

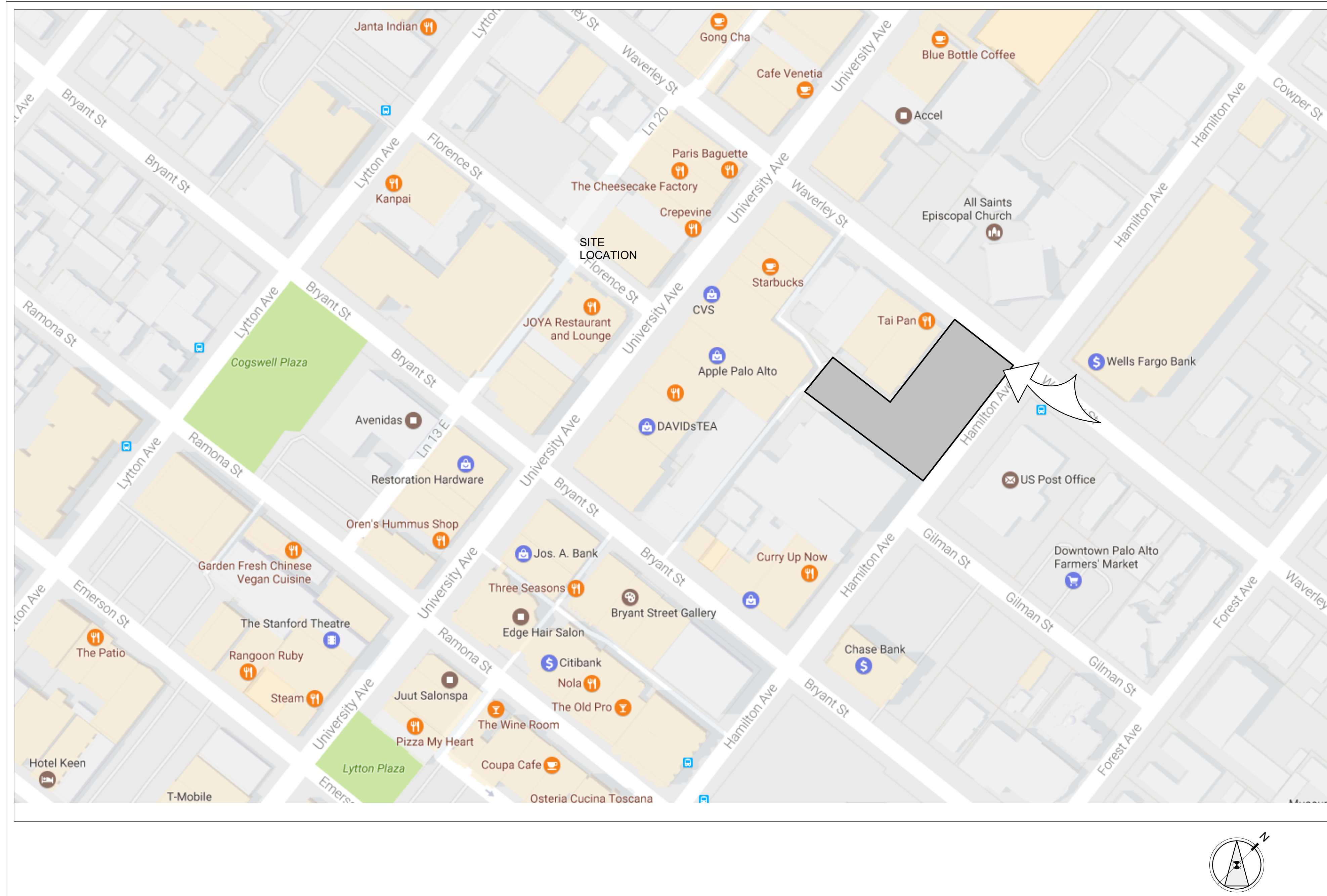
# DOWNTOWN PARKING GARAGE

PALO ALTO, CA



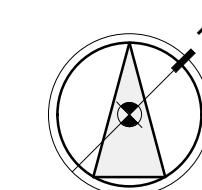
VIEW OF GARAGE FROM CORNER OF HAMILTON AVE. AND WAVERLEY ST.

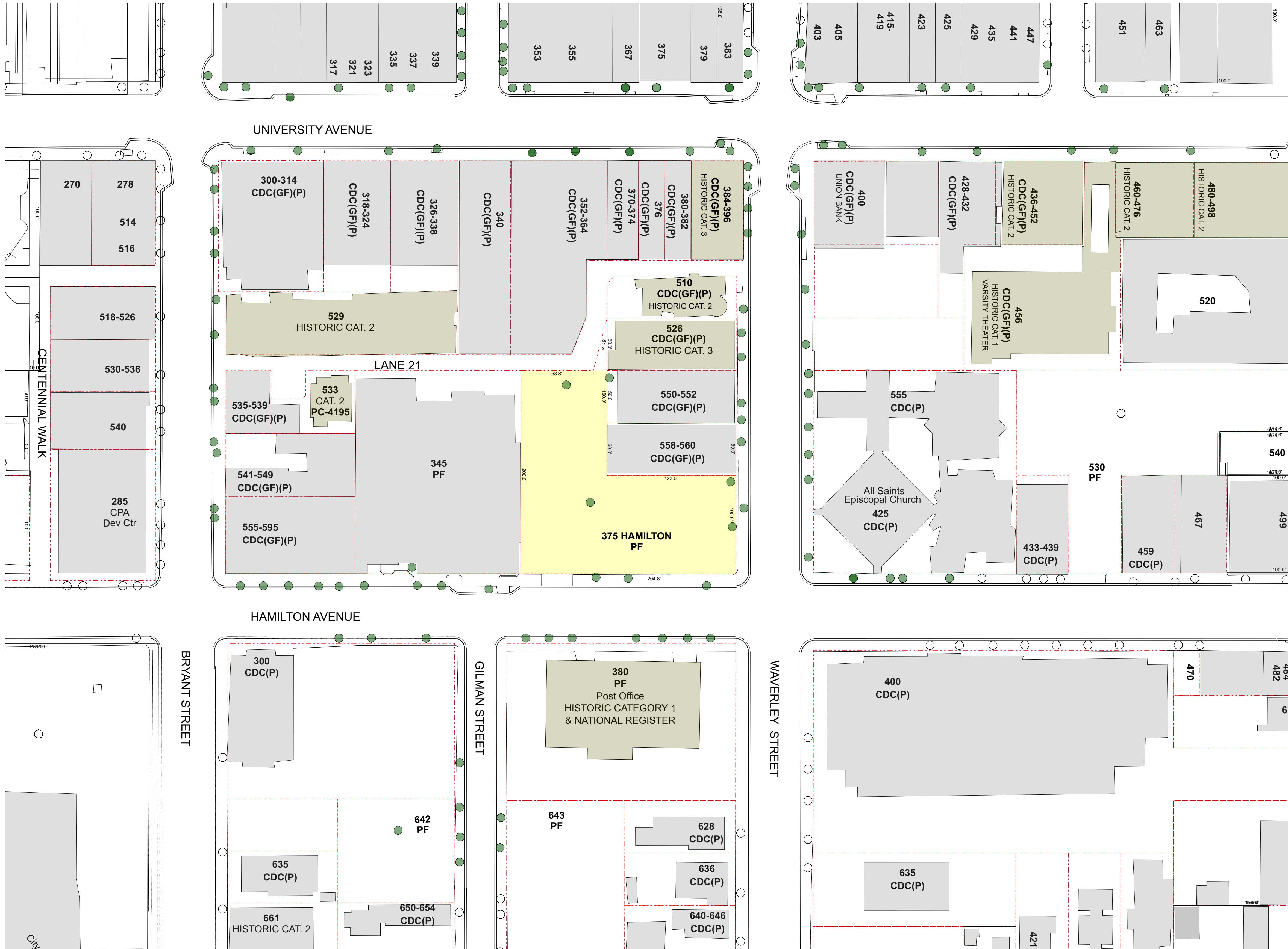
### VICINITY MAP



### SHEET INDEX

- ARB 1.0 - COVER SHEET
- ARB 1.1 - SHEET INDEX
- ARB 1.2 - VICINITY MAP
- ARB 1.3 - CONTEXT PHOTOGRAPHS
- ARB 1.4 - DESIGN IMAGES AND MATERIALS
- ARB 1.5 - EXISTING CIVIL SITE PLAN
- ARB 1.6 - CIVIL SITE PLAN
- ARB 1.7 - SITE PLAN
- ARB 2.1 - GROUND LEVEL PLAN
- ARB 2.2 - LEVEL 02 AND LEVEL 03 PLAN
- ARB 2.3 - LEVEL 04 AND LEVEL 05 PLAN
- ARB 2.4 - LEVEL 06 AND PV PLAN
- ARB 3.1 - BUILDING SECTIONS
- ARB 3.2 - STREETSCAPE ELEVATIONS
- ARB 3.3 - HAMILTON AVE. ELEVATIONS
- ARB 3.4 - WAVERLY ST. ELEVATIONS
- ARB 3.5 - PASEO ELEVATIONS
- ARB 3.6 - ELEVATIONS
- ARB 3.7 - WALL SECTIONS
- ARB 3.8 - WALL SECTIONS
- ARB 3.9 - SCHEMATIC DETAILS
- ARB 3.10 - VIEW OF HAMILTON AVENUE
- ARB 3.11 - VIEW OF THE CORNER
- ARB 3.12 - VIEW OF RESIDENTIAL OPTION A
- ARB 3.13 - VIEW OF RESIDENTIAL OPTION B
- ARB 3.14 - VIEW OF WAVERLY STREET
- ARB 3.15 - VIEW OF PASEO
- ARB 3.16 - VIEW OF GARAGE STAIR AND ELEVATOR
- ARB 3.17 - VIEW OF GARAGE ENTRIES
- ARB 4.1 - LANDSCAPE SCHEMATIC PLAN
- ARB 4.2 - MATERIALS AND PLANT SELECTIONS
- ARB 4.3 - MINI PARK CONCEPT
- ARB 4.4 - TREE PROTECTION PLAN
- ARB 5.1 - SITE PHOTOMETRIC AND LIGHT SPILL
- ARB 5.2 - LUMINAIRE CUT SHEETS - SITE PLAN
- ARB 5.3 - ROOFTOP PHOTOMETRICS AND LIGHT SPILL
- ARB 5.4 - LUMINAIRE CUT SHEETS - ROOFTOP PLAN
- ARB 6.1 - PARKING GUIDANCE
- ARB 6.2 - FAR DIAGRAM
- GB-1 - CALGREEN MANDATORY + TIER 2
- T-1 - SPECIAL TREE PROTECTION INSTRUCTION SHEET
- T-2 - SPECIAL TREE PROTECTION INSTRUCTION SHEET





**PARCEL INFORMATION**

ADDRESS: 375 HAMILTON AVENUE  
 ASSESSORS PARCEL #: 120-15-086  
 NET LOT SIZE: 29,164 SQ FT  
 ZONE DISTRICT: PF - PUBLIC FACILITY  
 COMP. PLAN DISTRICT: CC - REGIONAL / COMMUNITY COMMERCIAL  
 FLOOD ZONE: X  
 HISTORIC STATUS: NONE

**DEVELOPMENT STANDARDS**

PERMITTED LAND USE: ALL FACILITIES OWNED, OR LEASED, AND OPERATED OR USED BY THE CITY OF PALO ALTO... OR LEASED BY ANY SUCH AGENCY TO ANOTHER PARTY.

MINIMUM SETBACKS: EQUAL TO CD-C MIXED USE:  
 HAMILTON AVENUE: 7'-0" SPECIAL SETBACK  
 WAVERLEY STREET: 0 FEET  
 REAR YARD: 0 FEET  
 SIDE YARD: 0 FEET

PER 18.28.050, TABLE 2: THE MINIMUM FRONT, SIDE, AND REAR YARDS IN THE PF PUBLIC FACILITIES DISTRICT SHALL BE EQUAL TO THE RESPECTIVE FRONT, SIDE, AND REAR YARDS REQUIRED IN THE MOST RESTRICTIVE ABUTTING DISTRICT, PROVIDED, THAT NO YARD ADJOINING A STREET SHALL BE LESS THAN 20 FEET AND THAT NO INTERIOR YARD SHALL BE LESS THAN 10 FEET.

PER 18.28.060 (E): DEVELOPMENT STANDARDS EXCEPTIONS: THE CITY COUNCIL MAY IN ITS DISCRETION MODIFY THE DEVELOPMENT STANDARDS IN TABLE 2 OF SECTION 18.28.050 AND SETBACK LINES ESTABLISHED BY A SPECIAL SETBACK MAP UNDER CHAPTER 20.08 OF TITLE 20, TO ACHIEVE COMMUNITY OBJECTIVES FOR THE FOLLOWING FACILITIES:

(1) PARKING FACILITIES, INCLUDING APPURTENANT STRUCTURES, WITHIN THE DOWNTOWN... WHERE THE PARKING FACILITY IS THE PRINCIPAL USE AND IS OWNED OR LEASED, AND OPERATED OR USED, BY THE CITY OF PALO ALTO.

MAXIMUM HEIGHT: 50'-0" EXCEPT ROOF SCREENS AND SIMILAR FEATURES SITE IS NOT WITHIN 150' OF A RESIDENTIAL DISTRICT.

MAXIMUM SITE COVERAGE: EQUAL TO CD-C MIXED USE: NO REQUIREMENT

MAXIMUM F.A.R.: EQUAL TO CD-C MIXED USE  
 1:1 RESIDENTIAL & 1:1 NON-RESIDENTIAL

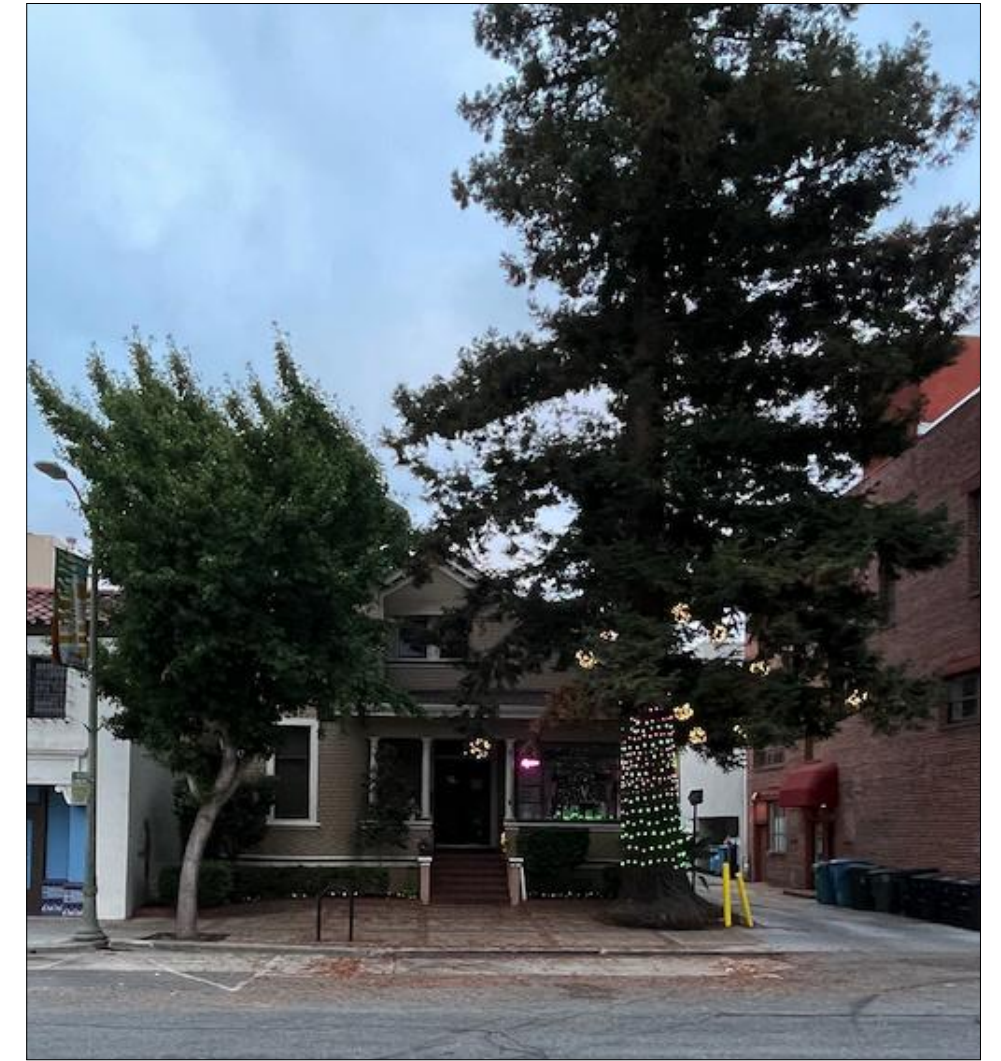
DAYLIGHT PLANE: NONE, SITE DOES NOT ABUT A RESIDENTIAL DISTRICT.

RECYCLING STORAGE: PER PAMC 18.28.060(a) ALL NEW DEVELOPMENT... SHALL PROVIDE ADEQUATE AND ACCESSIBLE INTERIOR AREAS OR EXTERIOR ENCLOSURES FOR THE STORAGE OF RECYCLABLE MATERIALS IN APPROPRIATE CONTAINERS.

**VICINITY MAP LEGEND**

ADDRESS NUMBER ###  
 ZONE DISTRICT CDC(GF)(P)  
 PROPERTY LINE  
 STREET TREE  
 PROPERTY LISTED ON HISTORIC INVENTORY  
 PROJECT SITE





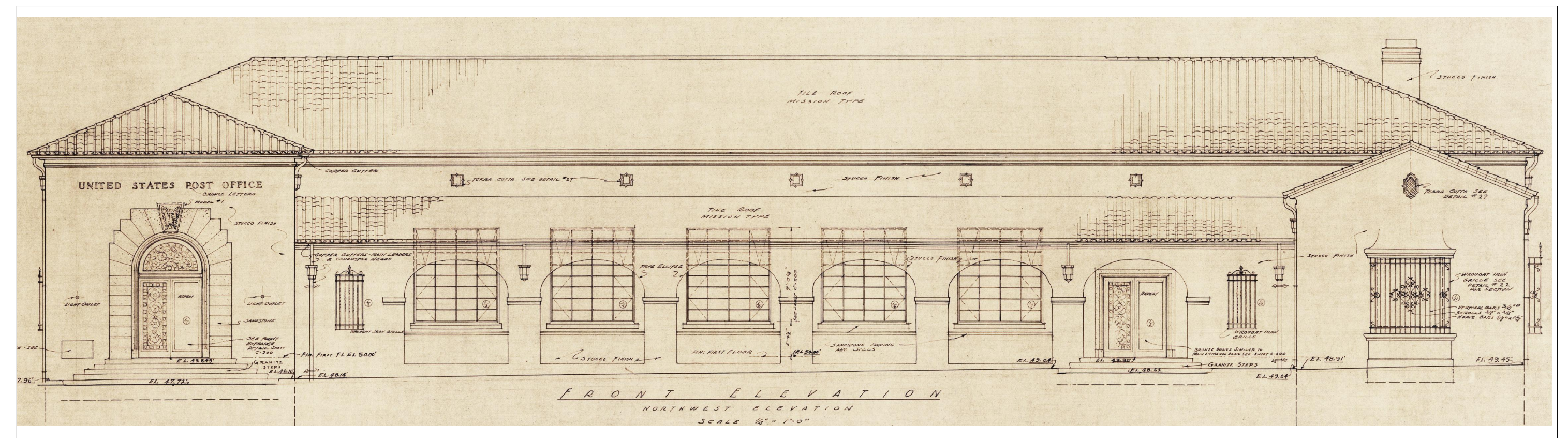
LOT D, PROJECT SITE

WAVERLEY STREET STREETSCAPE, FACING SOUTH-WEST



LOT D, PROJECT SITE

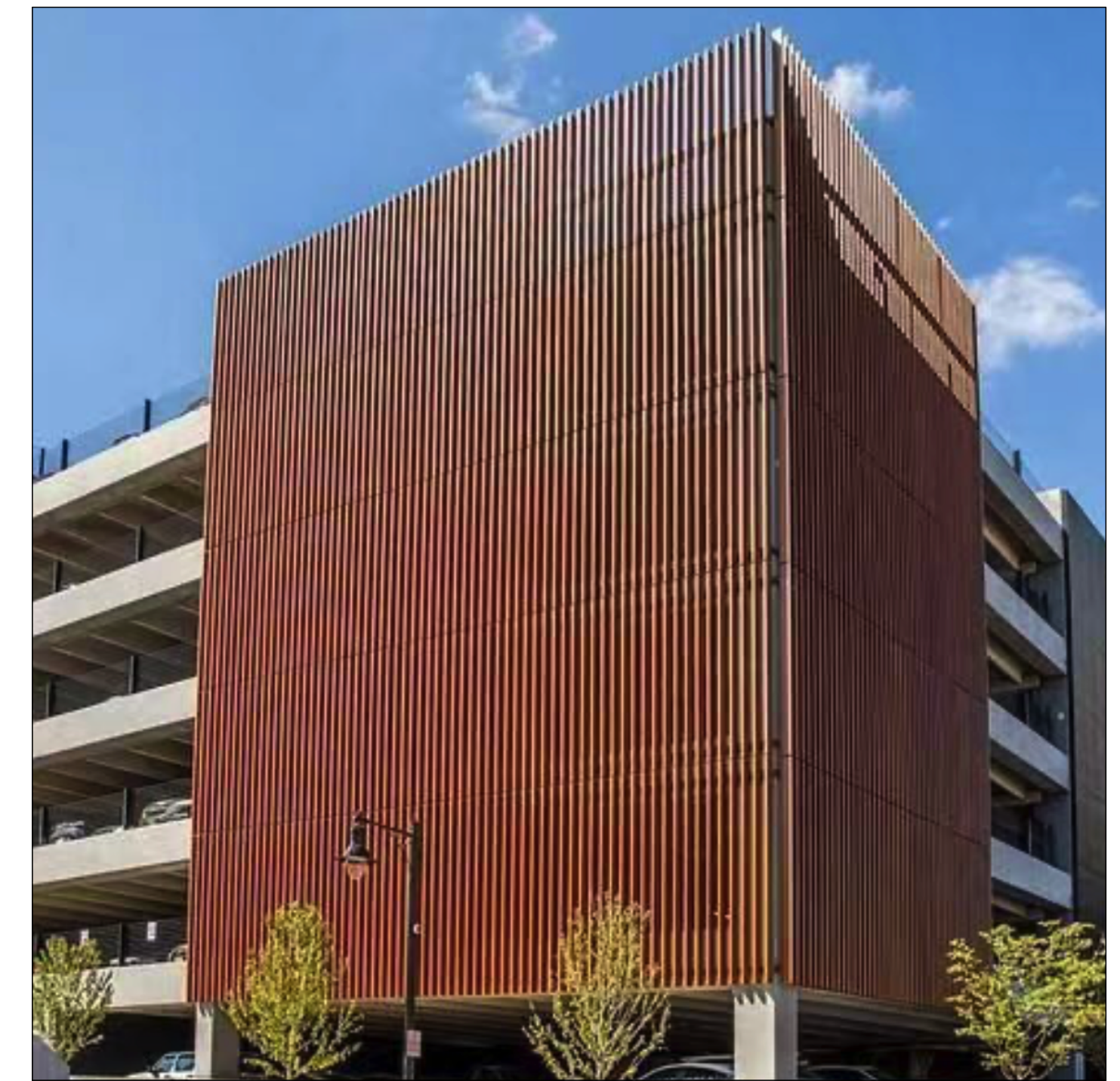
HAMILTON AVENUE STREETSCAPE, FACING NORTHWEST



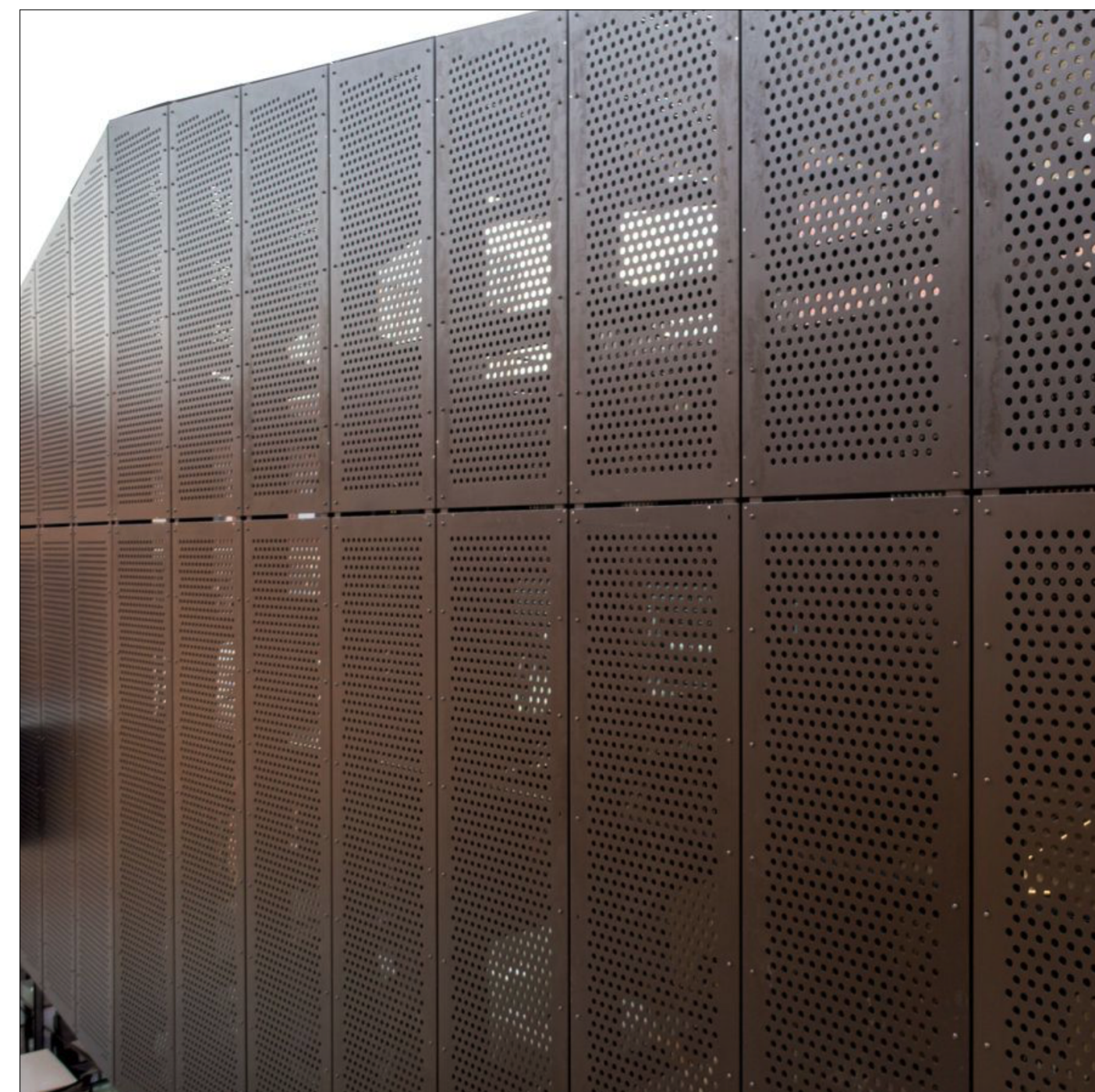
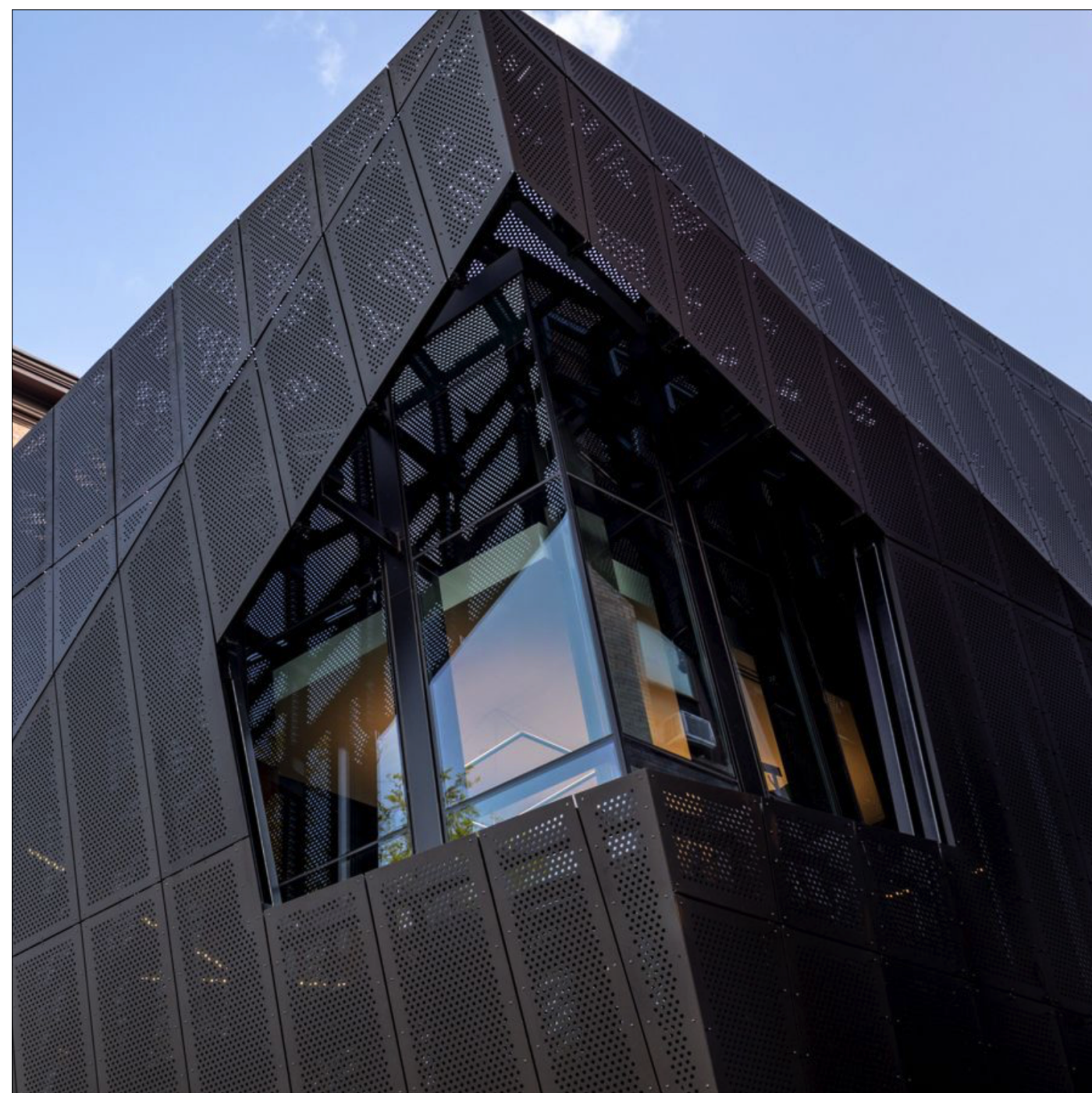
HAMILTON AVENUE STREETSCAPE, FACING SOUTH-EAST



STAINLESS STEEL CABLE SYSTEM TO SUPPORT CLIMBING VINES



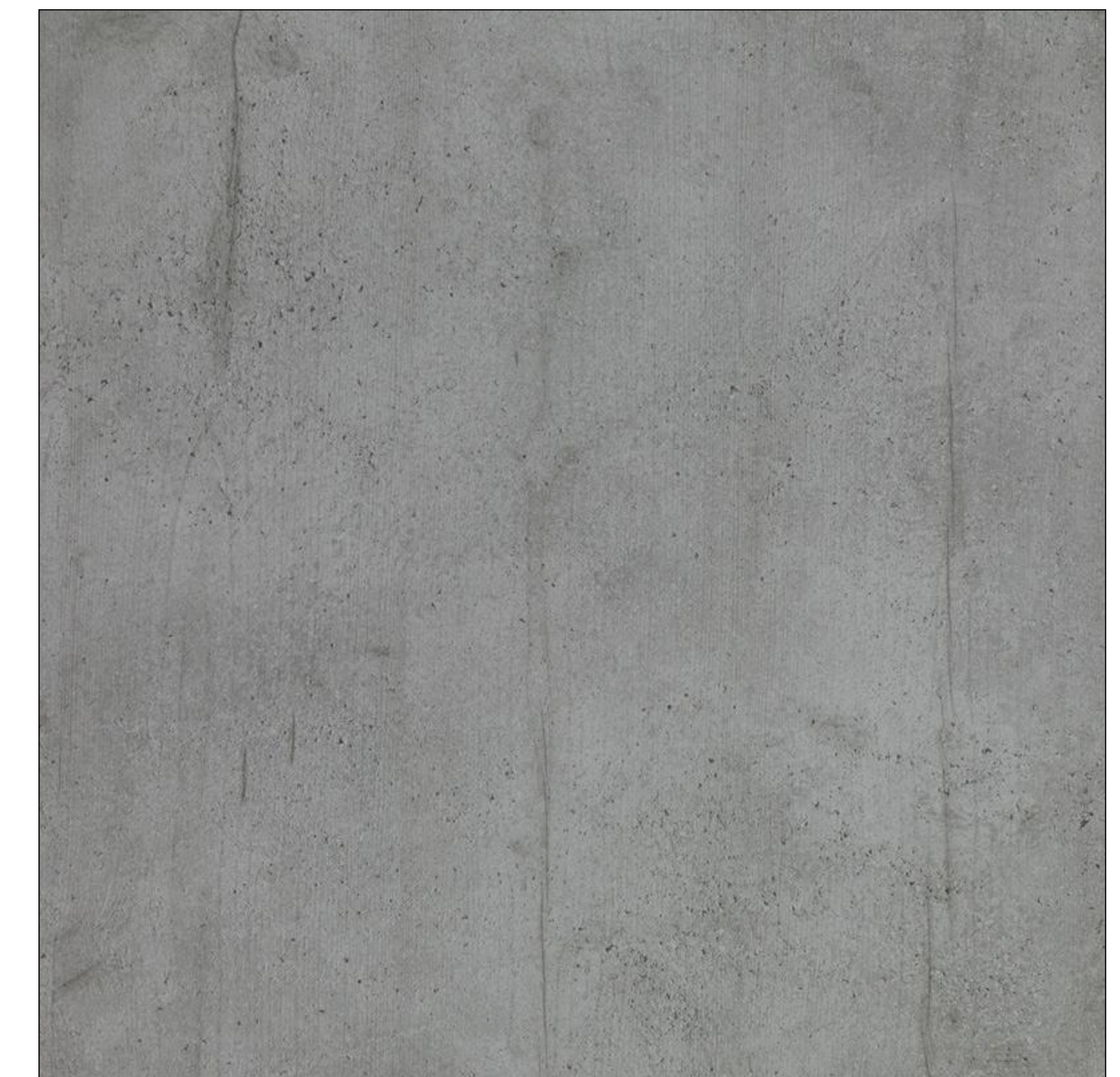
METAL VERTICAL FIN SUNSHADES



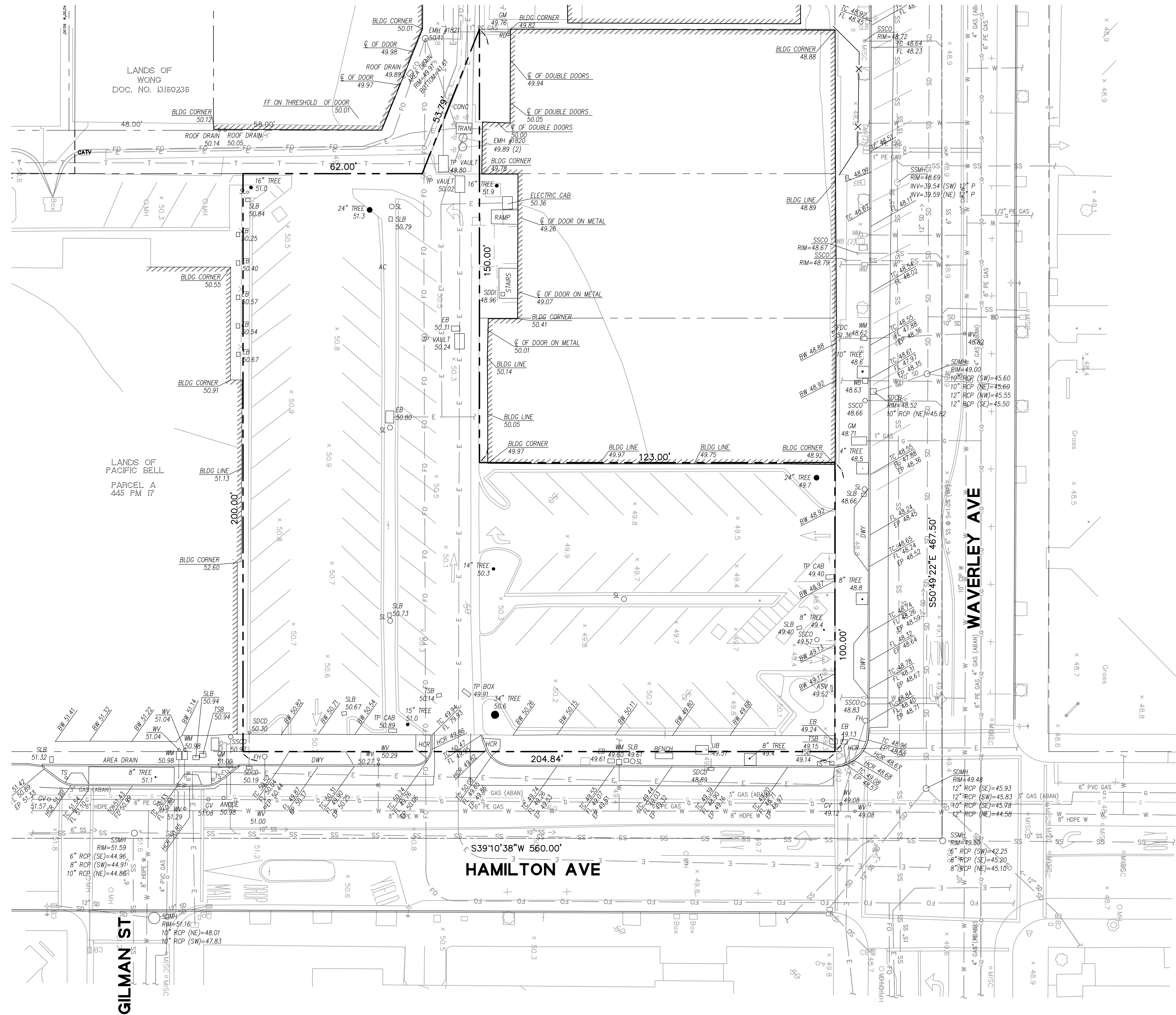
PERFORATED METAL SCREENS



BOARD FORM CONCRETE, NATURAL COLOR



CAST-IN-PLACE CONCRETE, SMOOTH SURFACE, NATURAL COLOR



### LEGEND

PROPERTY LINE	---
ADJACENT LOT LINE	- - -
GAS MAIN	— G —
ABANDONED GAS LINE	— G <sup>ABN</sup> —
WATER MAIN	— W —
ELECTRICAL LINE	— E —
SANITARY SEWER LINE	— SS —
STORM DRAIN LINE	— SD —
FIBER OPTIC LINE	— FO —
STORM DRAIN CATCH DRAIN	SDCB □
STORM DRAIN MANHOLE	SDMH ○
SANITARY SEWER MANHOLE	SSMH ○
SANITARY SEWER CLEAN OUT	SSCO ○
WATER VALVE	WV ○
WATER METER	WM □
FIRE HYDRANT	FH ⊕
GAS VALVE	GV ○
TRAFFIC SIGNAL	TS ○
ELECTRICAL BOX	EB □
STREET LIGHT	SL ○

### BENCHMARK

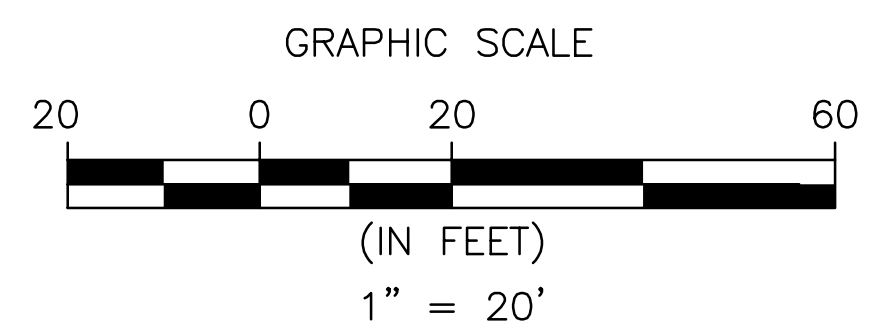
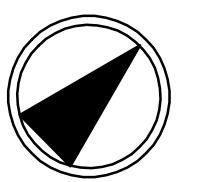
BM#2197  
 ELEVATION = 51.27 FEET (NGVD 29)  
 CHISELED SQUARE SET ON TOP OF CURB, LOCATED ON NORTHWEST CORNER AT  
 NORTHEAST RETURN BRYANT STREET & UNIVERSITY AVENUE, CITY OF PALO ALTO  
 SECONDARY VERTICAL CONTROL DATUM (RE-ADJUSTMENT OF 1967)

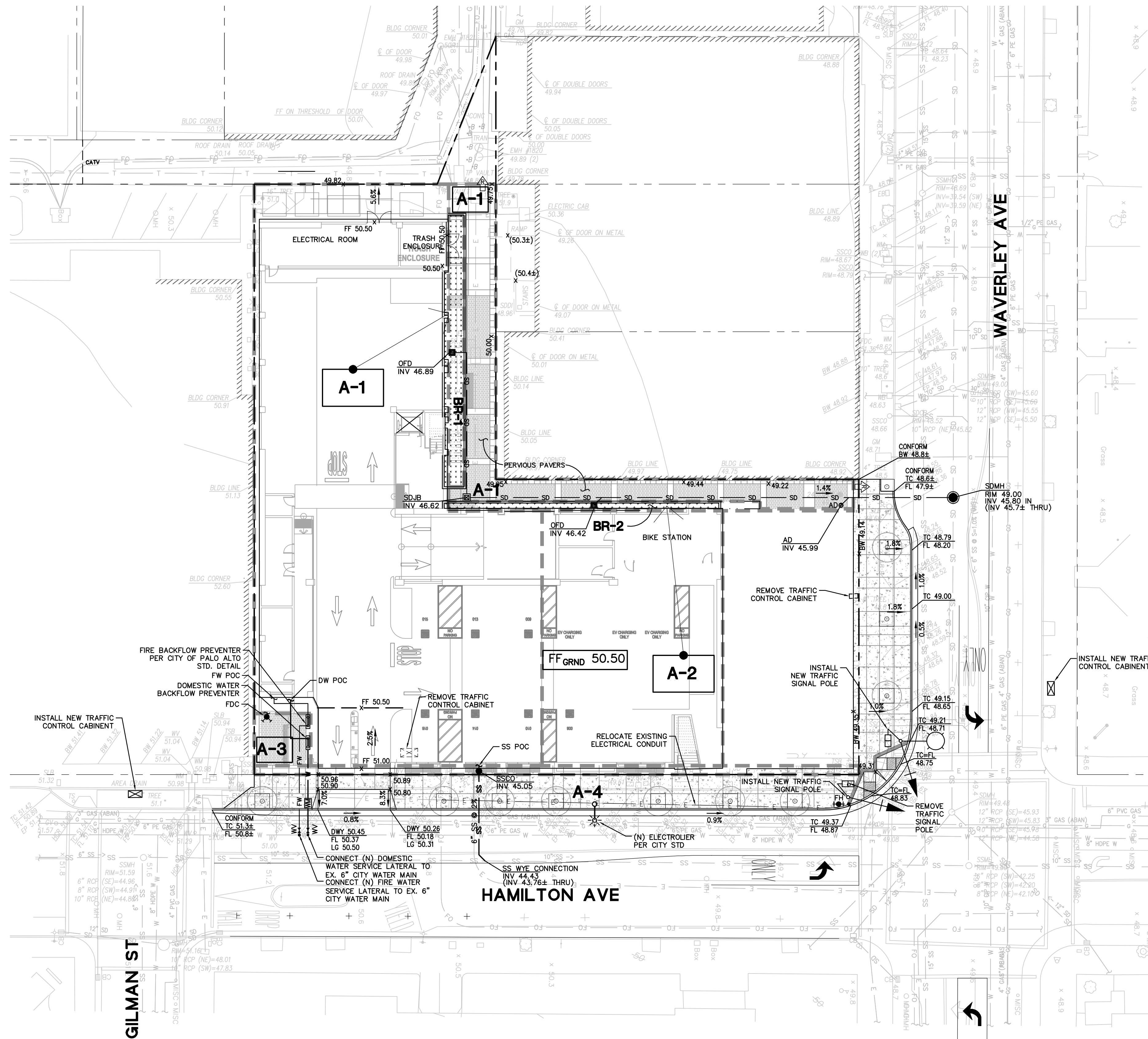
### BASIS OF BEARINGS

THE BEARINGS SHOWN ON THIS SURVEY ARE BASED ON THE CALIFORNIA  
 COORDINATE SYSTEM OF 1983 (CCS83), ZONE 3, EPOCH 2010.0 AND THIS  
 BEING ALSO THE NORTH AMERICAN DATUM OF 1983 (NAD83). DISTANCES SHOWN  
 ON THIS MAP ARE GROUND DISTANCES.

### NOTE

TOPOGRAPHIC SURVEY DATED 03/17/2017, PREPARED BY BKF ENGINEERS.





**NOTES**

- ALL PAVED AREAS ARE TO SLOPE A MINIMUM OF 0.5% AND MAXIMUM OF 8%. ACCESSIBLE STALLS AND LOADING ZONES ARE TO SLOPE AT A MAXIMUM OF 2% IN ALL DIRECTIONS. ACCESSIBLE PATHWAYS ARE TO SLOPE AT A MAXIMUM OF 5% IN THE DIRECTION OF TRAVEL AND THE SLOPE CROSSWAYS TO THE DIRECTION OF TRAVEL SHALL BE AT A MAXIMUM OF 2%. ANY AREAS ON THE SITE NOT CONFORMING TO THESE BASIC RULES DUE TO EXISTING CONDITIONS OR DISCREPANCIES IN THE DOCUMENTS ARE TO BE REPORTED TO THE ENGINEER/ARCHITECT PRIOR TO PROCEEDING WITH PLACEMENT OF BASE ROCK, FORM WORK AND/OR FLATWORK.
- CONTRACTOR SHALL DETERMINE EARTHWORK QUANTITIES BASED ON THE TOPOGRAPHIC SURVEY/EXISTING CONDITIONS, THE GEOTECHNICAL INVESTIGATION AND THE PROPOSED SURFACE THICKNESS AND BASE THE BID ACCORDINGLY. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM IF A SEPARATE DEMOLITION CONTRACT HAS BEEN ISSUED TO TAKE THE SITE FROM THE WAY IT IS AT THE TIME OF THE BID TO THE CONDITIONS DESCRIBED IN THESE DOCUMENTS. ANY DIFFERENCES BETWEEN THE STATE IN WHICH THE SITE IS DELIVERED TO THE CONTRACT AND THESE DOCUMENTS SHOULD BE NOTED TO THE ENGINEER/ARCHITECT.
- ALL FILL SHALL BE COMPACTED PER THE GEOTECHNICAL REPORT AND THE CONTRACTOR SHALL COORDINATE AND COMPLY WITH THE CLIENT'S TESTING AGENCY TO TAKE THE APPROPRIATE STEPS TO VERIFY COMPACTION VALUES.
- IMPORT SOILS SHOULD MEET THE REQUIREMENTS OF THE GEOTECHNICAL REPORT AND SPECIFICATIONS.
- COORDINATE THE PLACEMENT OF ALL SLEEVES FOR LANDSCAPE IRRIGATION (WATER AND CONTROL WIRING) AND SITE LIGHTING PRIOR TO PLACEMENT OF ANY ASPHALT, BASE ROCK OR FLATWORK. SEE SITE LANDSCAPING AND ELECTRICAL DRAWINGS.
- DO NOT ADJUST GRADES ON THIS PLAN WITHOUT PRIOR WRITTEN APPROVAL OF THE ENGINEER/ARCHITECT.
- SITE STRIPPINGS THAT CONTAIN ONLY ORGANIC MATERIAL (NO DEBRIS TRASH, BROKEN CONCRETE OR ROCKS GREATER THAN 1" IN DIAMETER) MAY BE USED IN LANDSCAPE AREAS, EXCEPT FOR AREAS IDENTIFIED AS IMPORT TOP SOIL BY THE LANDSCAPE DRAWINGS. EXCESS STRIPPINGS SHALL BE REMOVED FROM THE SITE.
- ROUGH GRADING TO BE WITHIN 0.1' AND FINISH GRADES ARE TO BE WITHIN 0.05'. HOWEVER, CONTRACTOR SHALL NOT CONSTRUCT ANY IMPROVEMENTS THAT WILL CAUSE WATER TO POND OR NOT MEET REQUIREMENTS IN GRADING NOTE #1.
- CONTRACTOR SHALL EXERCISE EXTREME CARE TO CONFORM TO THE LINES, GRADES, SECTIONS AND DIMENSIONS AS SET FORTH ON THESE PLANS. ALL GRADED AREAS SHALL CONFORM TO THE VERTICAL ELEVATIONS SHOWN WITH A TOLERANCE OF ONE-TENTH OF A FOOT. WHERE GRADED AREAS DO NOT CONFORM TO THESE TOLERANCES, THE CONTRACTOR SHALL BE REQUIRED TO PERFORM CORRECTIVE GRADING AT NO EXTRA COST TO THE OWNER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM THE GROUND ELEVATIONS AND OVERALL TOPOGRAPHY PRIOR TO THE START OF CONSTRUCTION AS TO THE ACCURACY BETWEEN THE WORK SET FORTH ON THESE PLANS AND THE WORK IN THE FIELD. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE ENGINEER/ARCHITECT IN WRITING PRIOR TO THE START OF CONSTRUCTION WHICH MAY REQUIRE CHANGES IN DESIGN AND/OR AFFECT THE EARTHWORK QUANTITIES.
- TRENCHES SHALL NOT BE LEFT OPEN OVERNIGHT IN EXISTING PUBLIC STREET AREAS. CONTRACTOR SHALL BACKFILL TRENCHES OR PLACE STEEL PLATING WITH ADEQUATE CUTBACK TO PREVENT SHIFTING OF STEEL PLATE AND/OR HOT-MIX ASPHALT REQUIRED TO PROTECT OPEN TRENCHES AT THE END OF THE WORKING DAY.
- SEE SITE ARCHITECTURAL/LANDSCAPE PLANS FOR ALL WALKWAY COLORS, FINISHES, SCORE JOINT DETAILING AND LAYOUT.
- SEE STRUCTURAL DRAWINGS FOR BUILDING SLAB SECTIONS AND PAD PREP.
- EXISTING PAVEMENT SHALL BE TACK COATED PRIOR TO CONSTRUCTION OF NEW PAVEMENT.
- THE FINAL OR SURFACE LAYER OF ASPHALT CONCRETE SHALL NOT BE PLACED UNTIL ALL ON-SITE IMPROVEMENTS HAVE BEEN COMPLETED, INCLUDING ALL GRADING AND ALL UNACCEPTABLE CONCRETE WORK HAS BEEN REMOVED AND REPLACED, UNLESS OTHERWISE APPROVED BY THE CITY ENGINEER AND/OR CLIENT'S CIVIL ENGINEER.
- EXISTING ASPHALT CONCRETE IN PARKING LOT TO BE REMOVED IN ACCORDANCE WITH THE DEMOLITION PLAN. SCRAPE OFF BASE ROCK AND STOCKPILE FOR RE-USE IN NEW PAVEMENT SECTION IF APPROVED BY GEOTECHNICAL ENGINEER.
- ALL PAVING SHALL BE IN CONFORMANCE WITH SECTION 26, "AGGREGATE BASE" AND SECTION 39, "ASPHALT CONCRETE" PER LATEST EDITION OF CALTRANS STANDARD SPECIFICATIONS.

**LEGEND**

- PROPERTY LINE
- ADJACENT LOT LINE
- DOMESTIC WATER LINE
- FIRE WATER LINE
- SANITARY SEWER LINE
- STORM DRAIN LINE
- EXISTING ELEVATION
- PROPOSED ELEVATION
- SLOPE TO DRAIN (SURFACE SLOPE)
- SLOPE TO DRAIN (SOFTSCAPE)
- OVERLAND RELEASE PATH
- BIORETENTION BASIN
- DRAINAGE TRIBUTARY AREAS

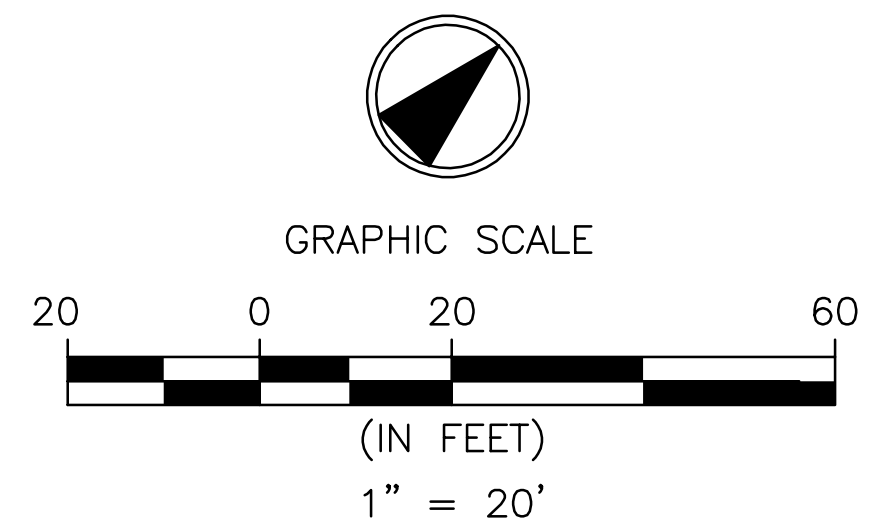
**EARTHWORK QUANTITIES**

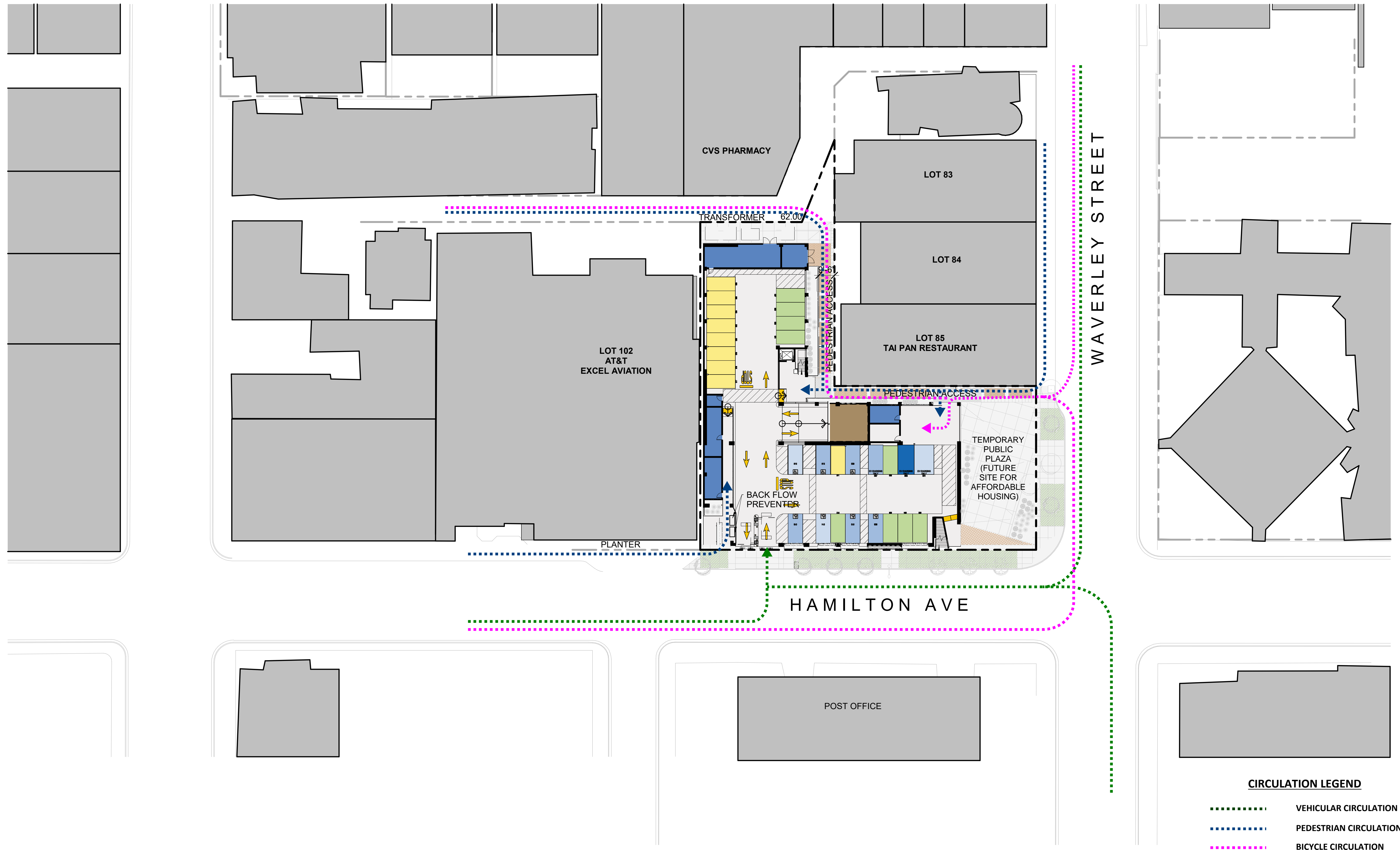
CUT 1,940 CY  
 FILL 0 CY  
 BALANCE 1,940 CY EXPORT

THE EARTHWORK QUANTITIES SHOWN ARE APPROXIMATE AND ARE FURNISHED FOR INFORMATION ONLY. THE ACTUAL AMOUNT OF EARTH MOVED WILL VARY DEPENDING ON THE PROPERTIES OF THE SOILS ENCOUNTERED, THE CONTRACTOR'S METHOD OF OPERATION, ETC.

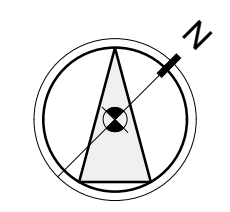
TREATMENT CONTROL MEASURE SUMMARY TABLE								
DRAINAGE AREAS	DRAINAGE AREA SIZE (SQ. FT.)	PERVIOUS SURFACE (SQ. FT.)	TYPE OF PERVIOUS SURFACE	IMPERVIOUS SURFACE (SQ. FT.)	TYPE OF IMPERVIOUS SURFACE	WATER QUANTITY (FLOW AND/OR VOLUME GENERATED)		PROPOSED TREATMENT CONTROLS
						REQUIRED*	PROVIDED	
A-1	15,077	1,224	LANDSCAPE PERVIOUS PAVERS	13,853	CONCRETE, ROOF, PAVERS	555 SF	573 SF	B.R.1 BIORETENTION BASIN
A-2	4,618	0	LANDSCAPE	4,618	CONCRETE, ROOF, PAVERS	139 SF	170 SF	B.R.2 BIORETENTION BASIN*

\*WATER QUANTITY REQUIRED CALCULATED BY THE COMBINATION METHOD.





**SITE PLAN**  
1" = 30'-0"



**CIRCULATION LEGEND**

- ..... VEHICULAR CIRCULATION
- ..... PEDESTRIAN CIRCULATION
- ..... BICYCLE CIRCULATION

16'-0"    0'    32'-0"    64'-0"

SCALE: 1/16" = 1'-0"



**LEVEL 01 PARKING PLAN**  
1/16" = 1'-0"

**PROJECT INFORMATION**

ZONING DESIGNATION: PF  
 MAXIMUM SITE COVERAGE: NO REQUIREMENT  
 MAXIMUM FAR: NO REQUIREMENT

LOT AREA: 29,164 SF  
 EXISTING LOT COVERAGE: ZERO, LOT IS UNDEVELOPED  
 PROPOSED LOT COVERAGE (INCLUDES PLAZA): 23,809 SF (81.64%)  
 GROSS BUILDING AREA: 116,450 SF  
 PROPOSED FLOOR AREA RATIO (FAR): 3.99  
 PROPOSED BUILDING HEIGHT: 68'-00" (TO TOP OF PV)  
 PROPOSED BUILDING HEIGHT: 59'-11" (TO TOP OF RAIL)

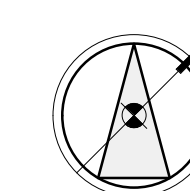
EXISTING ON SITE PARKING: 86 STALLS  
 PROPOSED PARKING: 266 STALLS

**PARKING STALL SUMMATION**

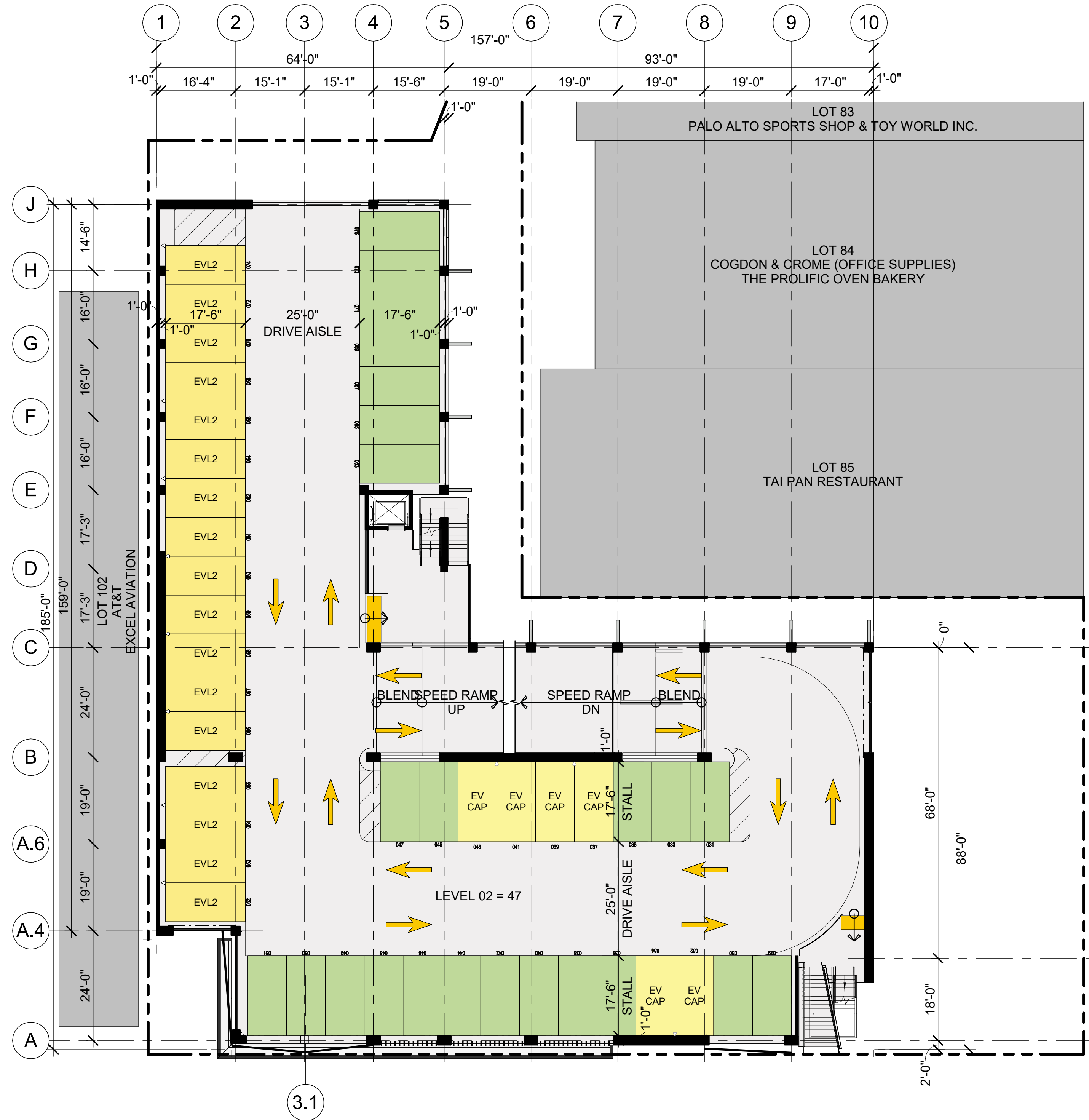
LEVEL	STANDARD	ACCESSIBLE	VAN ACCESSIBLE	EV CAPABLE	EVCS LEVEL 2	ACCESSIBLE EVCS LEVEL 2	VAN ACCESSIBLE EVCS LEVEL 2	AMBULATORY EVCS LEVEL 2	TOTAL	SQ FOOTAGE	SQ. FT./STALL
LEVEL 06	50	0	0	0	0	0	0	0	50	19,137	407
LEVEL 05	26	0	0	21	0	0	0	0	47	19,555	416
LEVEL 04	26	0	0	21	0	0	0	0	47	19,556	416
LEVEL 03	24	0	0	10	13	0	0	0	47	19,555	416
LEVEL 02	24	0	0	6	17	0	0	0	47	19,634	418
LEVEL 01	9	5	2	0	9	1	1	1	28	19,015	613
<b>TOTAL</b>	<b>159</b>	<b>5</b>	<b>2</b>	<b>58</b>	<b>39</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>266</b>	<b>116,450</b>	<b>438</b>

**PARKING STALL LEGEND**

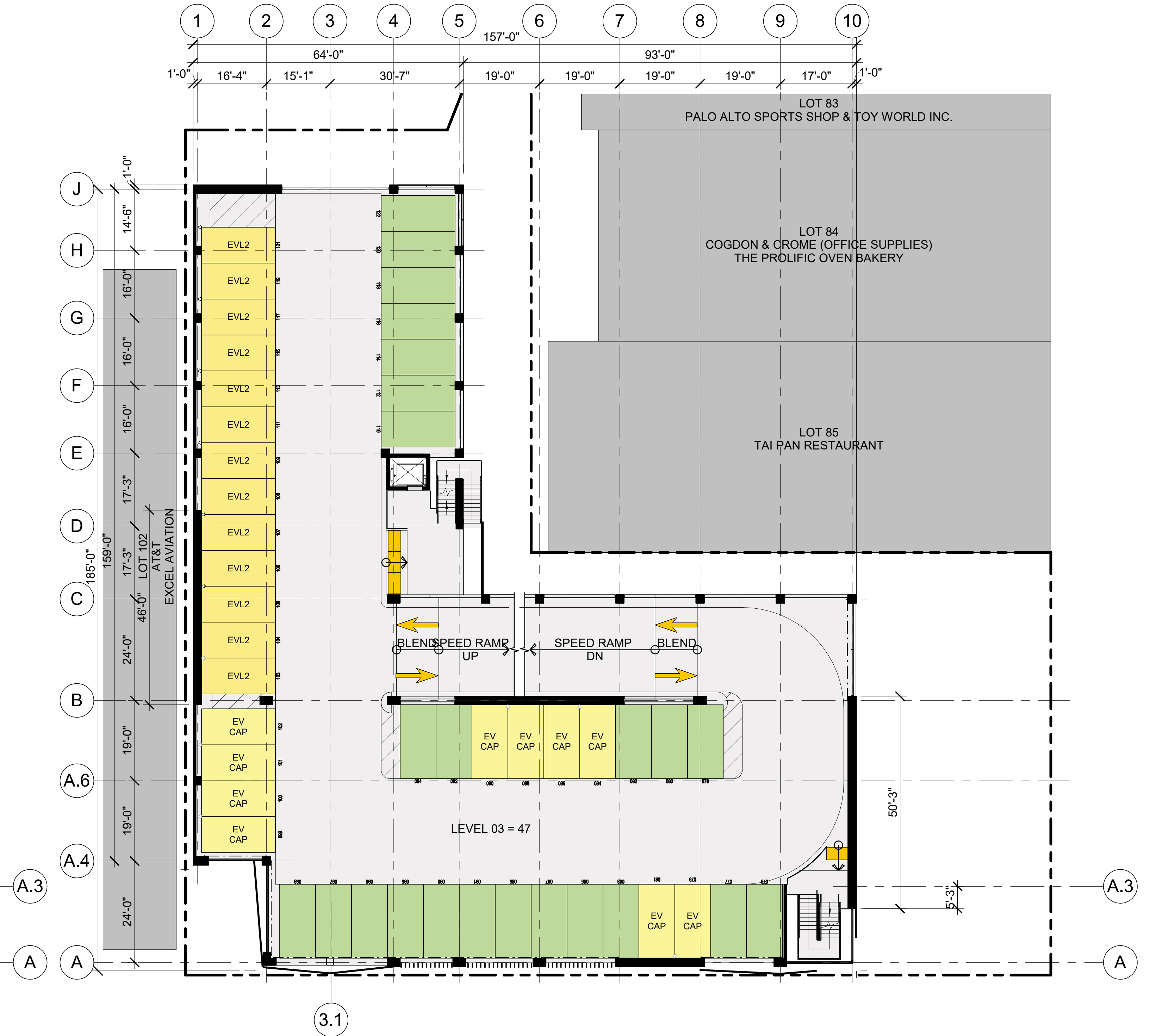
- STANDARD
- STANDARD (9'-0" WIDE)
- ACCESSIBLE
- VAN ACCESSIBLE
- EV CAPABLE - FUTURE INSTALL
- EVCS LEVEL 2 - DAY ONE
- EVSC ACCESSIBLE
- EVSC VAN ACCESSIBLE



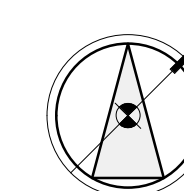
SCALE: 1/16" = 1'-0"



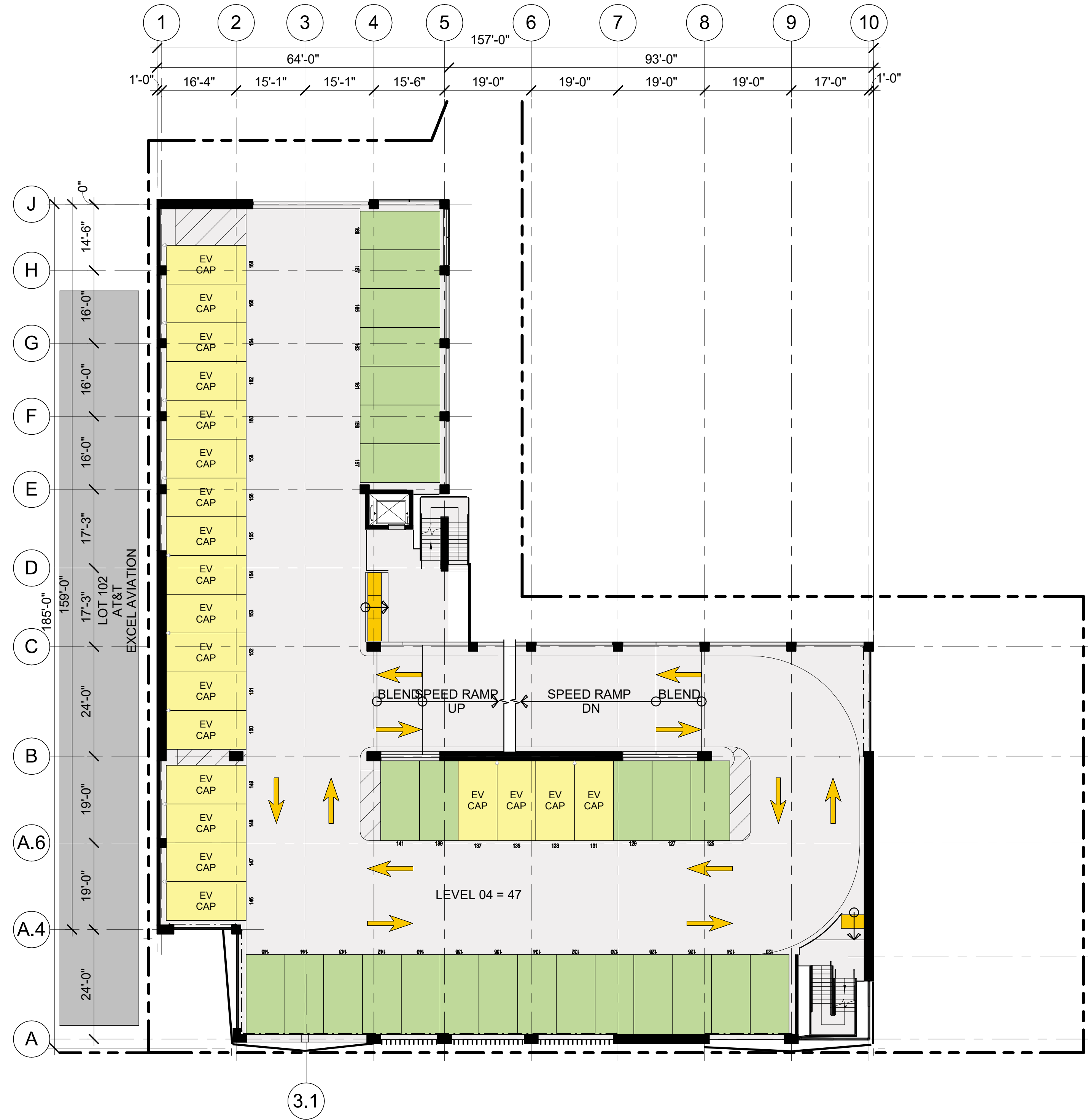
**LEVEL 02 PARKING PLAN**  
1/16" = 1'-0"



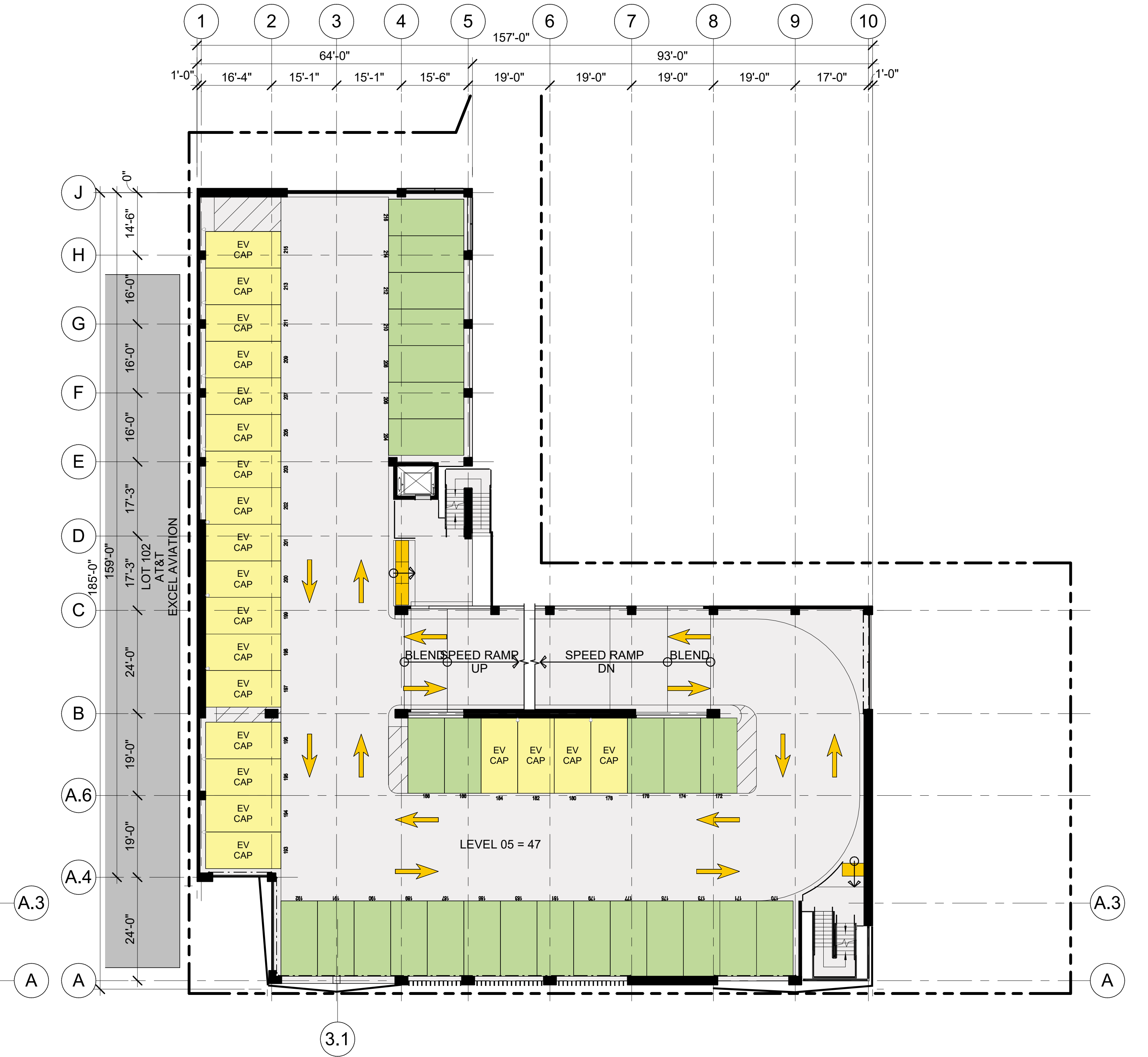
**LEVEL 03 PARKING PLAN**  
1/16" = 1'-0"



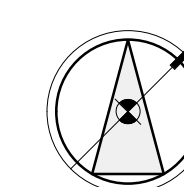
SCALE: 1/16" = 1'-0"



**LEVEL 04 PARKING PLAN**  
1/16" = 1'-0"



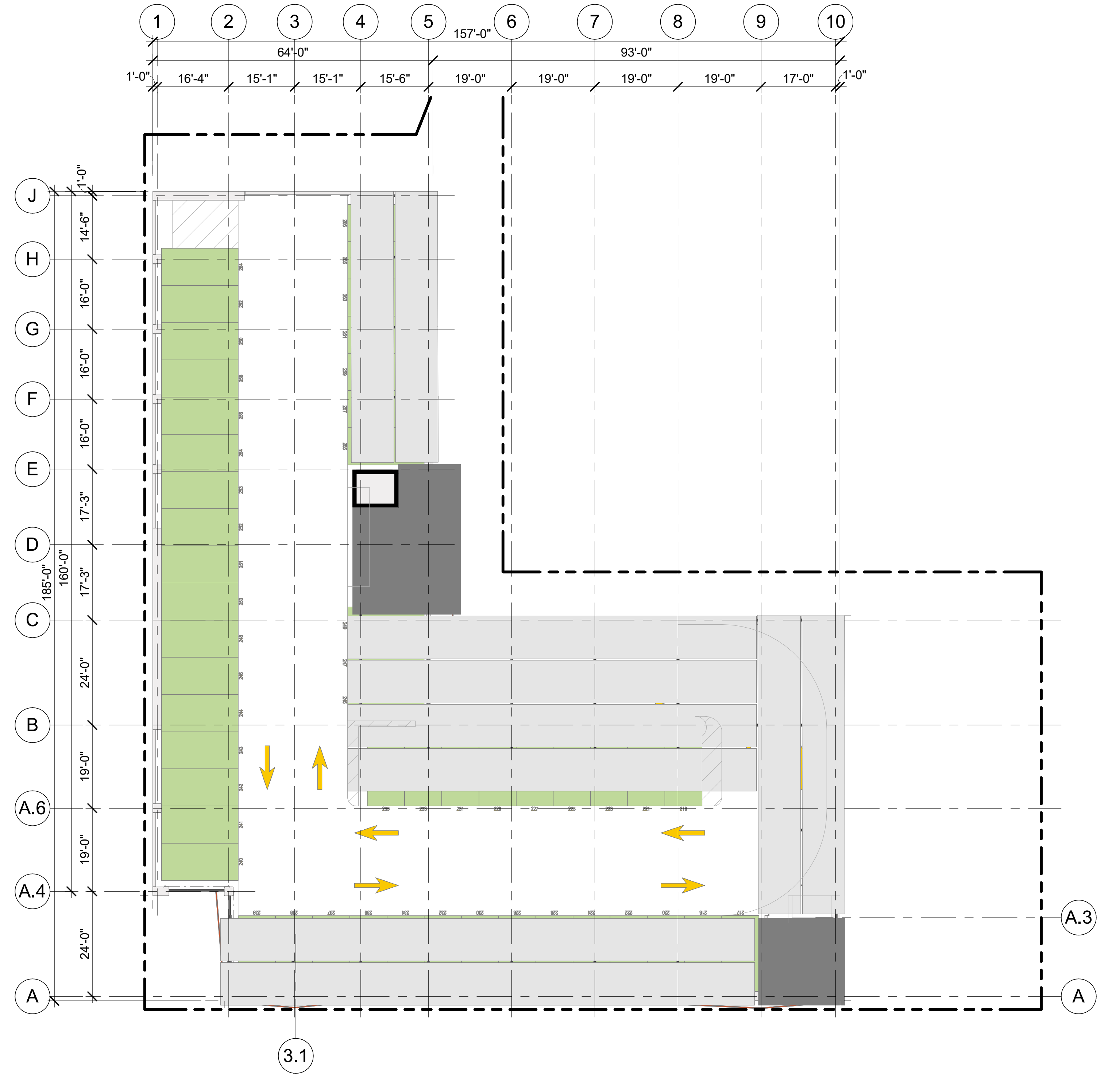
**LEVEL 05 PARKING PLAN**  
1/16" = 1'-0"



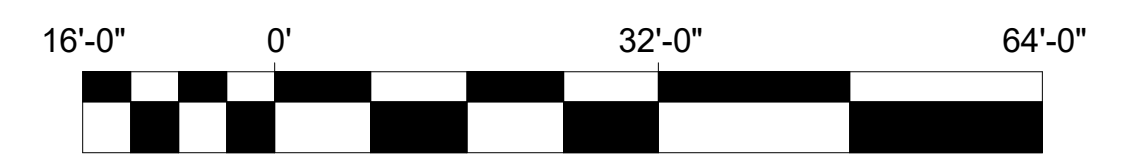
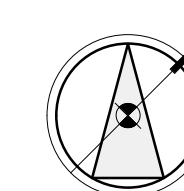
SCALE: 1/16" = 1'-0"



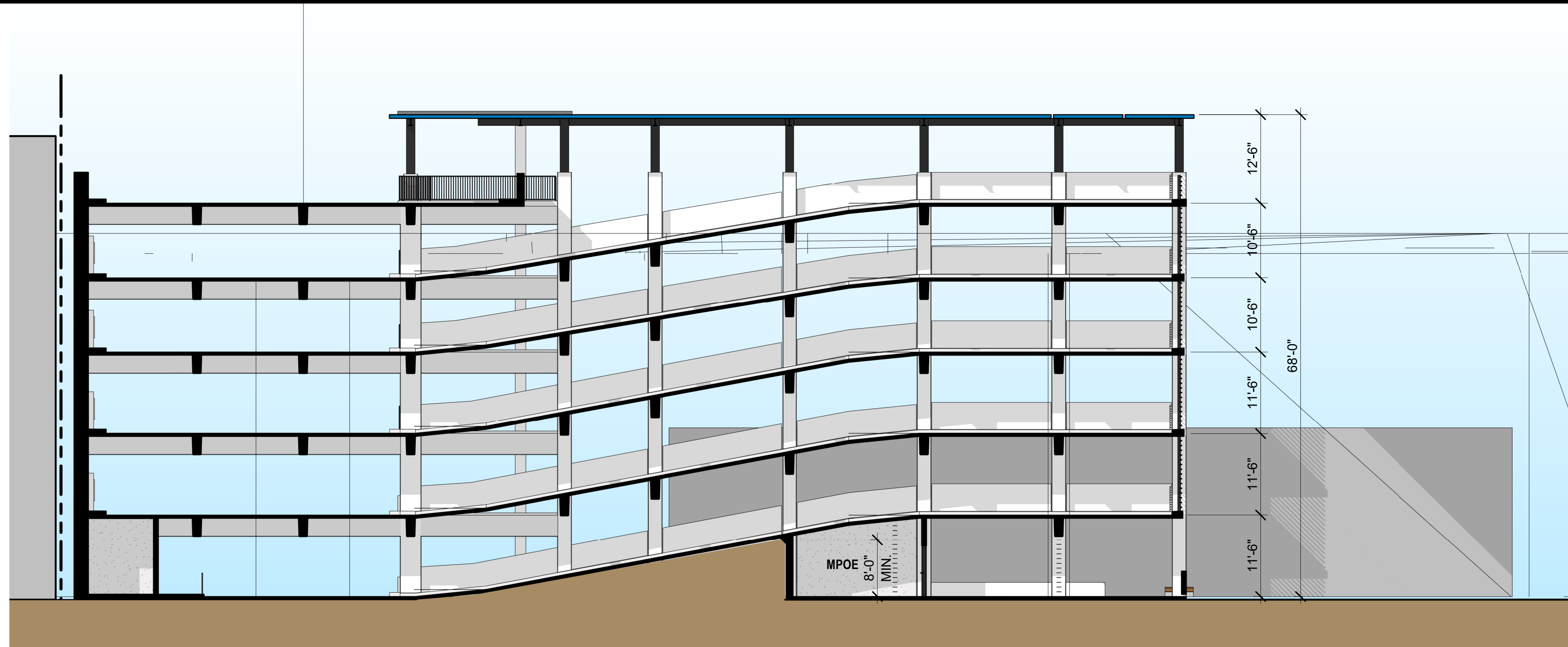
**LEVEL 06 PARKING PLAN**  
1/16" = 1'-0"



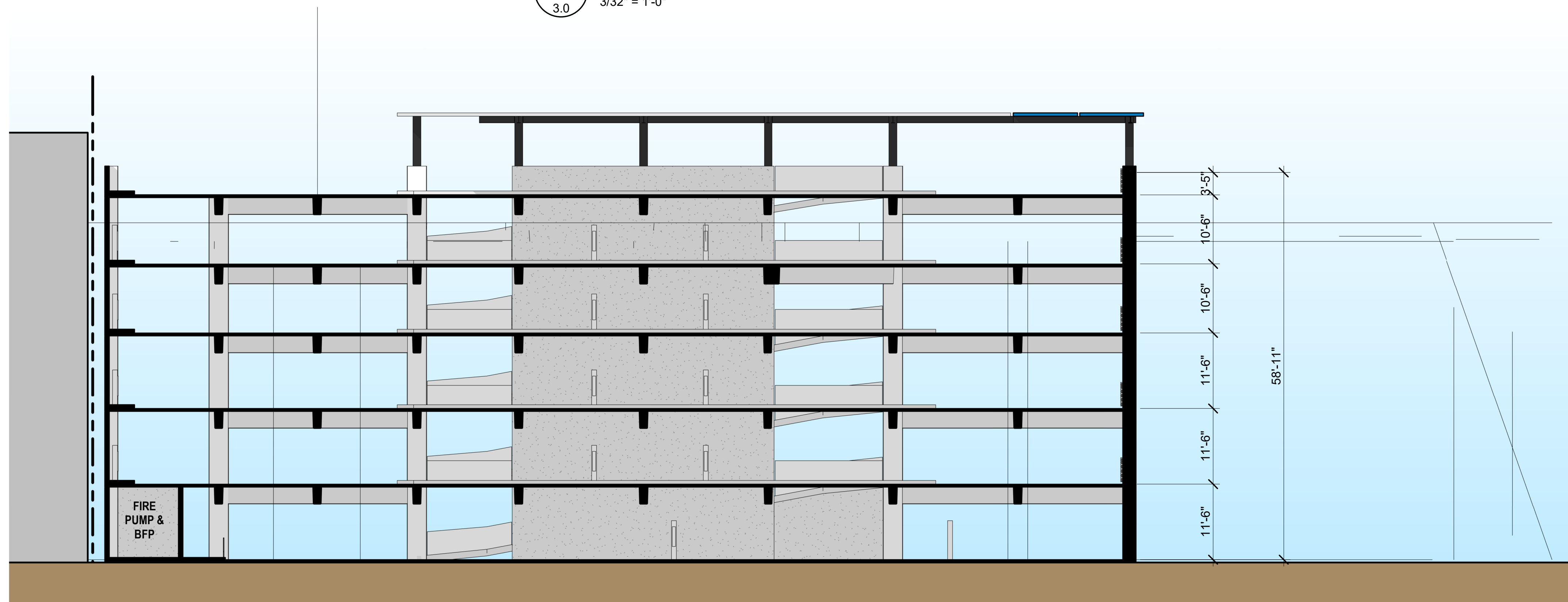
**PV LEVEL**  
1/16" = 1'-0"



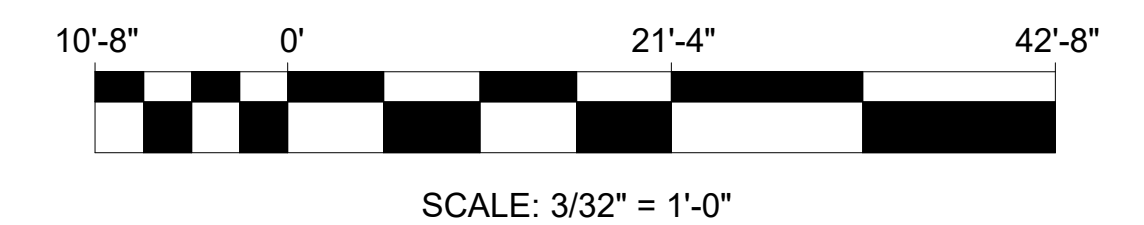
SCALE: 1/16" = 1'-0"



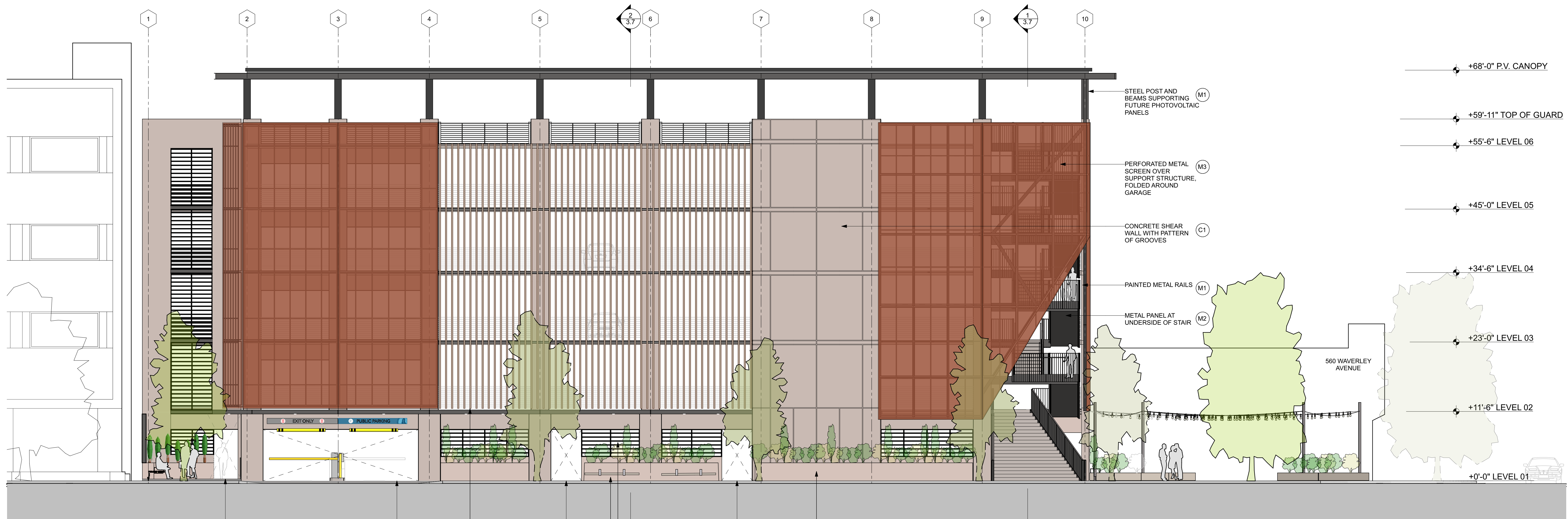
**1 BUILDING SECTION**  
 ARB 3.0 3/32" = 1'-0"



**2 BUILDING SECTION**  
 ARB 3.0 3/32" = 1'-0"



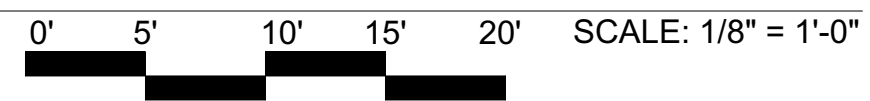




**EXTERIOR FINISH LEGEND**

- (C1) CAST-IN-PLACE CONCRETE, SMOOTH SURFACE  
CLEAR SEALED, UNPAINTED NATURAL COLOR
- (C2) CAST-IN-PLACE CONCRETE, BOARD FORM SURFACE  
CLEAR SEALED, UNPAINTED NATURAL COLOR
- (M1) STRUCTURAL STEEL SHAPES  
POSTS, BEAMS, GUARDRAILS, LOUVERS  
CS GROUP '512 BLACK' COATING, MATT SHEEN
- (M2) ALUMINUM COMPOSITE PANELS  
ALPOLIC 'T.O.B. BLACK', 4MM THICKNESS
- (M3) PERFORATED METAL PANEL  
3/16" ALUMINUM PANEL, +/- 30% OPEN  
CS GROUP '531' 'CORDOVAN BROWN'  
ALUMINUM FIN SUNSHADE  
2" X 12" SHAPE  
COLOR: CS GROUP 'TERRA COTTA'
- (G1) GREENSCREEN CABLE SYSTEM  
STAINLESS STEEL CABLE BETWEEN S. STL. STANDOFFS
- (W1) STAINED WOOD BENCH  
4 X 4 WESTERN RED CEDAR BOARDS  
WITH CLEAR MATTE FINISH

**HAMILTON AVENUE ELEVATION**



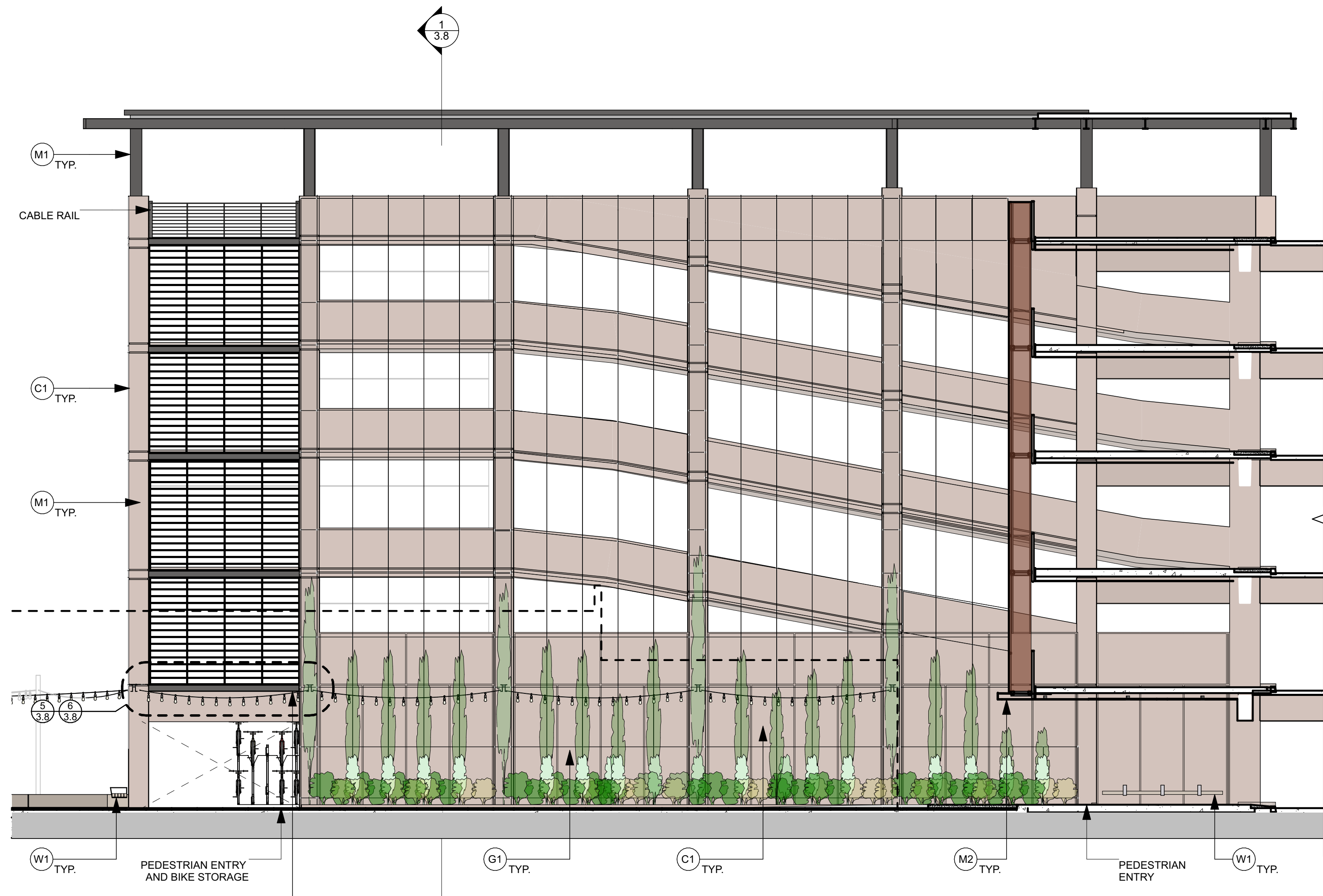


**EXTERIOR FINISH LEGEND**

- (C1) CAST-IN-PLACE CONCRETE, SMOOTH SURFACE  
CLEAR SEALED, UNPAINTED NATURAL COLOR
- (C2) CAST-IN-PLACE CONCRETE, BOARD FORM SURFACE  
CLEAR SEALED, UNPAINTED NATURAL COLOR
- (M1) STRUCTURAL STEEL SHAPES  
POSTS, BEAMS, GUARDRAILS, LOUVERS  
CS GROUP '512 BLACK' COATING, MATT SHEEN
- (M2) ALUMINUM COMPOSITE PANELS  
ALPOLIC 'T.O.B. BLACK', 4MM THICKNESS
- (M3) PERFORATED METAL PANEL  
3/16" ALUMINUM PANEL, +/- 30% OPEN  
CS GROUP '531' CORDOVAN BROWN  
ALUMINUM FIN SUNSHADE  
2" X 12" SHAPE  
COLOR: CS GROUP 'TERRA COTTA'
- (G1) GREENSCREEN CABLE SYSTEM  
STAINLESS STEEL CABLE BETWEEN S. STL. STANDOFFS
- (W1) STAINED WOOD BENCH  
4 X 4 WESTERN RED CEDAR BOARDS  
WITH CLEAR MATTE FINISH

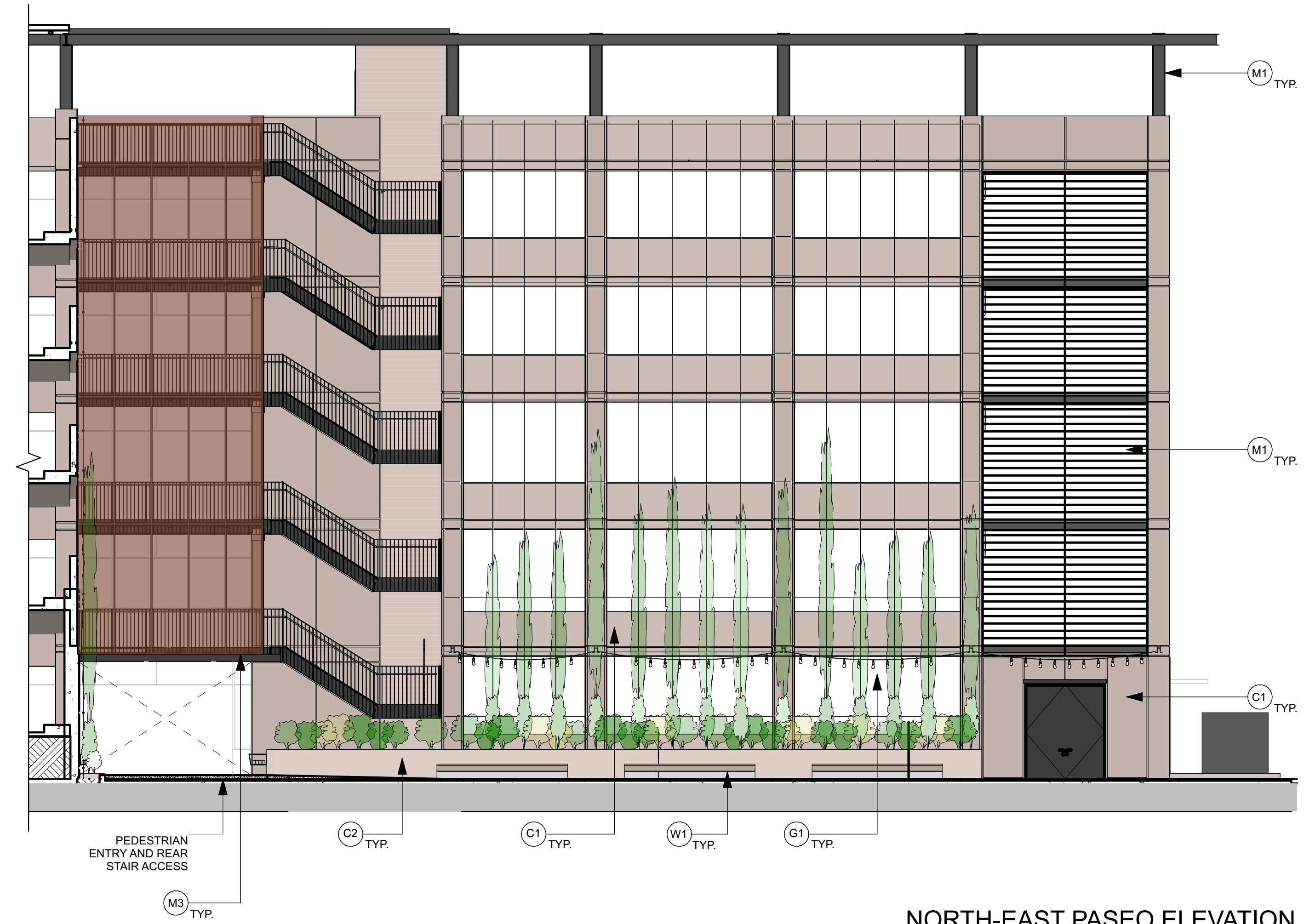
**WAVERLEY STREET ELEVATION**

0' 5' 10' 15' 20' SCALE: 1/8" = 1'-0"



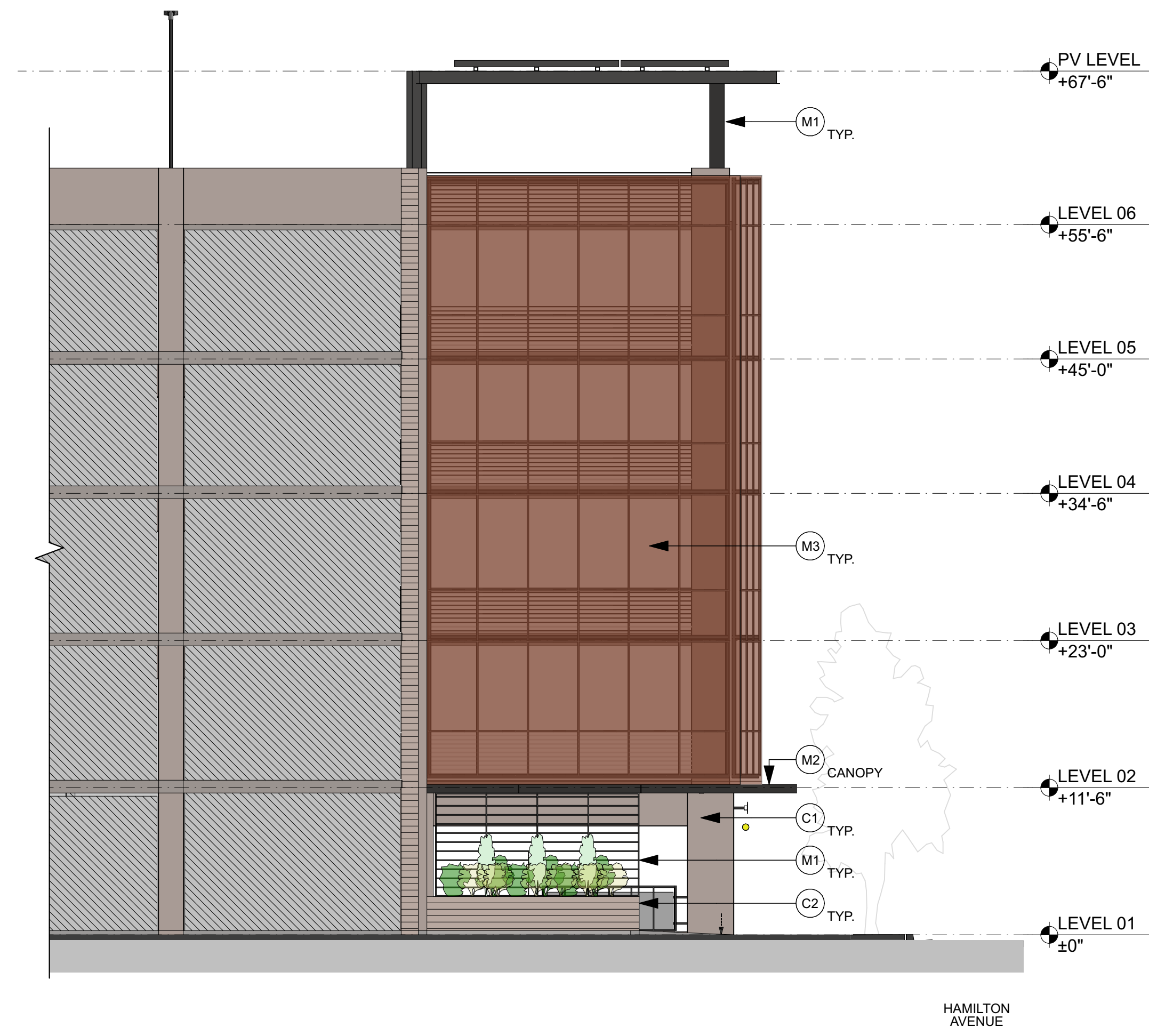
NORTH-WEST PASEO ELEVATION

0' 5' 10' 15' 20' SCALE: 1/8" = 1'-0"

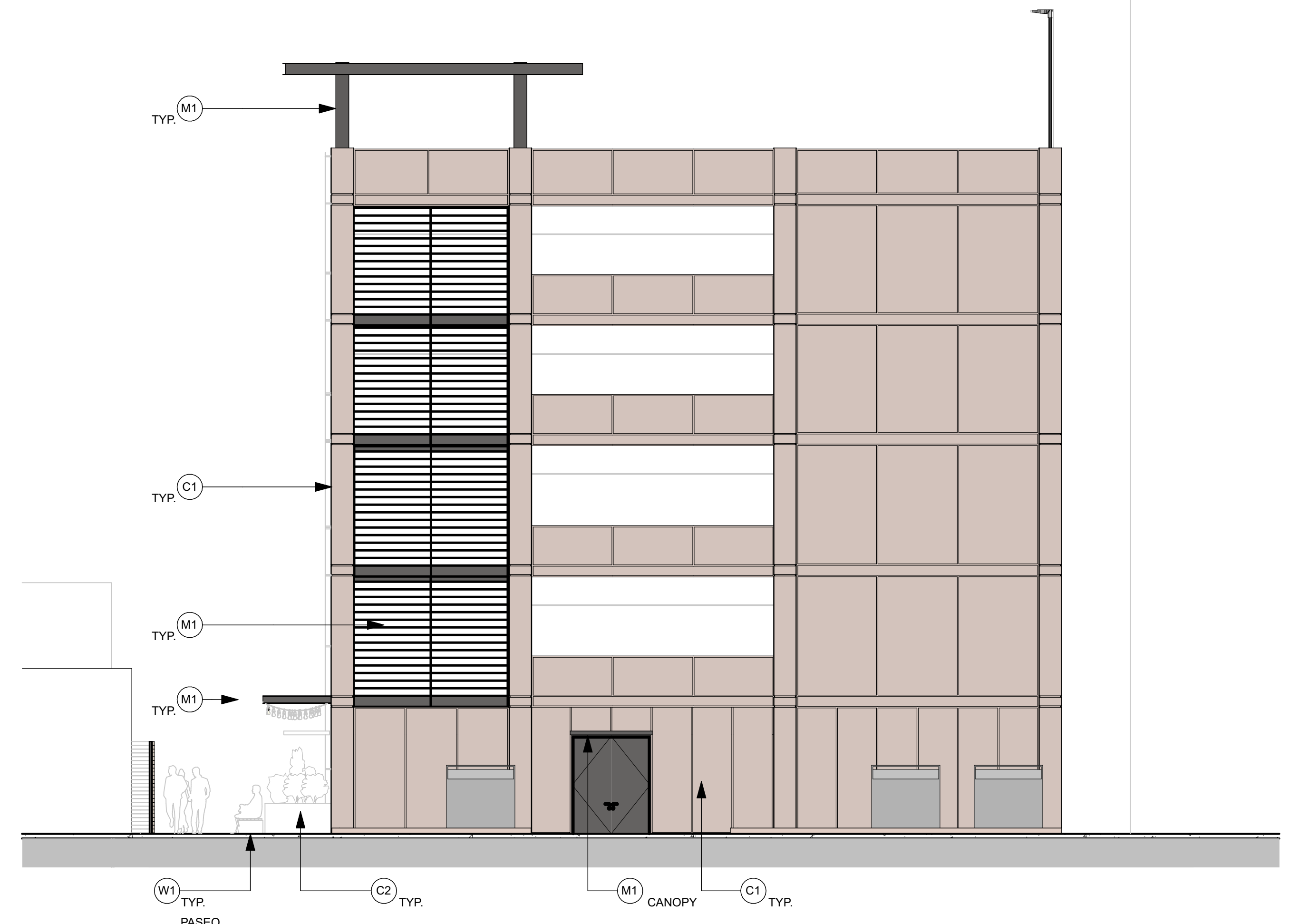
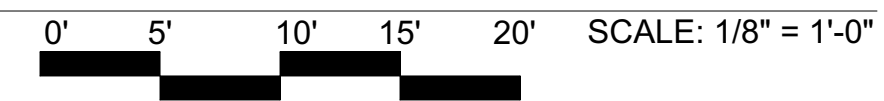


NORTH-EAST PASEO ELEVATION

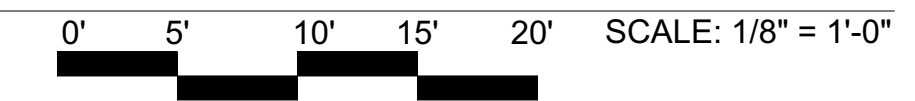
0' 5' 10' 15' 20' SCALE: 1/8" = 1'-0"

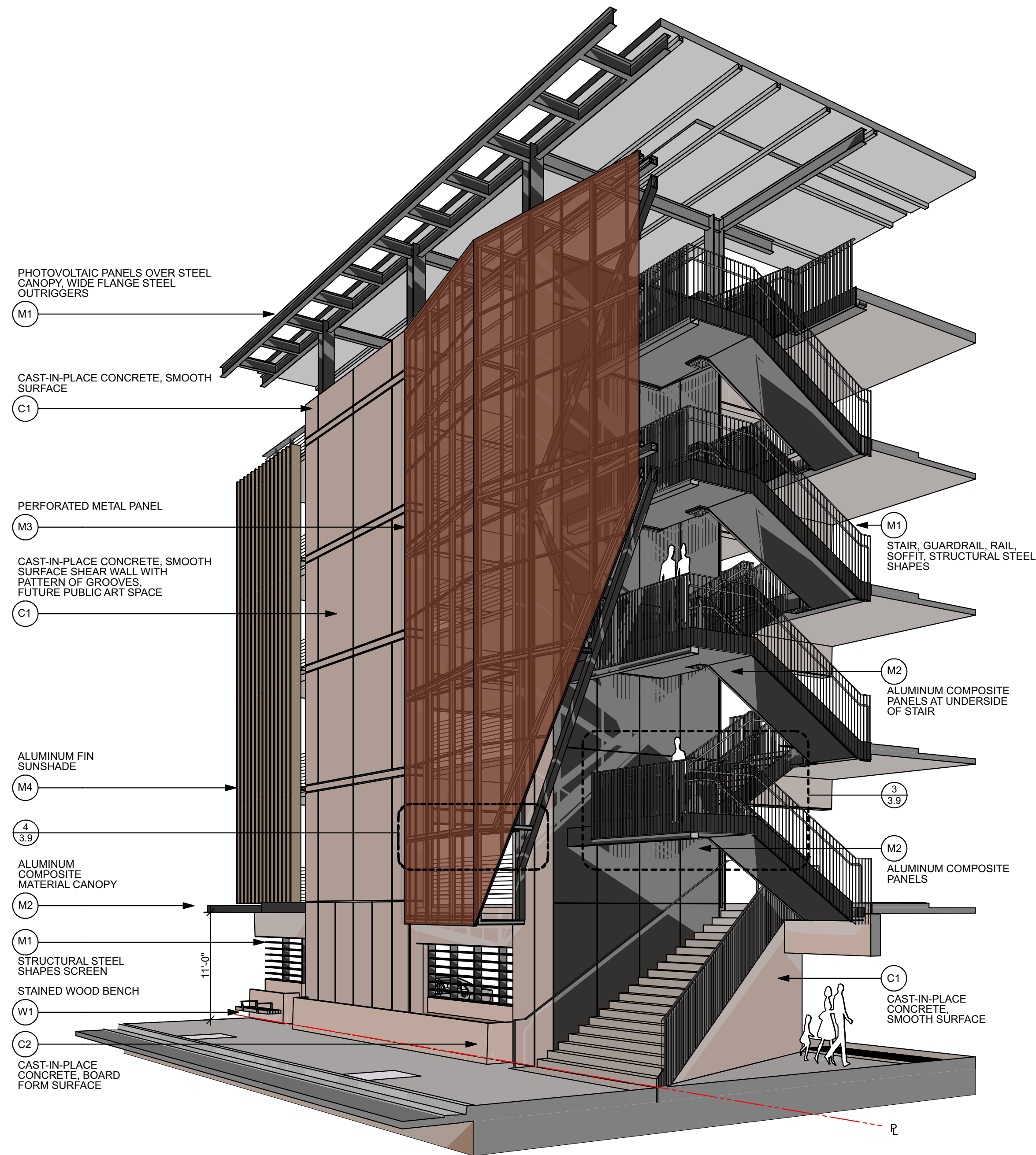


PLAZA ELEVATION

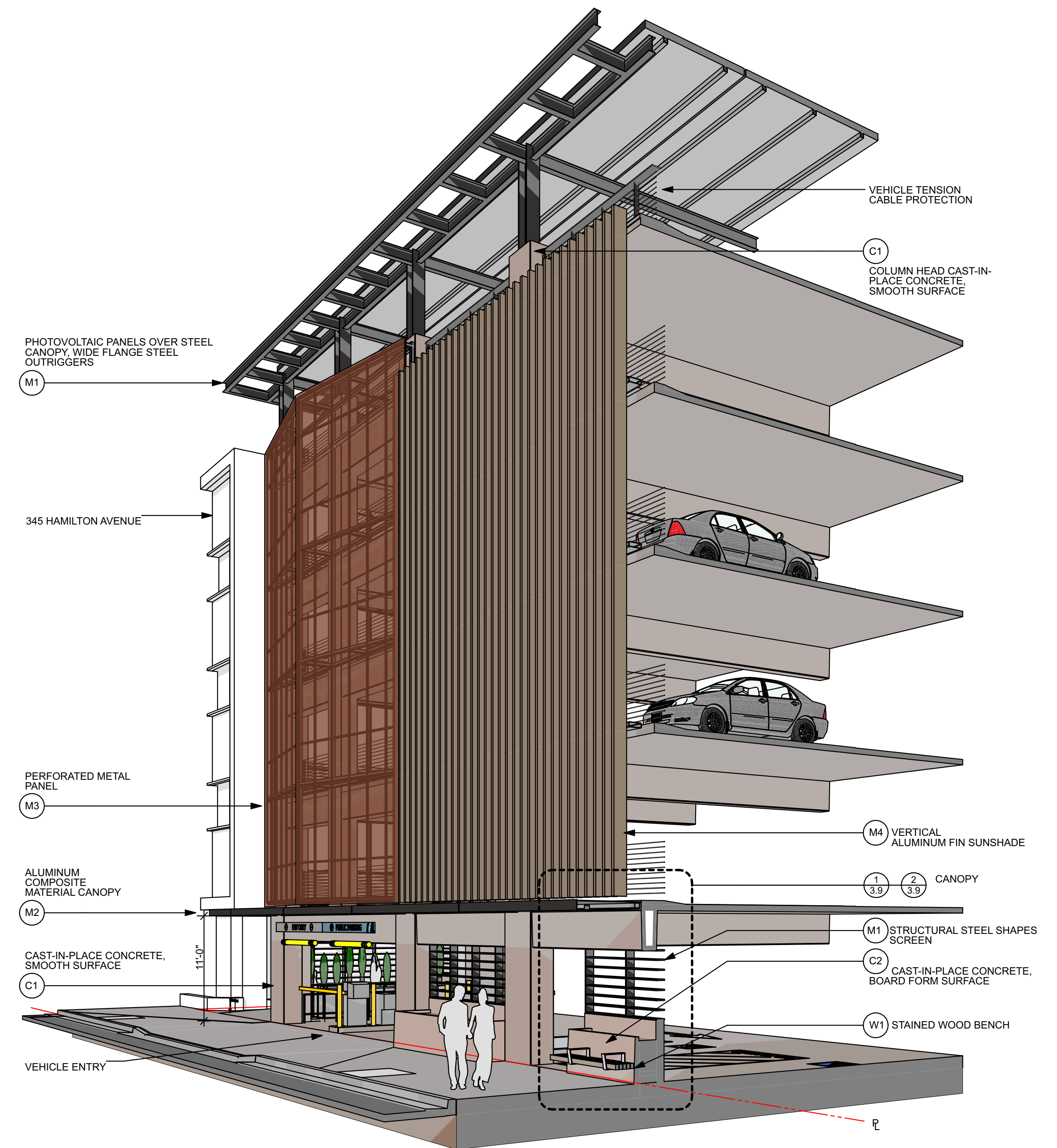


LANE 21 ELEVATION

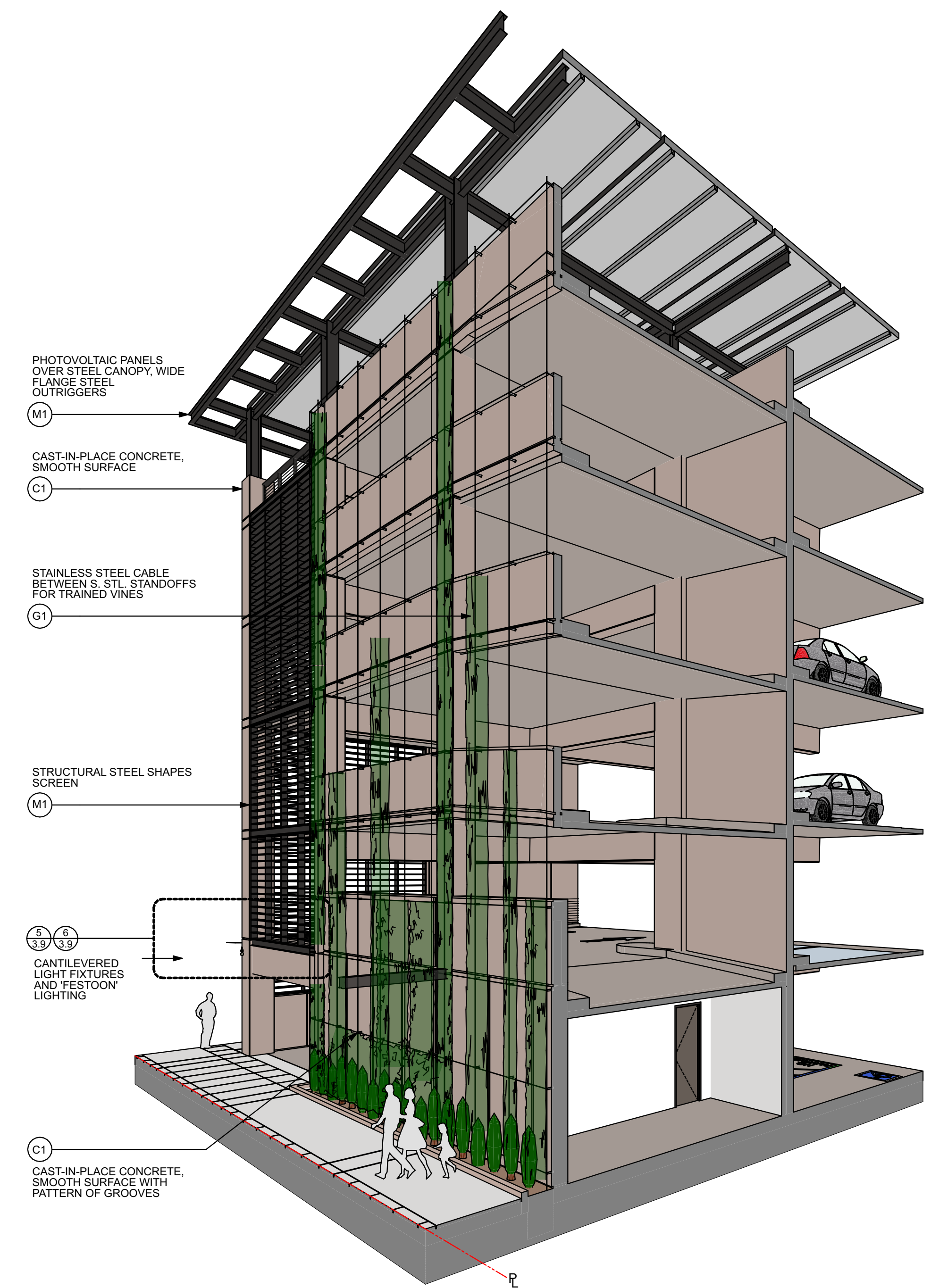




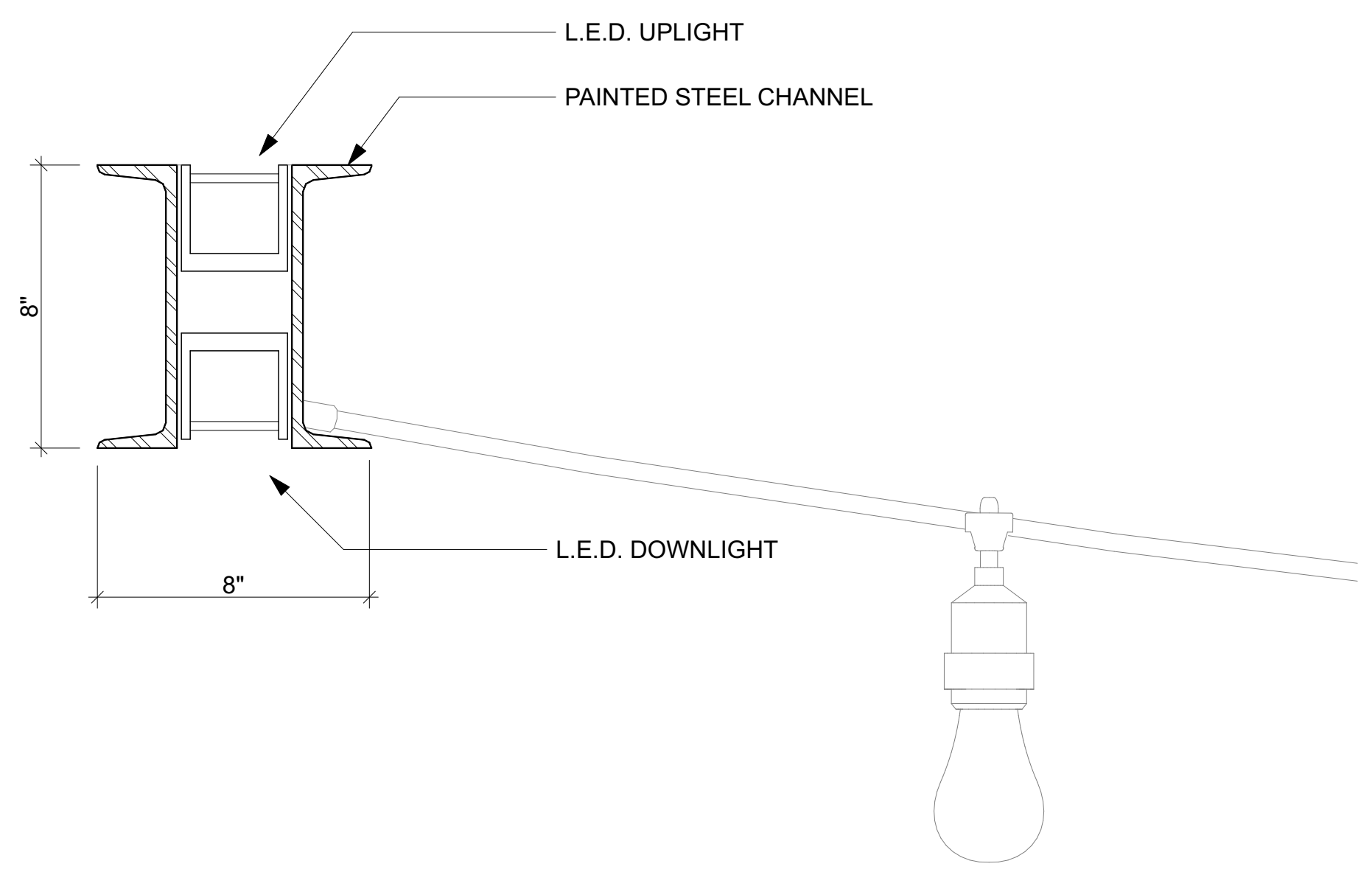
WALL SECTION AT CORNER STAIR  
SCALE: NOT TO SCALE



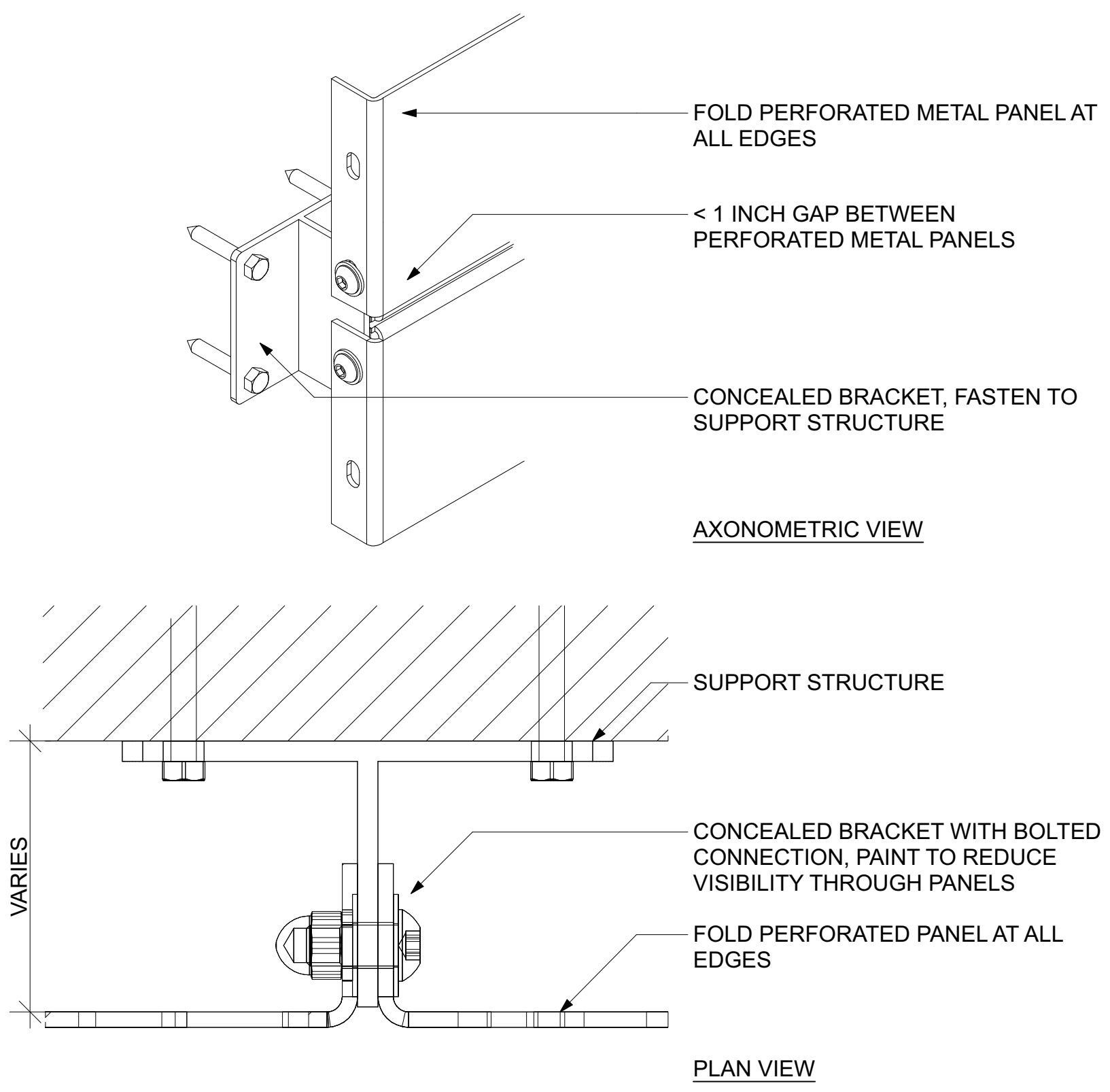
WALL SECTION AT HAMILTON AVENUE  
SCALE: NOT TO SCALE



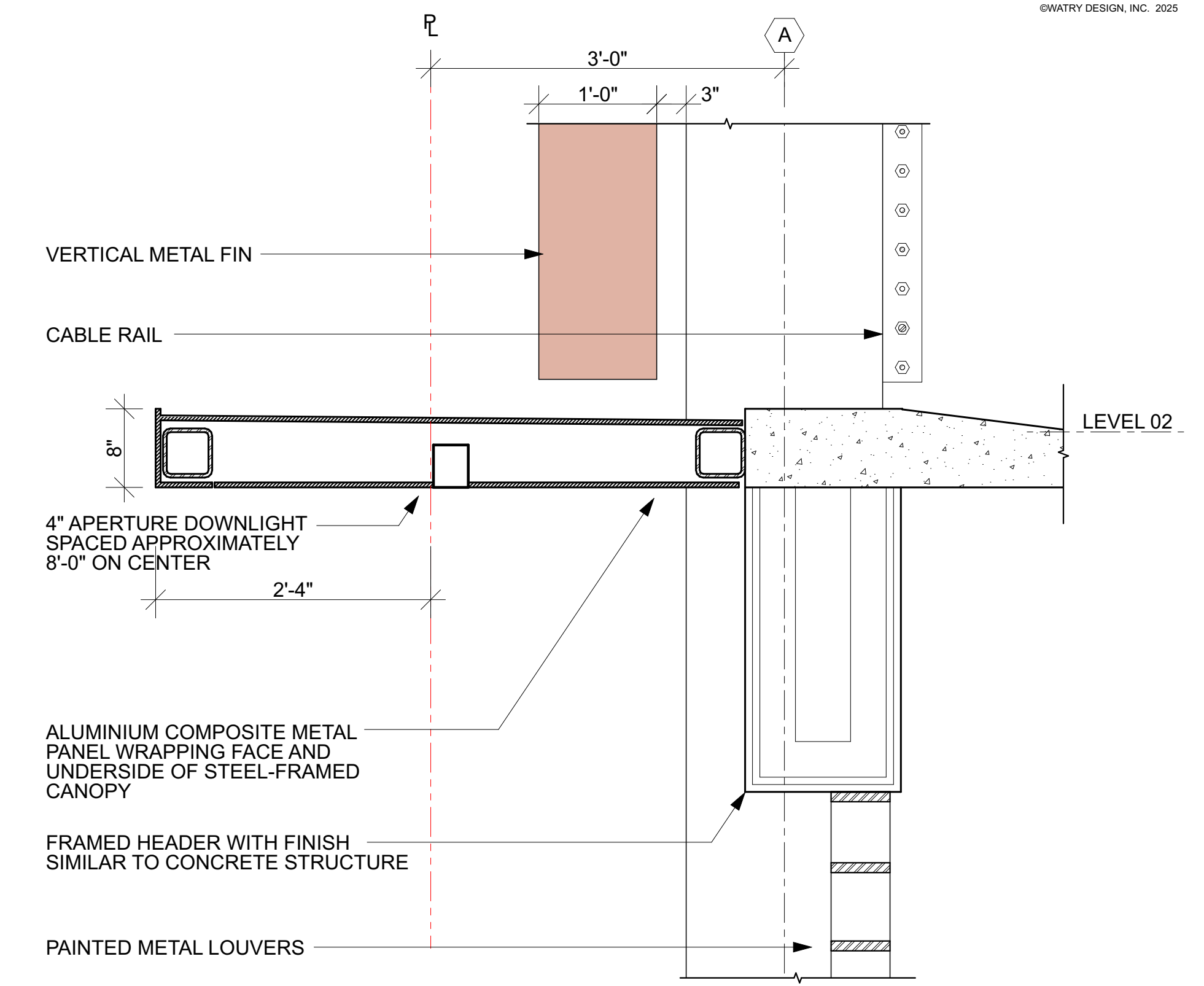
WALL SECTION AT PASEO  
SCALE: NOT TO SCALE



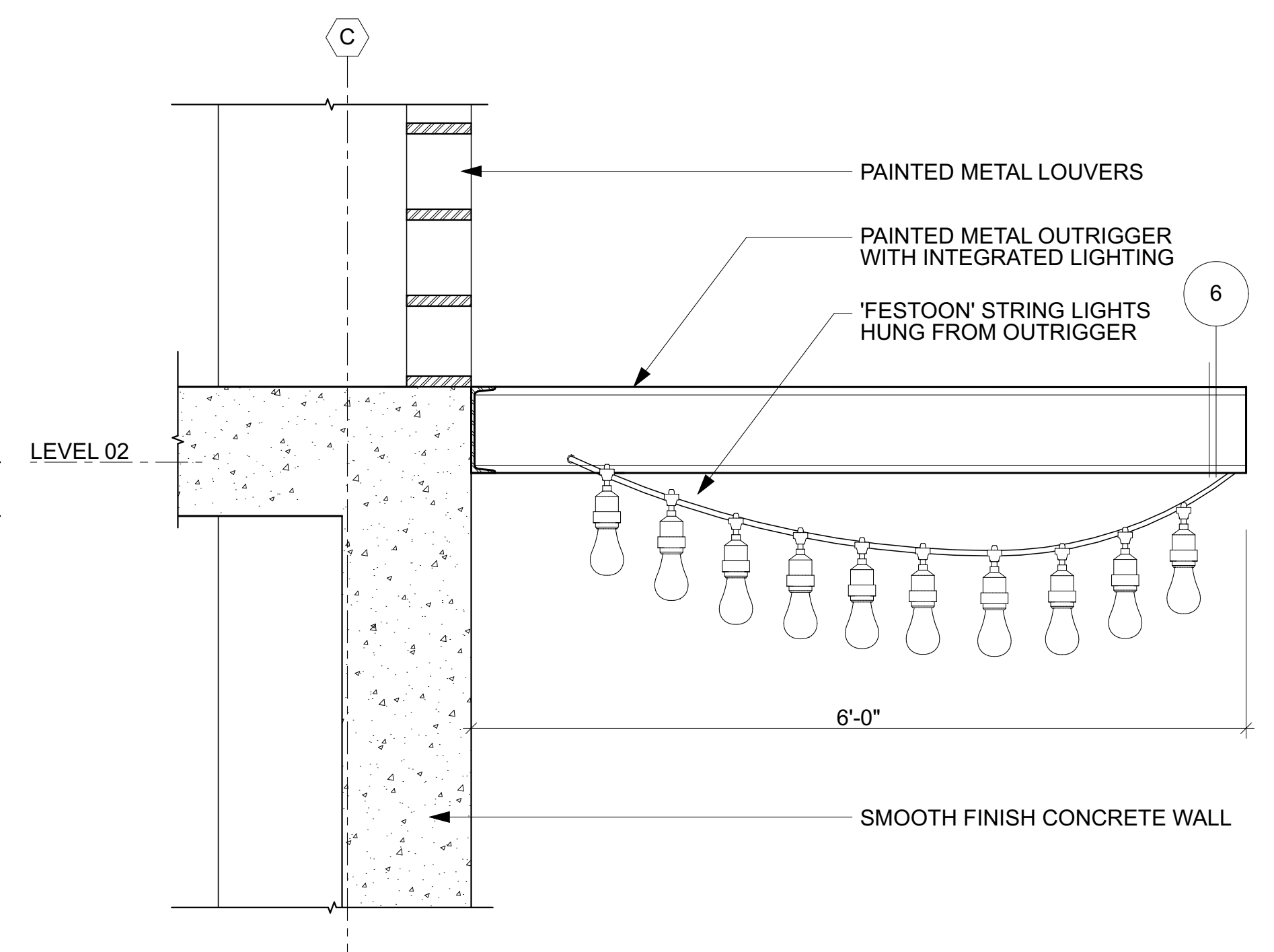
**LIGHT OUTRIGGER AT PASEO 6**  
SCALE: 3" = 1'-0"



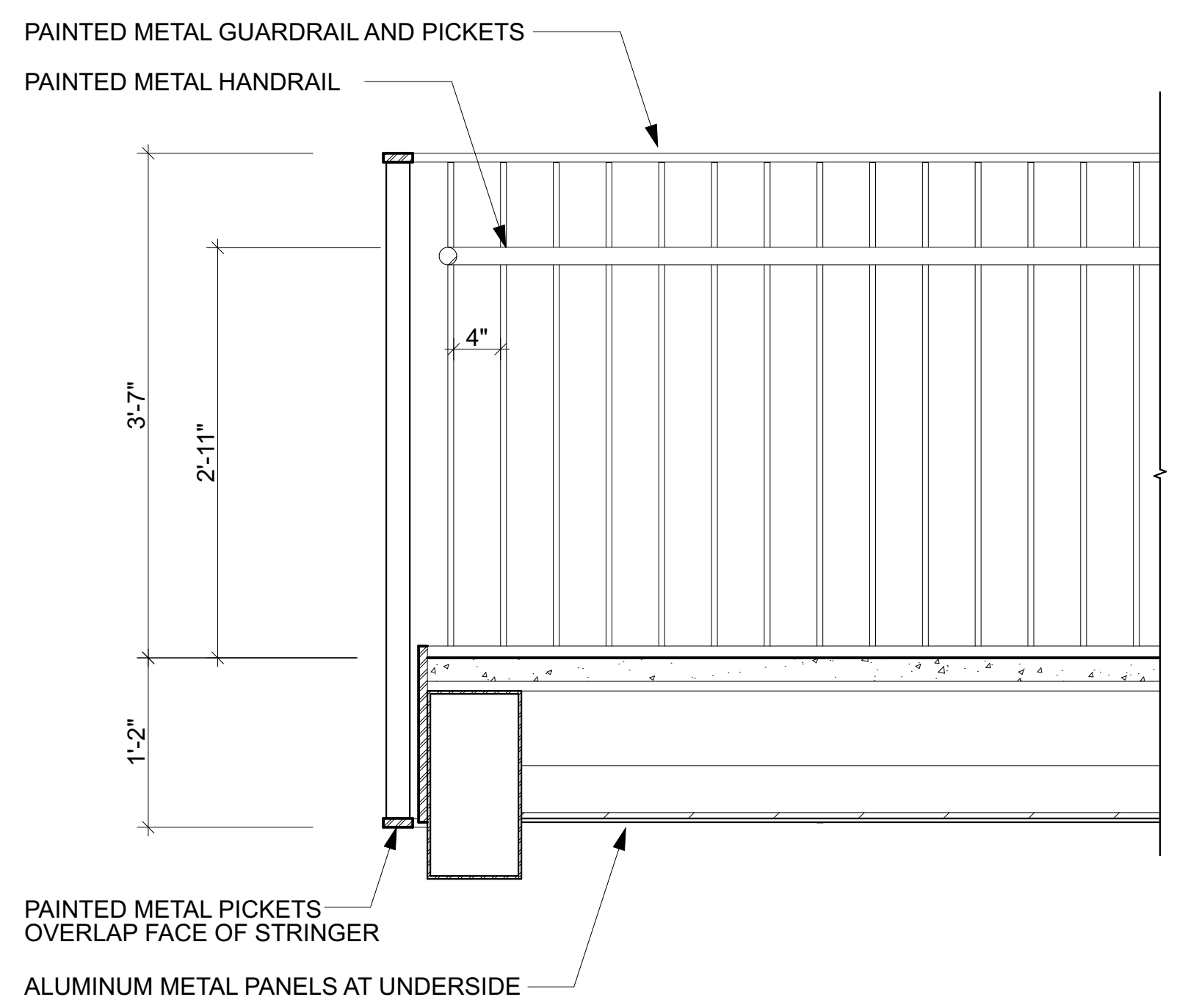
**PERFORATED PANEL ATTACHMENT DETAIL 4**  
SCALE: 1" = 1'-0"



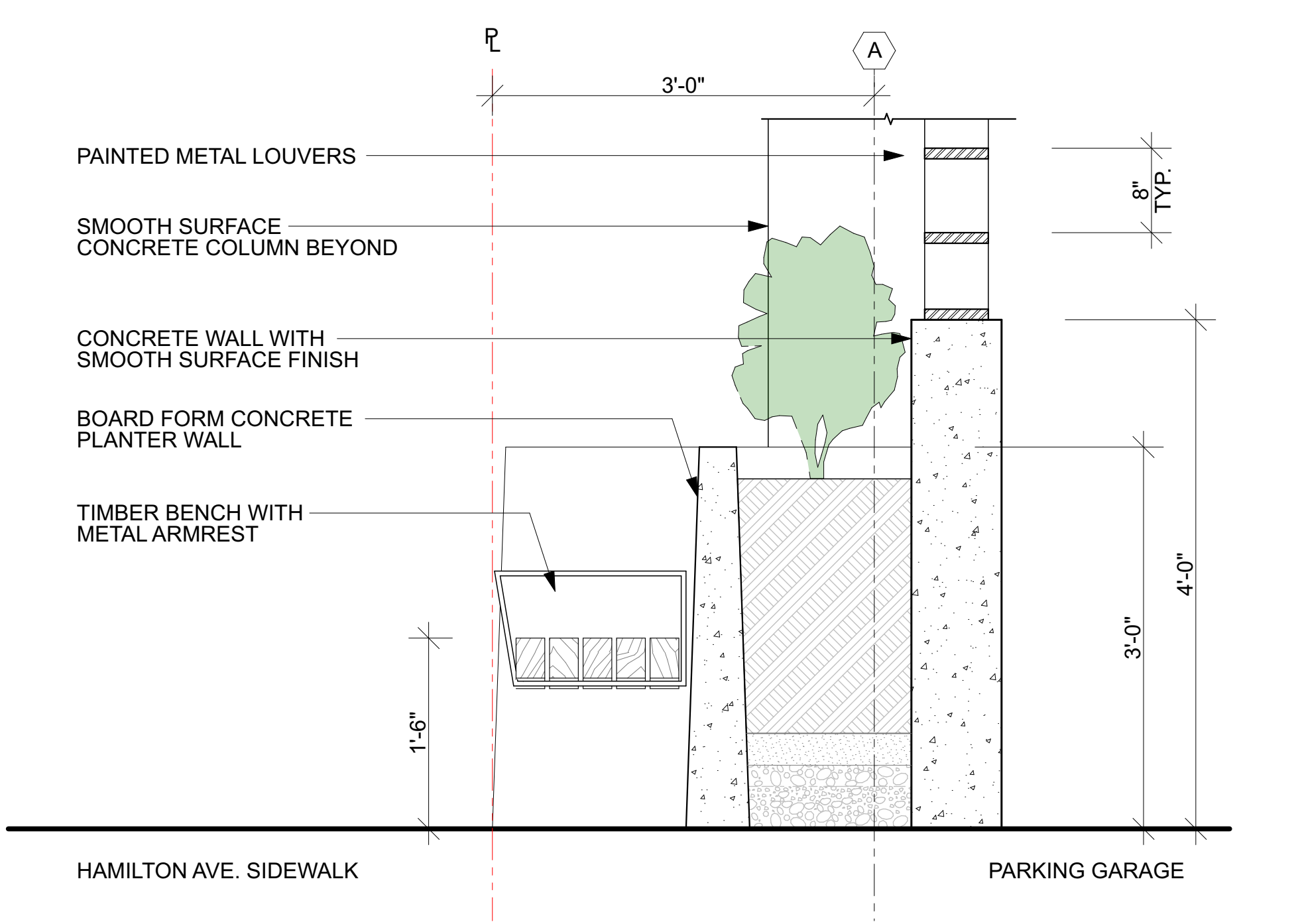
**CANOPY AT HAMILTON AVE 2**  
SCALE: 1" = 1'-0"



**METAL LOUVER AND LIGHT OUTRIGGER AT PASEO 5**  
SCALE: 1" = 1'-0"



**STAIR GUARDRAIL AND HANDRAIL 3**  
SCALE: 1" = 1'-0"



**SEAT AND PLANTER AT HAMILTON AVE. 1**  
SCALE: 1" = 1'-0"



VIEW OF GARAGE AT HAMILTON AVENUE



VIEW OF GARAGE FROM CORNER OF HAMILTON AVE. AND WAVERLEY ST.



VIEW OF GARAGE SHOWING FUTURE RESIDENTIAL BUILDING.  
THE UPPER HOUSING UNITS EXTEND TO HAMILTON AVENUE.  
THE GROUND FLOOR LINES UP WITH THE ENTRY TO THE GARAGE.



VIEW OF GARAGE SHOWING FUTURE RESIDENTIAL BUILDING.  
THE BUILDING LINES UP WITH THE ENTRY TO THE GARAGE.



VIEW OF GARAGE FROM WAVERLEY STREET



VIEW FROM PLAZA TO PASEO



VIEW DOWN PASEO APPROACHING STAIR



VIEW OF GARAGE ENTRY



VIEW OF PASEO TOWARDS WAVERLEY STREET, FROM GARAGE



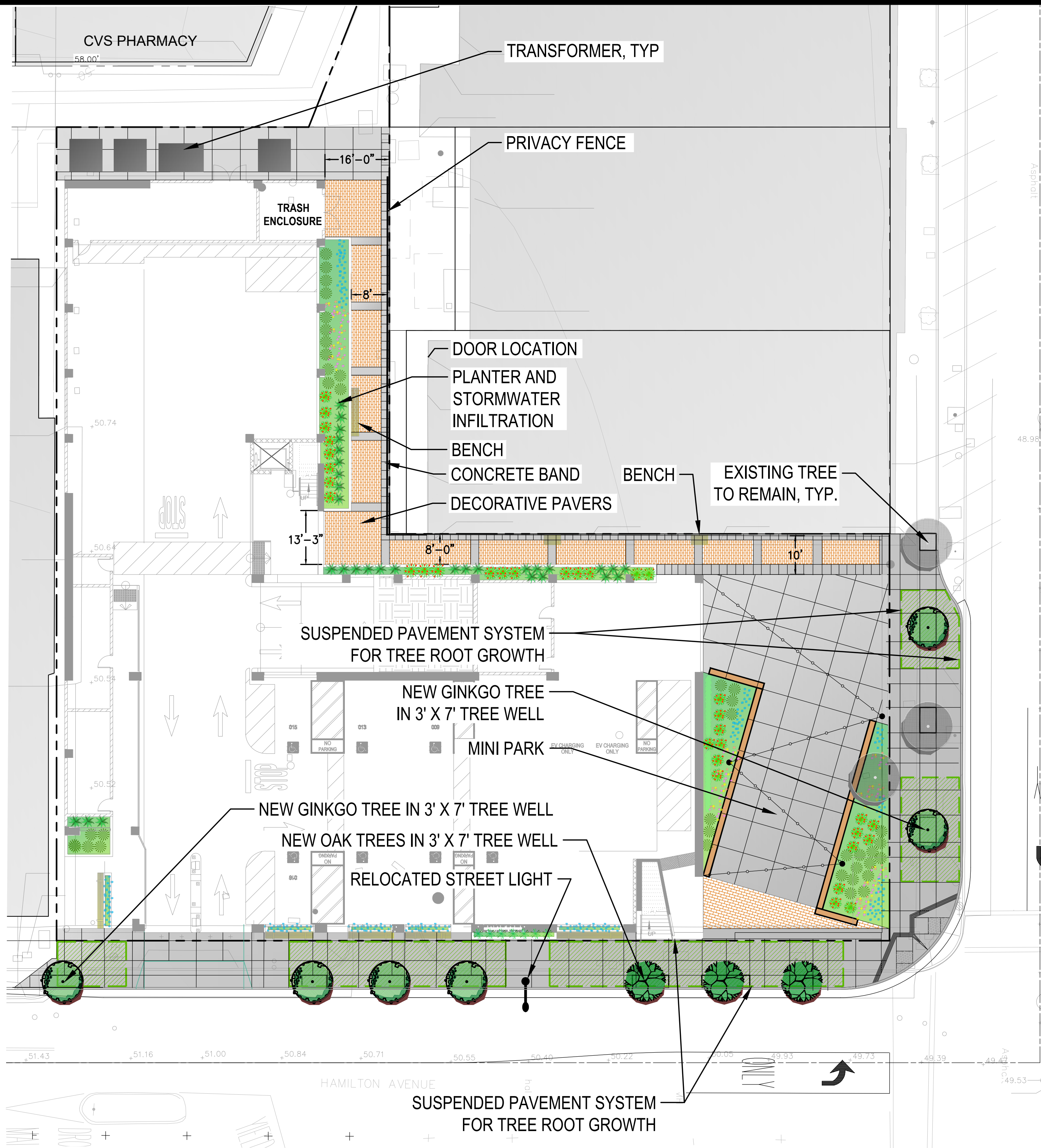
STAIR AND ELEVATOR VIEWED FROM ABOVE



PEDESTRIAN PLAZA AT SOUTH-WEST CORNER OF LOT

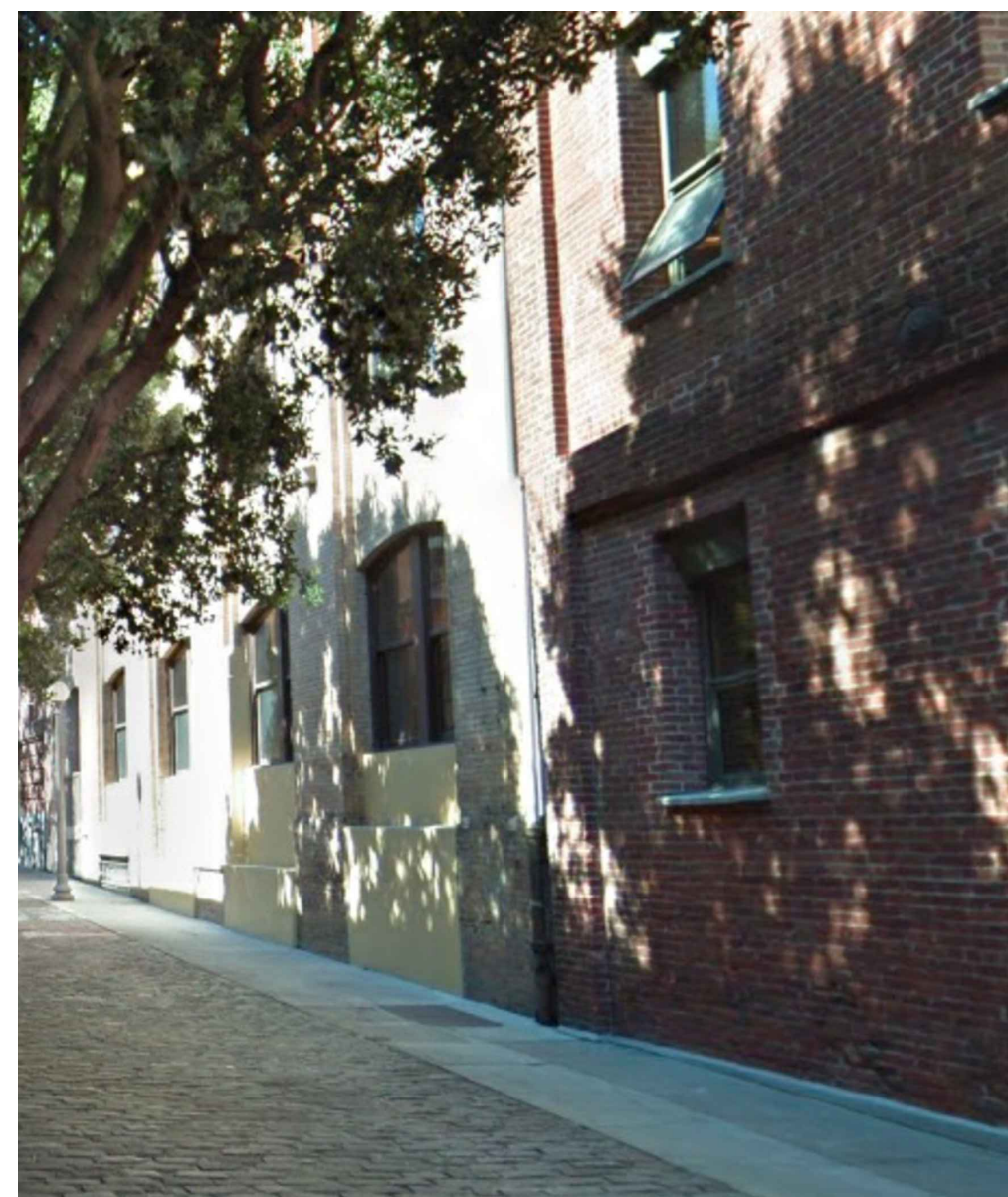
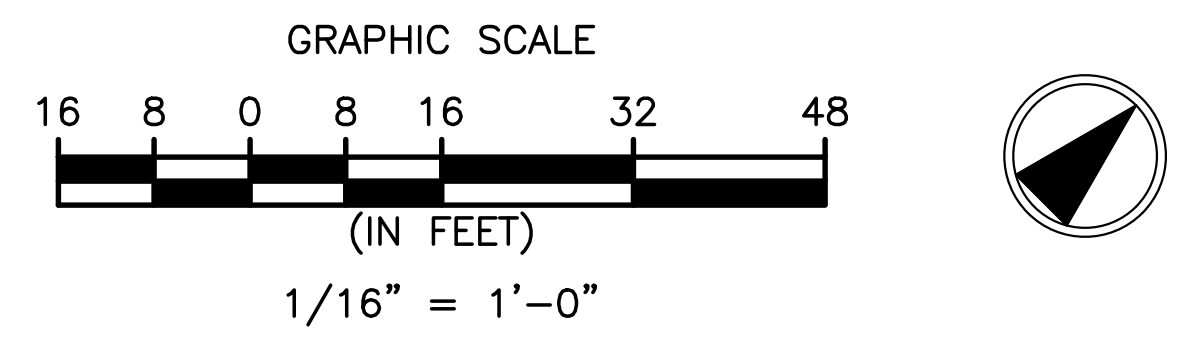


ENTRY AND STAIR NEAR CORNER OF HAMILTON AND WAVERLEY

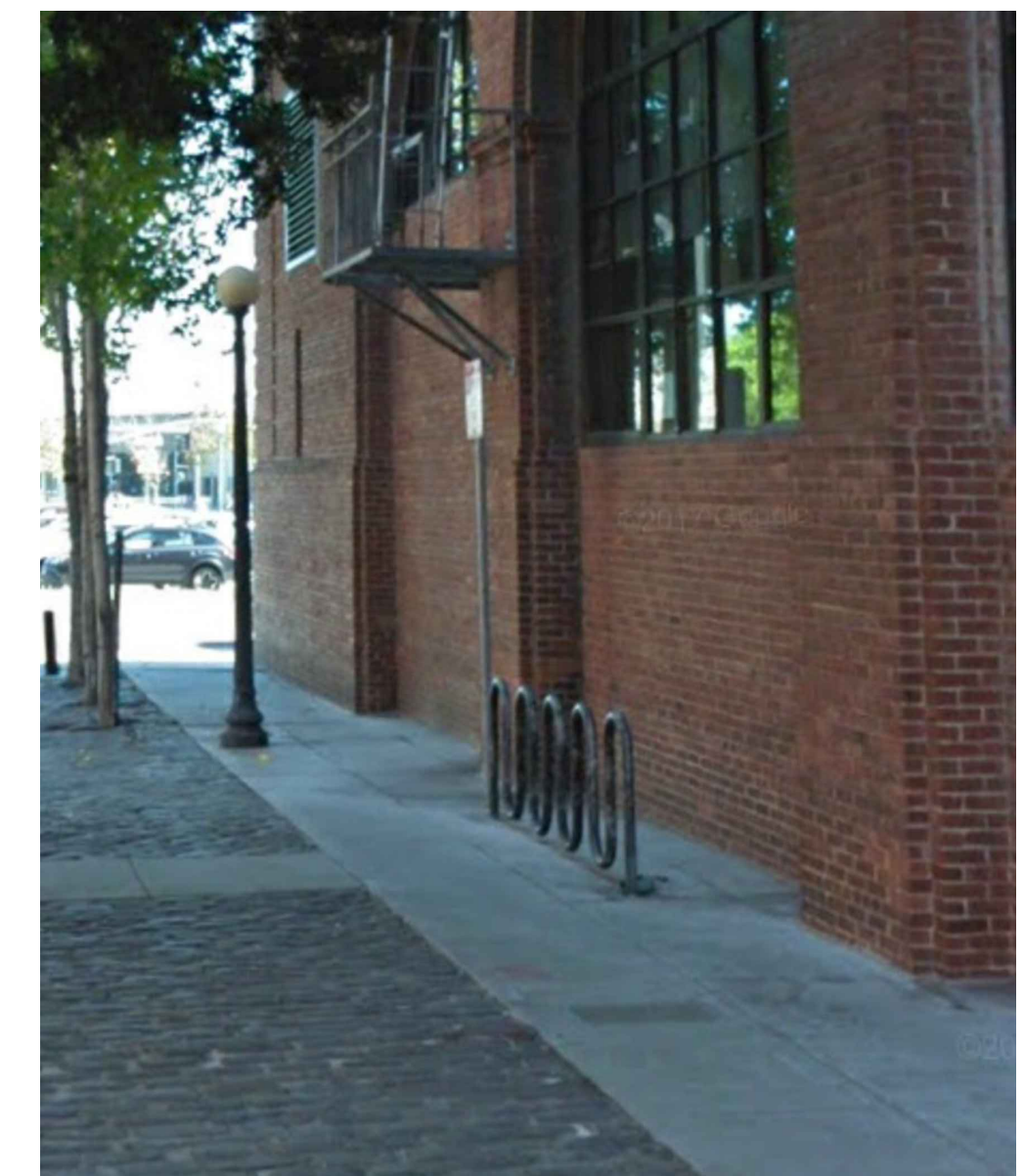


SEE ARCHITECTURAL PLANS FOR BENCH DESIGN IN PASEO AND ON HAMILTON AVENUE

**SITE PLAN**



REFERENCE IMAGE 1  
PASEO CHARACTER



REFERENCE IMAGE 2  
PASEO CHARACTER

PLANT LIST & LEGEND				
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	QUANTITY
	QUERCUS AGRIFOLIA	COAST LIVE OAK	24" BOX	3
	GINKGO BILOBA	MAIDENHAIR TREE	24" BOX	6
	ACHILLEA MILLEFOLIUM 'SUMMER PASTELS'	SUMMER PASTELS YARROW	5 G.C.	125
	PENNESETUM SPATHIOLATUM	SLENDER VELDT GRASS	5 G.C.	55
	VITUS CALIFORNICA	CALIFORNIA GRAPE	5 G.C.	12
	MUHLENBERGIA CAPILARIS	PINK MUHLEY	5 G.C.	42
	PENSTEMON SPECIOSUS	ROYAL PENSTEMON	5 G.C.	45
	POLYSTICHUM MUNITUM	SWORD FERN	5 G.C.	27
	RIBES SANGUINEUM	RED CURRANT	5 G.C.	35

- NOTES:
1. PLANTING AREAS IN THE ALLEYWAY WILL BE FLUSH WITH THE PAVEMENT. ALL OTHER PLANTERS ARE RAISED ABOVE PAVEMENT LEVEL.
  2. THERE WILL BE AN ADDITIONAL 50 - 60 SUPPLEMENTAL 1 GALLON SIZE PERRENIALS INCLUDED IN THE PLANTING BEDS ALONG THE PEDESTRIAN WAY. ADDITIONAL OPTIONAL PLANT SELECTIONS ARE SHOWN ON THE MATERIALS AND PLANT SELECTIONS SHEET.
  3. IRRIGATION BACKFLOW PREVENTER AND IRRIGATION CONTROLLER WILL BE LOCATED WITHIN THE STRUCTURE IN A MECHANICAL AND ELECTRICAL SERVICE ROOM.

EXISTING TREE TO REMAIN. REFER TO ARBORISTS REPORT.



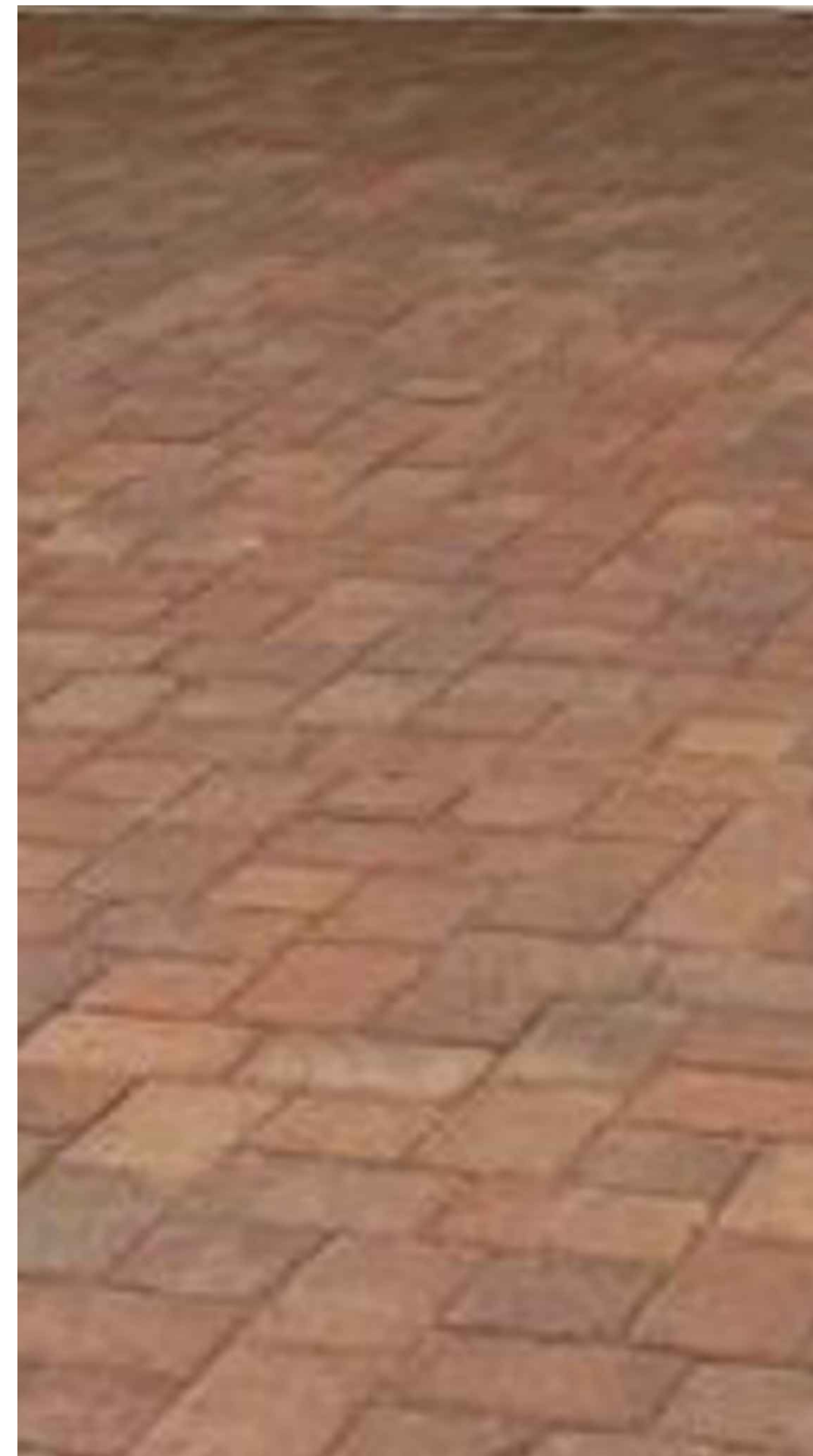
**VINE - CALIFORNIA GRAPE**  
DECIDUOUS VINE , RED FALL COLOR.  
SUN OR SHADE TOLERANT.



**GINKGO STREET TREE - fall color**  
existing on site tree selection



**COAST LIVE OAK**  
selection by PA urban forestry



**PAVERS**



**PRIVACY FENCE**



PERENNIAL / DEEP SHADE

**SWORD FERN**  
EVERGREEN PERENNIAL TO 3 FEET  
TALL. DOES WELL IN DEEP SHADE.



DECIDUOUS SHRUB / SHADE

**RED CURRANT**  
SMALL SHRUB TO 4 FEET  
TALL. BRIGHT PINK FLOWERS  
IN SPRING. DOES WELL IN  
SHADE.



PERENNIAL

**VARIEGATED COPROSMA**  
EVERGREEN GROUNDCOVER TO  
3 FEET TALL.



PERENNIAL

**PINK MUHLEY**  
GRASS TO 3 FEET TALL.  
PINK FLOWERS THAT FLOWS  
IN THE BREEZE.



PERENNIAL

**SLENDER VELDTS GRASS**  
PERENNIAL GRASS TO 2 FEET  
TALL.



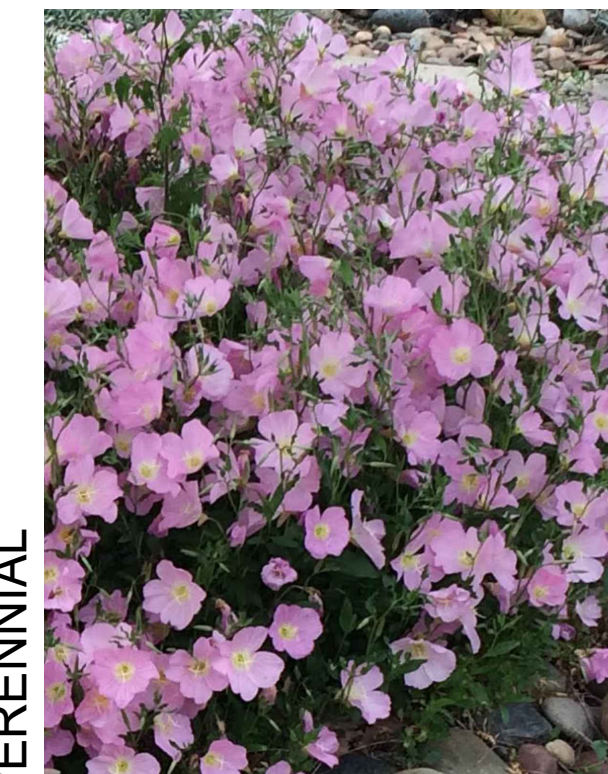
PERENNIAL / SHADE

**ROYAL PENSTEMON**  
NATIVE PERENNIAL TO 2 FEET  
TALL. SHADE TOLERANT.



PERENNIAL / DEEP SHADE

**COYOTE MINT**  
EVERGREEN GROUNDCOVER TO 2  
FEET TALL. DOES WELL IN SHADE.



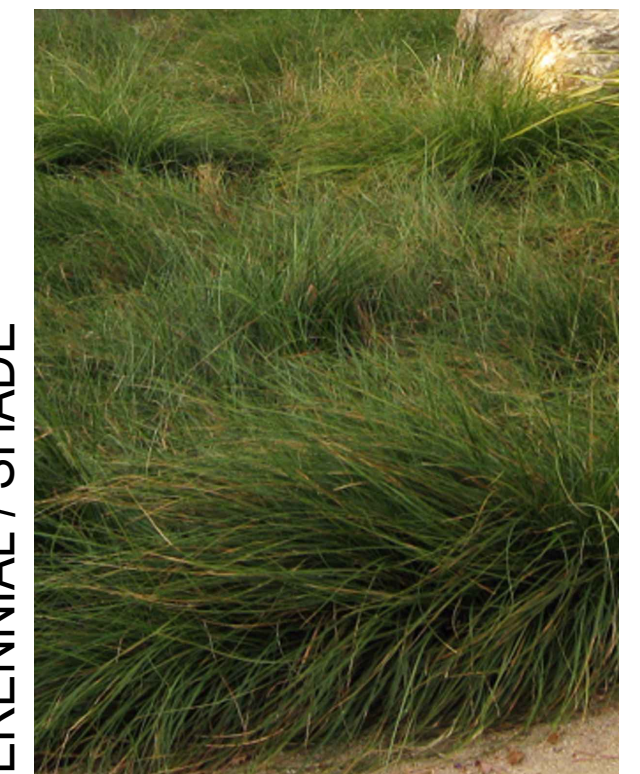
PERENNIAL

**MEXICAN PRIMROSE**  
EVERGREEN GROUNDCOVER  
TO 1 FOOT TALL.



PERENNIAL / SHADE

**YARROW**  
EVERGREEN GROUNDCOVER TO 2  
FEET TALL. FLOWERS IN SUMMER.  
SHADE TOLERANT.



PERENNIAL / SHADE

**DUNE SEDGE**  
GRASS-LIKE EVERGREEN  
GROUNDCOVER TO 2 FEET TALL.  
SHADE TOLERANT.

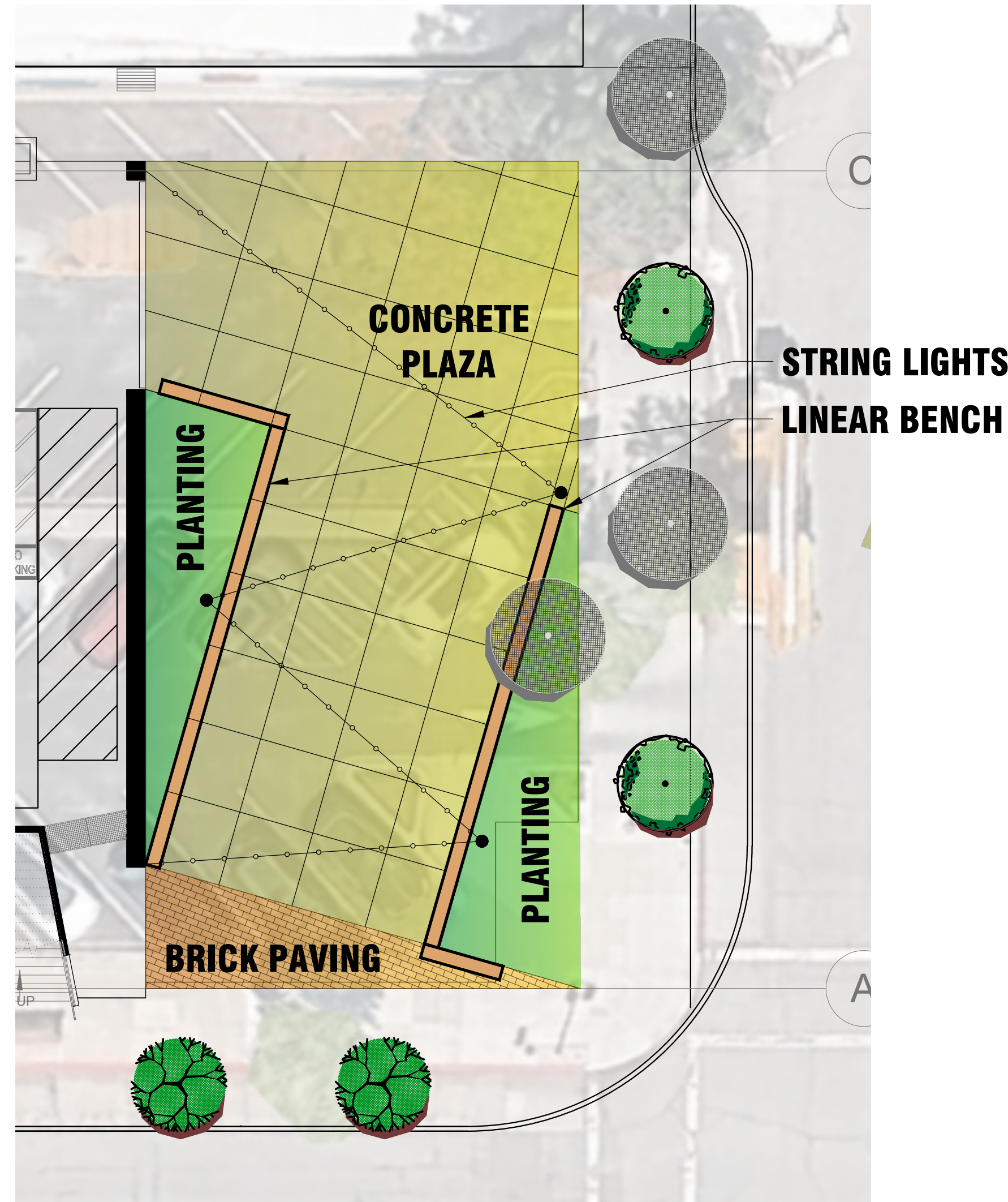
# MATERIAL SELECTIONS

# PLANT SELECTIONS

ALL PLANT SELECTIONS ARE LOW WATER USE, AND LOW MAINTENANCE

# A SEPARATE AND COMPLEMENTARY PROJECT AS AN INTERIM CONDITION UNTIL HOUSING IS BUILT

## SIMPLE FLEXIBLE SPACE

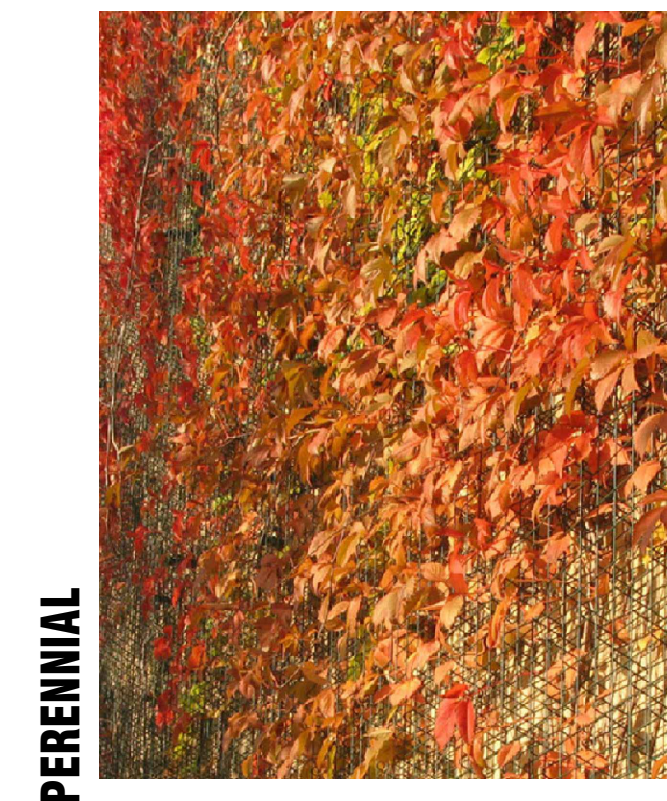


### ● FIVE DESIGN ELEMENTS

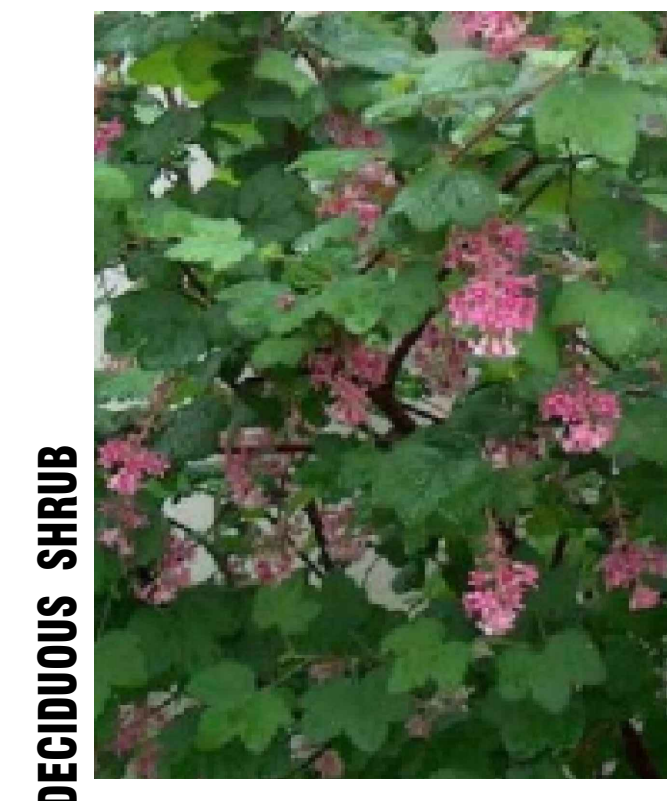
- CONCRETE PLAZA
- BRICK PAVING TO HIGHLIGHT ENTRANCE TO PARKING GARAGE FROM HAMILTON STREET
- LOW ORNAMENTAL PLANTINGS
- LINEAR CONCRETE BENCH
- STRING LIGHTS ON 16 FOOT POLE

## PLANT SELECTIONS

ALL PLANT SELECTIONS ARE LOW WATER USE, AND LOW MAINTENANCE



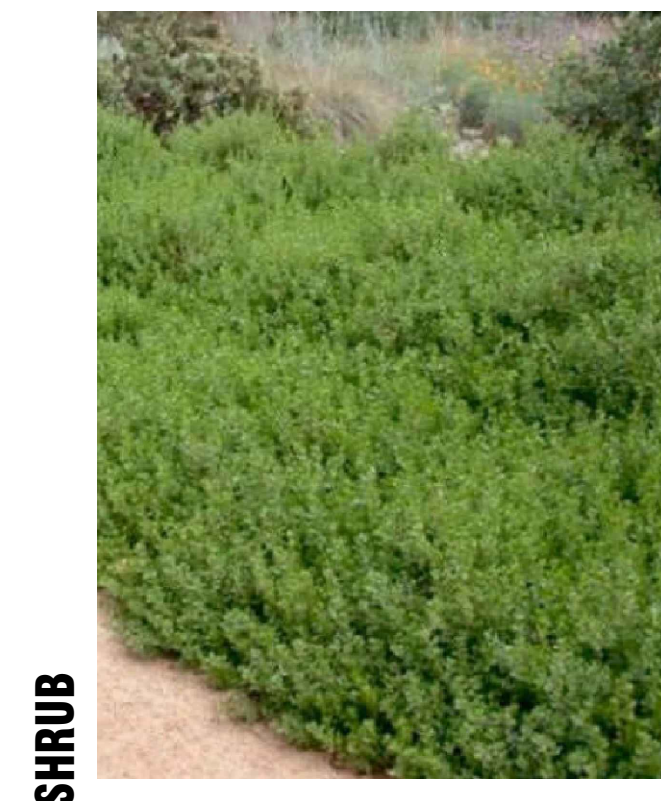
**CALIFORNIA GRAPE**  
DECIDUOUS VINE THAT PROVIDES FALL COLOR. SUN OR SHADE TOLERANT.



**RED CURRANT**  
SMALL SHRUB TO 4 FEET TALL. BRIGHT PINK FLOWERS IN SPRING. DOES WELL IN SHADE.



**ARTEMISIA**  
EVERGREEN GROUNDCOVER TO 3 FEET TALL.



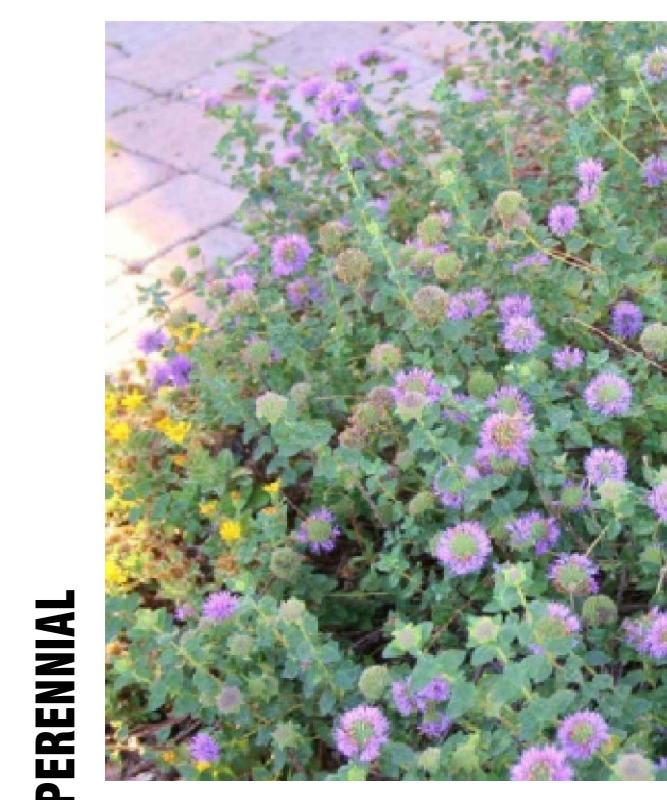
**DWARF COYOTE BRUSH**  
SHRUB TO 3 FEET TALL.



**SLENDER VELDT GRASS**  
PERENNIAL GRASS TO 2 FEET TALL.



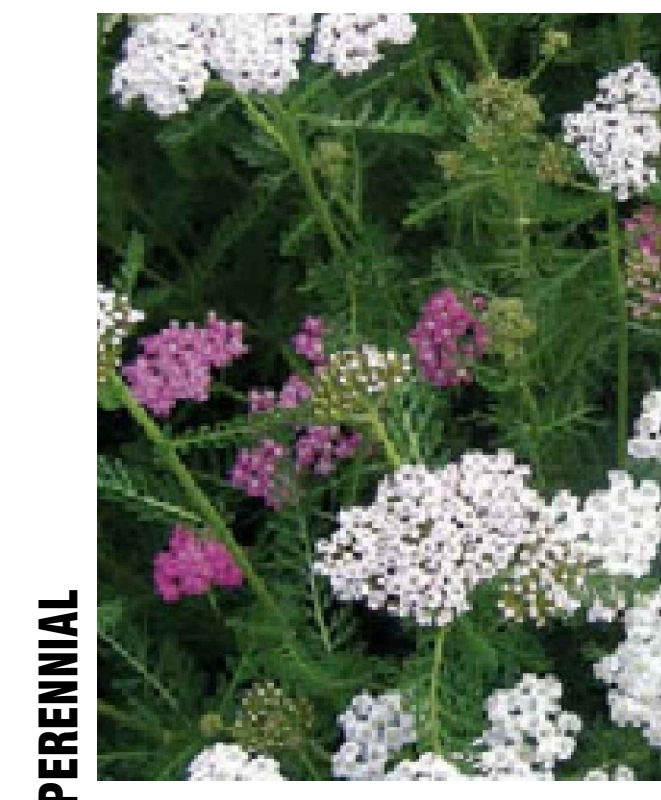
**ROYAL PENSTEMON**  
NATIVE PERENNIAL TO 2 FEET TALL. SHADE TOLERANT.



**COYOTE MINT**  
EVERGREEN GROUNDCOVER TO 2 FEET TALL. DOES WELL IN SHADE.



**MEXICAN PRIMROSE**  
EVERGREEN GROUNDCOVER TO 1 FOOT TALL.

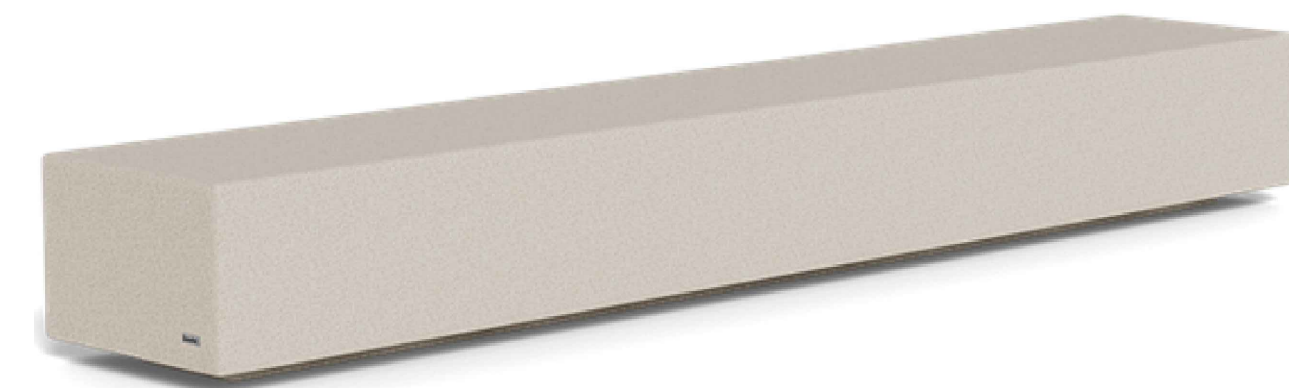


**YARROW**  
EVERGREEN GROUNDCOVER TO 2 FEET TALL. FLOWERS IN SUMMER. SHADE TOLERANT.

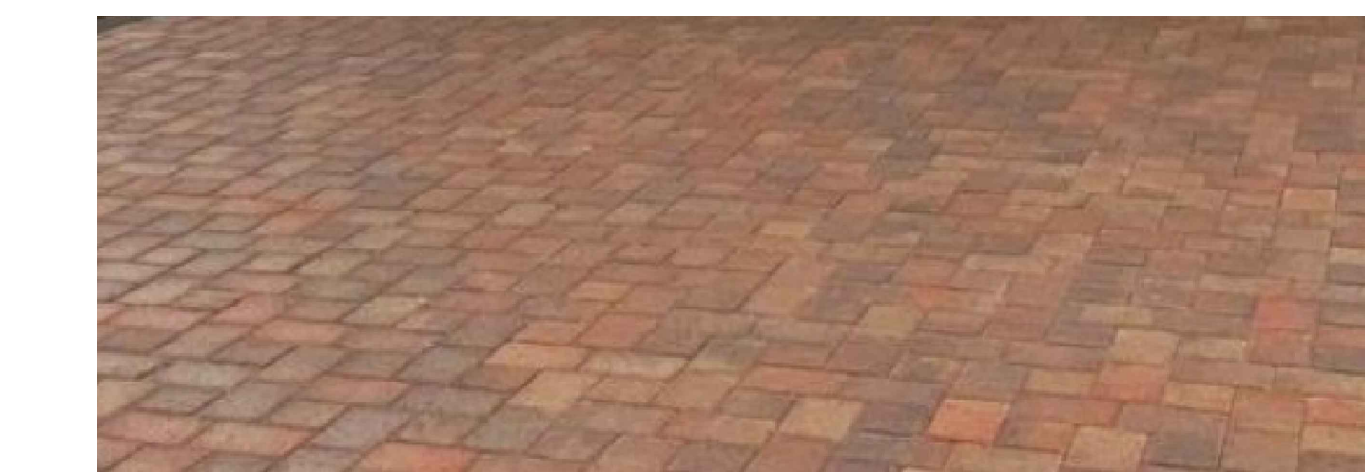


**GREY SEDGE**  
GRASS-LIKE EVERGREEN GROUNDCOVER TO 2 FEET TALL. SHADE TOLERANT.

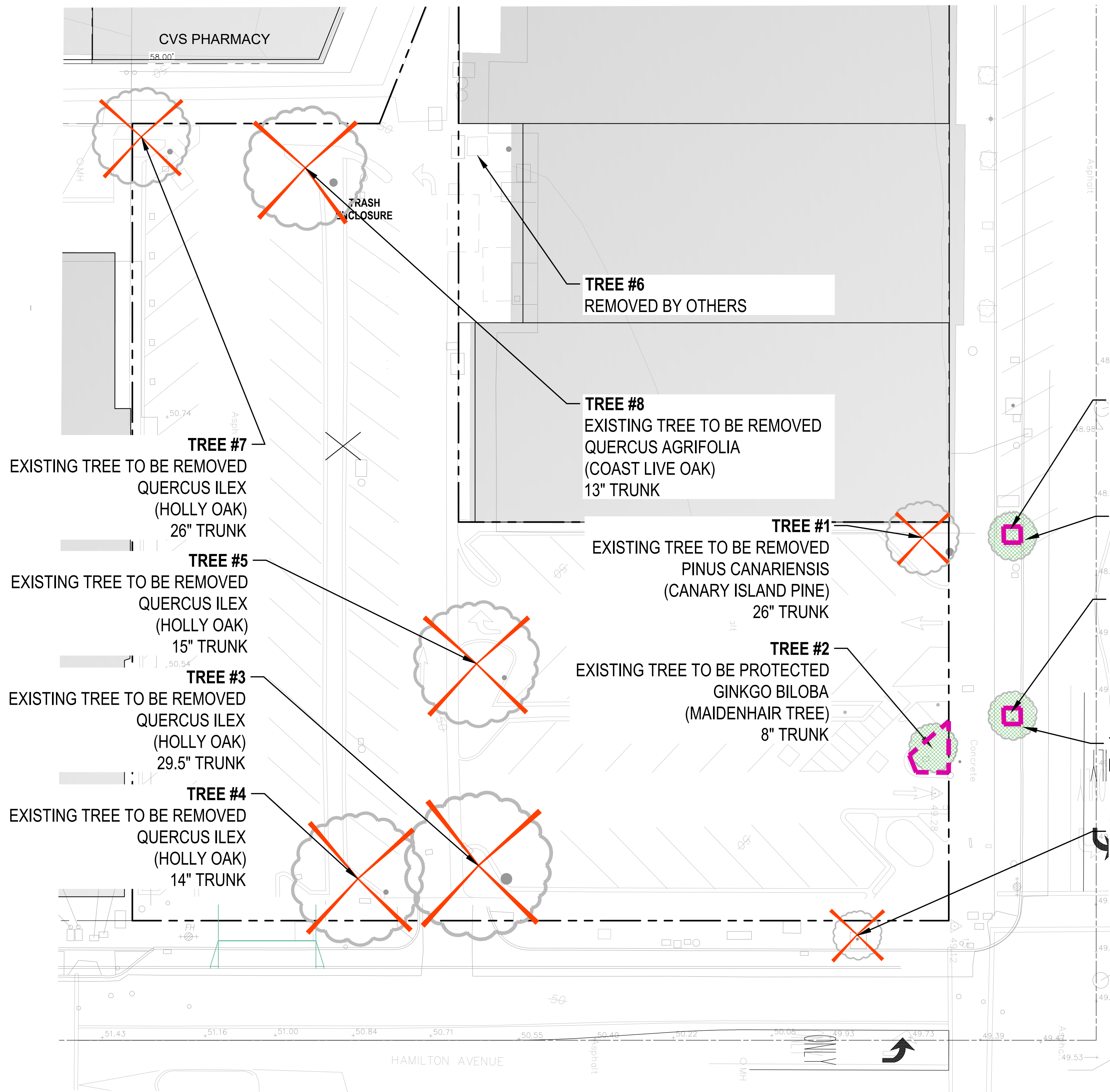
## SITE ELEMENTS



**LINEAR BENCH**  
CONCRETE FOR LONG LASTING DURABILITY



**BRICK PAVING**  
TO COMPLEMENT THE CLIPPED FACADE



**COLUMN HEADING DESCRIPTIONS**

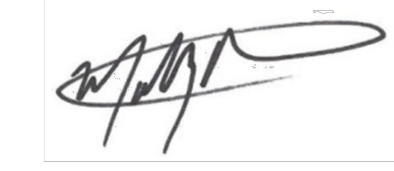
Tree# - Indicates tree number corresponding to Tree Location Map  
 Species - Scientific name  
 Common Name - Vernacular name  
 DBH - Diameter measured in inches at 4.5 feet above soil grade, unless otherwise indicated  
 Height - In feet  
 Spread - In feet  
 Health - Tree Health: E is Excellent, G is Good, F is Fair, P is Poor, D is Dead or Dying  
 Structure - Tree Structural Safety: E is Excellent, G is Good, F is Fair, P is Poor, H is Hazardous  
 Protected? - Attaining City of Palo Alto Protected Tree Status: Y is Yes, N is No  
**Notes - See below**

**DEFINITIONS**

**Included Bark** - This is a structural defect where bark is included between the branch attachment.  
**Codominant w/ Embedded Bark** - A tree with two or more stems which are of equal diameter and relative amounts of leaf area. When bark is embedded between codominant stems, failure potential is very high and pruning to mitigate the defect is recommended.  
**Lion Tailing** - The improper practice of removing all or most secondary and tertiary branches from the interior portion of the crown, leaving most live foliage at the edge of the canopy.

Tree #	Species	Common Name	DBH	Height	Health	Structure	Suitability for Retention	Protected	Notes
1	<i>Pinus canariensis</i>	Canary Island Pine	29	85	G	P	G	Y	Codominant w included bark with likely internal crack, curb displacement
2	<i>Ginkgo biloba</i>	Maidenhair	9	30	G	G	G	N	Large trunk wound, good wound wood formation, multiple leaders, banching at 5'.
3	<i>Quercus ilex</i>	Holly Oak	30	55	G	F-G	G	Y	Lions-tailed with multiple pruning wounds, dead branches over parking lot, Vehicle damage on stem over drive, heavy foliage end weight on north side.
4	<i>Quercus ilex</i>	Holly Oak	15	30	G	F	G	N	Under canopy of #4, Ivy, curb displacement
5	<i>Quercus ilex</i>	Holly Oak	16	30	G	F	G	Y	Curb displacement, multiple leaders
6	<i>Xylosma congestum</i>	Shiny Xylosma							Removed
7	<i>Quercus ilex</i>	Holly Oak	28	55	G	F	F	Y	Codominant, curb displacement, Ivy, suckering on trunk, Evidence of prior root buttress severance. Future stability issues?
8	<i>Quercus agrifolia</i>	Coast Live Oak	18	30	F	F	G	Y	Included bark in canopy, old large trunk wound with good wound closure, off color foliage, curb displacement

Report Submitted By:



Molly Batchelder, Consulting Arborist  
 WC ISA Certified Arborist #9613A  
 Tree Risk Assessment Qualified (TRAQ)

SBCA Tree Consulting  
 1534 Rose St. Crockett, CA 94525  
[steve@sbcatreec.com](mailto:steve@sbcatreec.com)

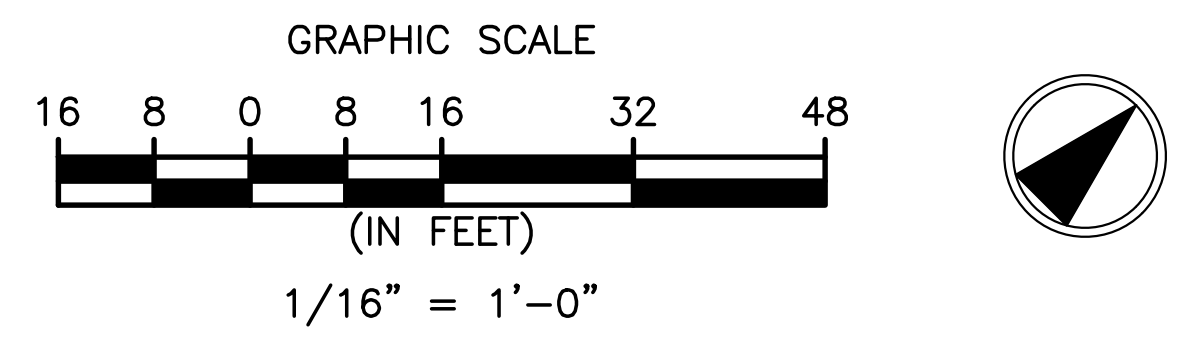


**NOTES ON TREE PROTECTION:**

ALL TREES SHOWN TO BE PROTECTED ARE OFF SITE, EITHER AS STREET TREES OR ON AN ADJACENT PROPERTY. ALL TREES TO BE PROTECTED ARE IN EXISTING TREE WELLS AND THE TREE PROTECTION FENCE WILL FOLLOW THE PERIMETER OF THE TREE WELL, WHICH IS GENERALLY 4X4 FEET.

ALL TREES TO BE PRESERVED SHALL BE PROTECTED WITH FIVE OR SIX (5' - 6') FOOT HIGH CHAIN LINK FENCES. FENCES ARE TO BE MOUNTED ON TWO INCH DIAMETER GALVANIZED IRON POSTS, DRIVEN INTO THE GROUND TO A DEPTH OF AT LEAST 2-FEET AT NO MORE THAN 10-FOOT SPACING (SEE PUBLIC WORKS DEPARTMENT DETAIL #505, APPENDIX K). THIS DETAIL SHALL APPEAR ON GRADING, DEMOLITION AND IMPROVEMENT PLANS.

**EXISTING TREE REMOVAL AND PROTECTION PLAN**

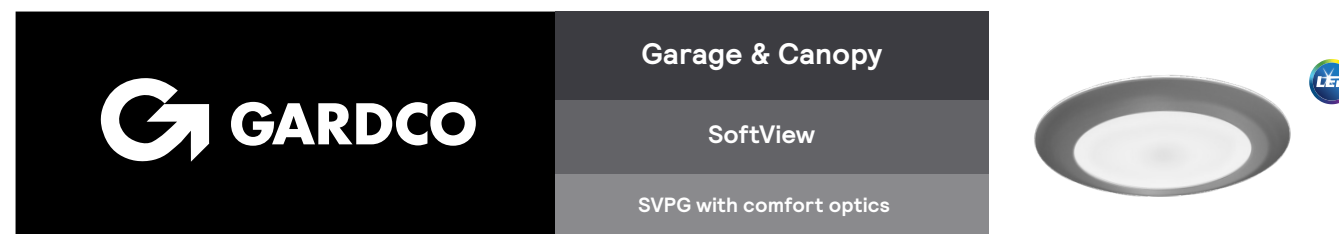




Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	Tag	LLF	Luminaire Lumens	Luminaire Watts	Total Watts
+	9	12 INCH STEP LIGHT RECESSED WALL MOUNTED	SINGLE	BEGA 33165 RECESSED WALL STEP LIGHT	F15	0.850	516	8	72
—	4	LumenFacade ASYMMETRIC 4ft at planters half power	SINGLE	LFM-120_277-48-10W-27K-VW-HFR-DMX_RDM	F8A	0.500	3595	41.7	166.8
□	3	GARDDO STONCO LED WALL LIGHT	SINGLE	LPW-32-50-WW-G3-3-EBP-Normal Mode	F9	0.850	5340	45.4	136.2
—	12	LumenFacade ASYMMETRIC 4ft at planters	SINGLE	LFM-120_277-48-10W-27K-VW-HFR-DMX_RDM	F8	0.850	3595	41.7	500.4
○	4	GARAGE TYPE 5 ROUND B2B4 LUMEN_les	SINGLE	SVPG-7L-840-5RD	F6	0.850	6943	68.4	241.6
+	10	BLSDS-09C3-30KS-50-S-WH_les	SINGLE	BLSDS-09C3-30KS-50-S-WH	F5A	0.850	823	8.416	84.16
●	2	KIM WALL MOUNTED AT PARK	SINGLE	UR20-96L-90-3K7-3	F14	0.850	10308	90.2	180.4
●	3	KIM EDGE LIT PDST TOP LIGHT AT PARK	SINGLE	UR20-192L-110-3K7-5W-PT	F13	0.850	12203	106.5	319.5
+	10	BLSDS-09C3-30KS-50-S-WH_half	SINGLE	BLSDS-24C3-30KS-50-S-WH MDD to 12W	F11	0.850	1078	12	120
—	11	LumenFacade AT ALLEY 4 FT	SINGLE	LFM-120_277-48-10W-27K-VW-HFR-DMX_RDM	F10	0.850	3595	41.7	458.7

Calculation Summary						
Label	Calc Type	Units	Avg	Max	Min	Avg/Min
EAST OPEN AREA	Illuminance	Fc	5.22	8.6	1.8	2.90
Elevator lobby	Illuminance	Fc	14.59	44.4	6.6	2.21
ground	Illuminance	Fc	5.65	14.1	0.5	11.30
North site	Illuminance	Fc	8.89	58.6	0.1	88.90
Pedestrian alley	Illuminance	Fc	17.24	27.1	9.4	1.83
SE ENTRY	Illuminance	Fc	6.41	28.7	0.9	7.12
South sidewalk	Illuminance	Fc	14.11	53.0	10.6	1.33
Stair 1's elevator	Illuminance	Fc	21.72	64.5	3.2	6.79

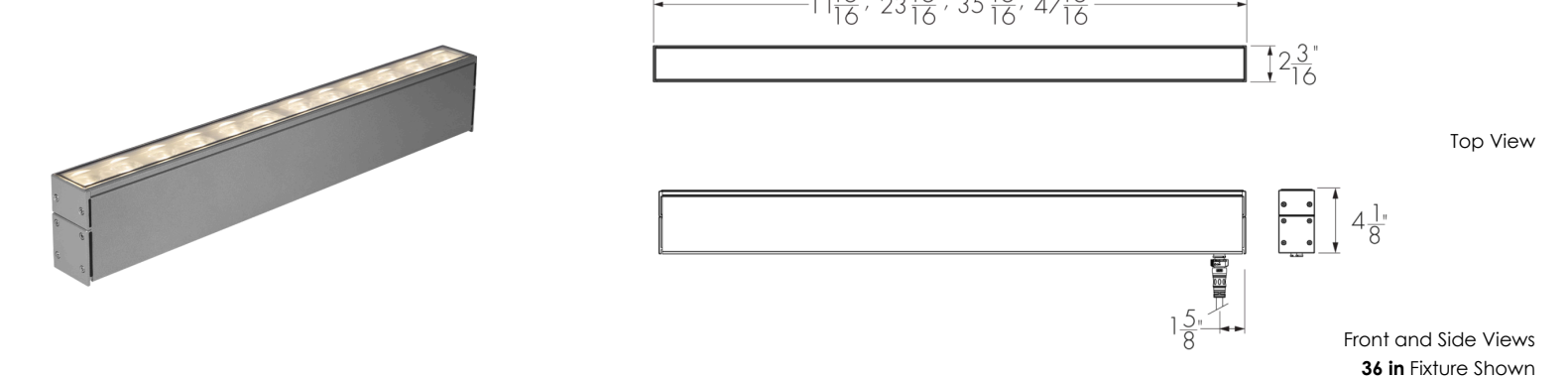
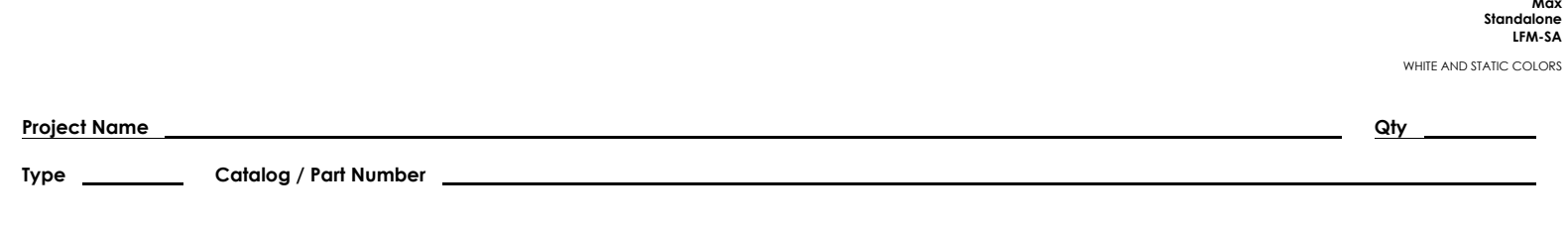




Garco SoftView LED parking garage luminaires feature edge lit comfort optics technology, providing uniform indirect illumination that minimizes glare and creates a welcoming environment.

Ordering guide Example: SVPG-A06-B40-SRD-SUR-UNV-UNV-BLBT-L3-SP2-MG. Table with columns: Luminaire, Configuration (Item, Lumens), Color Temp., Distribution, Mounting, Voltage.

- 1. T3A not available with A06, A07, A08, A09, A10 or A11 configurations due to thermal and fit restrictions.
2. T3N not available with combination of both DLEA and EM options due to fit restrictions.



Photometric Summary (22 W/ft) Symmetric. Table with columns: Delivered Output (lm), Intensity (Peak cd). Description: The Lumenfacade Max Standalone supplies you with beautiful, clean white light and static colour through our in-house designed optics that can complement the Lumenfacade Pure while supplying extra features and higher output.

- 1. Based on 4000K, [mm]x[218]mm.
2. Photometric performance is measured in compliance with EN1891, LWA 79.54.
3. Bld, 10x10, 10x30, 10x60, 10x90, 30x30, 30x60, 30x90, 60x60, 60x90, 90x90, 60x10, 60x30, 90x10, W and CA3 optics tested with CL lens.

F6 - GARAGE VEHICULAR ENTRY/EXIT



UR20 EDGE-LIT Post Top ARCHITECTURAL AREA/SITE

- FEATURES
• 20" size in single/dual arm post top, pole and wall mount
• High performance optics up to 15,227 delivered lumens
• Elegant form factor



Weight and EPA table for UR20 luminaire. Weight: 24 lbs / 10.9 kg, EPA: 0.021 R1.

CONSTRUCTION

- Low copper aluminum alloy die-casting is designed as one-piece, low profile luminaire
• Molded silicone gasket throughout ensures the sealing between the two compartments and provides ingress protection

ELECTRICAL (CONTINUED)

- Drivers shall have greater than a 0.9 power factor, less than 20% harmonic distortion, and be suitable for operation in -40°C to 40°C ambient environments

INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

ELECTRICAL

- Universal voltage, 120 through 277V with a ±10% tolerance. Driver is Underwriters Laboratories listed

Current logo

F8/F10 - PEDESTRIAN ENTRY AND FACADE ALONG HAMILTON/ PASEO



UR20 Edge-Lit ARCHITECTURAL AREA/SITE

- FEATURES
• 20" size in post top, pole and wall mount
• High performance optics up to 16,091 delivered lumens
• Elegant form factor



Weight and EPA table for UR20 luminaire. Weight: 21 lbs / 9.5 kg, EPA: 0.021 R1.

CONSTRUCTION

- Low copper aluminum alloy die-casting is designed as one-piece, low profile luminaire
• Molded silicone gasket throughout ensures the sealing between the two compartments and provides ingress protection

ELECTRICAL (CONTINUED)

- Thermal Shield, secondary side, thermistor provides protection for the sustainable life of LED module and electronic components

INSTALLATION

- Fixtures must be grounded in accordance with national, state and/or local electrical codes. Failure to do so may result in serious personal injury

ELECTRICAL

- Universal voltage, 120 through 277V with a ±10% tolerance. Driver is Underwriters Laboratories listed

Current logo



Keep ceiling height right where it is! Specifically designed to work with surface-mounted conduit and junction boxes, BLOCK has a modern look that's perfect for lofts, offices, and open architectural spaces.

- FEATURES
• High performance architectural lighting solution for industrial or exposed concrete ceiling types where recessed lighting is not an option
• Convenient conduit cutouts provide access for surface-mounted conduit to pass through the luminaire

BEVELED BLOCK DOWNLIGHT PERFORMANCE DATA. Table with columns: Color Rendering Index, Source Lumens, Delivered Lumens.

LED COLOR CHOICES. Table with columns: Classic White, Warm Glow Dimming.

USAI LIGHTING COLLABORATORY 13 Conroy Street New York, NY 10013
USAI LIGHTING HEADQUARTERS 1126 River Road New Windsor, NY 12553

F5A/F11 - GRAND STAIR ENTRY AND ELEVATOR LOBBY



Stonco LytePro LED large wall sconce LPW32 features outstanding value in a compact, architectural design. This powerful and precise combination offers outstanding energy savings with excellent photometric performance.

Ordering guide Example: LPW32-70-NW-G3-3-120-PCB-BZ. Table with columns: Prefix, Wattage, LED Color/Gen, Distribution, Emergency, Voltage.

Options table with columns: Dimming controls, Motion sensing, Photocontrol, Location, Finish.

Stocked luminaires - Ordering guide. Table with columns: Catalog Number, Description, Master Pack, Qty, UPC Code.

Stocked accessories - Ordering guide (Must be ordered separately). Table with columns: Catalog Number, Description, Master Pack, Qty, UPC Code.

- 1. Emergency battery backup (EBP) available with 50W configuration only
2. Not available in 347 or 480V
3. Not available with BL, FAWs or PCB
4. Not available with other control options.

Current logo

F13 - PUBLIC PLAZA

F14 - PUBLIC PLAZA WALL MOUNTED

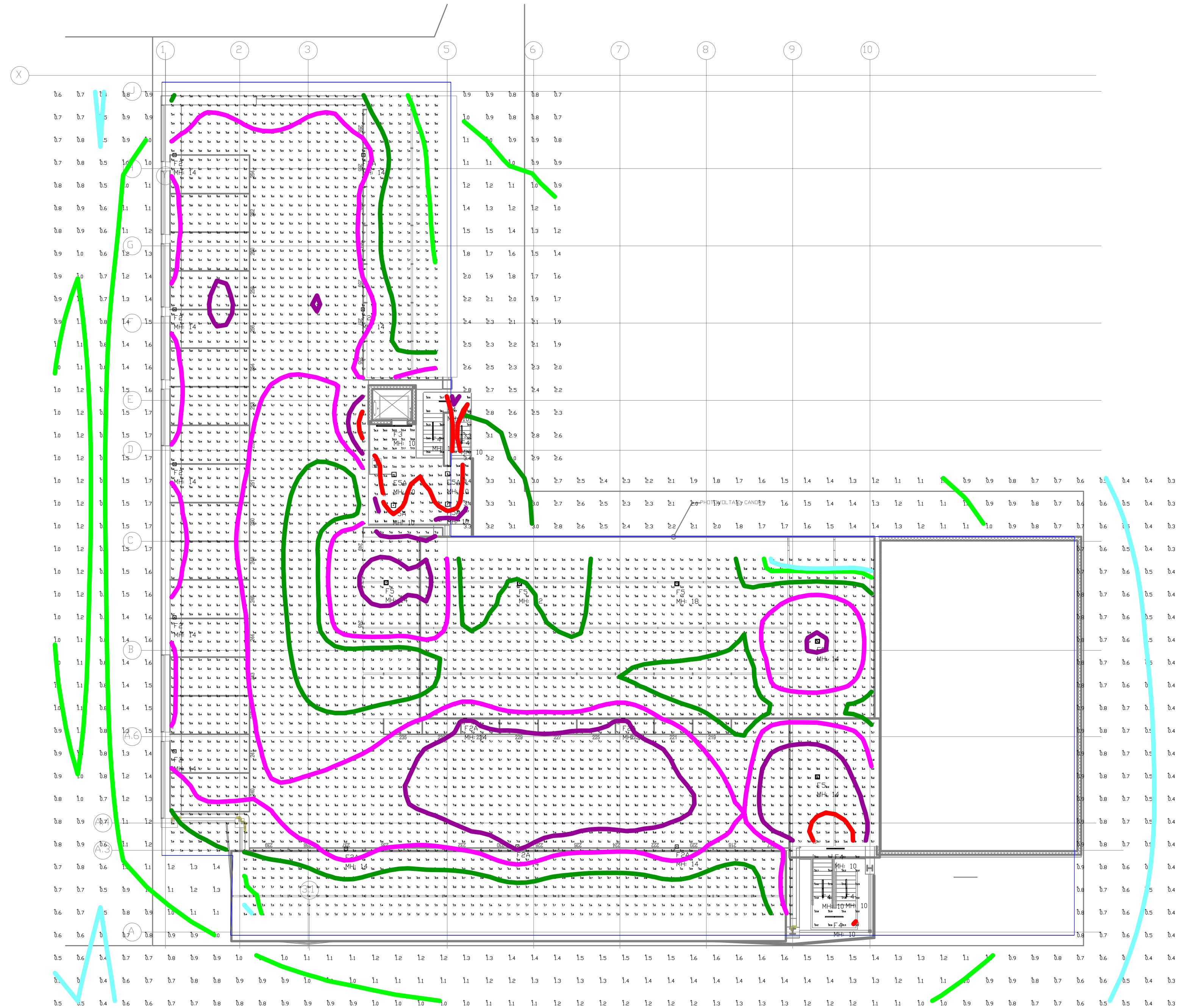
F9 - TRANSFORMER YARD



PROJECT NUMBER: 16-138A PROJECT NAME: DOWNTOWN PARKING GARAGE

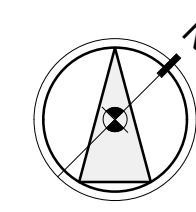
SHEET: 5.2 SHEET NAME: LUMINAIRE CUT SHEETS - SITE PLAN

CLIENT NAME: CITY OF PALO ALTO DATE ISSUED: 02/26/2026

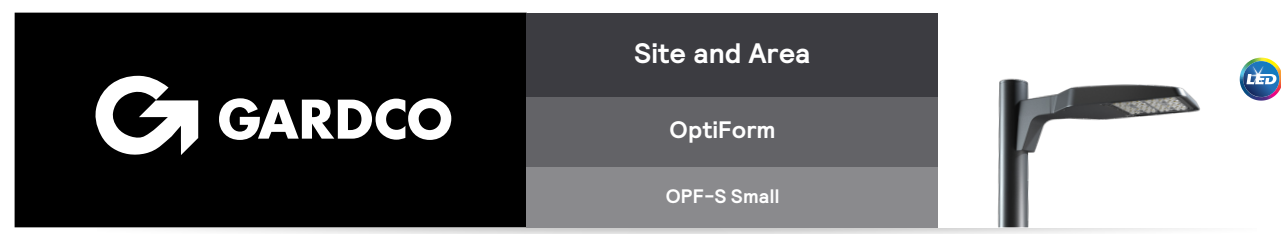


Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ELEVATOR 1 LANDING	Illuminance	Fc	11.43	23.4	5.6	2.04	4.18
spill light	Illuminance	Fc	1.17	3.4	0.3	3.90	11.33
STAIR 1	Illuminance	Fc	13.54	21.3	6.0	2.26	3.55
STAIR 2	Illuminance	Fc	13.84	18.1	9.5	1.46	1.91
Top Deck	Illuminance	Fc	4.79	12.3	0.2	23.95	61.50
Top Deck_2	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.

Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
ELEVATOR 1 LANDING	Illuminance	Fc	11.43	23.4	5.6	2.04	4.18
spill light	Illuminance	Fc	1.17	3.4	0.3	3.90	11.33
STAIR 1	Illuminance	Fc	13.54	21.3	6.0	2.26	3.55
STAIR 2	Illuminance	Fc	13.84	18.1	9.5	1.46	1.91
Top Deck	Illuminance	Fc	4.79	12.3	0.2	23.95	61.50
Top Deck_2	Illuminance	Fc	0.00	0.0	0.0	N.A.	N.A.



SCALE: 1/16" = 1'-0"



Gardco OptiForm site and area luminaires are available in three sizes: small, medium and large. Featuring the latest in LED technology, OptiForm achieves up to 192 lumens per watt. Eleven optical distributions are available, suitable for a range of outdoor lighting applications. OptiForm features a unique mounting system with a two-piece housing for hassle-free installation. Mounting options include a standard arm, mast arm, and wall mount bracket. Service Tag is a standard feature with every OptiForm luminaire, providing maintenance or upgrade assistance throughout the life of the product.

Project:
Location:
Cat. No.:
Type:
Lamps:
Notes:

example: OFF-S-AD1-840-14M-AR1-120-BL50-L3-BZ

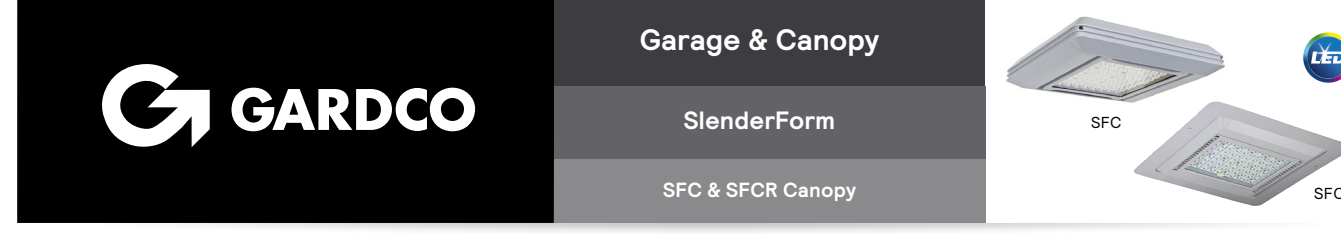
Table with columns: Luminaires, Configuration (from lumens), Color Temperature, Distribution, Mounting, Voltage. Includes sub-tables for OptiForm Small Area and Dimming Controls.

Table with columns: The following options include 0-10V Driver, LED Color - Generation, Voltage, Finish, Options. Includes sub-tables for Dimming Controls, Sensor, and Options.

- 1. Extended lifetime applies. Contact factory for details.
2. Mounts to a square pole with knockout for 4-5" OD round pole.
3. Mounts to a horizontal 2-3/8" OD x 1/2" Long leg.
4. Must be ordered with mounting accessory.
5. Not available with other dimming control options (mutually exclusive).
6. Not available with motion sensor (physical restrictions).
7. Must be specified with a motion sensor lens (L3).
8. Not available with PCB, BZ.
9. Must be specified with a motion sensor lens (L3).
10. Not available with TW, TL.
11. Must specify input voltage.
12. Not available in HWU (347-480V).



OFF-S-OptiForm-Small-en 04/25 page 1 of 9



Gardco SlenderForm SFC & SFCR canopy luminaires blend practical engineering and streamlined aesthetics. Defined by its efficient high output LEDs, sleek 3" low-profile design and rugged construction, SlenderForm brings durability and exquisite style to an otherwise ordinary environment. Perfect for outdoor canopies or exterior ceilings, the distinctive twin reveals allow the unit to effortlessly complement its surroundings, whether surface- or recessed-mounted.

Project:
Location:
Cat. No.:
Type:
Lamps:
Notes:

example: SFC-DD-5W-48L-700-NW-G2-UNV-MGY

Table with columns: Luminaire, Controls, Distribution, LED Count, Drive Current. Includes sub-tables for Controls and Distribution.

Table with columns: LED Color - Generation, Voltage, Finish, Options. Includes sub-tables for Voltage and Options.

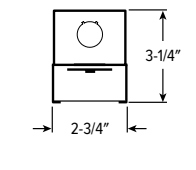
- 1. SFCR recessed mount NOT available with 900mA, MR, PCB, BX or JB.
2. 00 luminaire has 0-10V dimming wires exiting the luminaire for dimming controls by others.
3. Only available in 120 through 277V.
4. Must specify applicable specific input voltage, not available with UNV or HWU.
5. Not available with SFCR recessed mount units.
6. BX shroud is for SFC indirect pendant mount only. 12" (30.48cm) minimum pendant length required. Pendant by others. Option is installed in the field only.
7. For SFC indirect pendant mount. Pendant by others.
8. Must contact factory prior to ordering.



SlenderForm-SFC-SFCR-Gen2-spec-sheet-en 08/25 page 1 of 5

F5 - ROOF UNDER PV PANELS

75L LED Flat Lens Strip



- FEATURES
• Small fixture profile allows inconspicuous placement in coves or confined spaces
• Choice of diffuse and prismatic lenses
• Flat lens provides even illumination and minimizes glare
• Row applications produce continuous light with minimal interruption between fixtures
• Wide range of light levels to meet application requirements
• Variety of surface and suspended mounting accessories
• Optional wireguard provides added protection
• High performance up to 75A Im/W
• Support human-centric design with adaptive, individualized lighting using tunable white light
• Wireless in-fixture control solutions available
• Made Right Here® in the USA

- SPECIFICATIONS
• HOUSING - 22-gauge die-formed C 8.5.
• FINISH - 95% minimum average reflective white polyester powder coat bonded to phosphate-free, multi-stage pretreated metal. All parts painted after fabrication to facilitate installation, increase efficiency, and inhibit corrosion.
• SHIELDING - Diffuse matte acrylic, 0.08\"/>

- CONTROL
Click HERE for linear control and sensor options.
Click HERE for industrial control and sensor options.
- None

- NOTES
1. Lumen output based on CMAA shielding, 80 CRI, 3500K for static white and 4000K for tunable white. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
2. Additional lumen packages available, see options.
3. Ships with 2' of lenses.
4. Static white CCT only.
5. Static white CCT only.
6. Static white CCT only.
7. Remote EM batteries may require distance 50' including suspension length. Large remote box provided. Specify CEC in the option code when California Energy Commission regulations are required. See page 3 for REMOTE MOUNT BATTERY DETAILS.
8. Not available with 2' fixtures, 4' L80 or 8' L160 lumen packages.



CATALOG #:
TYPE:
PROJECT:

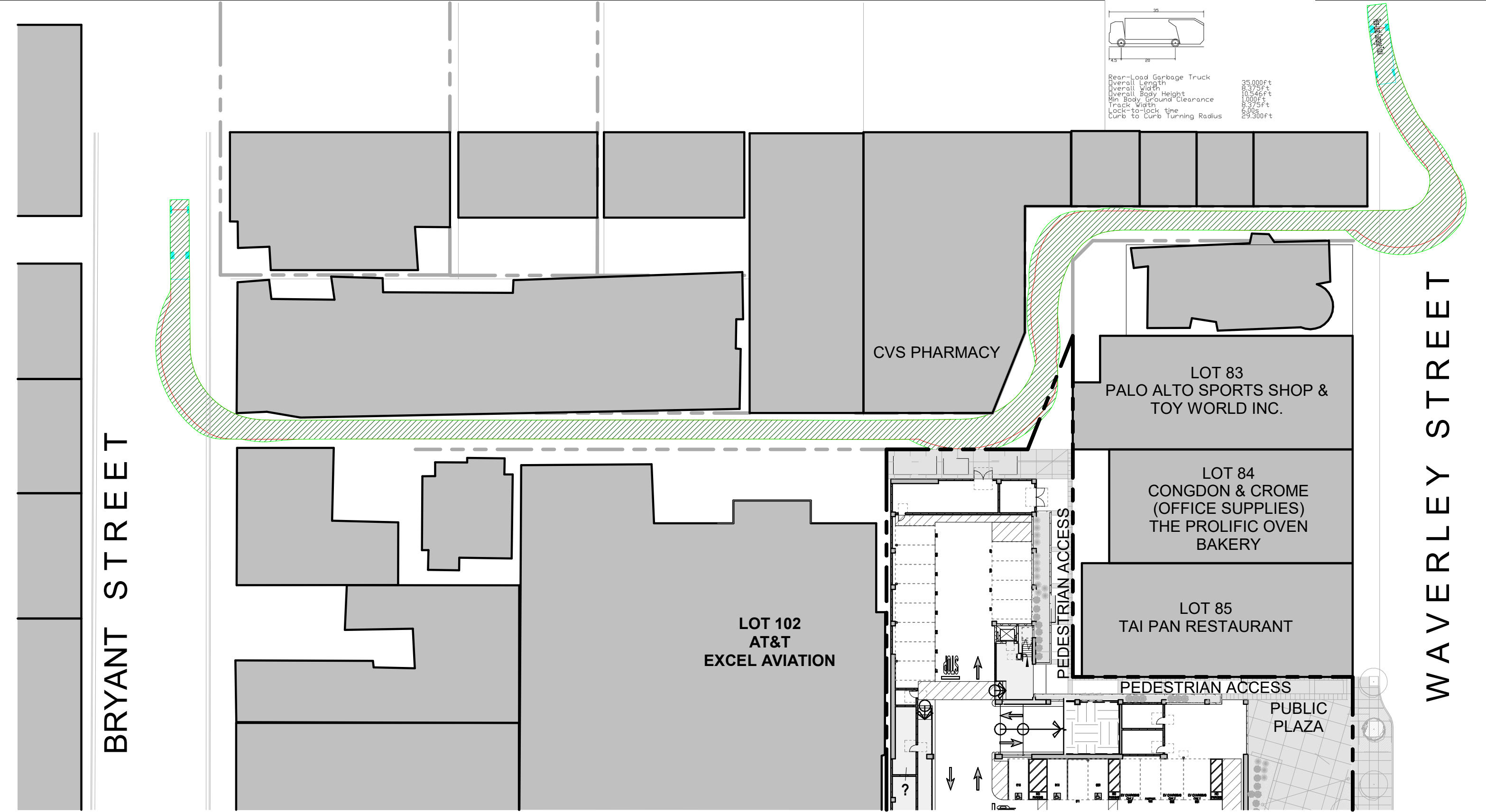
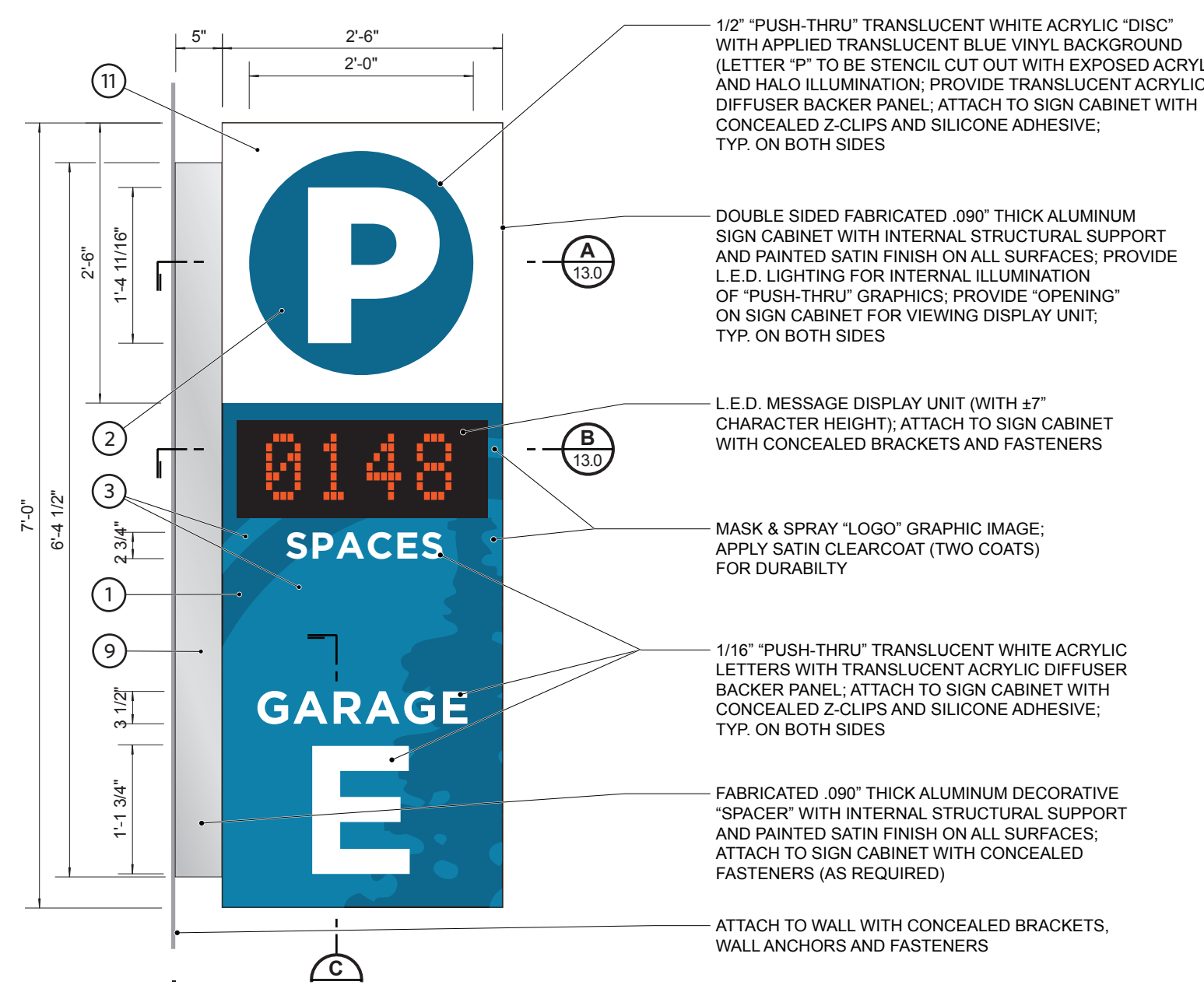
Table with columns: SERIES, LENGTH, LUMENS, CRI, CCT, SHIELDING. Includes sub-tables for SERIES and SHIELDING.

- OPTIONS
See page 2 for FINISH OPTIONS.
EM10WLP Low profile 10-watt emergency battery
EM10WRM Remote mount 10-watt emergency battery with recessed test switch
EM10WRMRTS Remote mount 10-watt emergency battery with recessed test switch
Additional lower lumen packages available
Example: 5,000 nominal lumens
75L-4-165-835-455 18-gauge white powder coat wireguard
WG-75 18-gauge white powder coat wireguard
315 1 1/2\"/>

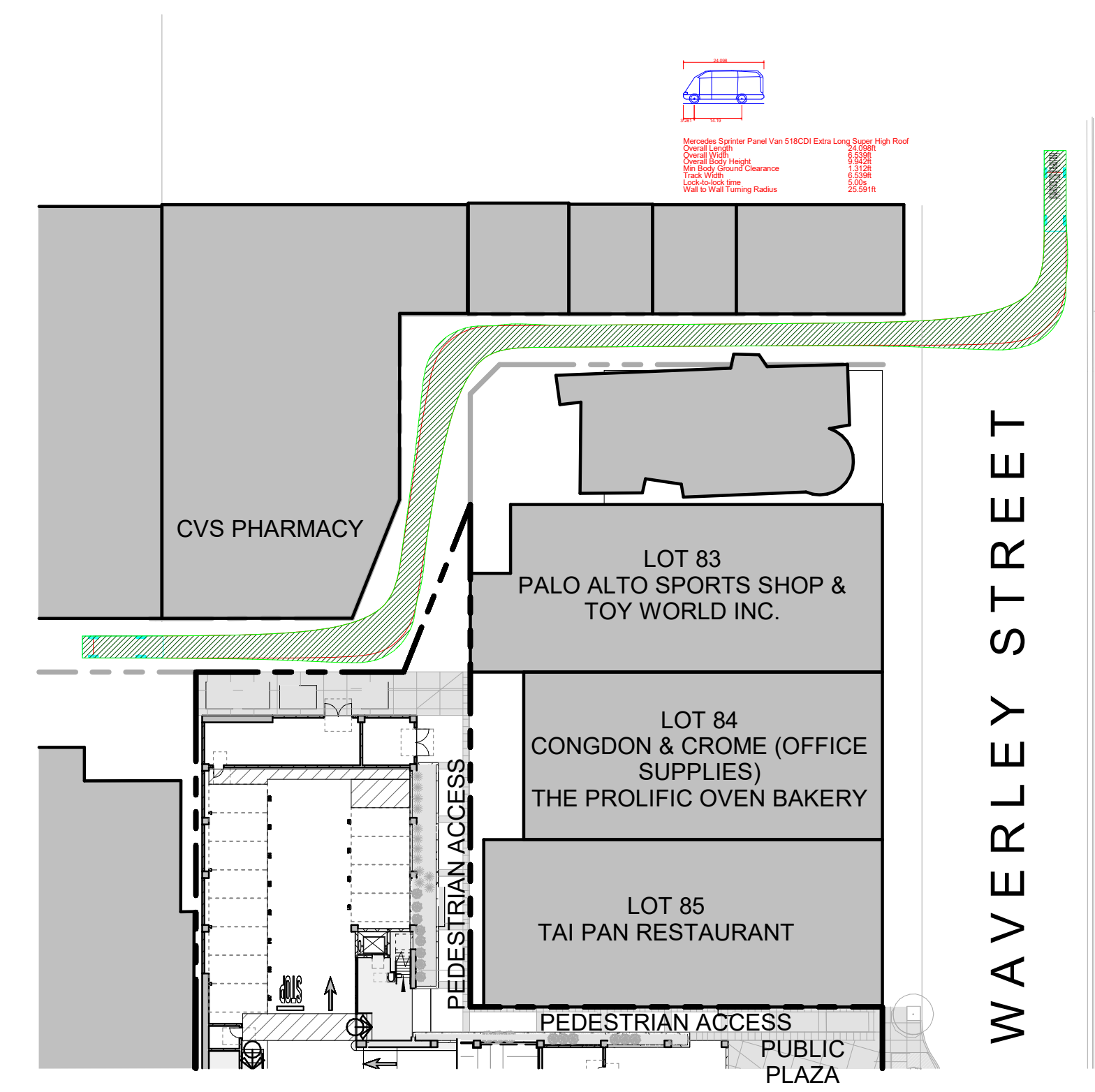
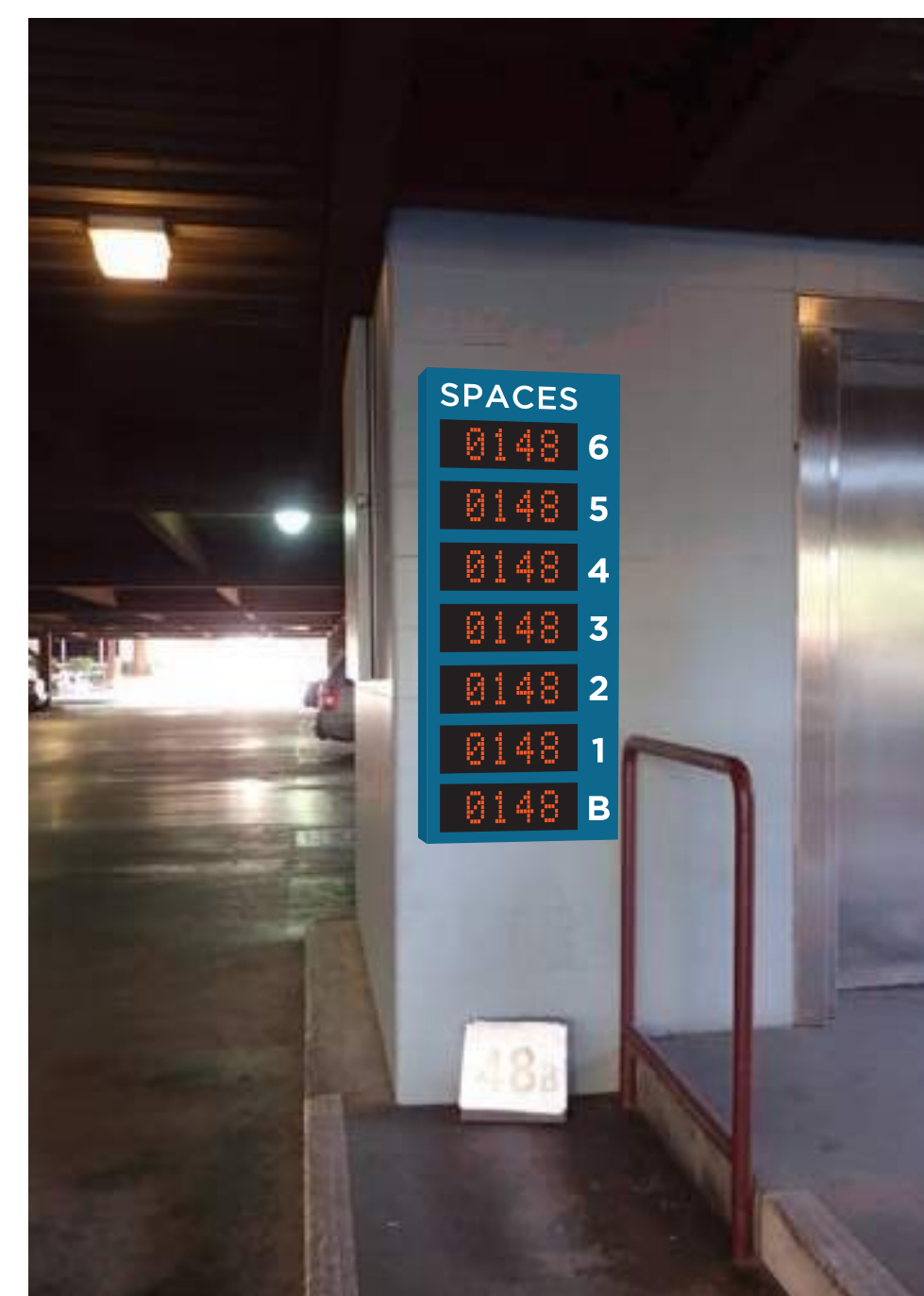
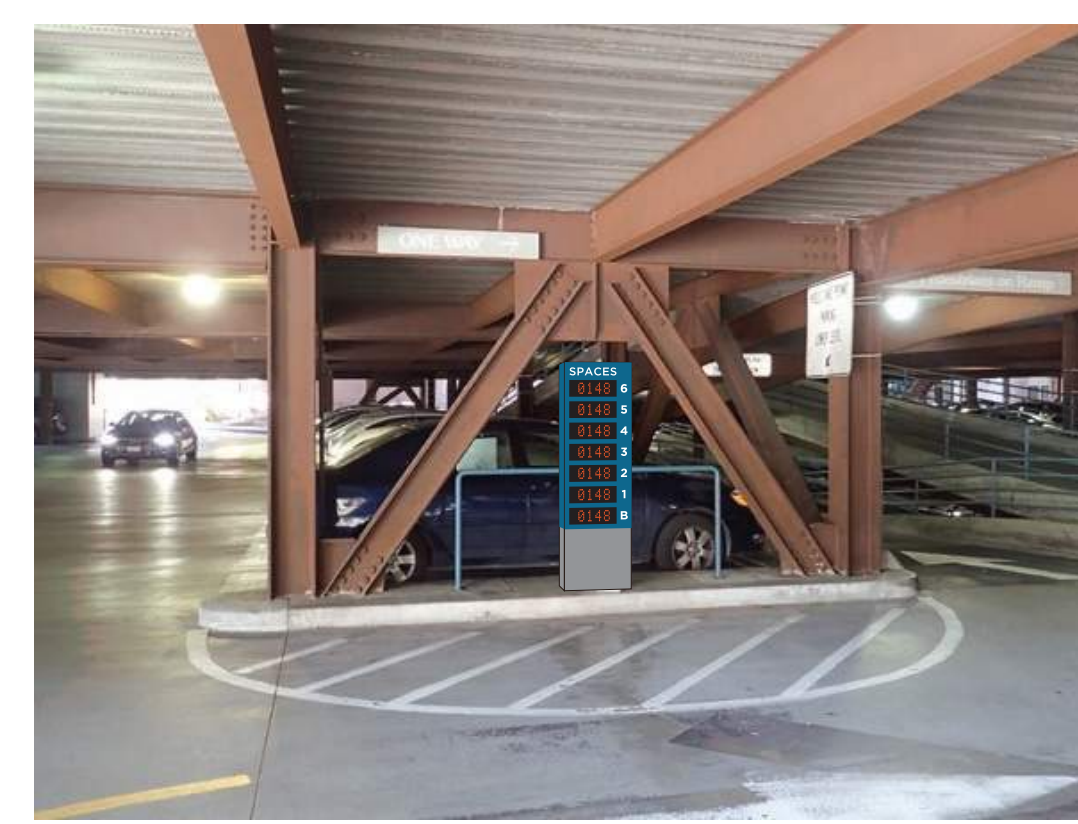
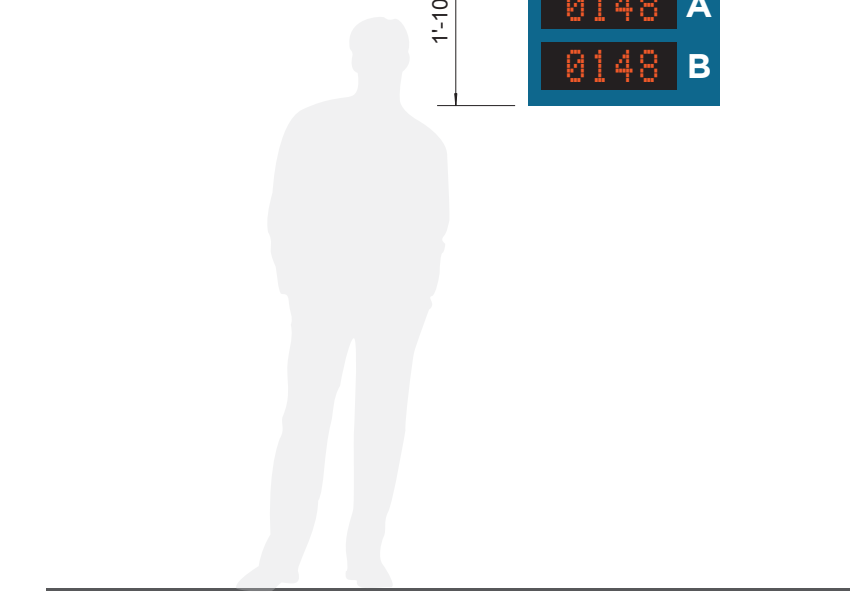
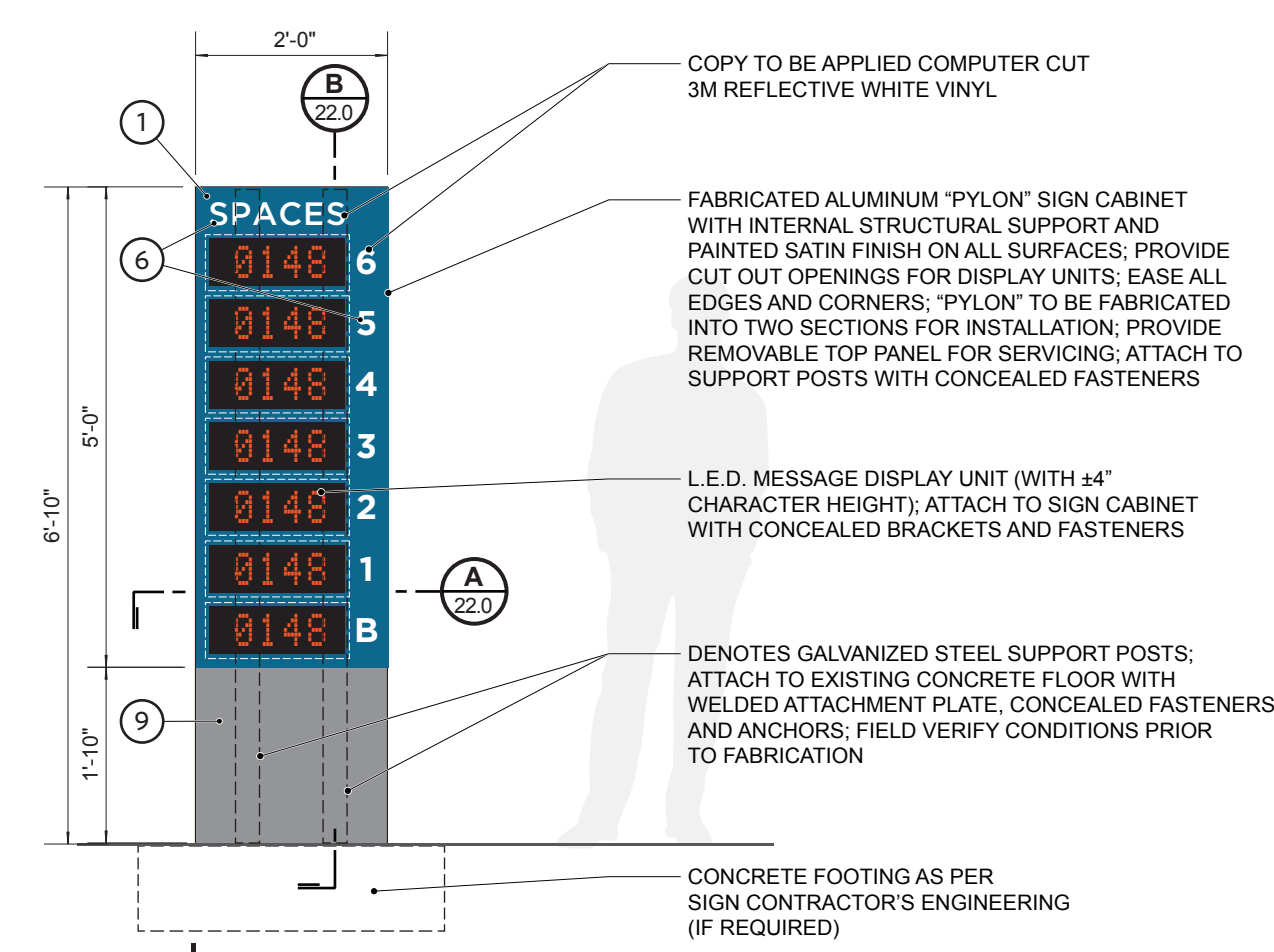
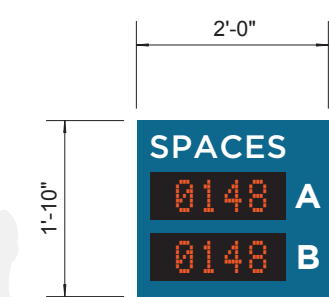
- OPTIONAL LOWER LUMEN PACKAGES AVAILABLE
Example: 5,000 nominal lumens
75L-4-165-835-455 18-gauge white powder coat wireguard
WG-75 18-gauge white powder coat wireguard
315 1 1/2\"/>

- CONTROL
Click HERE for linear control and sensor options.
Click HERE for industrial control and sensor options.
- None

- NOTES
1. Lumen output based on CMAA shielding, 80 CRI, 3500K for static white and 4000K for tunable white. Actual performance may vary +/-5%, see page 2 for FIXTURE PERFORMANCE DATA.
2. Additional lumen packages available, see options.
3. Ships with 2' of lenses.
4. Static white CCT only.
5. Static white CCT only.
6. Static white CCT only.
7. Remote EM batteries may require distance 50' including suspension length. Large remote box provided. Specify CEC in the option code when California Energy Commission regulations are required. See page 3 for REMOTE MOUNT BATTERY DETAILS.
8. Not available with 2' fixtures, 4' L80 or 8' L160 lumen packages.

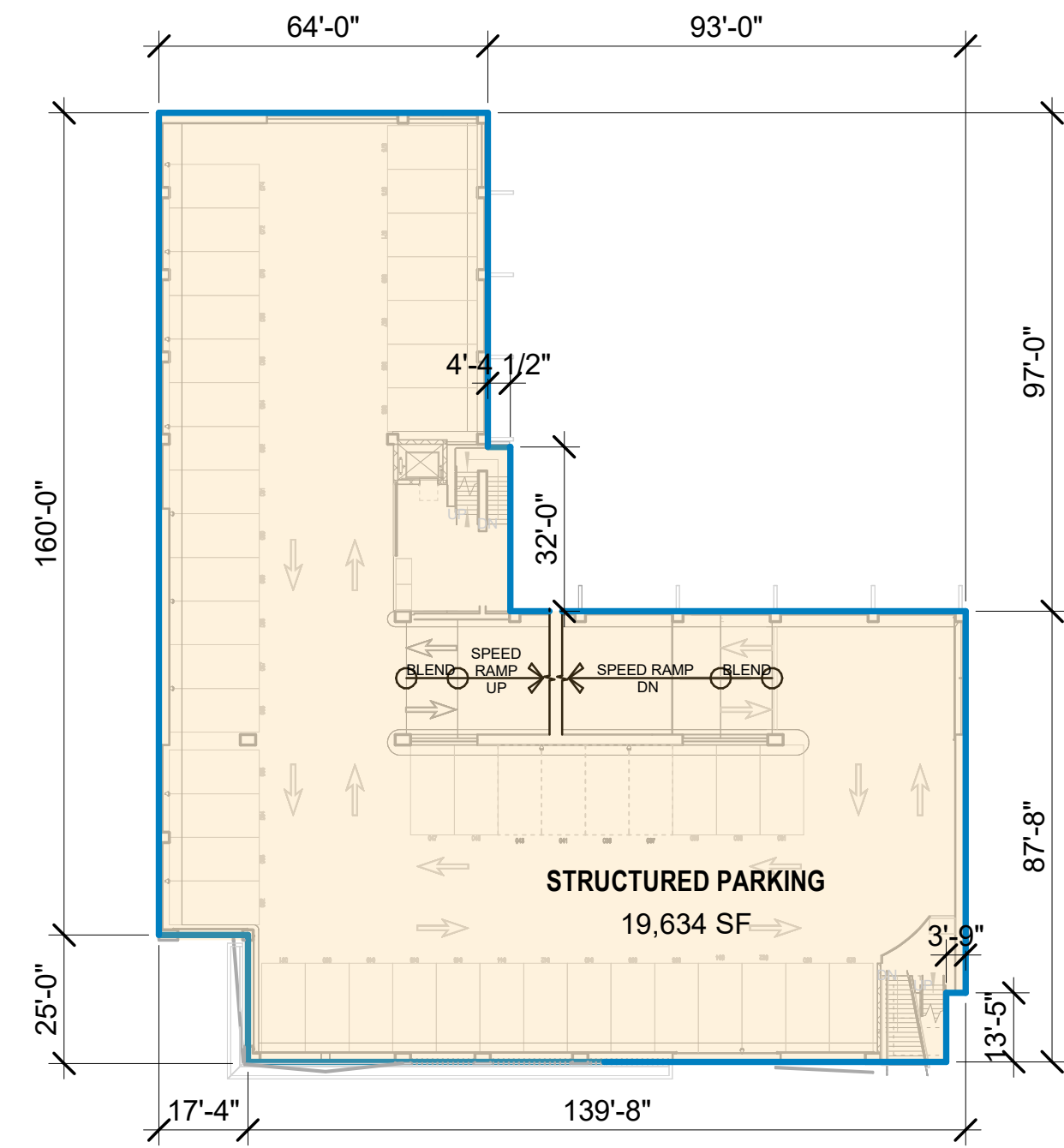


REFUSE TRUCK TURN ARC

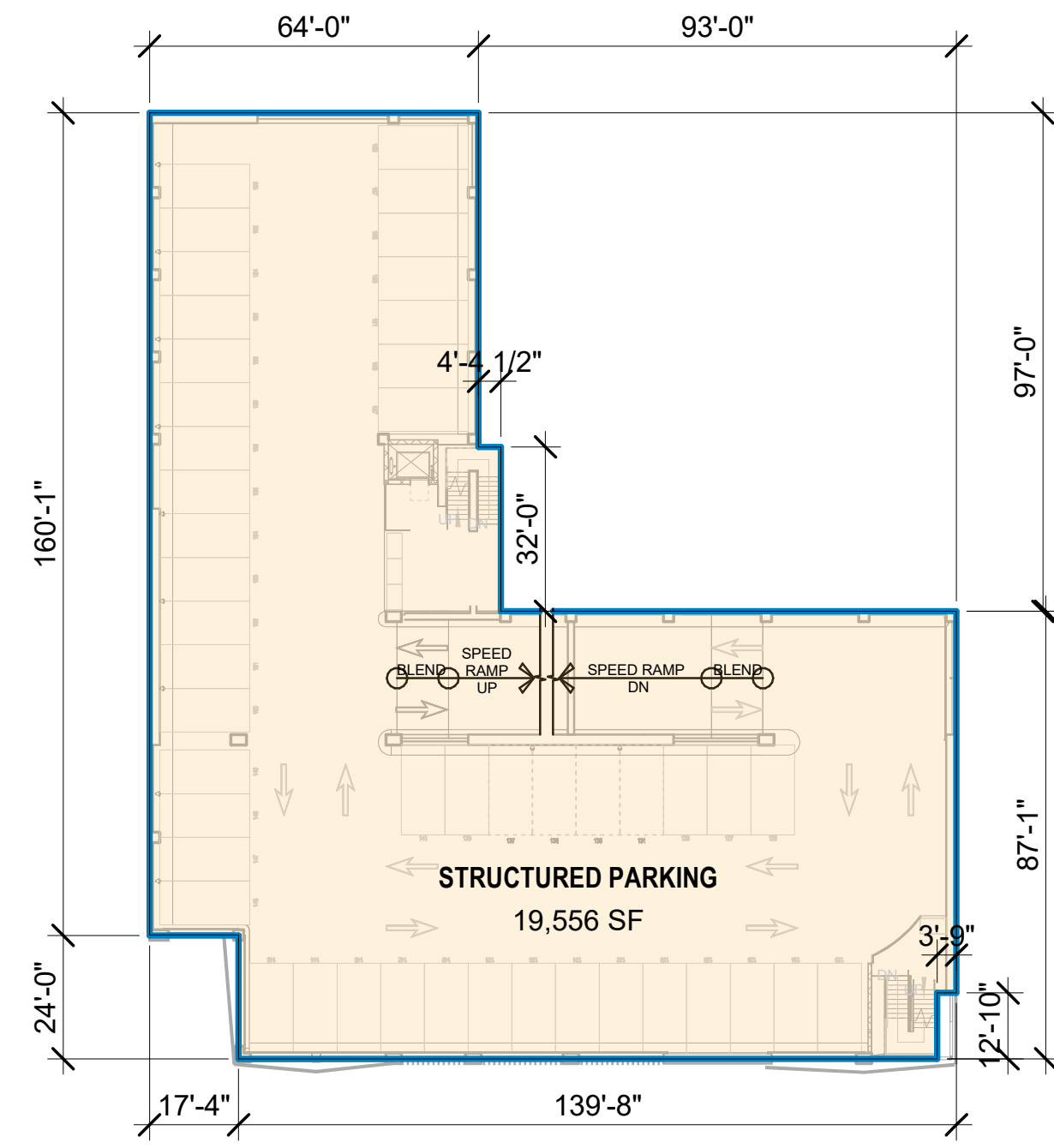


DELIVERY VEHICLE TURN ARC

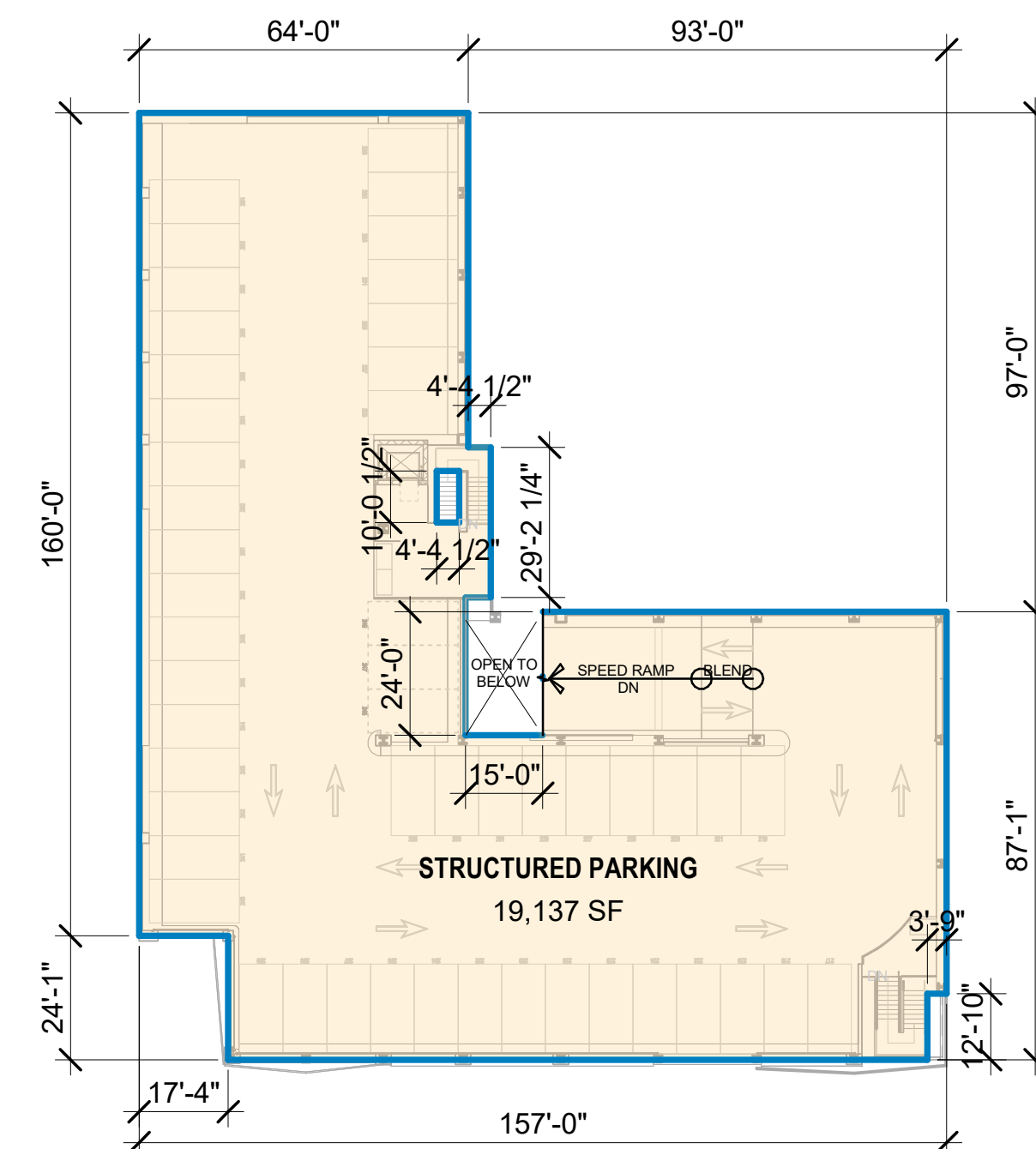
**PARKING GUIDANCE SYSTEMS**  
 Stall indicators and parking guidance signs will be used throughout the structure as part of the City's parking infrastructure development. Dynamic signage will mitigate any impact of dead end parking area.



**2** LEVEL 02  
ARB 6.2 1/32" = 1'-0"



**4** LEVEL 04  
ARB 6.2 1/32" = 1'-0"



**6** LEVEL 06  
ARB 6.2 1/32" = 1'-0"

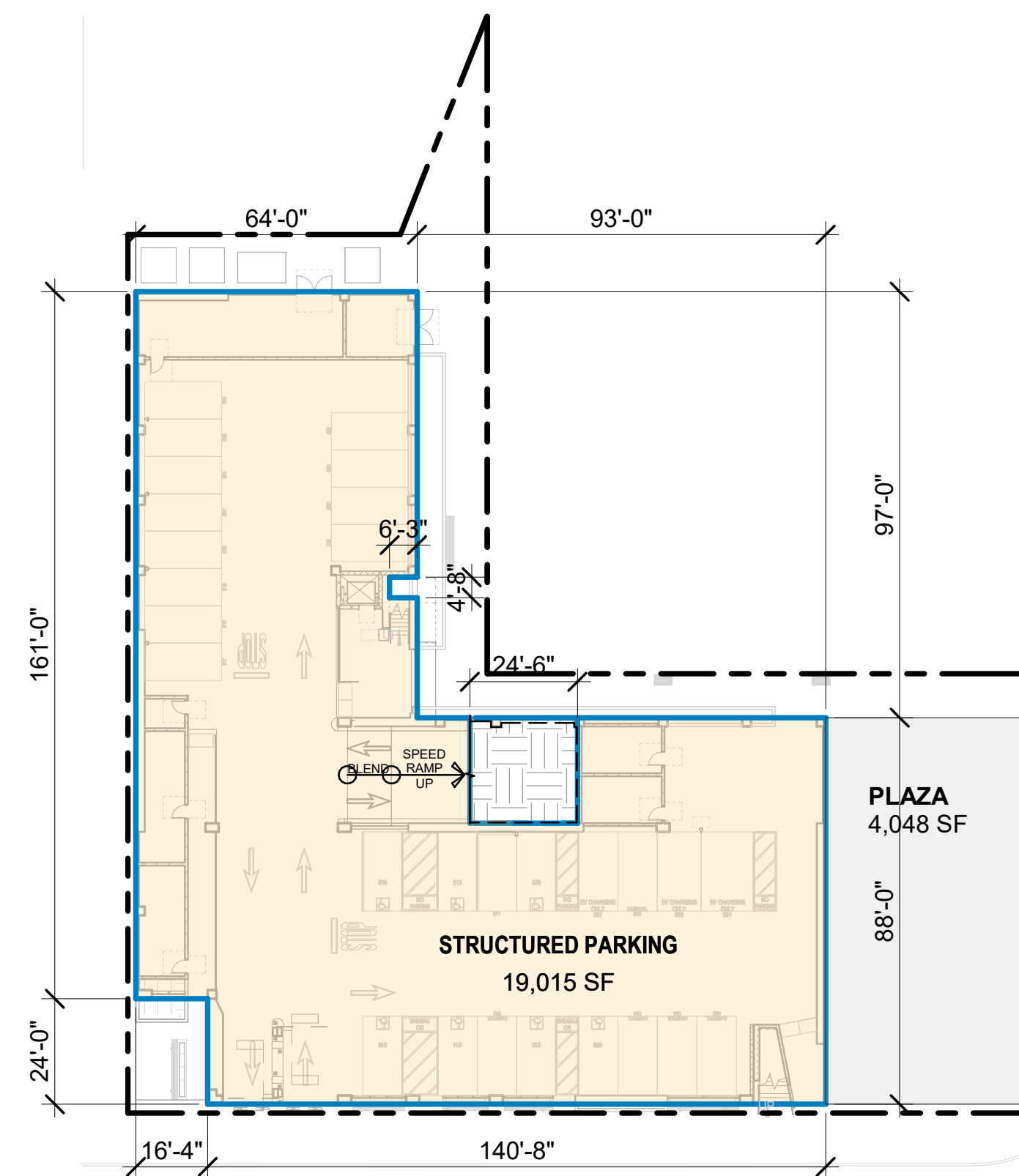
**AREA SUMMARY**

LEVEL	SQ FOOTAGE
LEVEL 06	19,137
LEVEL 05	19,555
LEVEL 04	19,556
LEVEL 03	19,555
LEVEL 02	19,634
LEVEL 01	19,015
	116,450

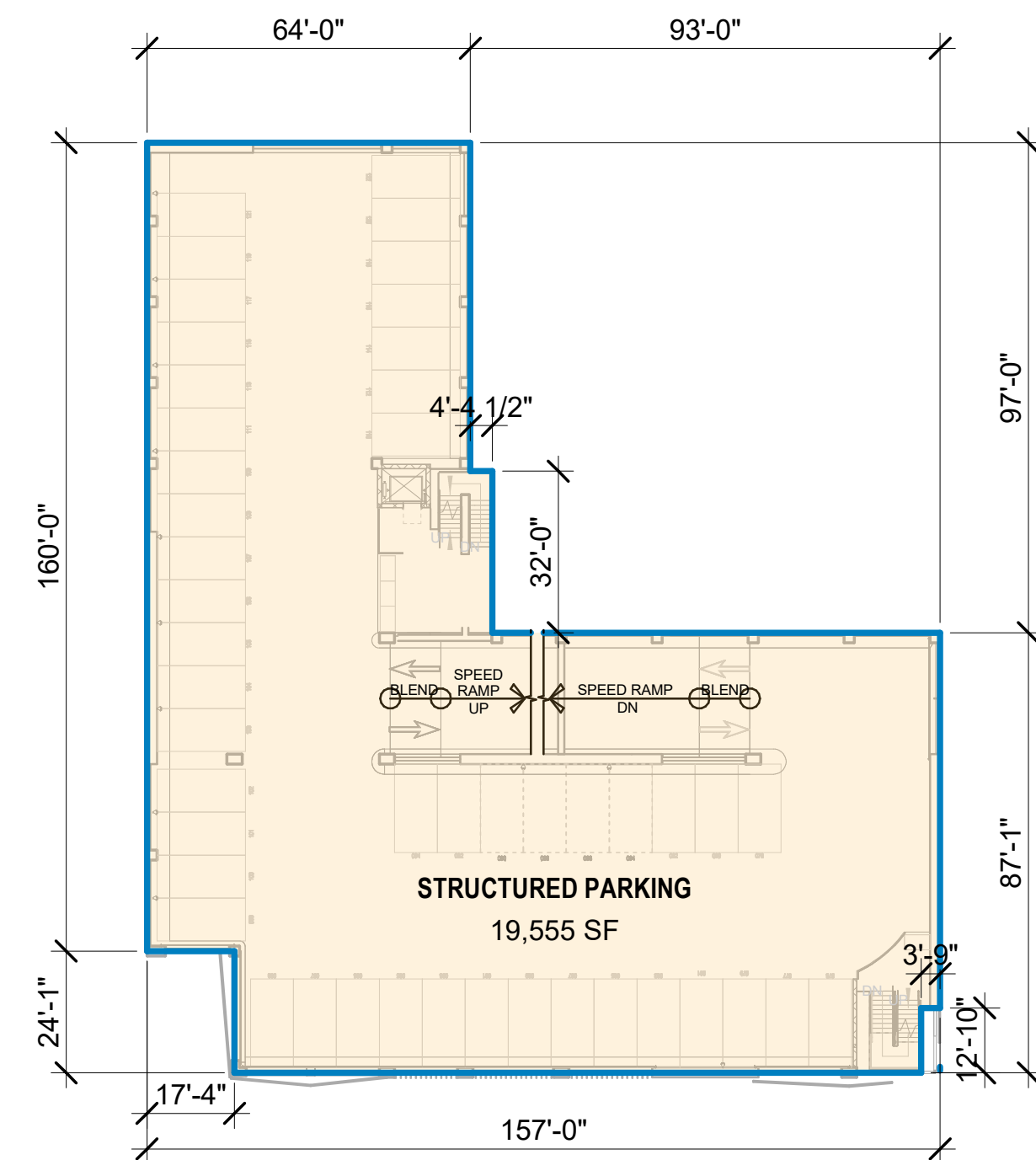
**F.A.R. ANALYSIS**

**F.A.R. LIMITS**  
LOT AREA: 29,164 SF  
MAX. F.A.R.: NO REQUIREMENT

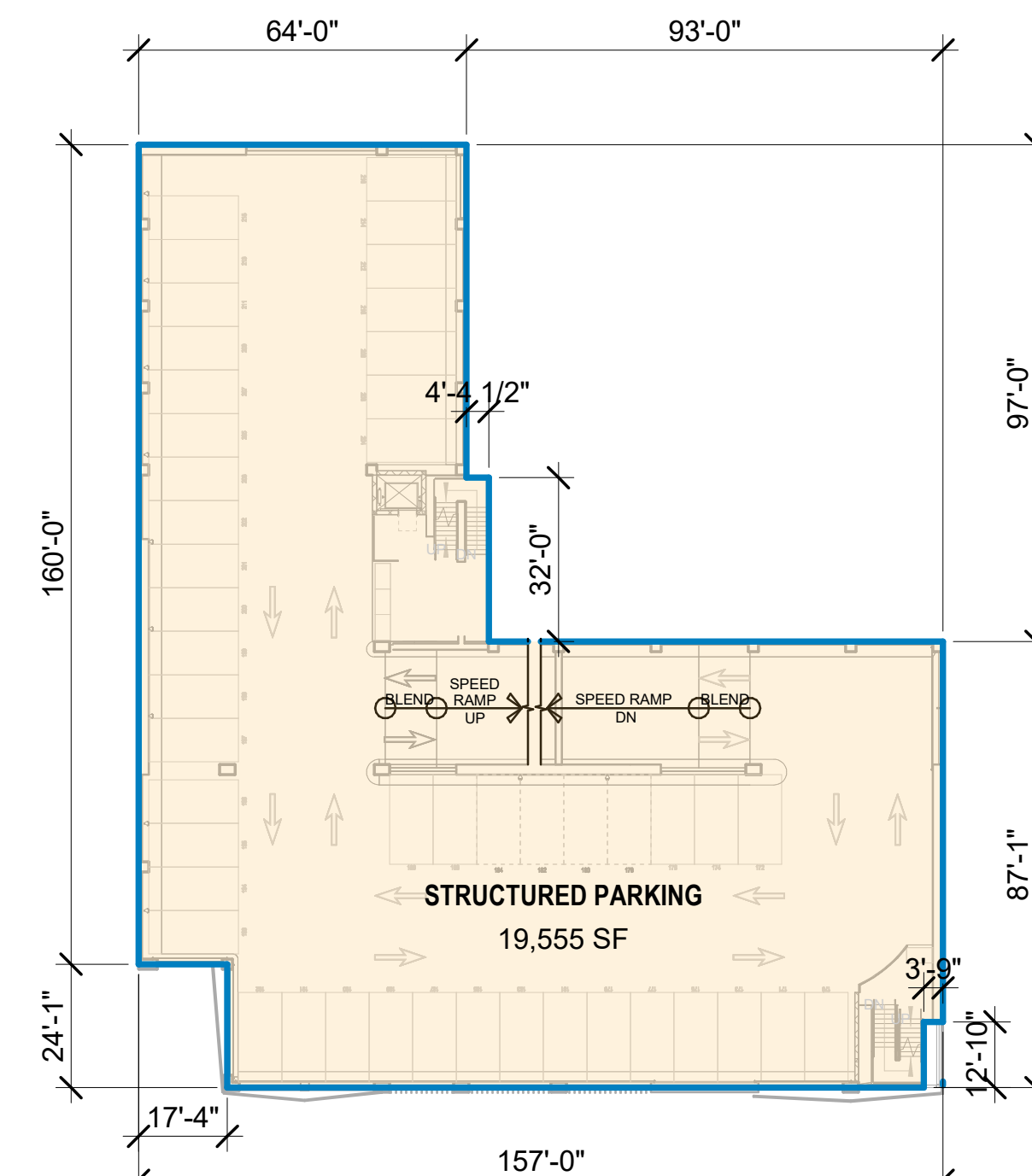
**F.A.R. PROPOSED**  
PROPOSED LOT COVERAGE (INCLUDES PLAZA): 23,063 SF (79.08%)  
GROSS BUILDING AREA: 116,450 SF  
PROPOSED FLOOR AREA RATIO (FAR): 3.99



**1** LEVEL 01  
ARB 6.2 1/32" = 1'-0"



**3** LEVEL 03  
ARB 6.2 1/32" = 1'-0"




**5** LEVEL 05  
ARB 6.2 1/32" = 1'-0"

Code Section	Y	Plan Sheet, Spec or Attachment Reference	Compliance Path Verification																	
			Plan Check		Rough GB Inspection IVR # 152		Final Inspection IVR # 153													
			CORR	INITIAL	CORR	INITIAL	CORR	INITIAL												
<b>5.1 Planning and Design</b>																				
Mandatory		Deconstruction and Reuse of Existing Structures: Embodied Carbon requirements for projects ≥ 25,000 square feet [AA] (Project must choose one embodied carbon compliance pathway: 5.105.1, 5.409.2, or 5.409.3)																		
Mandatory		Reuse of existing building for projects ≥ 25,000 square feet [AA] and verification of compliance in plans (1 of 3 Embodied Carbon compliance pathways: 5.105.1, 5.409.2, 5.409.3)																		
Mandatory		Storm water pollution prevention for projects that disturb < 1 acre of Land [N][AA]																		
Mandatory		Stormwater pollution prevention for projects that disturb 1 or more acres of land																		
Mandatory		Local storm water pollution prevention																		
Mandatory		Best management practices (implement erosion/sediment control BMPs to prevent soil loss)																		
Mandatory		Bicycle parking for additions or change of use that results in increased vehicle parking (locally amended)																		
Mandatory		Short term bicycle parking (exception for additions or alterations which add nine or less visitor vehicular parking spaces)																		
Mandatory		Long term bicycle parking																		
Mandatory		Additions or alterations to existing buildings or parking facilities: Existing buildings or parking areas without previously installed EV capable infrastructure [AA]																		
Mandatory		Additions or alterations to existing buildings or parking facilities: Existing buildings or parking areas with previously installed EV capable infrastructure [AA]																		
Mandatory		Tier 2 Mand: Designated parking - 50% of Parking Capacity																		
Mandatory		Tier 2 Mand: Electric Vehicle (EV) Charging for nonresidential structures: Comply with Tier 2 EV Charging Infrastructure Requirements in Table AS.106.5.3.3 or AS.106.5.3.4																		
Mandatory		Electric vehicle (EV) charging: medium-duty and heavy-duty (grocery stores, retail, office buildings, manufacturing facilities, and warehouse buildings with planned off-street loading spaces) [N]																		
Mandatory		Light pollution reduction (locally amended)																		
Mandatory		Grading and paving: Indicate how site grading or drainage systems will manage all surface water flows (exception for additions and alterations not altering the drainage path)																		
Mandatory		All-electric: Full electrification is required for outdoor grills, outdoor stoves, outdoor barbecues																		
Mandatory		Tier 2 Mand: Cool roof for reduction of heat island effect																		
Electives (Choose 3)		Community connectivity (Proximity to basic services, readily accessible by pedestrians)																		
Electives		Brownfield or grayfield site redevelopment or infill area development																		
Electives		Deconstruction and Reuse of Existing Structures: Embodied Carbon for projects not subject to local amendments																		
Electives		Reuse 75% of the existing building primary structural elements and maintain 30% of existing interior nonstructural elements [AA]																		
Electives		Storm water design (in accordance with AS.106.3)																		
Electives		Low impact development (LID)																		
Electives		Gravel or inert site (Manage 40% of average rainfall on impervious surfaces on site)																		
Electives		Changing rooms (Buildings with over 10 tenant-occupants, provided changing/shower facilities in accordance with Table AS.106.4)																		
Electives		Parking capacity (Meet but not exceed local zoning requirements)																		
Electives		Reduce parking capacity (Reduce on-site parking w/ approval by enforcement authority)																		
Electives		Exterior wall shading: Fenestration- East and west walls																		
Electives		Exterior wall shading: Fenestration- South walls																		
Electives		Exterior wall shading: Opaque wall areas																		
Electives		Heat island effect: Hardscape alternatives (Use strategies for 50% of site hardscape or put 50% of parking underground)																		
Electives		Shade Trees (Comply with 5.106.12 Shade Trees)																		
Electives		Red Friendly design [N][AA]																		
<b>5.2 PAMC 16.17 Energy Reach Code</b>																				
Mandatory		Electric Readiness for New Construction and Substantial Remodels: Electric readiness is required for 1) quick-service commercial and institutional commercial kitchens and 2) all other systems using gas or propane [Effective upon approval by the California Energy Commission (CEC)]																		
<b>5.3 Water Efficiency and Conservation</b>																				
Mandatory		Meters: separate submeters or metering devices shall be installed as follows: [N][AA]																		
Mandatory		New buildings or additions in excess of 50,000 square feet [N][AA]																		
Mandatory		Excess consumption (Submeters or metering device for additions that consume over 1,000 gal/day) [N][AA]																		
Tier 2 Mand		Indoor Water Use: Water closets (maximum 1.28 gpf)																		
Mandatory		Indoor Water Use: Wall-mounted urinals (maximum 0.125 gpf)																		
Mandatory		Indoor Water Use: Floor-mounted urinals (maximum 0.9 gpf)																		
Mandatory		Indoor Water Use: Single showerhead (maximum 1.8 gpm at 80 psi)																		
Mandatory		Indoor Water Use: Multiple showerheads serving one shower (maximum 1.8 gpm at 80 psi or allow only one shower outlet in ops)																		
Mandatory		Indoor Water Use: Nonresidential lavatory faucets (maximum 0.5 gpm at 60 psi)																		
Mandatory		Indoor Water Use: Kitchen faucets (maximum 1.8 gpm at 60 psi as default but may temporarily reach a max of 2.2 gpm at 60psi)																		
Mandatory		Indoor Water Use: Wash fountains (maximum 1.8 gpm at 60 psi)																		
Mandatory		Indoor Water Use: Metering faucets (maximum 0.2 gallons/cycle)																		
Mandatory		Indoor Water Use: Metering faucets for wash fountains (maximum 0.2 gallons/cycle)																		
Mandatory		Commercial kitchen equipment: Food waste disposers (maximum 1 gpm when disposer is not in use or automatically shut off all indoor water use: Areas of addition or alteration (meet applicable CALGreen 5.303 and 5.304 plumbing fixtures and fittings shall: <b>Use plumbing (locally amended)</b> )																		
Mandatory		1 remodels greater than 10,000 sq ft or installation of 25 or more toilets/urinals within boundaries of recycled water project area																		
Mandatory		2 remodels greater than 50,000 sq ft or installation of 50 or more toilets/urinals outside boundaries of recycled water project area																		
Mandatory		Indoor Water Use: Standards for plumbing fixtures and fittings (trial in accordance with CA Plumbing Code)																		
Mandatory		Recycled water supply systems																		
Mandatory		Invasive species prohibited																		
Mandatory		Nonresidential enhanced water budget required when building is anticipated to use > 1,000 gal/day																		
Mandatory		Cooling Tower Water Use (locally amended)																		
Electives		Indoor Water Use reduction - 25%																		
Electives		Nonpotable water systems for indoor water use																		
Electives		Appliances and fixtures for commercial application (Meet applicable appliance standards of AS.303.3)																		
Electives		Nonwater supplied urinals																		
Electives		Outdoor Water Use: Restoration of areas disturbed by construction																		
Electives		Outdoor Water Use: Previously developed sites: restore or protect 50 % of site area																		
Electives		Outdoor Water Use: Graywater irrigation system																		
Electives		Nonpotable water systems (For indoor and outdoor water use, comply with CA Plumbing Code)																		
Electives		Recycled water systems																		
<b>5.4 Material Conservation and Resource Efficiency</b>																				
Tier 2 Mand		Low Carbon Concrete (locally amended)																		
Tier 2 Mand		Recycled content: 15% of materials based on estimated total cost or two products from Table AS.405.4.1 for 75% by cost																		
Mandatory		Moisture Control: Flashing																		
Mandatory		Construction Waste Reduction (locally amended)																		
Mandatory		Construction waste management plan in Green Halo																		
Mandatory		Waste management company: Utilize W/M Company which can provide verifiable documentation of C&D diversion percentage																		
Mandatory		Waste stream reduction alternative																		
Mandatory		Construction Waste Documentation																		
Mandatory		Universal Waste (disposed of properly and diverted from landfills) [AA]																		
Mandatory		Excavated soil and land clearing debris (100% reuse or recycle)																		
Mandatory		Whole building life cycle assessment (LCA) (1 of 3 Embodied Carbon compliance pathways: 5.105.1, 5.409.2, 5.409.3)																		
Mandatory		Product GWP compliance—prescriptive path (1 of 3 Embodied Carbon compliance pathways: 5.105.1, 5.409.2, 5.409.3)																		
Tier 2 Mand		Enhanced construction waste reduction																		
Tier 2 Mand		80% Diversion w/ 50 valuation <\$25,000, less than \$25,000 must meet state standards of 65%																		
Mandatory		Recycling by occupants (with exceptions)																		
Mandatory		Commissioning (≥ 10,000 SF) [N]																		
Mandatory		Commissioning plan [N]																		
Mandatory		Functional performance testing [N]																		
Mandatory		ENERGY STAR Portfolio Manager profile setup (for projects exceeding \$100,000 in value)																		
Mandatory		Performance Review: For projects over 10,000 SF																		
Mandatory		Performance Review (For sites > 1 acre)																		
Mandatory		Documentation and Training: Systems manual																		
Mandatory		Documentation and Training: Systems operations training [N]																		
Mandatory		Commissioning report [N]																		
Mandatory		Testing and adjusting for new buildings < 10,000 SF or new systems that serve additions or alterations [N][AA]				</														

# 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 preservation report must be added to this sheet when project activity occurs within the TPZ of a protected tree.**  
For detailed information on Palo Alto's protected trees and tree protection during development, review the **City's Tree and Landscape Technical Manual (TLTM)** found at [www.cityofpaloalto.org/trees](http://www.cityofpaloalto.org/trees) \*



**TREE DISCLOSURE STATEMENT**  
**THIS FORM MUST BE COMPLETED BY A CERTIFIED ARBORIST**

For ADU only & EVSE only projects, this form may be filled out by applicant.  
For OTC permits, a City Staff Arborist may assist the applicant if needed.

**CITY OF PALO ALTO**  
Urban Forestry Section  
Development Review  
trees@cityofpaloalto.org 650-496-5953

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 tree disclosure statement must accompany all applications for development that include exterior work, all demolition or grading permit applications, or other development activity that may impact protected trees.

**PROPERTY ADDRESS:** 375 Hamilton Ave.

1. Are there any trees over 4" in trunk diameter being proposed for removal?  YES  NO

2. Are there Protected trees on the property or on adjacent property within 30 feet of the proposed building footprint/ area of work?  YES (continue form)  NO (proceed to question 6)

3. Where are the trees located? Check all that apply. (Plans submitted must show all trees over 4" in diameter)

On the property or in the adjacent public right-of-way\*\* and within 30 feet of the proposed building footprint or  
 On adjacent property within 30 feet of proposed building footprint/area of work or  
 Close enough that its canopy overhangs the project site

\*\*Street trees on the property or within 30ft of proposed work require special protection by a fenced enclosure per the instructions on the T-1 Sheet. Prior to beginning any work, you must schedule a Street Tree Protection Verification inspection by calling Public Works Operations at 650-496-5953 for an inspection of any required type I, II or III fencing (see attached Detail #605). NOTE: ADU only projects (including Table 1/5B9) are not exempt.

4. Are there any Protected Native Species Trees, Protected Mature Trees, Heritage Trees, or Designated Trees ?

YES (Check below)  NO

Protected Native Species Trees - *Acer macrophyllum*, *Calocedrus decurrens*, *Quercus agrifolia*, *Quercus douglasii*, *Quercus kelloggii*, or *Quercus lobata* 11.5" DBH or more or *Sequoia sempervirens* 18" DBH or more  
 Protected Mature Trees - Any tree equal to or greater than 15" DBH (Excluding *invasive species and high water users*)  
 Designated Trees - Mitigation trees or commercial and non-residential property trees, which are part of a previously approved landscape plan  
 Heritage Trees - Specific individual trees designated by Council. See the [Heritage Tree List](#)


5. Is there activity or grading within the TPZ of these trees? TPZ= radius of 10 times the diameter.  YES  NO

If Yes, a Tree Preservation Report must be prepared by an ISA certified arborist and submitted for staff review (see TLTM, Section 5.03.3). Attach this report to Sheet T-2, "Tree Protection, its Part of the Plan!", per Site Plan Requirements.\*

6. Are the Site Plan Requirements completed? (See below)  YES  NO

\*For ADU Only & EVSE Projects: this form may be filled out by the applicant instead of by a certified arborist. A "Yes" answer to question 5 for Table 1 ADU projects, garage conversions, or EVSE projects will not require a Tree Preservation Report. Table 1/5B9 projects are not exempt from tree disclosure.  
For All Projects the following is required: Plans (drawn by architect, contractor, or arborist) must show the tree species, measured trunk DBH, canopy dripline, and TPZ of each tree 4" DBH or larger. ADU only & EVSE projects may indicate tree species and tree diameter sizes are estimated/approximate.  
For Projects with Trees Requiring Tree Protection: the following is required: 1) Plans (drawn by architect, contractor, or arborist) must show the measured trunk DBH and TPZ of each Protected Tree; 2) Plans must denote, as a bold dashed line, a fenced enclosure containing the TPZ per Sheet T-1 and Detail #605 (See also TLTM 2, Section 3.03 for additional information).  
For Projects with Activity or Grading Within the TPZ of a Protected Tree, A Tree Preservation Report is required and must be included in the T-1 set.

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. (Note: Applicants signing for ADU only & EVSE projects will not be penalized for incorrect reporting of tree size or miss-identification of tree species.)

Signature:  Print: Molly Batchelder WE 9613A ISA#: \_\_\_\_\_ Date: 1/20/26

1 Protected Trees - Includes any trees belonging to the following categories: a) Public Trees (Street Trees) - Trees growing in the city right of way or on public property; b) Protected Native Species Trees - Bigleaf Maples, Incense Cedars, Coast Live Oaks, Blue Oaks, CA Black Oaks or Valley Oaks which are 11.5" in diameter or larger and Coast Redwoods which are 18" in diameter or larger, when measured 54" above natural grade; c) Protected Mature Trees - All other species of trees with DBH of 15" or larger when measured 54" above natural grade (Excluding *invasive species and high water users*); d) Heritage Trees - Individual trees designated by City Council (See [Heritage Tree List](#)); and e) Designated Trees - mitigation trees or commercial and non-residential property trees, which are/were part of an approved landscape plan.

2 Palo Alto Tree and Landscape Technical Manual (TLTM) contains instructions for all requirements on this form. It is available on our website at: <https://www.cityofpaloalto.org/treordinance>

Revised 03/31/2025

## PROJECT SPECIFIC REQUIREMENTS

**TO BE FILLED OUT BY APPLICANT AT DIRECTION OF URBAN FORESTRY STAFF**

The following conditions, inspection schedules or reporting requirements will be required when checked by city staff during Urban Forestry Review of development applications.

**PSR1 - TREE PROTECTION VERIFICATION INSPECTION REQUIRED:** Prior to any site work, contractor must call Urban Forestry at 650-496-5953 to schedule an inspection of any required protective fencing. The fencing shall contain required warning signs and remain in place until completion of urban forestry final inspection.

**PSR2 - MWELO INSPECTION REQUIRED:** Prior to building final, applicant must contact Urban Forestry at trees@cityofpaloalto.org for landscape final (MWELO Inspection). Schedule inspection once irrigation and landscaping are installed to plan, and irrigation controller schedule is programed. See MWELO guidelines for details on any required third-party water audits.

**PSR3 - TREE PERMIT REQUIRED:** Plans indicate that protected trees will be removed as part of this project. Please contact the Urban Forestry review staff for the project or email trees@cityofpaloalto.org to obtain a Protected Tree Removal Permit to ensure that the project complies with PAMC 8.10.050.

**PSR4 - PROJECT ARBORIST:** The property owner or contractor shall hire a designated arborist to ensure the project conforms to all Planning and Urban Forestry conditions related to landscaping/trees. The project arborist must be included in a mandatory pre-construction meeting and be present during any rough grading and trenching activities occurring within 10-feet of a TPZ and any approved activities inside the TPZ.

**PSR5 - PROJECT ARBORIST CERTIFICATION FORM:** When required, project arborists must submit an online form [<https://us.openforms.com/Form/2262bf1a-c26f-4c04-8daa-15dbd9c8e08e>] certifying that they have reviewed the building permit plan set with regards to trees as well as any Urban Forestry Conditions of Approval, and that all requirements have been met. The letter also confirms that any required site monitoring inspections and reporting have been arranged in advance with the contractor or owner. Project Arborist Certification Forms should be included as supporting documents when submitting an application for a building permit that required prior approval through Planning (See Project Arborist Certification Form, TLTM Section 5.03.5).

**PSR6 - MONTHLY ARBORIST INSPECTIONS:** The project arborist shall perform monthly inspections to monitor changing conditions and tree health. The Urban Forester shall be in receipt of an inspection summary during the first week of each calendar month or, immediately if there are any changes to the approved plans or protection measures. Reports should be submitted via the online form [<https://us.openforms.com/Form/ca5003f1-6836-4789-b534-b4dff1d457b1>] (see Tree Monitoring Reports, TLTM Section 5.03.6).

**PSR7 - SPECIAL ACTIVITY WITHIN THE TREE PROTECTION ZONE:** Work in this area (TPZ) of a protected tree requires the direct on-site supervision by the project arborist (see Trenching and Excavation, TLTM Section 3.03.6-B5,6).

**PSR8 - SPECIAL ACTIVITY WITHIN STREET TREE TREE PROTECTION ZONE:** Work in this area (TPZ) of a city tree requires an inspection by a city staff arborist before cutting of any roots greater than 2 inches in diameter. It is highly recommended that the project arborist provides the direct on-site supervision (see Trenching and Excavation, TLTM Section 3.03.6-B5,6).

## URBAN FORESTRY STANDARD CONDITIONS

The following conditions and/or standard Municipal Code requirements apply to all projects unless otherwise specified in project specific checklists or conditions of approval. Any applicable items shall be addressed in any permit application such as a Building Permit, Excavation and Grading Permit, Certificate of Compliance, Street Work Permit, Encroachment Permit, etc.

**URBAN FORESTRY GENERAL:** The following general tree preservation measures apply to all trees to be retained: No storage of material, topsoil, vehicles or equipment shall be permitted within the Tree Protection Zone (TPZ). The ground under and around the tree canopy area shall not be altered. No waste material or construction byproducts are allowed within the TPZ. Trees to be retained shall be irrigated, aerated, and maintained as necessary to ensure survival.

**TREE DAMAGE:** Tree Damage, Injury Mitigation, and Inspections apply to the Contractor. Reporting, injury mitigation measures, and arborist inspection schedule may apply pursuant to TLTM, Section 5.03.6. Contractor shall be responsible for the repair or replacement of any publicly owned or protected trees that are damaged during the course of construction, pursuant to Title 8 of the Palo Alto Municipal Code, and City of Palo Alto Tree and Landscape Technical Manual, Section 3.02.

**TPZ EXCAVATION RESTRICTIONS APPLY - TLTM, Sec. 3.03.6 - B5,6:** Any approved grading, digging, potholing, or trenching within the TPZ of a protected tree shall be performed using 'air-spade' method as a preference, with manual hand shovel as a backup. (TPZ= 10x the tree diameter at 54" above grade) For utility trenching, including sewer line, roots exposed with a diameter of 2 inches and greater shall remain intact and not be damaged. If directional boring method is used to tunnel beneath roots, then CPA Standard Detail #504 shall be printed on the final plans and the buffer distances in TLTM Table 3-4, Trenching and Tunneling Distance, shall be implemented by Contractor. Contractor must notify the Urban Forestry Section at (650) 496-5953 in advance of conducting any approved excavation within 10-feet of any street trees (or for any protected tree on EVSE projects). Urban Forestry may choose to monitor or review the work for compliance with the City's Tree Protection Zone (TPZ) excavation standards.

**TREE PROTECTION COMPLIANCE:** The owner and contractor shall implement all protection and inspection schedule measures, design recommendations, and construction scheduling as stated in the Tree Preservation Report and/or T-1 Sheet Set and is subject to code compliance action pursuant to PAMC 8.10.080. The required protective fencing shall remain in place until the final landscaping or Urban Forestry inspection of the project is completed.

**NO NET LOSS OF CANOPY:** In order to comply with the City's no net loss of canopy policy (PAMC 8.10.055; Urban Forest Master Plan Goals 6.A, 6.B, & 6.C; Comprehensive Plan, Natural Environment Chapter Goal N-2) all trees 4 inches DBH and larger are subject to replacement to avoid a loss of canopy at the neighborhood level. Replacement ratios are determined by table 3-1 in the Tree and Landscape Technical Manual, Section 3.02. New landscape tree plantings (24 inch box or larger) count towards the replacement total. Screening trees may also count toward the total depending on size and species selected. If unable to plant the required number of trees on site (our preferred solution) there is the option of paying in-lieu fees per each 24 inch box tree into the forestry fund. [Note: A replacement at ratio of 1:1 for trees listed as exempt species under PAMC 8.10.020 is recommended. Exempt trees may require full replacement on parcels zoned other than R1, RE, R-2, or RMD]

**PLAN CHANGES:** Revisions and/or changes to plans before or during construction shall be reviewed and responded to by the (a) project site arborist, or (b) landscape architect with written letter of acceptance before submitting the revision to Planning and Development Services Department for review by Planning, Public Works, or Urban Forestry.

**PLAN SET REQUIREMENTS:** The final Plans submitted for a building permit shall include the location, DBH, canopy drip-line, and TPZ of all trees 4 inches DBH or greater as well as the following information and notes on relevant plan sheets:

a. T-1 SHEET SET. The building permit plan set will include the City's full-sized, T-1 Sheet Set (Tree Protection-it's Part of the Plan!), available on the Development Center website. A certified arborist shall complete and sign the Tree Disclosure Statement.

b. TREE PRESERVATION REPORT (TPR), if indicated by Tree Disclosure Statement, All sheets of the Applicant's TPR approved by the City for full implementation by Contractor, shall be printed on numbered T-1 Sheets (T-3, T-4, etc.) and added to the sheet index.

c. TREE PROTECTION FENCING. The Plan Set (esp. site, demolition, grading & drainage, foundation, irrigation, tree disposition, utility sheets, etc.) must delineate/show the correct configuration of Type I, Type II or Type III fencing around each Protected Tree, using a bold dashed line enclosing the Tree Protection Zone (CPA Standard Detail #605).

Project Data  
375 HAMILTON AVE. PALO ALTO PARKING STRUCTURE

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

For written specifications associated with illustrations below, see Public Works Specifications Section 31. Detailed specifications are found in the Palo Alto Tree & Landscape Technical Manual (TLTM) ([www.cityofpaloalto.org/trees](http://www.cityofpaloalto.org/trees))

Tree Protection Zone (TPZ) shown by circle at grade (radius of TPZ equals 10-times the diameter of the tree or 10-feet, whichever is greater).  
The TPZ is a restricted activity and restricted trenching area - see Tree & Landscape Technical Manual Sec 3.03.6(A1,B1,B5,6), any proposed trench or form work within TPZ of a protected tree requires approval from Urban Forestry. Call 650-496-5953.

**TYPE I**

8.5x11-inch warning signs, one on each side

6-foot high chain link fence, typical

TPZ either 10x tree diameter or 10-feet, whichever is greater

**Type I Tree Protection:** Layout configuration applies to all Protected Trees, matching the site diagram with the tree preservation report (TPR) distances written for the project. Fencing should be shown on plans as it will be installed. A curved fence for a TPZ is generally not practical.

Fencing Inspection pass/fail is dependent on correct layout and mounted sign placard.

Place two (2) 8.5"x11" covered warning signs at each tree.

**TYPE II**

Any sidewalk or curb replacement requires approval and a Street Work Permit may be needed.

Fence distance to outer branches or TPZ

**Type II Tree Protection:** Layout configuration applies to all parkway strip or public trees near sidewalk.

**TYPE III**

One layer orange plastic fencing surrounding boards

Install 2"x4" boards against wattle, at 8" spacing, from ground to first branch flare

Place two (2) 8.5"x11" covered warning signs on each tree

Restricted use. For trees in sidewalk cutouts/tree wells, or when otherwise authorized by Urban Forestry.

Wrap trunk with straw wattle at base & trunk

**Type III Tree Protection:** Layout for trunk protection applies to all Protected Trees when exclusively authorized for sidewalk cut-out. To be used only with approval from Urban Forestry.

Fencing must provide public passage while protecting all other land in TPZ.

**Required tree protection shall be installed before demolition, excavation, or site work occurs.**

Rev	By	Date		Approved by:	
1	DD	08/10/06	<b>Tree Protection During Construction</b> City of Palo Alto Standard	P. GOLLINGER	
2	JGH	06/02/16		PE No. ISA-WE: 7320BM	
3	RTN	05/22/17		Date 10/24/2024	
4	PGG	10/24/24		Dwg No. 605	
Scale: NTS					

**PLAN VIEW**

Trim stakes to height just above ties.

Flexible or plastic tree ties, fasten to stakes one above the other at 1/2 to 3/4 the height of the tree

Center of root ball between back of curb and front of sidewalk

Back of sidewalk

Front of sidewalk

Planter strip

Face of curb

2' - 0"

4'-6" (typ)

Planter strip location of soil berm (typical)

Tree stake (typ.)

Rootball

14"

Place 3" of mulch in planter pit over soil backfill

Tree as specified by City

2" dia. tree stakes. \* Diagramatic only, rotate 90 degrees per Plan View.

City sidewalk, refer to Drawing 604 & 604A for root channel details

**SECTION A-A**

Top of tree root ball needs to be 1 inch above the landscape grade

Don't disturb soil under rootball

Limits of excavation

Install tree stakes a min. 12" into undisturbed soil

Backfill with a mixture of mixed original soil and approved loam topsoil around root ball and water at time of planting.

NOTES:

- Contact Underground Service Alert (USA) @ 811 or (800) 227-2600 at least five (5) days prior to beginning excavation work to locate existing utilities.
- Build soil berm min. 4" high and 2' from tree trunk planter strip. Provide loam topsoil needed to form berm and fill holes.
- Soil, concrete and other materials spilled on street, sidewalk, and planting area shall be cleaned up immediately by Contractor.
- PVC root barrier may be required on a site specific basis.
- Provide minimum rootable soil volume for tree size growth performance (in cubic feet): Large: 1,200 cu.ft. Medium: 800 cu.ft. Small: 400 cu.ft.

Rev	By	Date		Approved by:	
1	Ron L	04/15/03	<b>Tree Detail Planter Strip</b> City of Palo Alto Standard		
2	JT	08/14/06		PE No. 72158	
3	HQN	03/19/07		Date 01/10/18	
4	RTN	06/11/17		Dwg No. 603	
Scale: NTS					

NOTE: Refer to Tree & Landscape Technical Manual, Section 3.03.6-B5,6 for additional information.

Tree trunk diameter	Distance of bore from each side of tree trunk "A"	Distance of open trench from tree trunk "B"	Depth of bore or trench "C"
2	2	3	3.00
3	3	6	3.25
6	5	10	3.33
12	6	12	3.67
18	7	14	4.00
24	8	16	4.33
30	9	18	4.67
36	10	20	4.83
42	12	22	5.00

Rev	By	Date		Approved by:	
1	MMN	3/15/05	<b>Utility Trenching Near Trees</b> City of Palo Alto Standard		
2	JT	08/14/06		PE No. 72158	
3	RTN	06/11/17		Date 01/10/18	
4	PGG	11/23/22		Dwg No. 504	
Scale: NTS					

**LANDSCAPE DISCLOSURE STATEMENT**

CITY OF PALO ALTO  
Urban Forestry Section  
Development Review  
trees@cityofpaloalto.org

**THIS FORM MUST BE COMPLETED FOR ALL PROJECTS THAT INCLUDE LANDSCAPING**

Palo Alto Municipal Codes, Chapters 12.32.040, 16.14, and 18.40.130 requires compliance with the State Model Water Efficient Landscape Ordinance (MWELo). Disclosure of square footage of landscaped area for all projects will assist the applicant and the City with compliance and reporting requirements. Refer to the City's [MWELo Submittal & Guidelines](#) document for further details.

PROPERTY ADDRESS: 375 Hamilton Ave, Palo Alto, CA 94301

- Is there any new or rehabilitated landscape area included in this project?  
 YES (continue form)     NO (form requirements complete)
- If new landscape is included, enter the square footage: New Landscape square footage\* = 1620  
\*If the square footage of new landscaping is greater than 500 square feet, the project will need to submit MWELo documentation.
- If rehabilitated landscape is included, enter the square footage: Rehabilitated Landscape\*\* =  
\*\*If the square footage of rehabilitated landscaping is greater than 2500 square feet the project will need to submit MWELo documentation.
- Enter the total combined square footage of all landscaping included in the project\*\*\* = 1620  
\*\*\*If the total square footage of all landscaping is greater than 2500 square feet the project will need to submit MWELo documentation.

I, the undersigned, agree that the above information is accurate and complete. I understand that knowingly or negligently providing false or misleading information in response to this disclosure requirement may delay project approval.

Signature: Cathy Merrill    Print: Cathy Merrill    Date: 2/25/26

Revised 03/05/2025

## SAMPLE WARNING SIGN FOR TREE PROTECTION FENCING

Each fenced tree enclosure should have a minimum of two warning signs containing the same information as the sample sign on right. Signs should be laminated, printed on waterproof material or be otherwise protected from the elements.

Apply Tree Preservation Report starting on sheet T-3 when required

Use additional "T" sheets as needed

**---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

Project 375 HAMILTON AVE. PALO ALTO PARKING STRUCTURE

Data