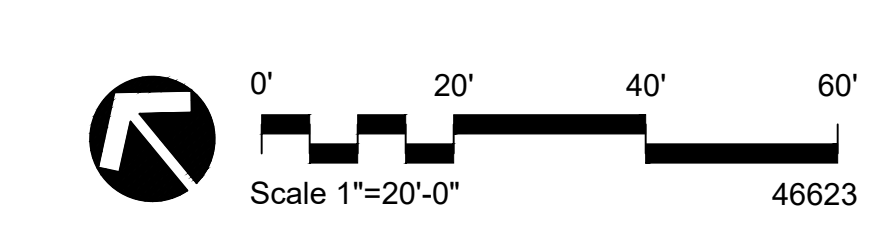
1" = 10'-0"





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HET	<i>Heteromeles arbutifolia</i>	Toyon	24" Box	10' h x 10' w	-	L
LAU	<i>Laurus nobilis 'Saratoga'</i>	Bay Laurel	24" Box	25' h x 20' w	-	L
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PLA	<i>Platanus racemosa</i>	California Sycamore	24" Box	40' h x 30' w	-	M
QUA	<i>Quercus agrifolia</i>	Coast Live Oak	24" Box	45' h x 30' w	-	VL
QUS	<i>Quercus suber</i>	Cork Oak	24" Box	40' h x 40' w	-	L

Note: Proposed tree legend is subject to change. Legend is provided to show design intent. Final tree selection to be made during construction document phase.



Tree Images:



Tree #1, a Chinese elm.



The area where the planter will be reduced to allow for widening of the driveway (see site plan). Note sidewalk repair that likely removed roots causing displacement.

MacNair and Associates

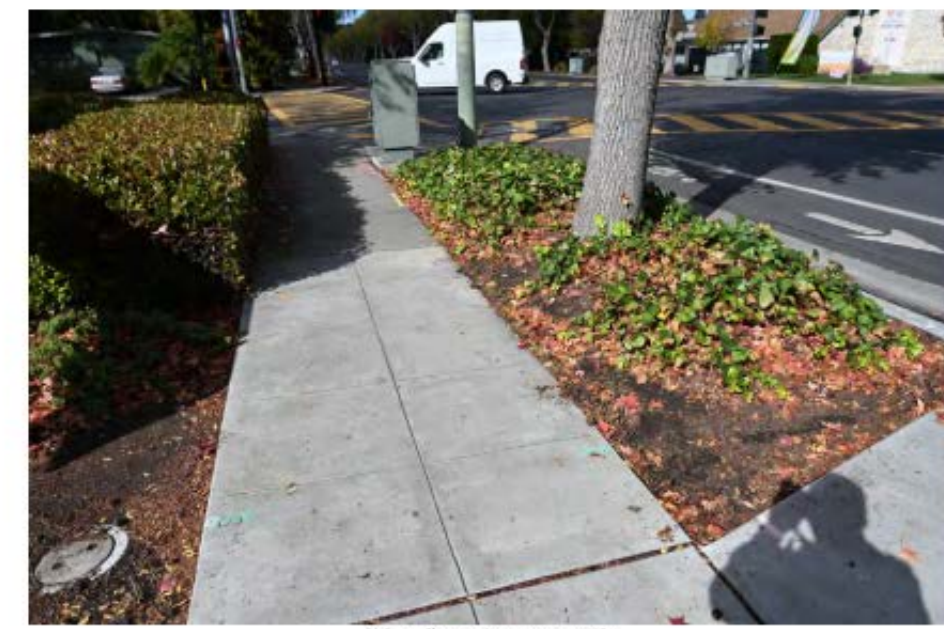


Tree #2, a liquidambar. No significant impact expected from driveway work.

MacNair and Associates



Trunk view from old wound.



Sidewalk repair near tree #2.

MacNair and Associates



Tree #3, a mature liquidambar, that is subject to the most construction impact. The arrows indicate the scaffold limbs subject to significant pruning for clearance for the building expansion.



MacNair and Associates

Palo Alto Fire Station No. 4 - Tree Data Matrix  
Tree Evaluation and Construction Impact Assessment

Health and Structural Rating Key: 3.0 = moderate or better condition  
2.5 = marginal to moderate  
2.0 = marginal condition  
1.5 = poor to marginal condition  
1.0 = poor condition

Suitability for Preservation Rating: Good: Trees in good health and structural condition with high potential for longevity.  
Moderate: Trees in fair health and/or with structural defects that can be abated with treatment.  
Fair: Trees in marginal health or structural condition that could possibly be mitigated or improved.  
Poor: Trees in poor health and/or structural condition that probably cannot be effectively abated.

Tree #	Species	Trunk Diameter @ 54" (inches)	# of Trunks	Crown Height	Crown Diameter	Health Rating	Structural Rating	Comments/Observations	Suitability for Preservation (Based Upon Condition)	Protected Tree Status	Tree Protection Zone (Radius in Feet)	Construction Impact Assessment
1	Chinese elm (Ulmus parviflora)	21"	1	45'	25' (SW) 35' (E)	3.0	3.0	Mature tree with symmetrical crown form and open scaffold limb structure. No significant structural defects observed. Vigor and foliage density are normal. History of sidewalk repairs. Live within the roadway and subject to high voltage electrical distribution lines. Tree has been side pruned for electrical line clearance.	Good	Protected	22'	Limited root impact possible at north end of planter due expansion of the sidewalk. Root pruning procedures required. Root barrier installation recommended.
2	Liquidambar (Liquidambar styraciflua)	17.5"	1	40'	30'	3.0	2.5	Mature tree with upright crown form. Trunk seems present on northwest side of tree at 5' to 7' above grade. Vigor and foliage density are normal. History of sidewalk repairs. Adjacent to high voltage electrical distribution lines. Tree has been pruned for electrical line clearance.	Moderate	Protected	20'	Possible minor root impacts at south end of planter at driveway. Root pruning procedures required. Root barrier installation recommended.

Tree #	Species	Trunk Diameter @ 54" (inches)	# of Trunks	Crown Height	Crown Diameter	Health Rating	Structural Rating	Comments/Observations	Suitability for Preservation (Based Upon Condition)	Protected Tree Status	Tree Protection Zone (Radius in Feet)	Construction Impact Assessment
3	Liquidambar	28.5" at 48" + 6"	1	45' 50'	50' (SW) towards building	2.5	2.0	Mature tree with symmetrical crown form. Closely spaced, multiple limb attachments from 5' to 8' with some included attachments. Dense surface layering oriented SW towards existing building. Vigor and foliage density are moderate with sparse branch dieback occurring.	Fair	Protected	30'	Significant root pruning and clearance pruning required. Refer to discussion in report page 23.
4	Liquidambar	12"	1	30'	25'	1.0	2.5	Narrow crown form with co-dominant limbs forming a 'Y'. Significant branch dieback on northwest side and mid-crown.	Poor	No	N/A	Located within future construction limits. Removal required.
5	Liquidambar	34"	1	20'	20'	1.0	1.0	Physically topped tree with closely spaced, multiple limb attachments forming at 5'. Extensive crown dieback.	Poor	No	N/A	Located within future construction limits. Removal required.
6	Liquidambar	9.5"	1	25'	20'	1.5	2.0	Small tree with significant trunk dieback and sparse limb dieback.	Poor	No	N/A	Located within future construction limits. Removal required.
7	Liquidambar	8.5"	1	22'	18'	1.0	1.0	Tree is dead, or mostly dead.	Poor	No	N/A	Located within future construction limits. Removal required.
8	Liquidambar	12.5"	1	25'	20'	2.5	3.0	Semi-mature tree with single trunk structure. Limited open crown branch dieback occurring. Vigor and foliage density are moderate.	Good	No	N/A	Located near underground tank. Removal required.
9	Hollywood juniper (Juniperus chinensis 'Horizontal')	13.5" (dial)	1	18'	30'	2.5	3.0	Mature branch with no significant structural defects. Limited branch dieback occurring.	Moderate	No	N/A	Located within future construction limits. Removal required.
10	Holly oak (Quercus ilex)	6"	1	15'	12'	2.5	2.5	Small tree growing next to tree #11. Asymmetrical crown form extending to the northwest. Foliage has severe sooty mold.	Fair	No	N/A	Located within future construction limits. Removal required.
11	Holly oak	6"	1	20'	12'	2.5	2.5	Upright crown form with no significant structural defects. Aerial colonization and sooty mold.	Fair	No	N/A	Located within future construction limits. Removal required.
12	Hollywood juniper	10"	1	15'	20'	2.0	2.5	Asymmetrical crown form extending to the northwest. Significant branch dieback occurring.	Poor to Fair	No	N/A	Located within future construction limits. Removal required.

Tree #	Species	Trunk Diameter @ 54" (inches)	# of Trunks	Crown Height	Crown Diameter	Health Rating	Structural Rating	Comments/Observations	Suitability for Preservation (Based Upon Condition)	Protected Tree Status	Tree Protection Zone (Radius in Feet)	Construction Impact Assessment
13	Hollywood juniper	15"	1	18'	20'	2.0	3.0	Normal crown form for the species. Significant branch and twig dieback occurring.	Poor to Fair	Protected	N/A	Located within future construction limits. Removal required.
14	Hollywood juniper	12.5"	1	20'	15'	2.5	3.0	Normal crown form for the species. Moderately low vigor and foliage density. Branch and twig dieback occurring.	Fair	No	N/A	Located within future construction limits. Removal required.

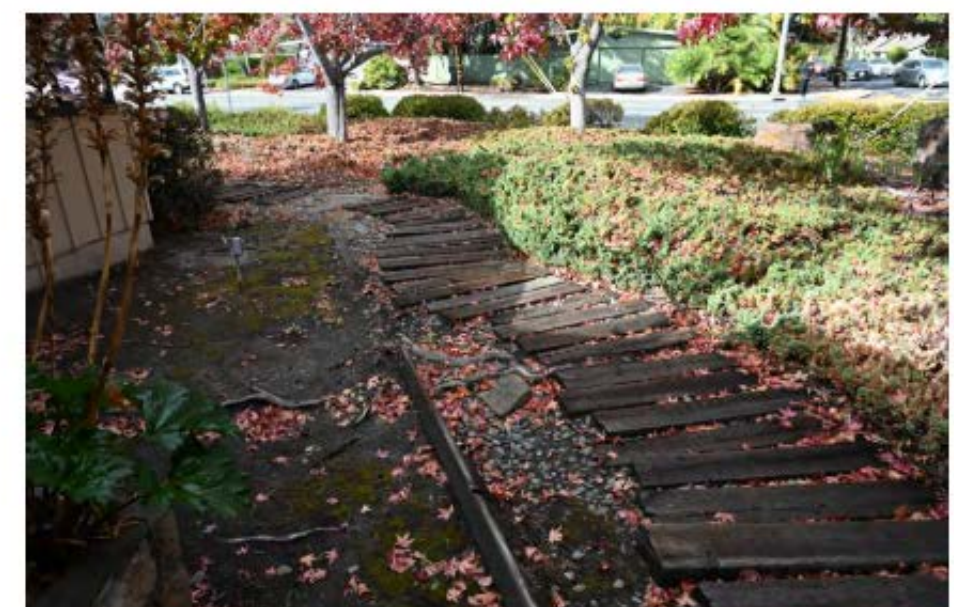
REFER TO FULL ARBORIST REPORT DATED 10/20/2022 FOR MORE INFORMATION.

12/3/22

The closely spaced, multiple limb attachments with inclusions. Mature liquidambar are prone to sudden failure.



The dense surface rooting typical of this species.



Surface roots extend 30 feet from the base of the tree. This area will be excavated for the new building foundation.

MacNair and Associates



Tree #4, a liquidambar in poor condition.



Tree #5, a liquidambar in poor condition.

MacNair and Associates



Tree #6, a liquidambar in poor condition.



Tree #7, a liquidambar that is dead.

MacNair and Associates



Tree #8, a liquidambar in good condition.



Tree #9, a Hollywood juniper in moderate condition.

MacNair and Associates



Trees #10 and #11, two small holly oaks in fair condition.



Tree #12, a Hollywood juniper in poor to fair condition.

MacNair and Associates



Tree #13, a Hollywood juniper in poor to fair condition. The trunk diameter qualifies the tree as protected status.



Tree #14, a Hollywood juniper in fair condition.

MacNair and Associates

# City of Palo Alto Tree Protection - It's Part of the Plan!

Make sure your crews and subs do the job right!

Fenced enclosures around trees are essential to protect them by keeping the foliage canopy and branching structure clear from contact by equipment, materials and activities, preserving roots and soil conditions in an intact and non-compacted state, and identifying the Tree Protection Zone (TPZ) in which no soil disturbance is permitted and activities are restricted, unless otherwise approved. An approved tree protection report must be added to this sheet when project activity occurs within the TPZ of a regulated tree.

For detailed information on Palo Alto's regulated trees and protection during development, review the **City Tree Technical Manual (TTM)** found at [www.cityofpaloalto.org/trees/](http://www.cityofpaloalto.org/trees/).

### TREE DISCLOSURE STATEMENT

CITY OF PALO ALTO  
Planning Division, 250 Hamilton Avenue  
Palo Alto, CA 94301  
(650) 329-2441  
<http://www.cityofpaloalto.org>

Palo Alto Municipal Code, Chapter 8.10.040, requires disclosure and protection of certain trees located on private and public property, and that they be shown on approved site plans. A completed disclosure statement must accompany all building permit applications that include exterior work, all demolition or grading permit applications, or other development activity.

**PROPERTY ADDRESS:**

Are there Regulated trees on or adjacent to the property?  YES  NO (If no, proceed to Section 4)

(Sections 1-4 MUST be completed by the applicant. Please circle and/or check where applicable.)

1. Where are the trees? Check those that apply. (Plans must be submitted showing over 4" diameter trees)

On the property  
 On adjacent property overhanging the project site  
 In the City planter strip or right-of-way easement within 30' of property line (Street Trees)\*

\*Street trees require special protection by a fence enclosure. Per the attached instructions. Prior to receiving any permit, you must provide an authorized Street Tree Protection Verification form by calling Public Works Operations at 493-5953 for inspection of required type I, II or III fencing (see attached Detail #605).

2. Are there any Protected or Designated Trees?  YES (Check where applicable)  NO

Protected Tree (s)  
 Designated Tree (s)  
 On or overhanging the property

3. Is there activity or grading within the drip-line? (radius 10 times the trunk diameter) of these trees?  YES  NO

If Yes, a Tree Preservation Report must be prepared by an ISA certified arborist and submitted for staff review (see TTM, Section 6.25). Attach this report to Sheet T-1, Tree Protection, as Part of the Plan, per Site Plan Requirements.

4. Are the Site Plan Requirements\*\* completed?  YES  NO

\*\*Protection of Regulated trees during development require the following: (1) Plans must show the measured trunk diameter and canopy drip-line; (2) Plans must denote, as a bold dashed line, a fenced enclosure area out to the drip-line, per Sheet T-1 and Detail #605 - <http://www.cityofpaloalto.org/tree-frames.htm> (See also TTM, Section 2.15 for area to be fenced)

I, the undersigned, agree to the conditions of this disclosure. I understand that knowingly or negligently providing false or misleading information in response to this disclosure requirement constitutes a violation of the Palo Alto Municipal Code Section 8.10.040, which can lead to criminal and/or civil legal action.

Signature: \_\_\_\_\_ Print: \_\_\_\_\_ Date: \_\_\_\_\_  
(Prop. Owner or Agent)

**FOR STAFF USE:**

Protective Fencing  
Sections 5-6 must be completed by staff for the issuance of any development permit (demolition, grading or building permit).

5. Protected Trees: The specified tree fencing is in place. A written statement is attached verifying that protective fencing is correctly in place around protected and/or designated trees.  YES  NO  
(N/A if there are no protected trees, check here)

6. Street Trees: A signed Public Works Street Tree Protection Verification form is attached.  YES  NO  
(N/A if there are no street trees, check here)

Regulated Trees - a) Street trees - trees on public property; b) Protected trees - Coast Live Oaks or Valley Oaks which are 11.5" in diameter or larger, Coast Redwoods which are 18" in diameter or larger, when measured 54" above natural grade, and Heritage trees are trees designated by City Council; and c) Designated Trees - commercial or non-commercial property trees, which are part of an approved landscape plan.

Palo Alto Tree Technical Manual (TTM) contains instructions for all requirements on this form, available at <http://www.cityofpaloalto.org/planning-and-community-environment/tree-technical-manual.htm>

S:Plan/Dev/Arborist/Tree Protection Info/Tree Disclosure Statement. Revised 08/06

City of Palo Alto  
250 Hamilton Avenue, Palo Alto, CA 94301

Home > Planning & Community Environment

### Tree Technical Manual

To purchase the Tree Technical Manual

June, 2001 First Edition

View by section:

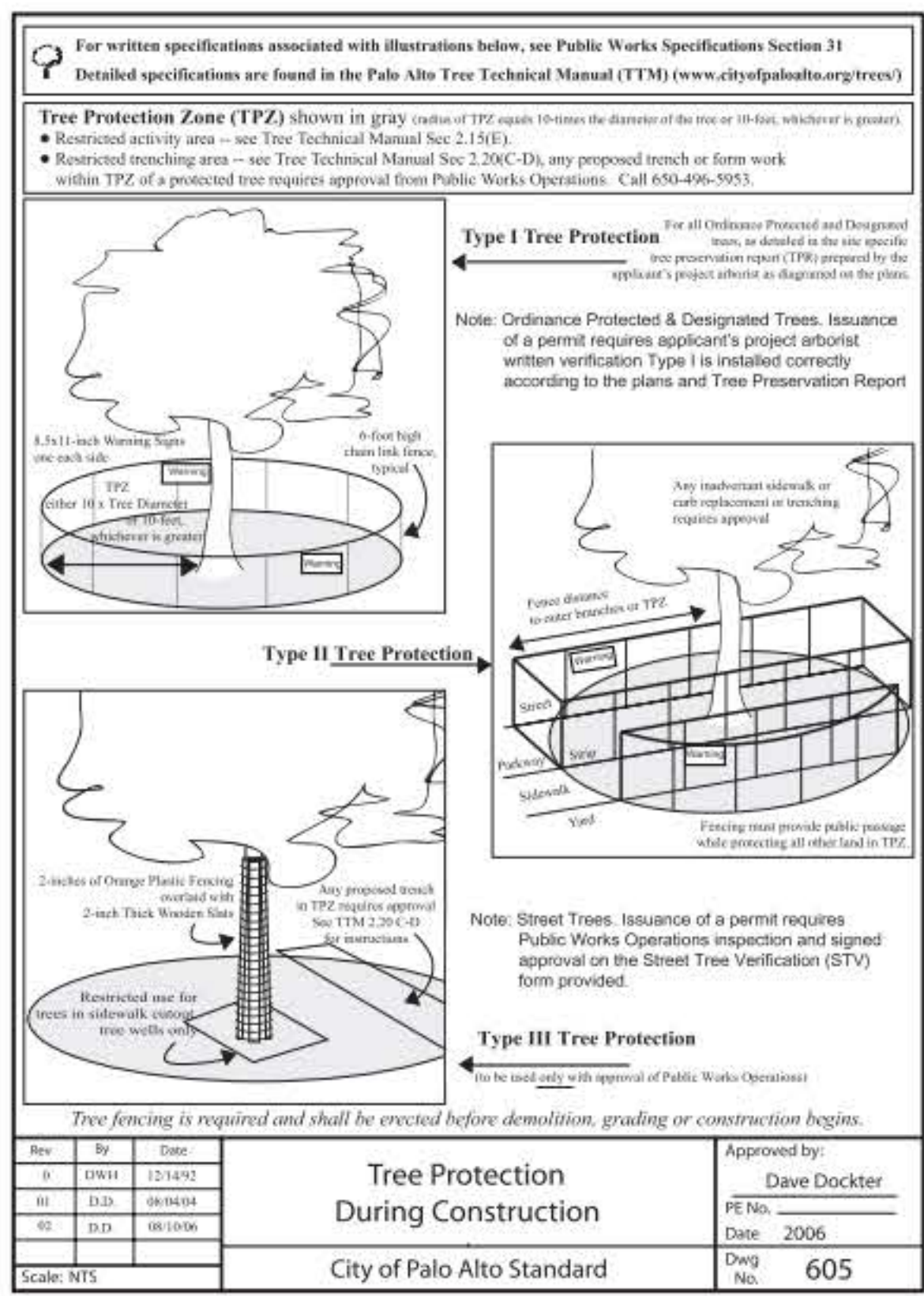
- Table of Contents (PDF, 879KB)
- Intent and Purpose (PDF, 1.05MB)
- Introduction - Use of Manual (PDF, 1.05MB)
- Section 1.0 - Definitions (PDF, 96KB)
- Section 2.0 - Protection of Trees During Construction (PDF, 259KB)
- Section 3.0 - Removal, Replacement & Planting of Trees (PDF, 117KB)
- Section 4.0 - Hazardous Trees (PDF, 105KB)
- Section 5.0 - Tree Maintenance Guidelines (PDF, 110KB)
- Section 6.0 - Tree Reports (PDF, 84KB)

View ALL sections:

- Tree Technical Manual - Full (PDF, 1.84MB)

**APPENDICES**

- A. Palo Alto Municipal Code Chapter 8.10, Tree Preservation & Management Regulations
- B. Tree Care - USA
- C. ISA Hazard Evaluation Form
- D. List of Inherent Failure Patterns for Selected Species (Reference source)
- E. ISA Tree Pruning Guidelines (PDF, 1.85MB)
- F. Tree Care Safety Standards, ANSI Z39.1-1994 (Reference source)
- G. Pruning Performance Standards, ANSI A300-1995 (Reference source)
- H. Tree Planting Details, Diagram 504 & 505
- I. Tree Disclosure Statement
- J. Palo Alto Standard Tree Protection Instructions



### APPENDIX J PALO ALTO STREET TREE PROTECTION INSTRUCTIONS -SECTION 31-

**31.1 General**

**a. Tree protection has three primary functions:** 1) to keep the foliage canopy and branching structure clear from contact by equipment, materials and activities; 2) to preserve roots and soil conditions in an intact and non-compacted state; and 3) to identify the Tree Protection Zone (TPZ) in which no soil disturbance is permitted and activities are restricted, unless otherwise approved.

**b. The Tree Protection Zone (TPZ) is a circular area around the base of the tree with a radius of ten-times the diameter of the tree's trunk or ten feet, whichever is greater, enclosed by fencing.**

**31.2 Reference Documents**

- a. Detail #65 - Illustration of situation described below.
- b. Tree Technical Manual (TTM) Form ([www.cityofpaloalto.org/trees/](http://www.cityofpaloalto.org/trees/))
  - 1. Treeing Restriction Zones (TTM Section 2.00)
  - 2. Advice Reporting Process (TTM Section 3.2)
  - 3. Site Plan Requirements (TTM Section 3.2)
  - 4. Tree Disclosure Statement (TTM Appendix J)
- c. Street Tree Verification (STV) Form (<http://www.cityofpaloalto.org/tree-frames.htm>)

**31.3 Execution**

**a. Type I Tree Protection:** The fence shall enclose the entire TPZ of the tree(s) to be protected throughout the life of the construction project. In new parking areas, if fencing is located on paving or concrete that will be demolished, then the posts may be supported by an appropriate grade level concrete base, if approved by Public Works Operations.

**b. Type II Tree Protection:** For trees situated within a planting strip, only the planting strip and yard side of the TPZ shall be enclosed with the required chain link protective fencing in order to keep the sidewalk and street open for public use.

**c. Type III Tree Protection:** To be used only with approval of Public Works Operations. Trees situated in a tree well or other public use, shall be wrapped with 2 inches of orange plastic fencing from the ground to the first branch and vertical with 2-inch thick wooden stakes bound securely (stakes shall not be allowed to dig into the bark). During installation of the plastic fencing, caution shall be used to avoid damaging any branches. Maple limbs may also require plastic fencing as directed by the City Arborist.

**d. Size, type and area to be fenced:** All trees to be protected shall be protected with six (6) foot high chain link fence. Fences are to be mounted on two-inch diameter galvanized iron posts, driven into the ground to a depth of at least 2-feet or no more than 10-foot spacing. Fencing shall extend to the main branching unless specifically approved on the STV Form.

**e. Warning signs:** A warning sign shall be weather proof and prominently displayed on each fence in 20-foot intervals. The sign shall be minimum 8.5 inches x 11 inches and clearly state in half inch tall letters: "WARNING - Tree Protection Zone - This fence shall not be removed and is subject to a fine according to PAMC Section 8.10.114."

**f. Duration:** Tree fencing shall be erected before demolition, grading or construction begins and remain in place until final inspection of the project, except for work specifically allowed in the TPZ. Work in and around the TPZ requires approval by the project arborist or City Arborist (in the case of work around Street Trees). Excavations within the public right-of-way require a Street Work Permit from Public Works.

**31.4 During construction**

- a. All neighbors' trees that overhang the project site shall be protected from impact of any kind.
- b. The applicant shall be responsible for the repair or replacement (at penalty of any publicly owned trees that are damaged during the course of construction, pursuant to Section 8.04.070 of the Palo Alto Municipal Code).
- c. The following tree preservation measures apply to all trees to be retained:
  - a. No storage of material, soil, vehicles or equipment shall be permitted within the TPZ.
  - b. The ground under and around the tree canopy area shall not be altered.
  - c. Trees to be retained shall be irrigated, sealed and maintained as necessary to ensure survival.

City of Palo Alto 2004 Standard Drawings and Specifications  
Street Tree Verification of Protection, PWJ, Section 31  
Revised 08/06

### Table 2-2 Palo Alto Tree Technical Manual CONTRACTOR & ARBORIST INSPECTION SCHEDULE

Reference the Palo Alto Tree Technical Manual is available at [www.cityofpaloalto.org/trees/](http://www.cityofpaloalto.org/trees/)

**ALL CHECKED ITEMS APPLY TO THIS PROJECT:**

- Inspection of Protective Tree Fencing** For Public Trees, the Street Tree Verification Form shall be signed by the City Arborist. For Protected Trees, the project site arborist shall provide an annual Monthly Tree Activity Report from with a photograph verifying that he has conducted a field inspection of the trees and that the correct type of protective fencing is in place around the designated tree protection zone (TPZ) prior to issuance of a demolition, grading, or building permit (see TTM, Verification of Tree Protection, Section 1.39).
- Pre-Construction Meeting** Prior to commencement of construction, the applicant or contractor shall conduct a pre-construction meeting to discuss tree protection with the job site superintendent, grading operators, project site arborist, City Arborist, and, if a city maintained irrigation system is involved, the Parks Manager (Contact 650-496-6962).
- Inspection of Rough Grading or Trenching** Contractor shall ensure the project site arborist performs an inspection during the course of rough grading or trenching adjacent to or within the TPZ to ensure trees will not be injured by compaction, cut or fill, drainage and trenching, and if required, inspect sensitive systems, tree wells, drains and special paving. The contractor shall provide the project arborist at least 24 hours advance notice of such activity.
- Monthly Tree Activity Report Inspection:** The project site arborist shall perform a minimum monthly activity inspection to monitor and advise on conditions, tree health and retention or, immediately if there are any revisions to the approved plans or protection measures. The Tree Technical Manual Monthly Tree Activity Report format shall be used and sent to the Planning Dept. landscape review staff no later than 14 days after issuance of building permit date. Fax to (650) 329-2154. (See TTM, Monthly Tree Activity Inspection Report, Addendum 11 & section 1.17).
- Special activity within the Tree Protection Zone:** Work in the TPZ area (see #7 below) requires the direct onsite supervision of the project arborist (see TTM, Trenching, Excavation & Equipment, Section 2.20 C).
- Landscape Architect Inspection:** For discretionary development projects, prior to temporary or final occupancy the applicant or contractor shall arrange for the Landscape Architect to perform an on site inspection of all plant stock, quality of the materials and planting (see TTM, Planting Quality, Section 5.20.1 A) and that the irrigation is functioning consistent with the approved construction plans. The Planning Dept. landscape review staff shall be in receipt of written verification of Landscape Architect approval prior to scheduling the final inspection, unless otherwise approved.
- List Other (fence describe as called out in the site Tree Preservation Report, Sheet T-1, T-2, etc.)**

### City of Palo Alto Tree Department Public Works Operations PO Box 10258 Palo Alto, CA 94303 (650) 893-8933 FAX: (650) 852-5096 treeinspection@CityOfPaloAlto.org

### Verification of Street Tree Protection

Applicant Instructions: Complete upper portion of this form. Mail or FAX this form along with signed Tree Disclosure Statement to Public Works Dept., Public Works Tree Staff will request and notify applicant.

**APPLICATION DATE:** \_\_\_\_\_

**ADDRESS/LOCATION OF STREET TREES TO BE PROTECTED:** \_\_\_\_\_

**APPLICANT'S NAME:** \_\_\_\_\_

**APPLICANT'S ADDRESS:** \_\_\_\_\_

**APPLICANT'S TELEPHONE & FAX NUMBERS:** \_\_\_\_\_

This section to be filled out by City Tree Staff

1. The Street Trees at the above address(es) are adequately protected. The type of protection used is: \_\_\_\_\_

YES  NO  \* If NO, go to #2 below

Inspected by: \_\_\_\_\_  
Date of Inspection: \_\_\_\_\_

2. The Street Trees at the above address are NOT adequately protected. The following modifications are required: \_\_\_\_\_

Indicate how the required modifications were communicated to the applicant: \_\_\_\_\_

Subsequent Inspection: \_\_\_\_\_

Street trees at above address were found to be adequately protected:  YES  NO  \* If NO, indicate in "Notes" below the disposition of case.

Inspected by: \_\_\_\_\_  
Date of Inspection: \_\_\_\_\_

Notes: List City street trees by species, size, condition and type of tree protection installed. Also note if pictures were taken. Use back of sheet if necessary.

Return approved sheet to Applicant for demolition or building permit issuance.  
S:\PW\09157\09157\TreeProtect

### City of Palo Alto Tree Technical Manual ADDENDUM 11 BGA/ISA Certified Arborist #061,000 Contract #04-04

### Arborist Firm Data Here

Reference the Palo Alto Tree Technical Manual is available at [www.cityofpaloalto.org/trees/](http://www.cityofpaloalto.org/trees/)

### Monthly Tree Activity Report- Construction Site

Inspection Date:	Site address:	Contractor- Main Site Contact Information:	Company- Job site superintendent:
Inspection #:	Palo Alto, CA	Contractor- Email:	Job site superintendent- Office:
		Contractor- Cell:	Job site superintendent- Cell:
		Contractor- Fax:	Job site superintendent- Fax:
		Contractor- Other:	Job site superintendent- Other:

Distribution: 1 City of Palo Alto  
2 Others

Also present: \_\_\_\_\_

Arborist: Dave Dockter  
Phone: 650-329-2440

Provide the requested information with each report, customize as necessary. To be completed by project site arborist. Send monthly to city arborist at above address until project completion. Use additional sheets as needed.

- Assignment Activity (Demolition/grading/trenching/foundation list relevant visits)
  - a. Pre-construction meeting requirement with site contractors
  - b. Inspect to verify that tree protection measures are in place
  - c. Determine if field adjustments, watering or plan revisions may be needed
- Field Observations (general site-wide and list by individual tree number)
  - a. Tree Protection Fences (TPF) are ...
  - b. Trenching has/will occur
- Action Items (list site-wide by tree number and date to be satisfied) and Date Due
  - a. Tree Protection Fence (TPF) needs adjusting (see # x, x, x)
  - b. Root zone buffers minimal (wood chips) can be installed next
  - c. Schedule sewer trench, foundation dig work ...
- Photographs (see other)
- Tree Location Map (mandatory 8.5 x 11 sheet)
- Recommendations, notes or monitor items for project/staff/schedule
- Post visits (list carry-over items satisfied/still outstanding)

Respectfully submitted,  
Project site arborist  
Consultant contact information (include email, cell, and mailing)  
CC: \_\_\_\_\_  
Error Date: CPA Monthly Tree Activity Report, Type site address here Page #1 of 1

### ---WARNING---

## Tree Protection Zone

This fencing shall not be removed without City Arborist approval (650-496-5953)

Removal without permission is subject to a \$500 fine per day\*

\*Palo Alto Municipal Code Section 8.10.110

City of Palo Alto Tree Protection Instructions are located at <http://www.cityofpaloalto.org/trees/technical-manual.html>

<b>SPECIAL INSPECTIONS</b>	<b>PLANNING DEPARTMENT</b>
<b>TREE PROTECTION INSPECTIONS MANDATORY</b>	
PAMC 8.10 PROTECTED TREES: CONTRACTOR SHALL ENSURE PROJECT SITE ARBORIST IS PERFORMING REQUIRED TREE INSPECTION AND SITE MONITORING. PROVIDE WRITTEN MONTHLY TREE ACTIVITY REPORTS TO THE PLANNING DEPARTMENT LANDSCAPE REVIEW STAFF BEGINNING 14 DAYS AFTER BUILDING PERMIT ISSUANCE.	
BUILDING PERMIT DATE: _____	
DATE OF 1 <sup>ST</sup> TREE ACTIVITY REPORT: _____	
CITY STAFF: _____	
REPORTING DETAILS OF THE MONTHLY TREE ACTIVITY REPORT SHALL CONFORM TO SHEET T-1 FORMAT. VERIFY THAT ALL TREE PROTECTION MEASURES ARE IMPLEMENTED AND WILL INCLUDE ALL CONTRACTOR ACTIVITY, SCHEDULED OR UNSCHEDULED, WITHIN A TREE PROTECTION ROOT ZONE. NON-COMPLIANCE IS SUBJECT TO VIOLATION OF PAMC 8.10.090. REFERENCE PALO ALTO TREE TECHNICAL MANUAL SECTION 2.00 AND ADDENDUM 11.	

Apply Tree Protection Report on sheet(s) T-2

Use additional "T" sheets as needed

Project  
Data

T-1



All other tree-related reports shall be added to the space provided on this sheet (adding as needed) Include this sheet(s) on Project Sheet Index or Legend Page. A copy of T-1 can be downloaded at <http://www.cityofpaloalto.org/civica/filebank/blobdownload.asp?BlobID=6460>

## Special Tree Protection Instruction Sheet

City of Palo Alto



T-1

**BROWN REYNOLDS WATFORD ARCHITECTS**  
1620 MONTGOMERY  
SAN FRANCISCO, CA 94111  
415.749.2670  
WWW.BRWARCH.COM

**PALO ALTO FIRE STATION NO. 4 REPLACEMENT**

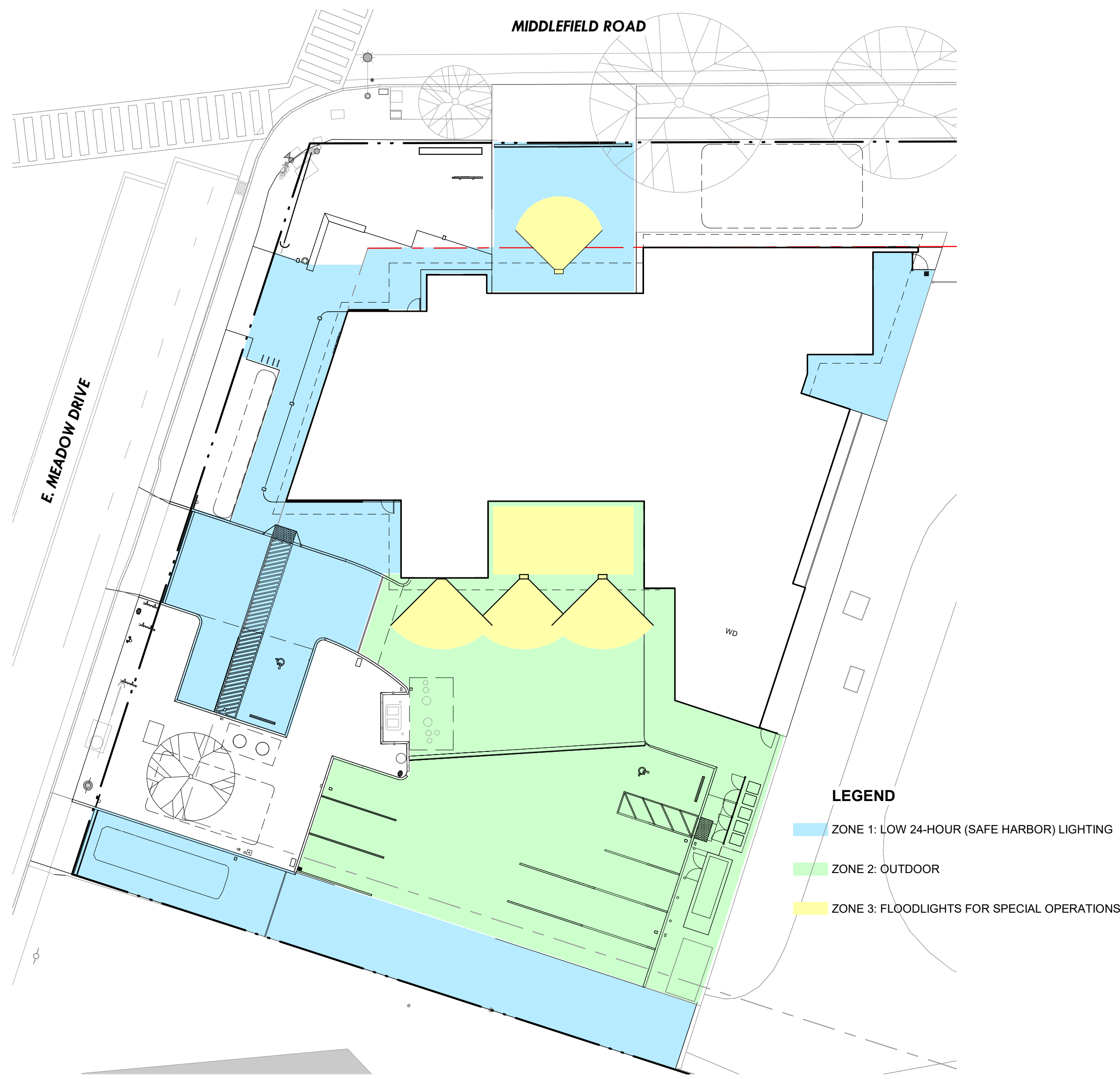
3600 MIDDLEFIELD ROAD  
PALO ALTO, CA 94303

COPYRIGHT © 2003  
BROWN REYNOLDS WATFORD ARCHITECTS, INC.

**K-2**

SPECIAL TREE PROTECTION INSTRUCTION SHEET

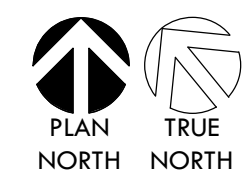
JUNE 12, 2003



**2 OUTDOOR LIGHTING APPROACH DIAGRAM**  
1" = 20'-0"



**1 SITE LIGHTING PLAN**  
1" = 10'-0"

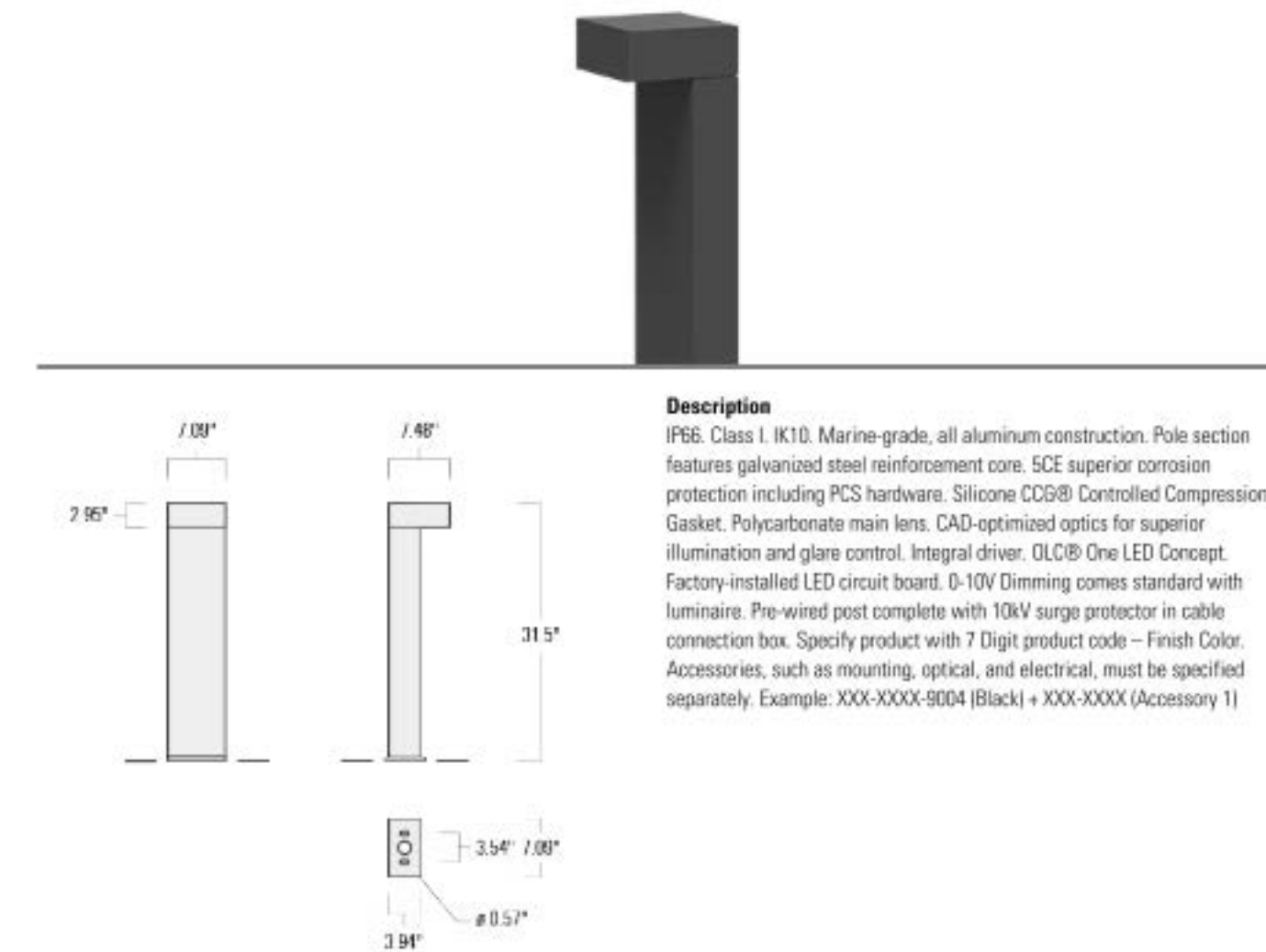


## LB - LIGHT BOLLARD

**PSY414 LED**  
Bollards and Pathway Luminaires

**we-ef**

1/5

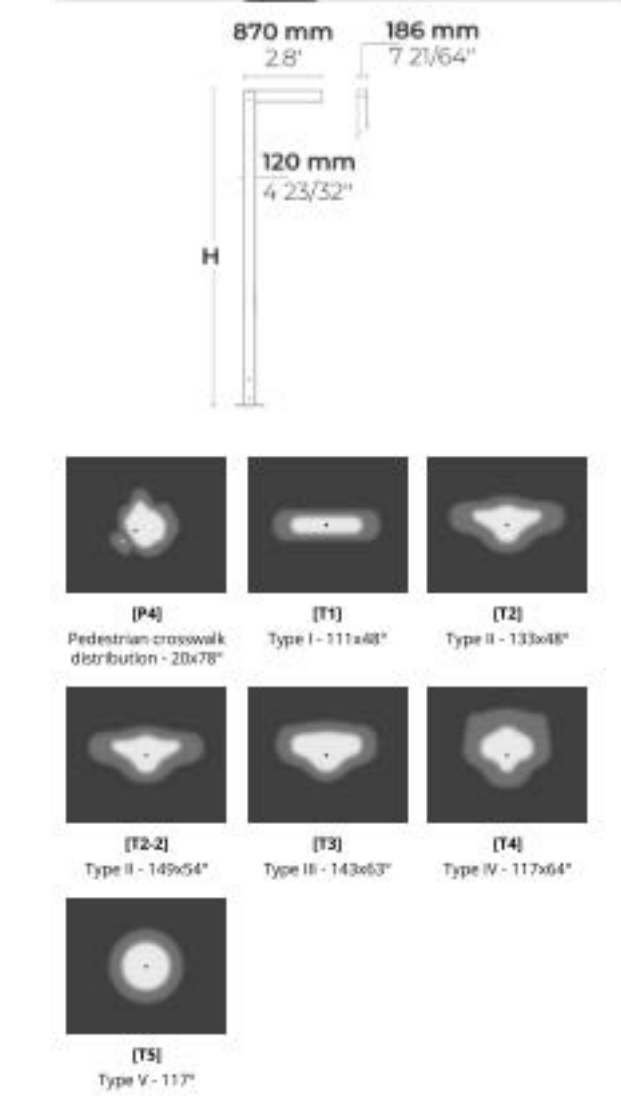


**Description**  
IP66, Class I, IK10, Marine-grade, all aluminum construction. Pole section features galvanized steel reinforcement core. SCE superior corrosion protection including PCS hardware. Silicone CCD® Controlled Compression Gasket. Polycarbonate main lens. CAD-optimized optics for superior illumination and glare control. Integral driver. OLC® One LED Concept. Factory-installed LED circuit board. 0-10V Dimming comes standard with luminaire. Pre-wired post complies with 10kV surge protector in cable connection box. Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately. Example: XXX-XXXX-8004 (Black) + XXX-XXXX (Accessory 1)

## PL - POST LIGHT

**DOMINO AFX 1 Module**  
LP4034.861-US

**heper**



### Configurations

**Light distribution** [P4] 20x78°, [T1] 11x48°, [T2] 13x48°, [T2-Z] 149x54°, [T3] 143x63°, [T4] 117x64°, [T5] 117° 195° - 4040lm  
**Delivered lumens flux** 18 - 35 W  
**Rated input power** 2700 K CRI 80, 3000 K CRI 80, 4000 K CRI 70, 4000 K CRI 80  
**Color temperature** B1-U0-G1, B1-U0-G0, B2-U0-G1, B0-U0-G0, B2-U0-G0  
**BUG rating** >102, 000  
**Lifetime L90 (hour)** >102, 000  
**Lifetime L80 (hour)** >102, 000

### Options

**Control** On/OFF, 0-10V  
**Input voltage** 120-277V 50/60Hz  
**Product colors** 12, 16.4, 19.8, Custom height (Please specify)

### Extras

**Connectivity** 7 Pin NEMA socket  
**Light output** Constant light output  
**Consult the factory** Motion sensor  
**Luminaire body options** Double powder coating

### Technical information

**Mounting** Surface mountable  
**Housing** Corrosion resistant, marine grade aluminum  
**Finishing** Chromate conversion pretreatment followed by electrostatic powder coating  
**Fasteners** Stainless steel (AISI 304 / EN 1.4301 grade)  
**Gasket** Liquid silicone  
**Lens / Reflector** PMMA lens with high optical efficiency  
**Glass / Diffuser** Tempered safety glass  
**Impact protection** IK08  
**Ingress protection** IP66  
**Insulation class** Class I  
**Weight** 81.86 lbs (10), 93.08 lbs (13)  
**LED module** High power LEDs on metal-core PCB  
**Driver** Internal LED driver  
**Driver surge protection** > 0.95  
**Power factor** > 0.95  
**Through wiring** Single power cord entry  
**Operating temperature** -40...50°C  
**Power cord** 20' of outdoor use-rated flexible power cord  
**Pole detail** Poles are supplied with flange plate. Flange cover and anchorage can be ordered separately. Embedded base is optional.

HEPER USA LLC  
W227 N2046 Westwood Drive Waukesha, WI 53186  
Wisconsin, United States  
+1 312 910 9740  
info@shepergroup.com

We reserve the right to change specifications without prior written notice. Edition: 19.05.2023. For current version visit [heperlighting.com](http://heperlighting.com). All flux and power values derived following appropriate IES, CIE and applicable standards.

1/6

WE-EF LIGHTING USA LLC  
2045 Cooper Avenue +1 412 783 0940 | 410-D Keystone Drive | Warrington PA 19088 U.S.A. | Tel +1 724 742 8030 | info.usa@we-ef.com | www.we-ef.com | 10-05-2023 10:36  
Technical modifications and errors accepted

## FLOODLIGHTS

Project	Catalog #	Type
Prepared by	Notes	Date



**McGraw-Edison**  
**GFLD Galleon II Floodlight**

Floodlight Luminaire

Product Features



### Interactive Menu

- Ordering Information page 2
- Product Specifications page 2
- Mounting Details page 3
- Optical Distributions page 6
- Energy and Performance Data page 7
- Control Options page 14

### Product Certifications

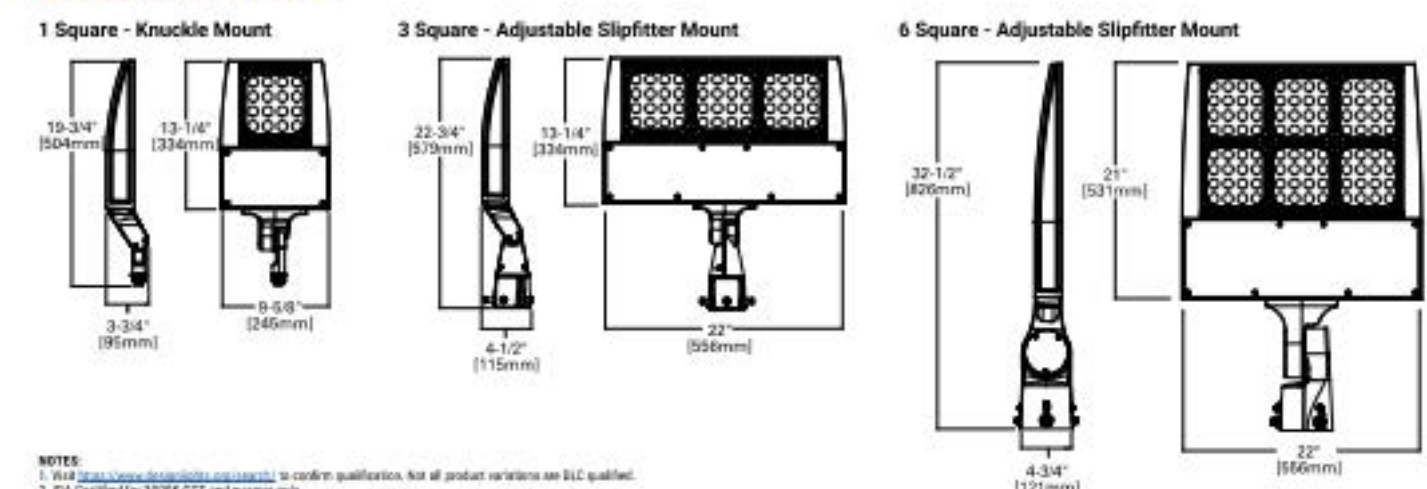


### Connected Systems

- WaveLinX Lite
- WaveLinX

**Quick Facts**  
• Lumen packages range from 1,261 - 36,393 (15W - 360W)  
• 8 NEMA Type flood distributions  
• Efficacy up to 126 lumens per watt

### Dimensional Details



NOTES:  
1. For product specifications and details, see product specifications for all product variations on BLD portal.  
2. For product dimensions, see product specifications.

**COOPER**  
Lighting Solutions

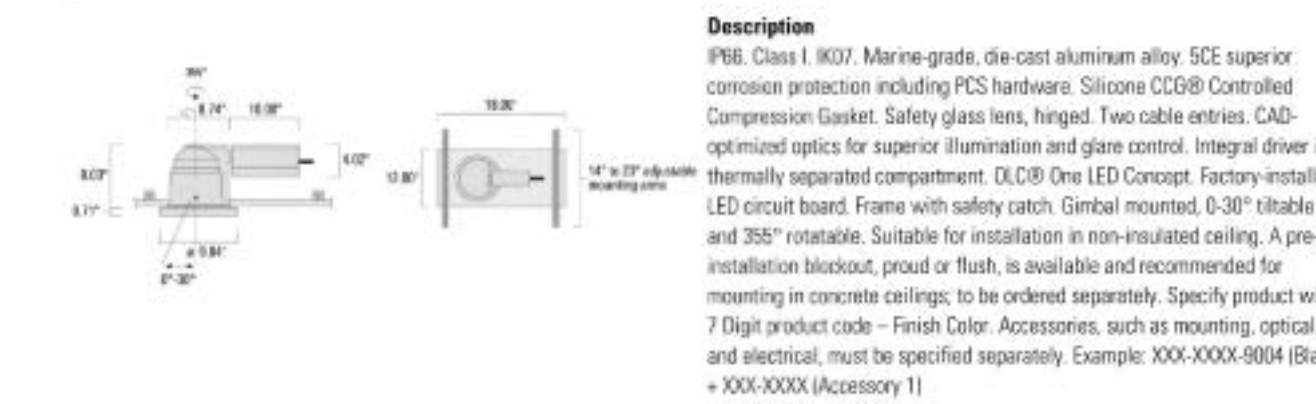
1000002078 - page 1  
November 09, 2021 03:21:43

## C - SOFFIT LIGHTS

**DOC240-GB LED**  
Ceiling Luminaires

**we-ef**

1/7



**Description**  
IP66, Class I, IK07, Marine-grade, die-cast aluminum alloy. SCE superior corrosion protection including PCS hardware. Silicone CCD® Controlled Compression Gasket. Safety glass lens, hinged. Two cable entries. CAD-optimized optics for superior illumination and glare control. Integral driver as thermally separated compartment. OLC® One LED Concept. Factory-installed LED circuit board. Frame with safety catch. Gimbal mounted. 0-360° tiltable and 360° rotatable. Suitable for installation in non-insulated ceiling. A pre-installation blackout, proud or flush, is available and recommended for mounting in concrete ceiling; to be ordered separately. Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately. Example: XXX-XXXX-8004 (Black) + XXX-XXXX (Accessory 1)

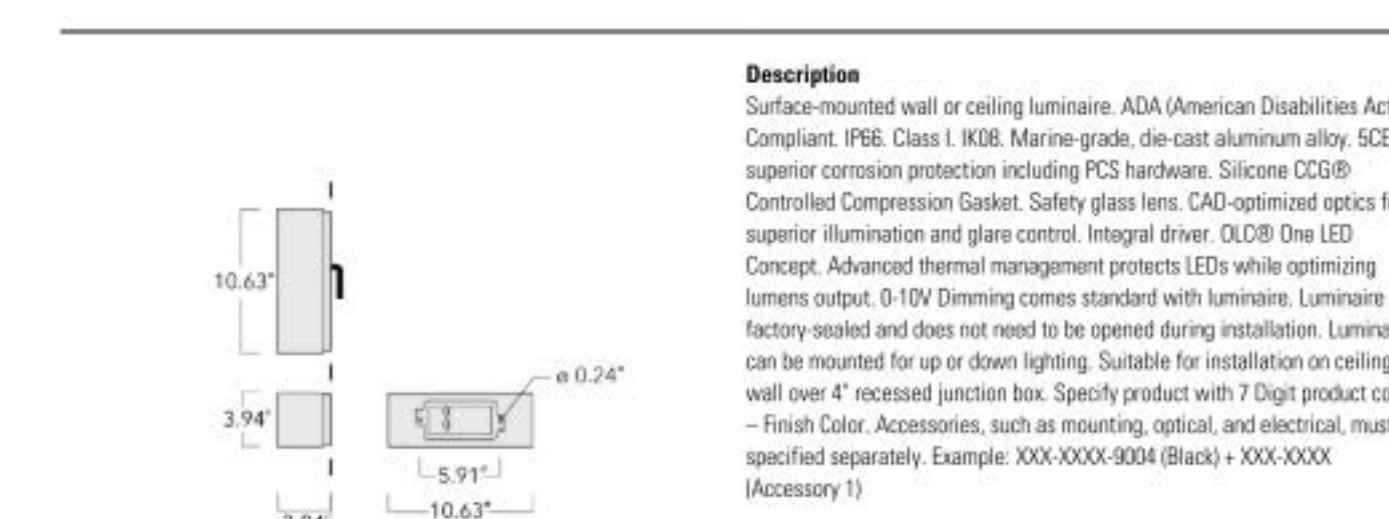
WE-EF LIGHTING USA LLC  
2045 Cooper Avenue +1 412 783 0940 | 410-D Keystone Drive | Warrington PA 19088 U.S.A. | Tel +1 724 742 8030 | info.usa@we-ef.com | www.we-ef.com | 10-05-2023 12:47  
Technical modifications and errors accepted

## WP - WALL SCONCE

**RLS420 LED**  
Surface Mounted Wall Luminaires

**we-ef**

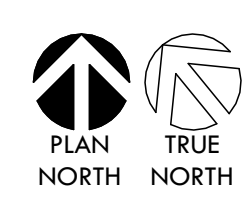
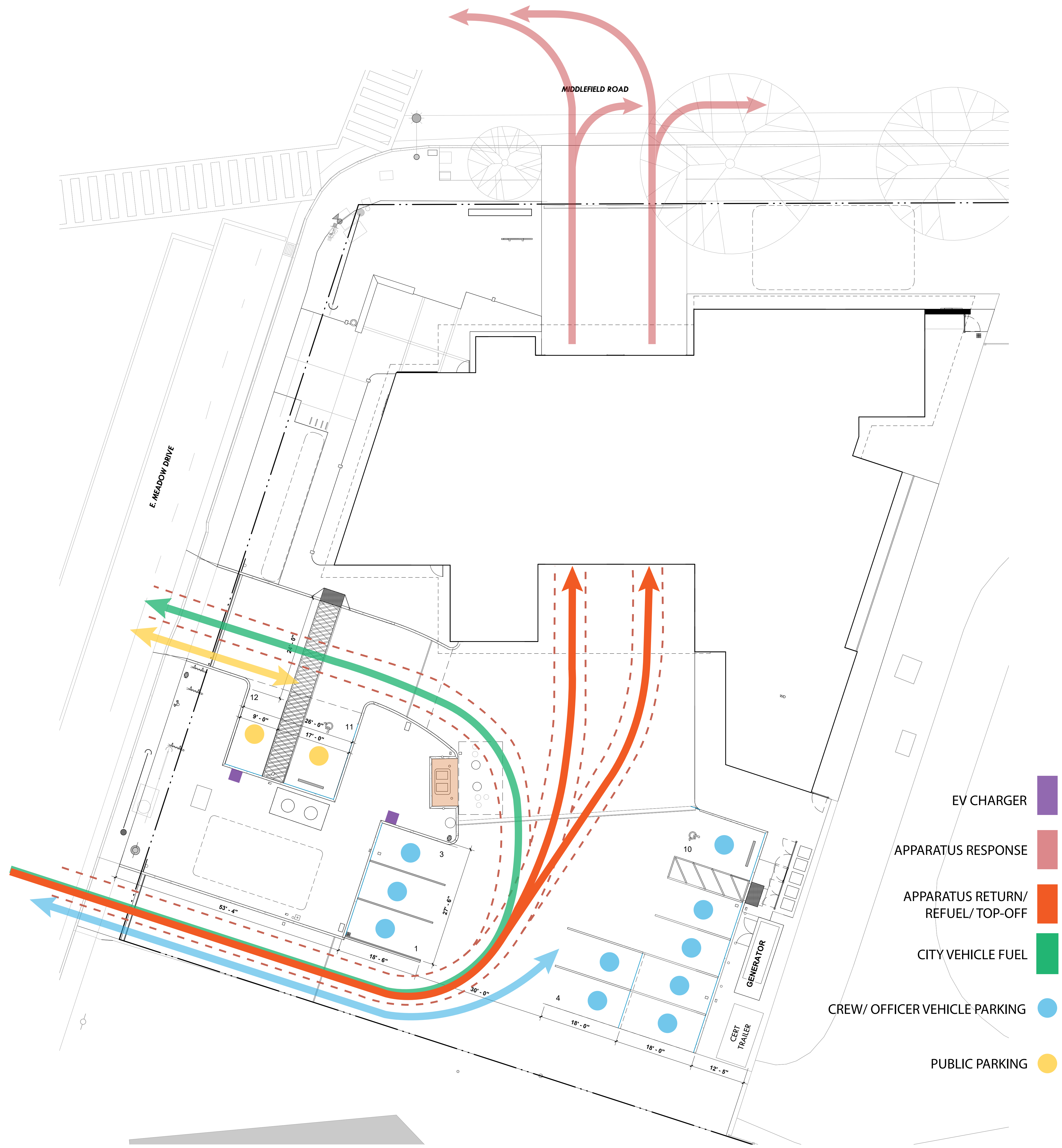
1/5



**Description**  
Surface-mounted wall or ceiling luminaire. ADA (American Disabilities Act) Compliant. IP66, Class I, IK08, Marine-grade, die-cast aluminum alloy. SCE superior corrosion protection including PCS hardware. Silicone CCD® Controlled Compression Gasket. Safety glass lens. CAD-optimized optics for superior illumination and glare control. Integral driver. OLC® One LED Concept. Advanced thermal management protects LEDs while optimizing lumens output. 0-10V Dimming comes standard with luminaire. Luminaire is factory-sealed and does not need to be opened during installation. Luminaire can be mounted for up or down lighting. Suitable for installation on ceiling or wall over 4" recessed junction box. Specify product with 7 Digit product code - Finish Color. Accessories, such as mounting, optical, and electrical, must be specified separately. Example: XXX-XXXX-8004 (Black) + XXX-XXXX (Accessory 1)

WE-EF LIGHTING USA LLC  
2045 Cooper Avenue +1 412 783 0940 | 410-D Keystone Drive | Warrington PA 19088 U.S.A. | Tel +1 724 742 8030 | info.usa@we-ef.com | www.we-ef.com | 01-03-2023 01:50  
Technical modifications and errors accepted

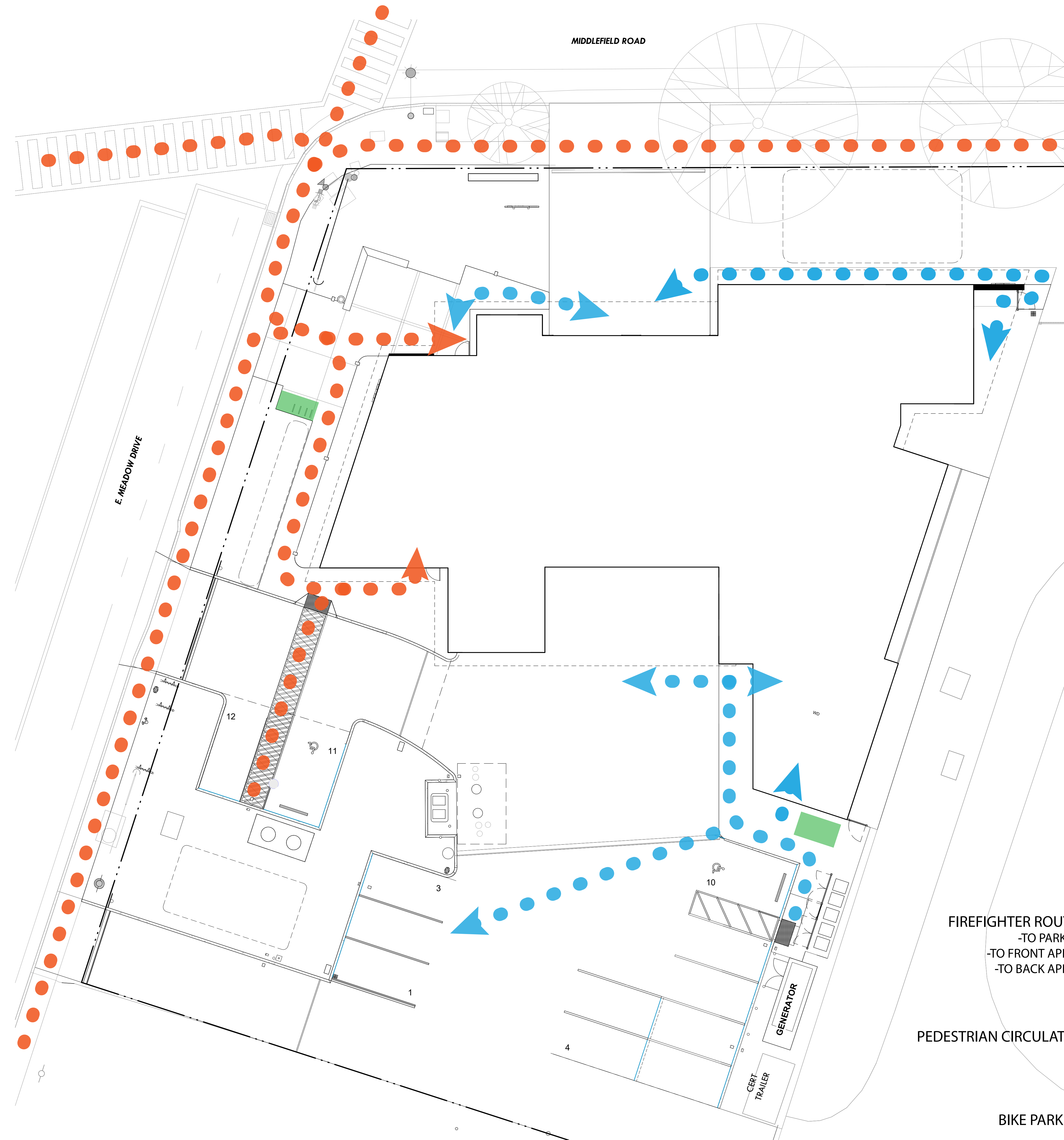




**1 PARKING LAYOUT AND CIRCULATION PLAN**  
1" = 10'-0"

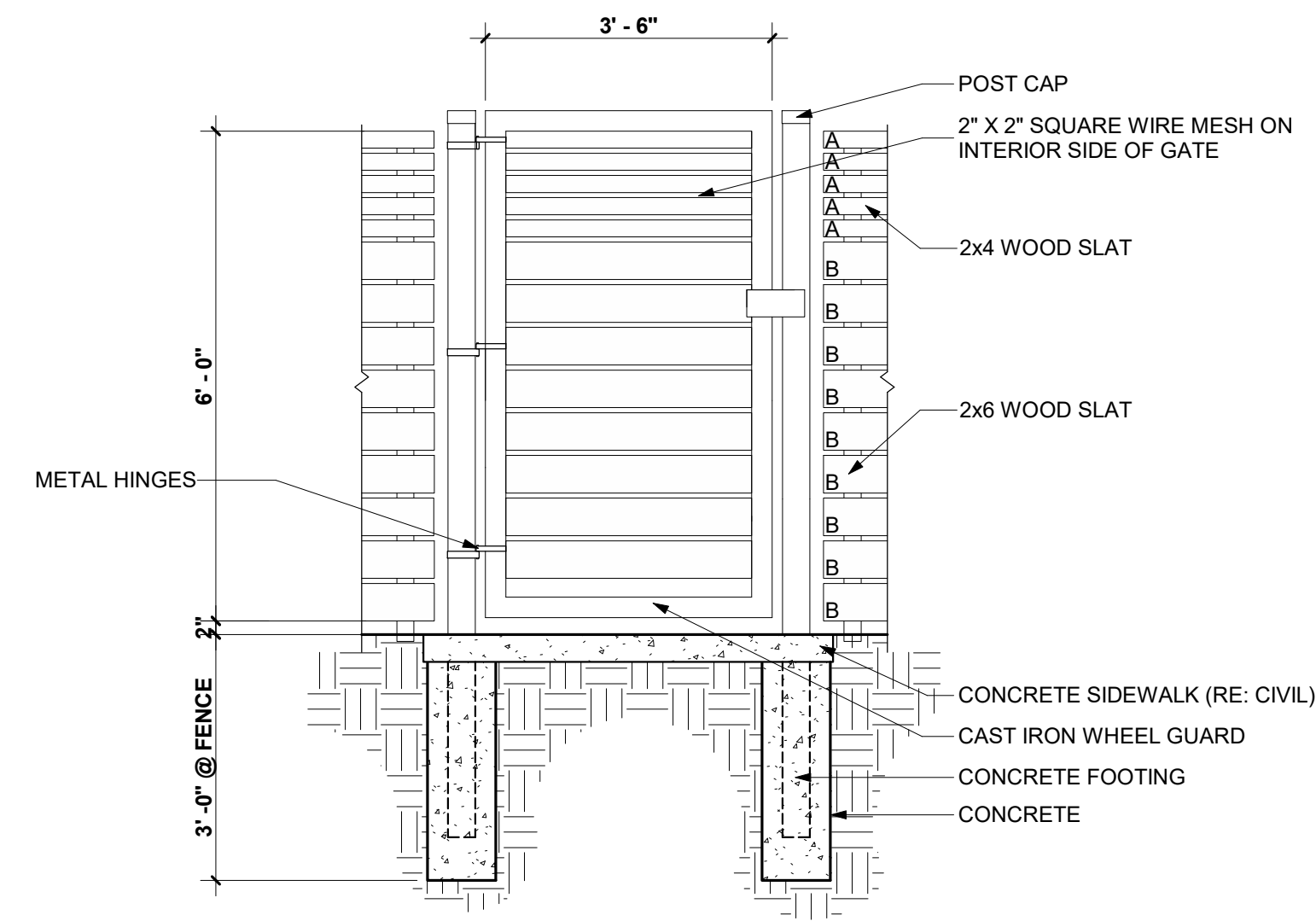
- EV CHARGER ■
- APPARATUS RESPONSE ■
- APPARATUS RETURN/ REFUEL/ TOP-OFF ■
- CITY VEHICLE FUEL ■
- CREW/ OFFICER VEHICLE PARKING ●
- PUBLIC PARKING ●



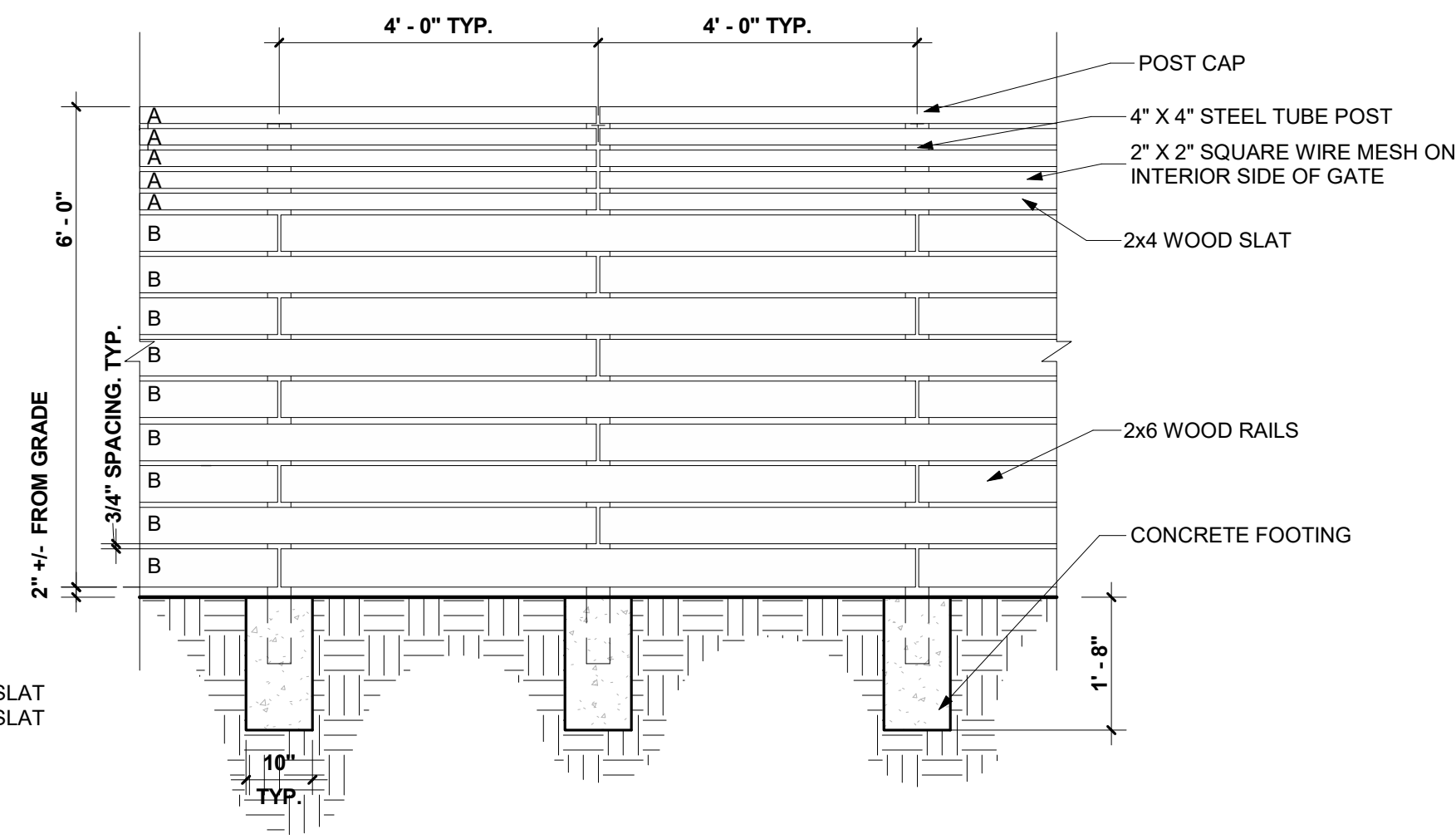


- FIREFIGHTER ROUTES
  - TO PARKING
  - TO FRONT APRON
  - TO BACK APRON
- PEDESTRIAN CIRCULATION
- BIKE PARKING

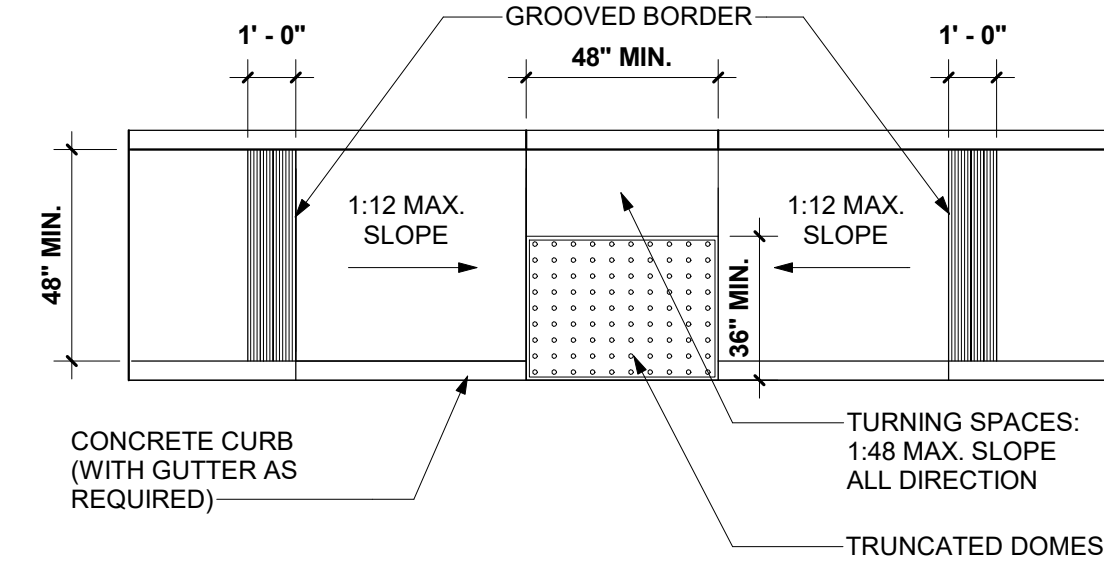

**1 SITE PEDESTRIAN / BICYCLE CIRCULATION PLAN**  
 1" = 10'-0"



**4 WOOD PEDESTRIAN GATE DETAIL**  
1/2" = 1'-0"

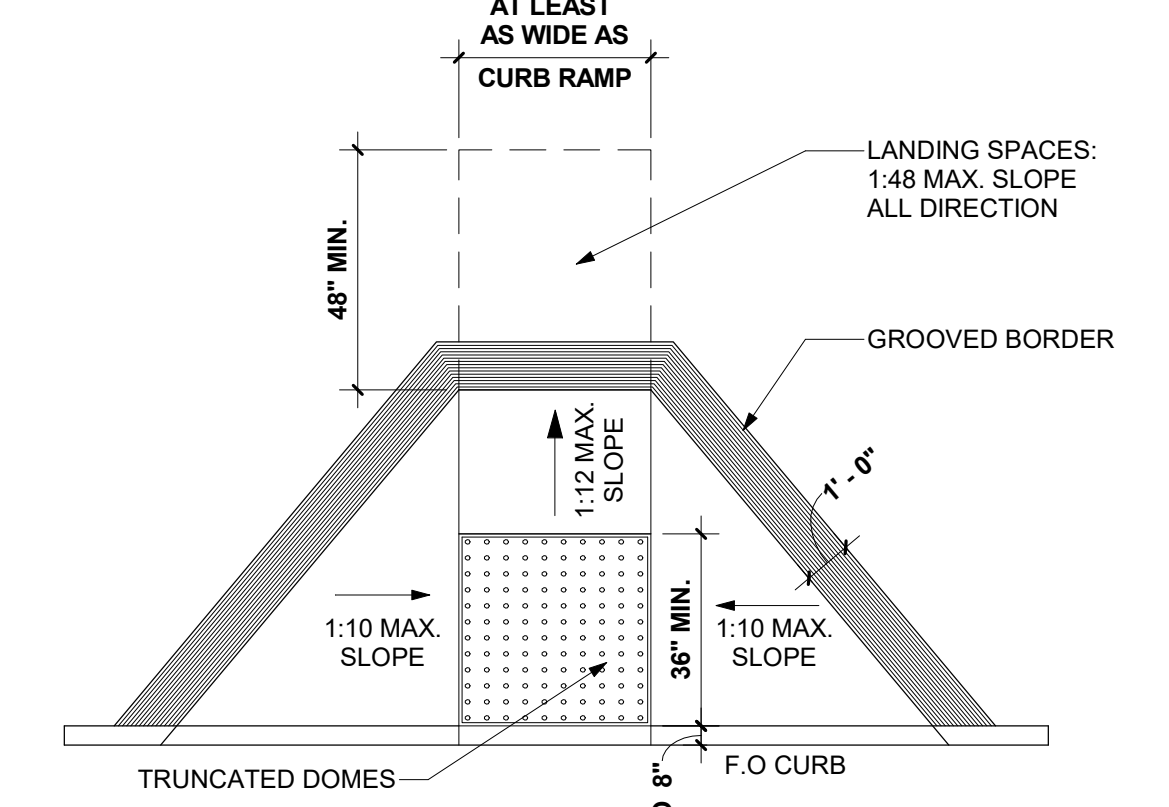


**3 WOOD FENCE ELEVATION**  
1/2" = 1'-0"



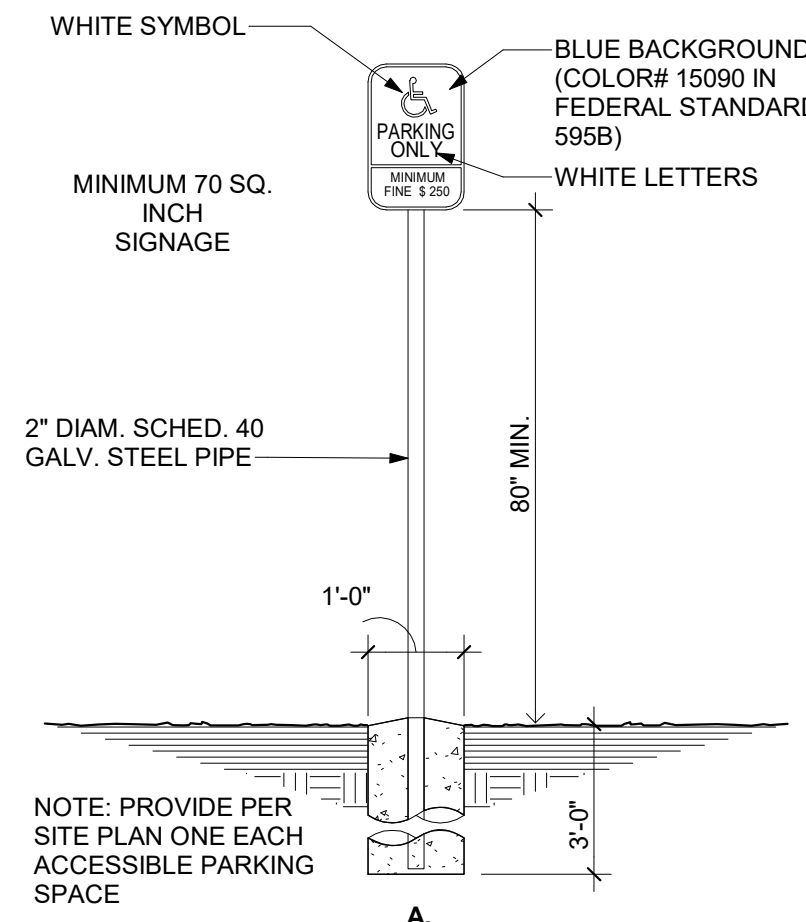
- PARALLEL CURB RAMPS:** THE RUNNING SLOPE OF THE CURB RAMP SEGMENTS SHALL BE IN-LINE WITH THE DIRECTION OF SIDEWALK TRAVEL. RAMP RUNS SHALL HAVE A RUNNING SLOPE NOT STEEPER THAN 1:12. (PER CBC 11B-406.3.1) AND A TURNING SPACE 48 INCHES MIN. BY 48 INCHES MIN. SHALL BE PROVIDED AT THE BOTTOM OF THE CURB RAMP. THE SLOPE OF THE TURNING SPACE IN ALL DIRECTIONS SHALL BE 1:48 MAX. (PER CBC 11B-406.3.2)
- PER CBC 1112A.8 BORDER:** CALL CURB RAMPS SHALL HAVE A GROOVED BORDER 12 INCHES WIDE AT THE LEVEL SURFACE OF THE SIDEWALK ALONG THE TOP AND EACH SIDE APPROXIMATELY 3/4" INCH ON CENTER.
- PER CBC 11B-705.1.2.2 CURB RAMPS:** DETECTABLE WARNINGS AT CURB RAMPS SHALL EXTEND 36 INCHES IN THE DIRECTION OF TRAVEL. DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN EXCLUDING ANY FLARED SIDES.

**2 CURB RAMP - PARALLEL DETAIL**  
1/4" = 1'-0"

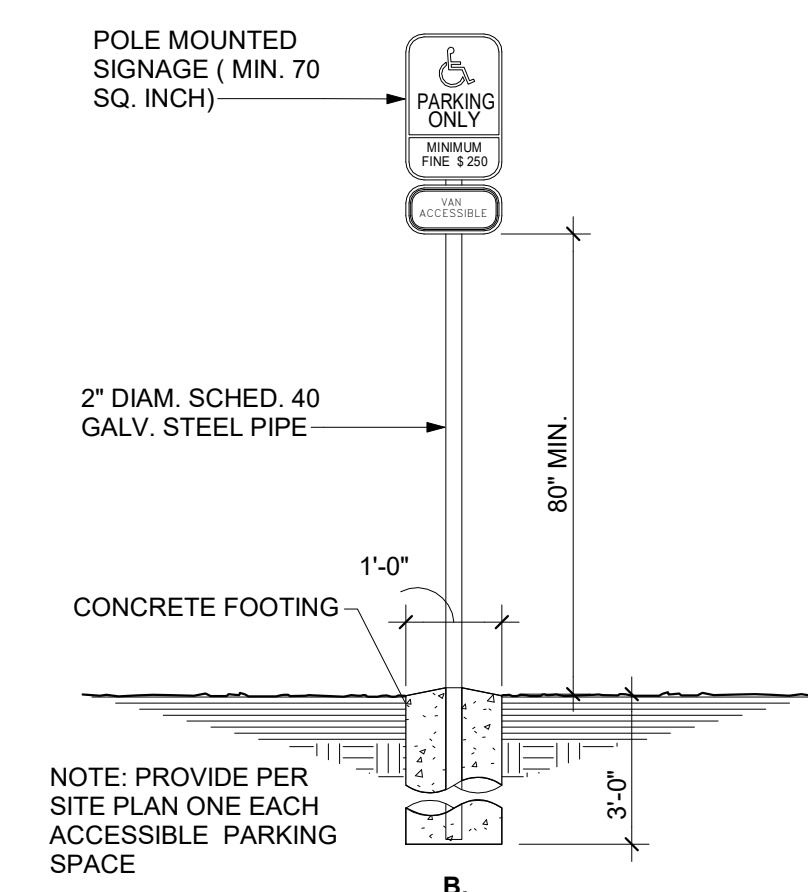


- PERPENDICULAR CURB RAMPS:** RAMP RUNS SHALL HAVE RUNNING SLOPE NOT STEEPER THAN 1:12. (PER CBC 11B-406.2.1) AND WHERE PROVIDED, CURB RAMP FLARES SHALL NOT BE STEEPER THAN 1:10. (PER CBC 11B-406.2.2)
- PER CBC 11B-406.5.2 WIDTH:** THE CLEAR WIDTH OF CURB RAMP RUNS (EXCLUDING ANY FLARED SIDES), BLENDED TRANSITIONS, AND TURNING SPACES SHALL BE 48 INCHES MINIMUM.
- PER CBC 11B-406.5.3 LANDINGS:** THE LANDING CLEAR LENGTH SHALL BE 48 INCHES MINIMUM. THE LANDING CLEAR WIDTH SHALL BE AT LEAST AS WIDE AS THE CURB RAMP, EXCLUDING ANY FLARED SIDES, OR THE BLENDED TRANSITION LEADING TO THE LANDING. THE SLOPE OF THE LANDING IN ALL DIRECTIONS SHALL BE 1:48 MAXIMUM.
- PER CBC 11B-405.5.1 GROOVED BORDER:** CURB RAMPS SHALL HAVE A GROOVED BORDER 12 INCHES WIDE ALONG THE TOP OF THE CURB RAMP AT THE LEVEL SURFACE OF THE TOP LANDING AND AT THE OUTSIDE EDGES OF THE FLARED SIDES.
- PER CBC 11B-705.1.2.2 CURB RAMPS:** DETECTABLE WARNINGS AT CURB RAMPS SHALL EXTEND 36 INCHES IN THE DIRECTION OF TRAVEL. DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN EXCLUDING ANY FLARED SIDES.

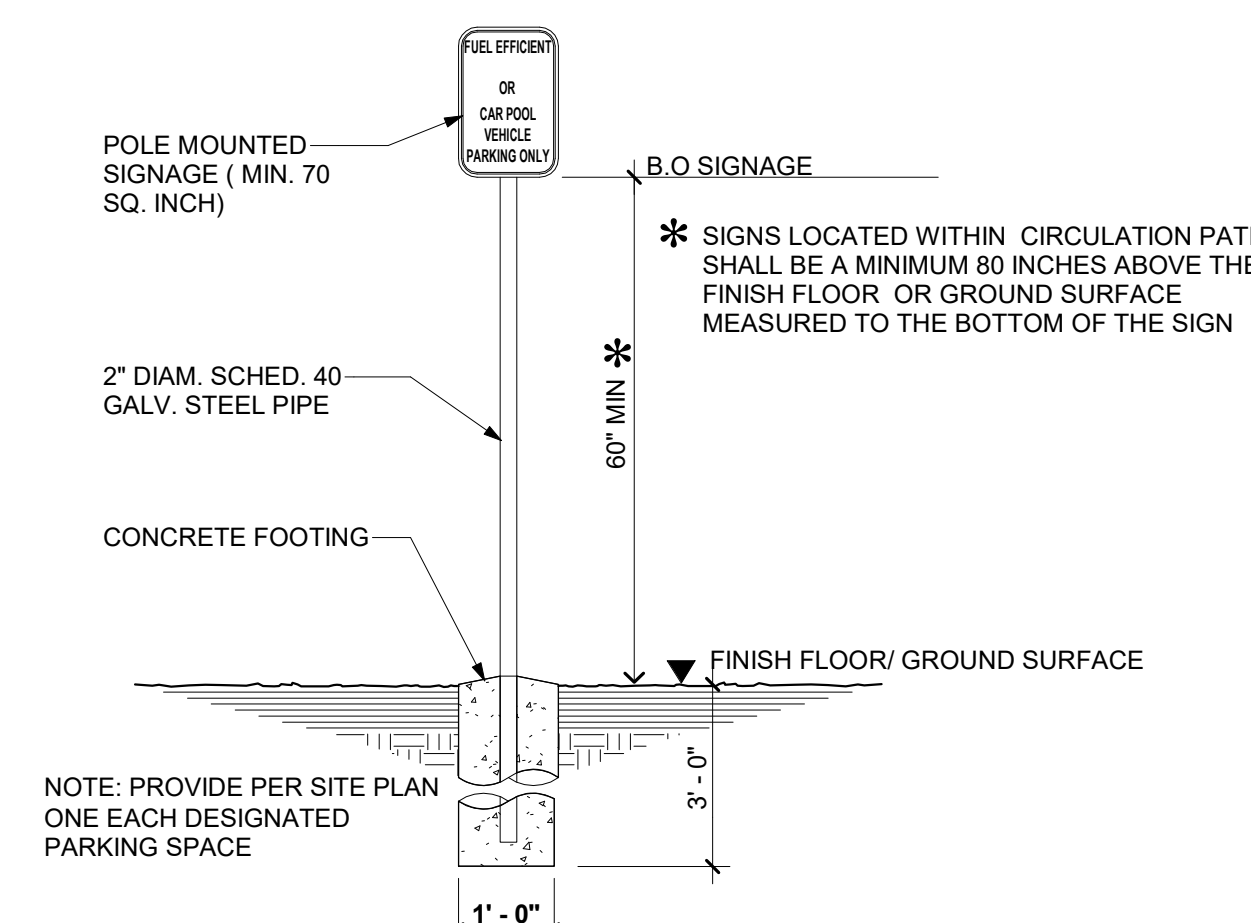
**1 CURB RAMP - PERPENDICULAR DETAIL**  
1/4" = 1'-0"



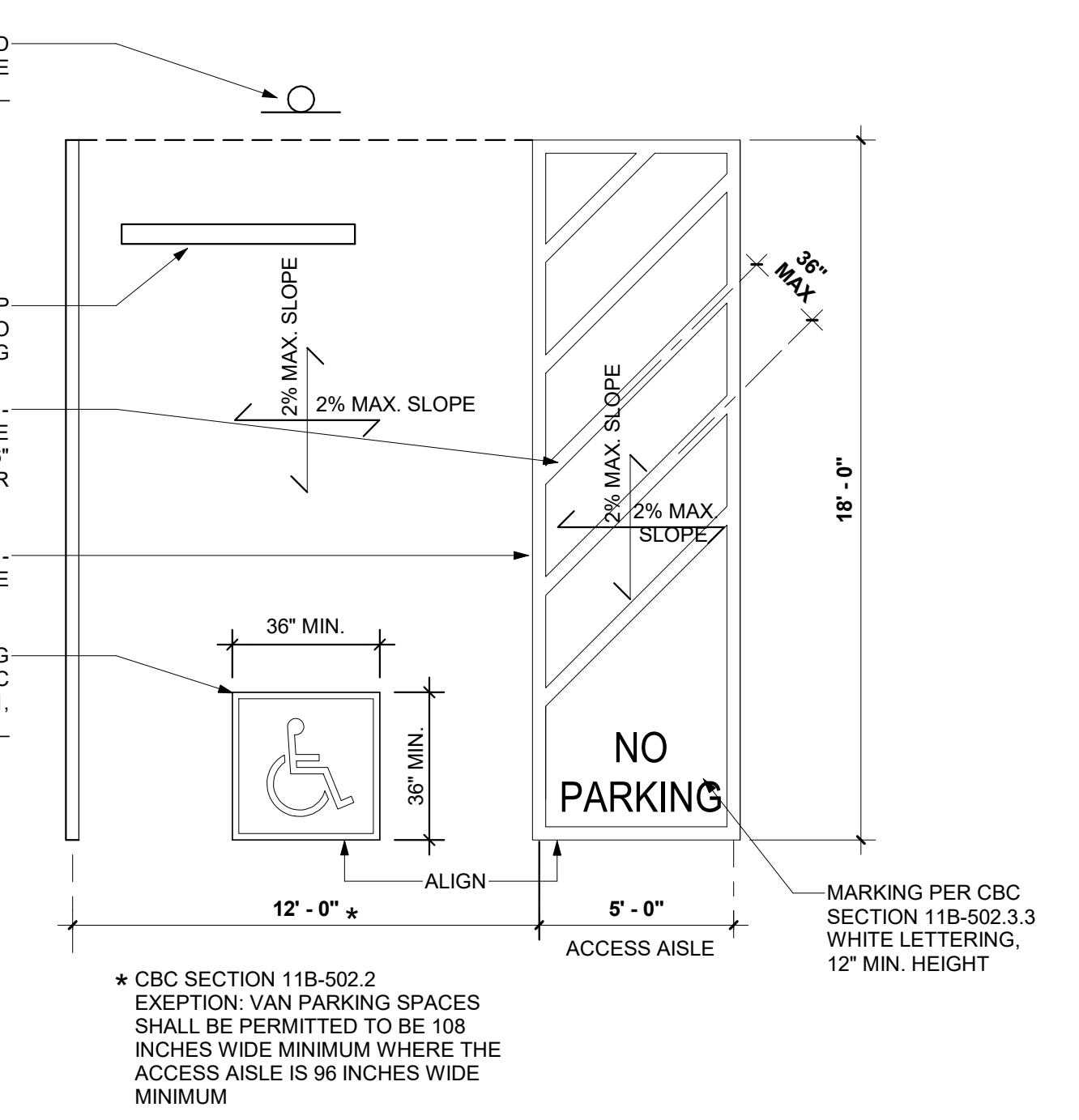
**7 DISABLED PARKING SIGNAGE**  
1/2" = 1'-0"



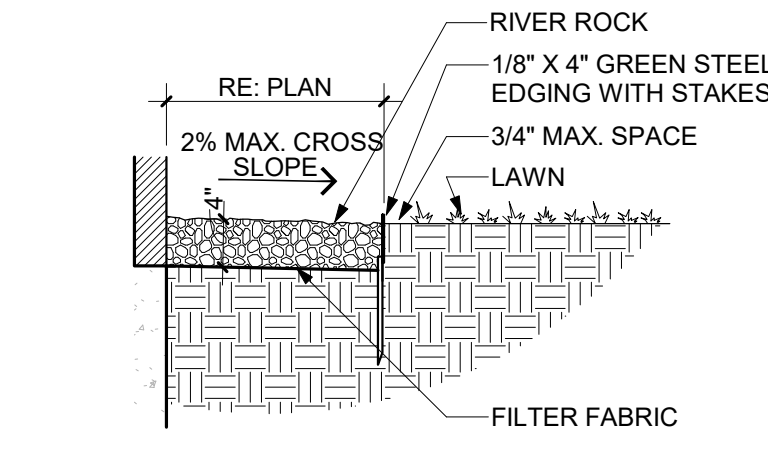
**6 ACCESSIBLE EV PARKING SIGNAGE**  
1/2" = 1'-0"



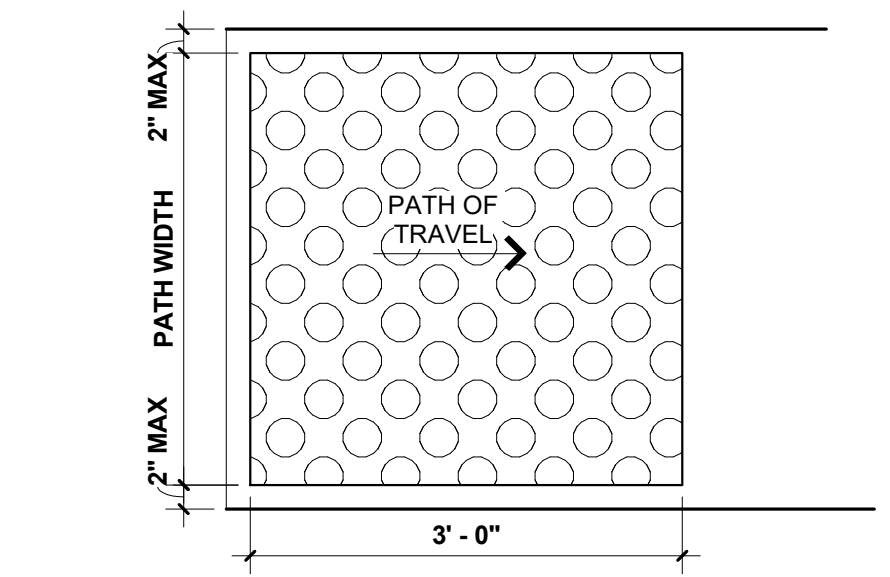
**5 VAN ACCESSIBLE PARKING STALL**  
1/4" = 1'-0"



**EXISTING MONUMENT SIGN TO BE REUSED.**



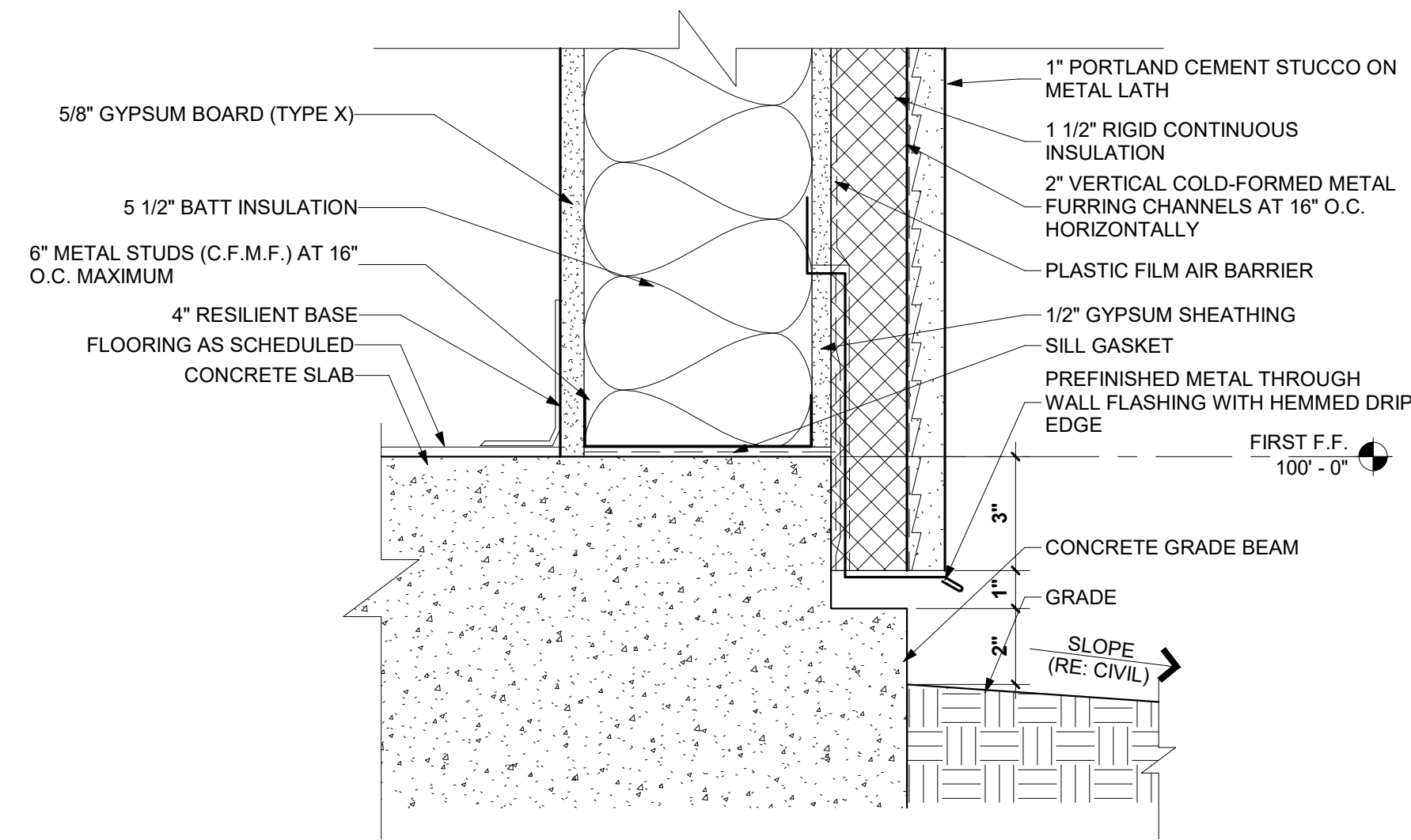
**10 MOW STRIP DETAIL**  
3/4" = 1'-0"



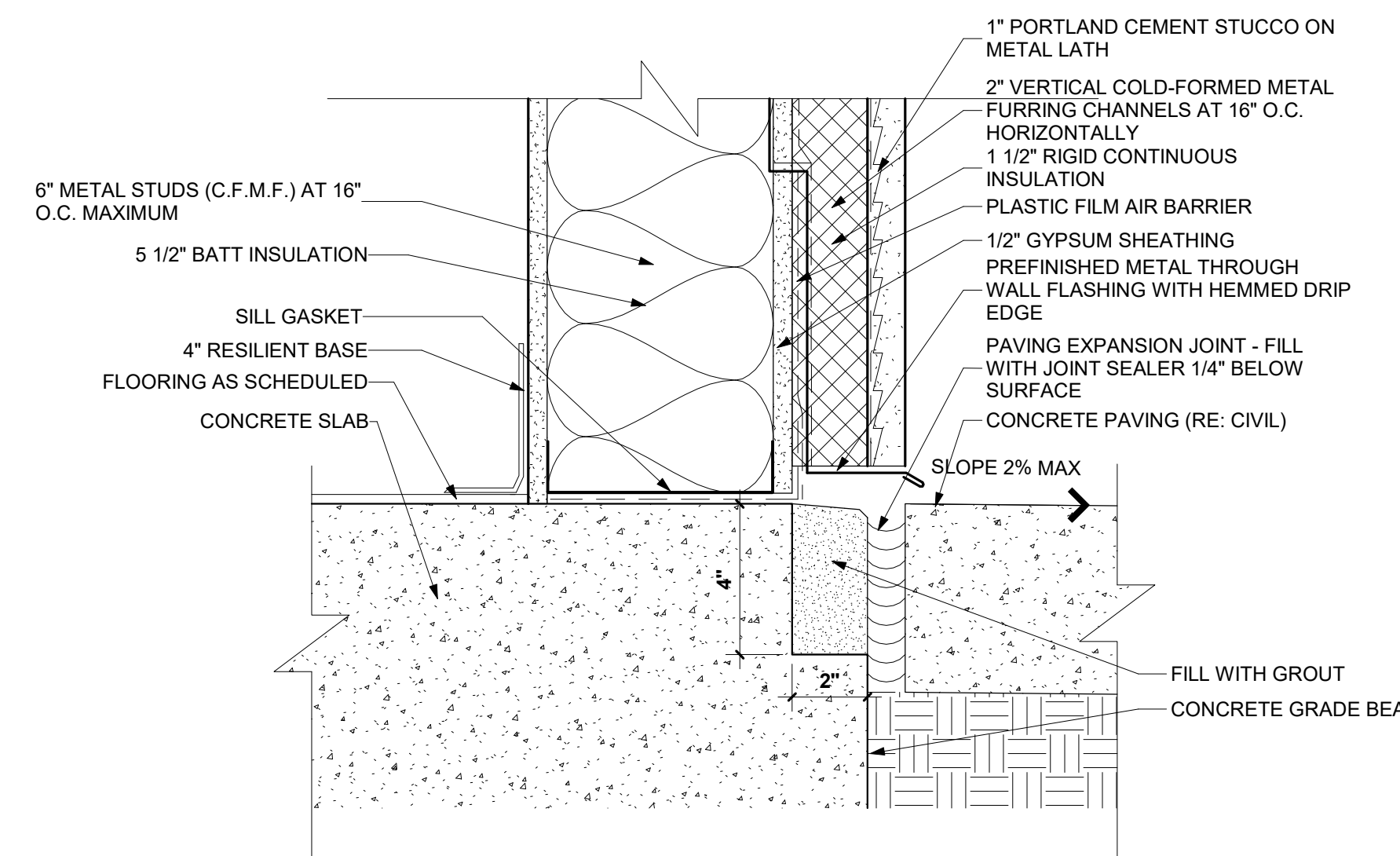
**PER CBC SECTION 11B-705.1.2.2 CURB RAMPS:** DETECTABLE WARNINGS AT CURB RAMPS SHALL EXTEND 36 INCHES (914 MM) IN THE DIRECTION OF TRAVEL. DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE RAMP RUN LESS 2 INCHES (51 MM) MAXIMUM ON EACH SIDE, EXCLUDING ANY FLARED SIDES. DETECTABLE WARNINGS SHALL BE LOCATED SO THE EDGE NEAREST THE CURB IS 6 INCHES (152 MM) MINIMUM AND 8 INCHES (203 MM) MAXIMUM FROM THE LINE AT THE FACE OF THE CURB MARKING THE TRANSITION BETWEEN THE CURB AND THE GUTTER, STREET OR HIGHWAY.

**EXCEPTION: ON PARALLEL CURB RAMPS, DETECTABLE WARNINGS SHALL BE PLACED ON THE TURNING SPACE AT THE FLUSH TRANSITION BETWEEN THE STREET AND SIDEWALK. DETECTABLE WARNINGS SHALL EXTEND THE FULL WIDTH OF THE TURNING SPACE AT THE FLUSH TRANSITION BETWEEN THE STREET AND THE SIDEWALK LESS 2 INCHES (51 MM) MAXIMUM ON EACH SIDE.**

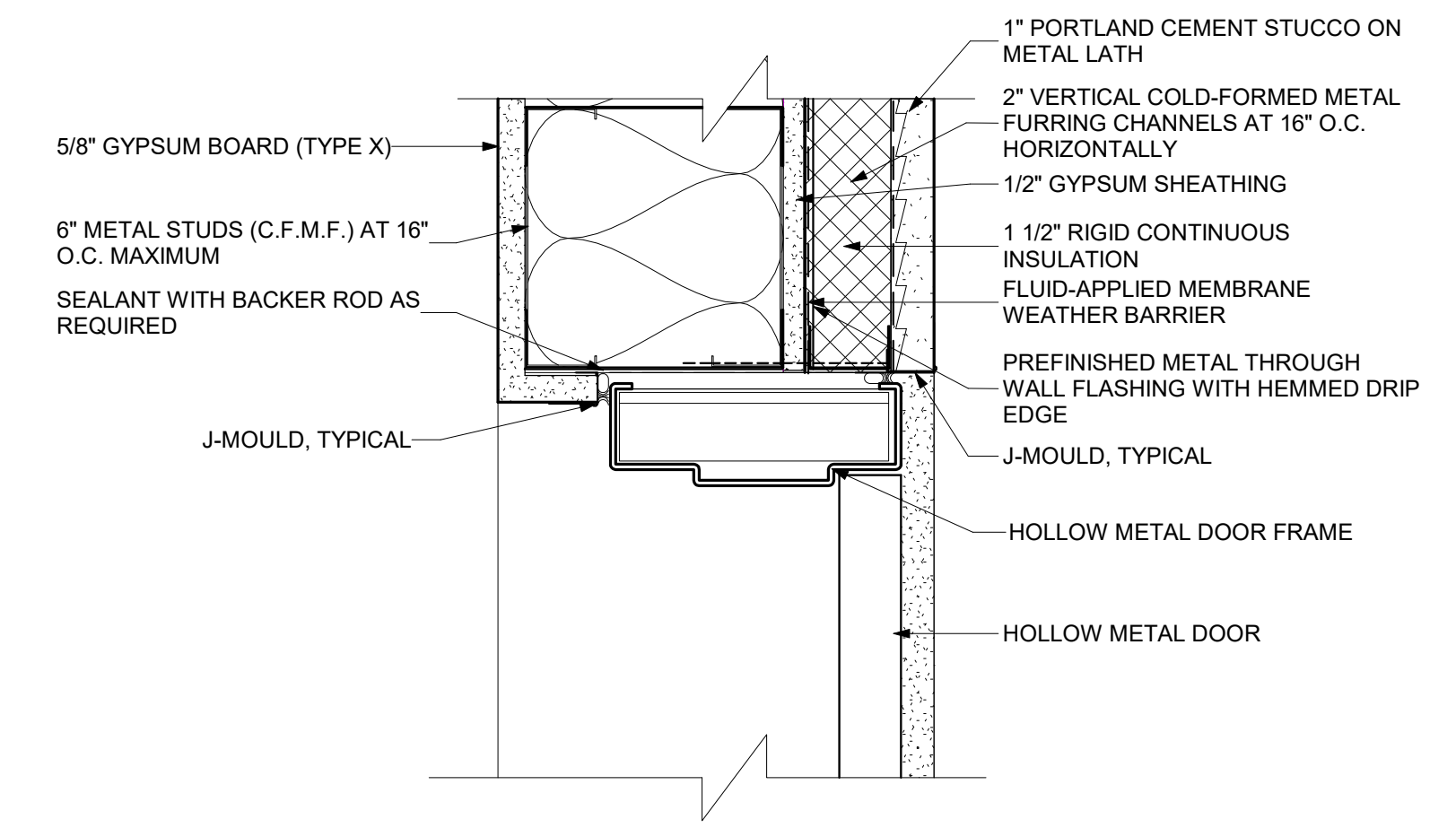
**9 DETECTABLE SURFACE**  
3/4" = 1'-0"



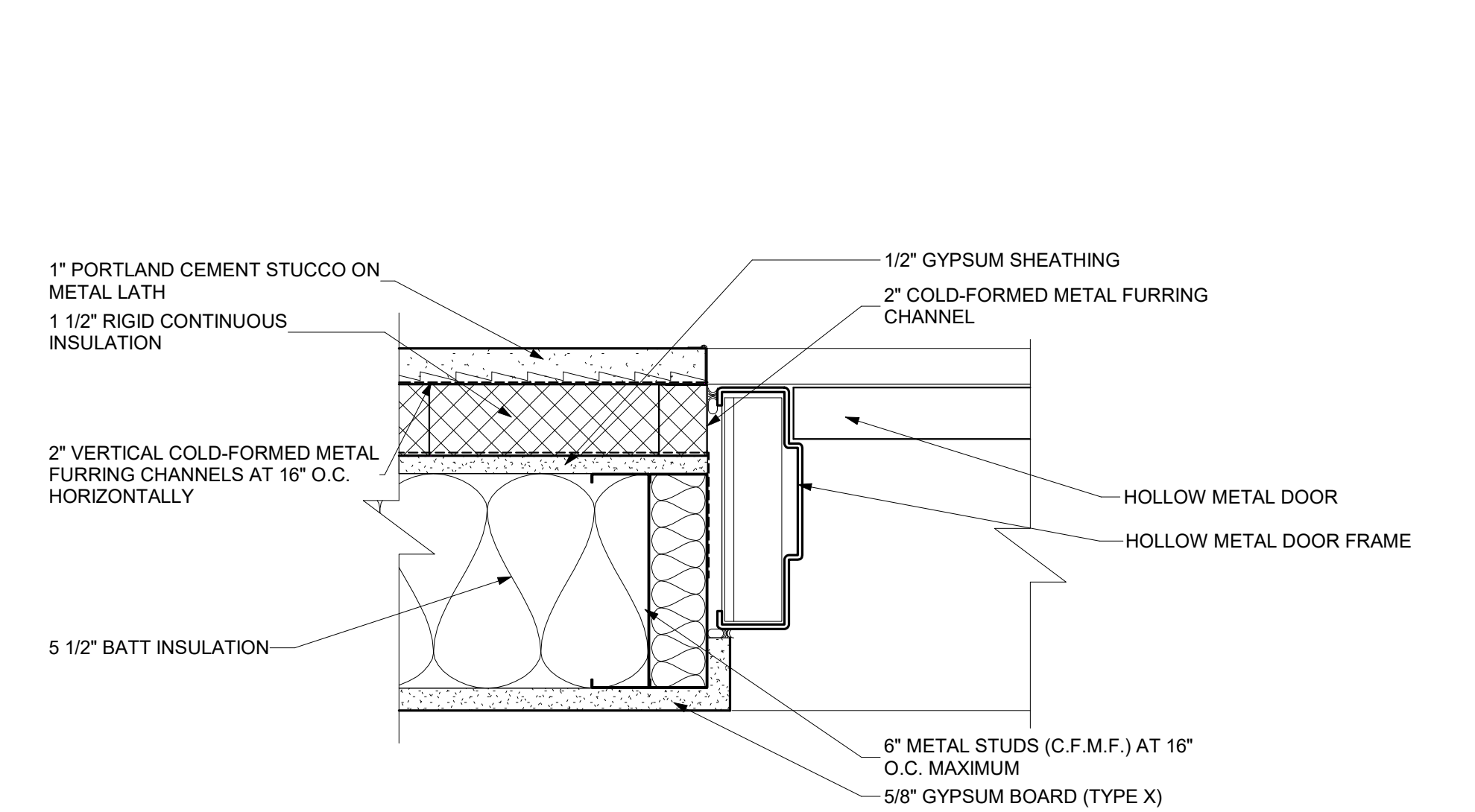
**3 SECTION DETAIL**  
3" = 1'-0"



**4 SECTION DETAIL**  
3" = 1'-0"



**1 DOOR HEAD DETAIL**  
3" = 1'-0"



**2 DOOR JAMB DETAIL**  
3" = 1'-0"

REFER TO SHEET H-1 FOR 1/2" = 1'-0" DETAILS OF ROOF, PARAPETS, FASCIA, AND RAINSCREEN.

Table with 15 columns: Code Section, Y/N, Plan Sheet, Spec or Attachment Reference, Plan Check, Rough GB Inspection, Final Inspection, and various Part 1 and Part 2 checkboxes. Rows include sections 5.1 Planning and Design, 5.2 Water Efficiency and Conservation, and 5.4 Material Conservation and Resource Efficiency.

Table with 15 columns: Code Section, Y/N, Plan Sheet, Spec or Attachment Reference, Plan Check, Rough GB Inspection, Final Inspection, and various Part 1 and Part 2 checkboxes. Rows include sections 5.4 Material Conservation and Resource Efficiency, 5.5 Environmental Quality, and 5.6 Environmental Quality.

Legend:
Y - Yes; the measure is in the scope of work
N - No; the measure is not in the scope of work
PAMC - Palo Alto Municipal Code; locally amended
[N] - New Construction
[M] - Multi-family dwellings
[AA] - Additions and alterations
[HR] - High-rise building

The Green Building Survey is a required project submittal. The survey can be found at the following link. The online survey shall be completed and a Green Building Survey Report will be sent in an email. Include a copy of the survey report on a separate page in this plan set. Please indicate the reference page here.
The ENERGY STAR Portfolio Manager profile is a required project submittal and can be created at the following link. The Portfolio Manager profile shall be opened and a screenshot shall be included on a separate page in this plan set. Please indicate the reference page here.
For more information on energy benchmarking, please visit City of Palo Alto Utilities "Benchmarking Your Building" webpage here.

Special Inspector Acknowledgement
The project will be verified by a COMMERCIAL GREEN BUILDING SPECIAL INSPECTOR
I have reviewed the project plans and specifications, and they are in conformance with the CALGreen mandatory and elective measures claimed. I have reviewed and understand the after-construction requirements below.
Signature (Green Building Special Inspector)
Print Name
Phone or Email
Date
SECTION TO BE COMPLETED AFTER CONSTRUCTION
In order to schedule a final building inspection with the Building Department, follow the procedures below.
Schedule a two-part Final Green Building Inspection with the City Green Building Department in accordance with the Palo Alto Non-Residential Green Building Inspection Guidelines.
At Part 1 of the Final Green Building Inspection prepare all submittals and supporting documentation for the items identified with an "X" under the "Y" column of this sheet in accordance with the Green Building Inspection Guidelines.
At Part 2 of the Final Green Building Inspection prepare for a field inspection for the items identified with an "X" under the "Y" column of this sheet in accordance with the Green Building Inspection Guidelines.
Certify that:
There have been no alterations that have impacted the energy report for the project, unless the new report is provided.
All mandatory CALGreen measures and required electives noted in the checklist have been implemented, unless a new checklist is provided along with support for alternative electives claimed.
Within six months (6) from the date of final inspection I will provide the City with the project's Commissioning Report only required for projects over 10,000 SF and include compliance with landscaping measures, unless completed at the time of final inspection.
Signature (Green Building Special Inspector)
Print Name
Date

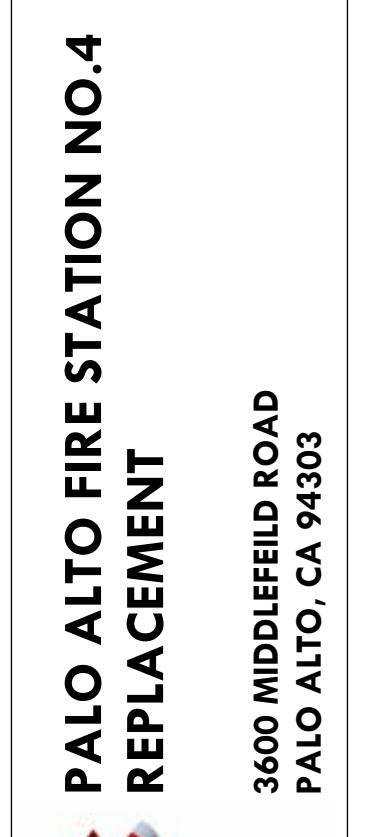
Project Address: 3600 Middlefield Road
2022 NONRESIDENTIAL CHECKLIST - CALGREEN MANDATORY + TIER 2
GB-1 MANDATORY + TIER 2



Title 24, Part 11, California Green Building Code (CALGreen)
City of Palo Alto Development Center Green Building Requirements
City of Palo Alto Green Building Ordinance 5570 (PAMC 16.14 Amendments)
https://www.dps.ca.gov/BSC/CALGreen
https://www.cityofpaloalto.org/Departments/Planning/Development/Services/Development/Services/Green-Building/Compliance
https://codebooks.embarq.com/codes/paloalto/calgreen\_ruled\_0-72906

2022 NONRESIDENTIAL GREEN BUILDING APPLICATION CALGREEN MANDATORY + TIER 2
Version 01/23

Application: This plan sheet is for nonresidential new construction or additions of 1,000 SF or greater (PAMC 16.14.080).



P-1

GB-1 GREEN BUILDING CHECKLIST

JUNE 12, 2023



**FROM MIDDLEFIELD RD**



**FROM EAST MEADOW**



**FROM EAST MEADOW**



**FROM MIDDLEFIELD RD**



**AERIAL**

