

DESIGN PLANS AND ELEVATIONS

Block 37 Apartments

March 11th, 2014

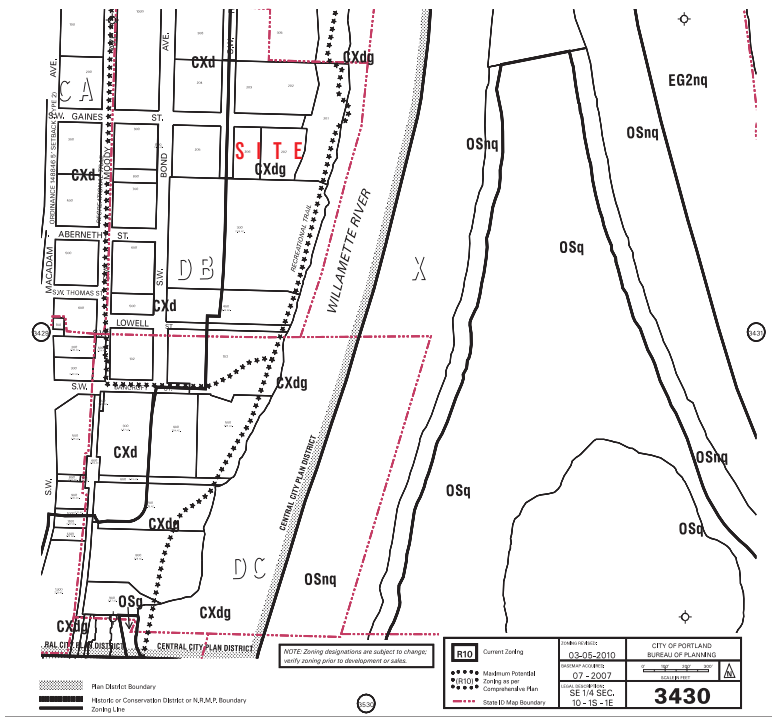
Revised: March 26th, 2014

Revised: April 30th, 2014

Revised: June 16th, 2014

Revised: July 30th, 2014

BLOCK 37 APARTMENTS
3700 SW RIVER PARKWAY
PORTLAND, OR 97239



SITE AERIAL PHOTOGRAPH

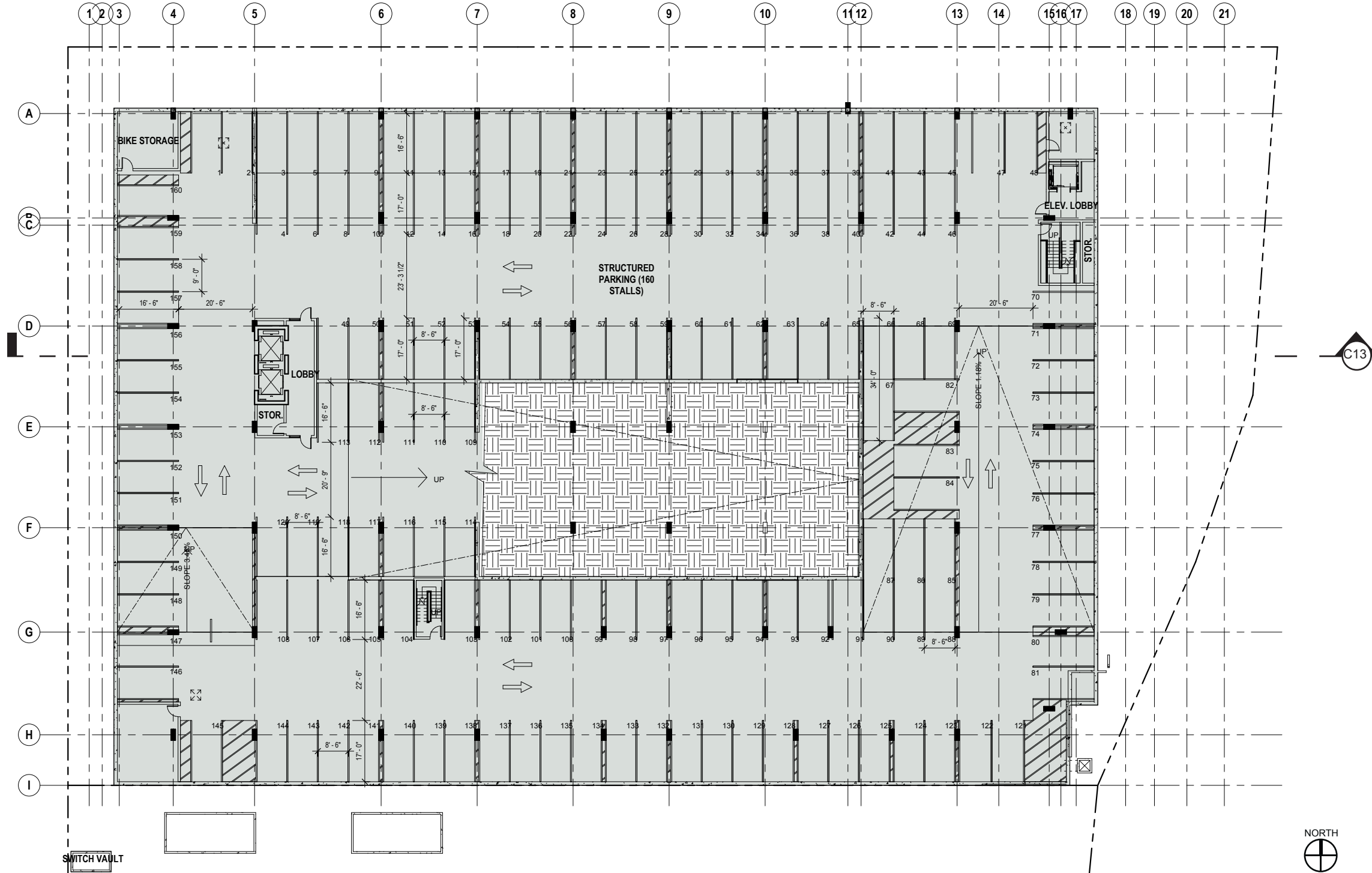


SITE PHOTOGRAPHY

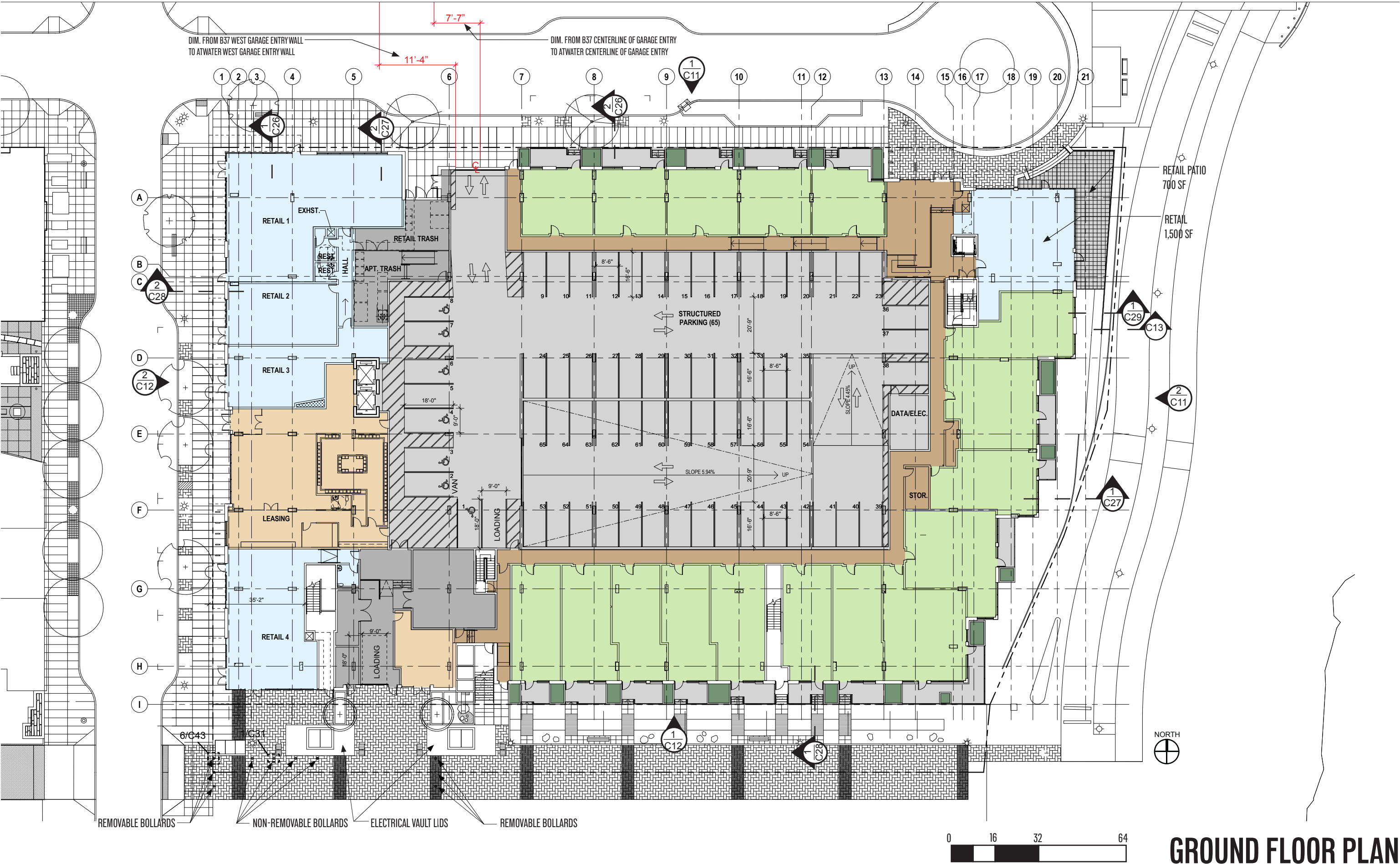


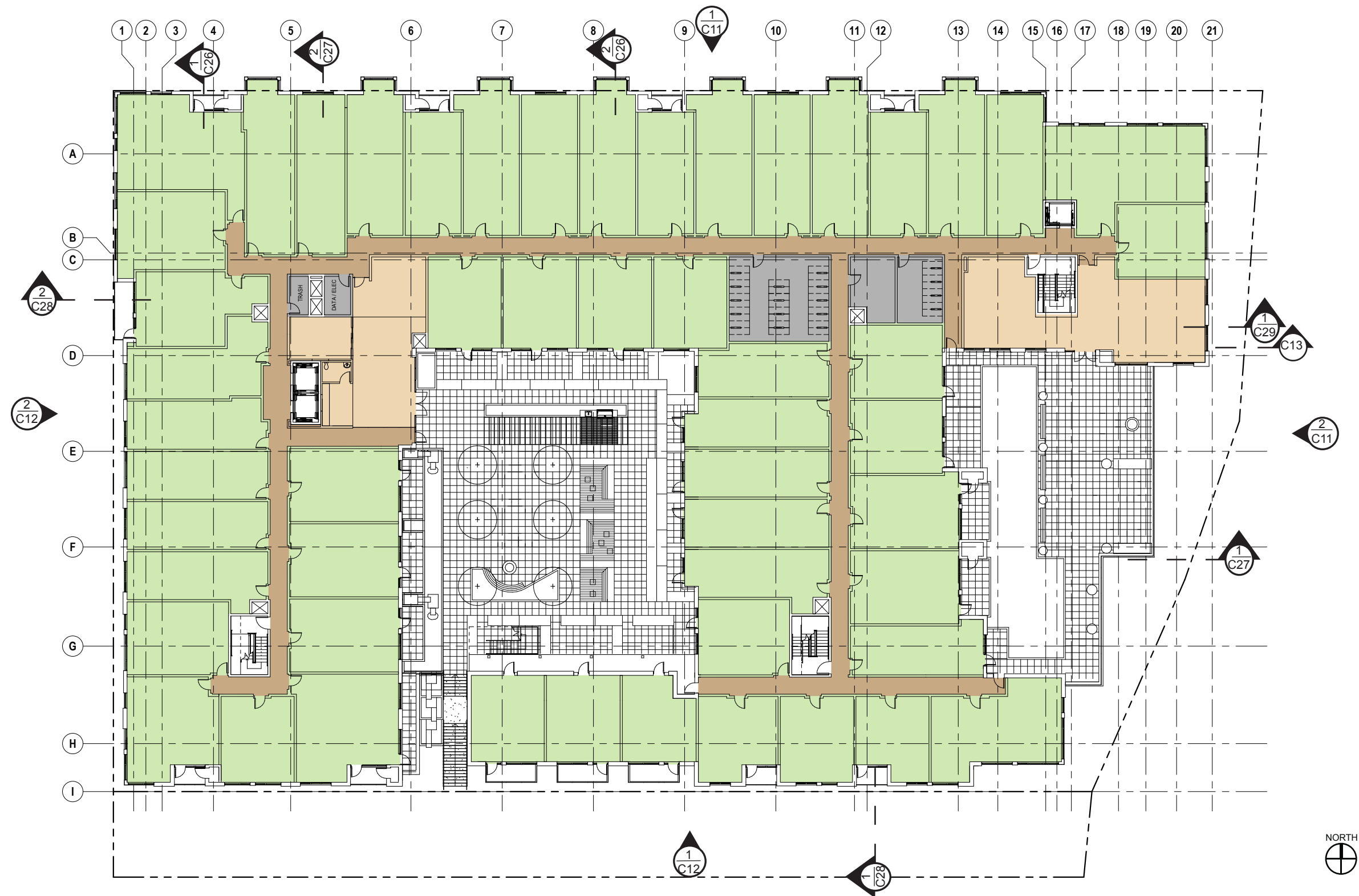
SEE LANDSCAPE PAGE C37 FOR SITE PLAN

SITE PLAN

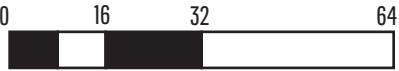
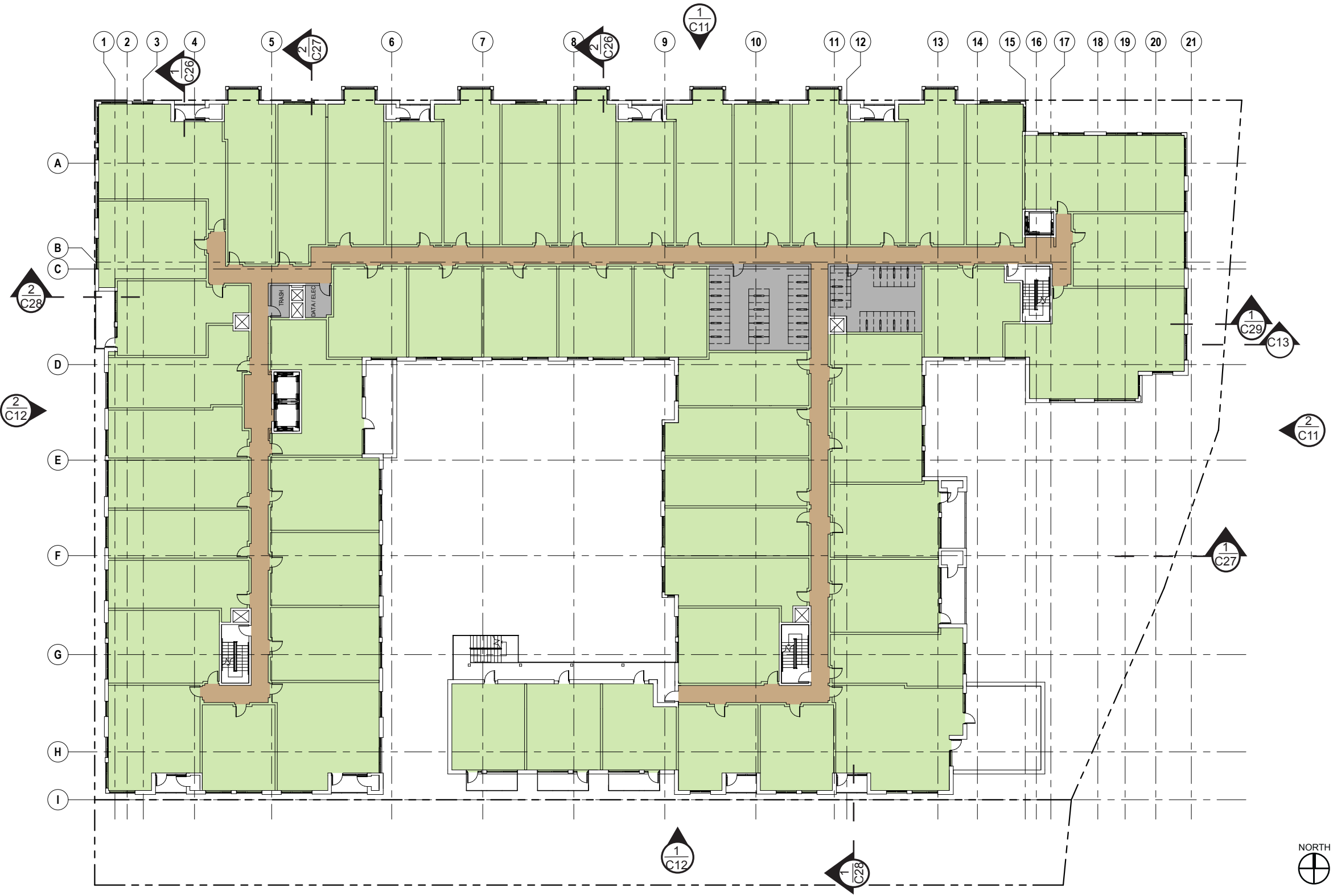


PARKING PLAN

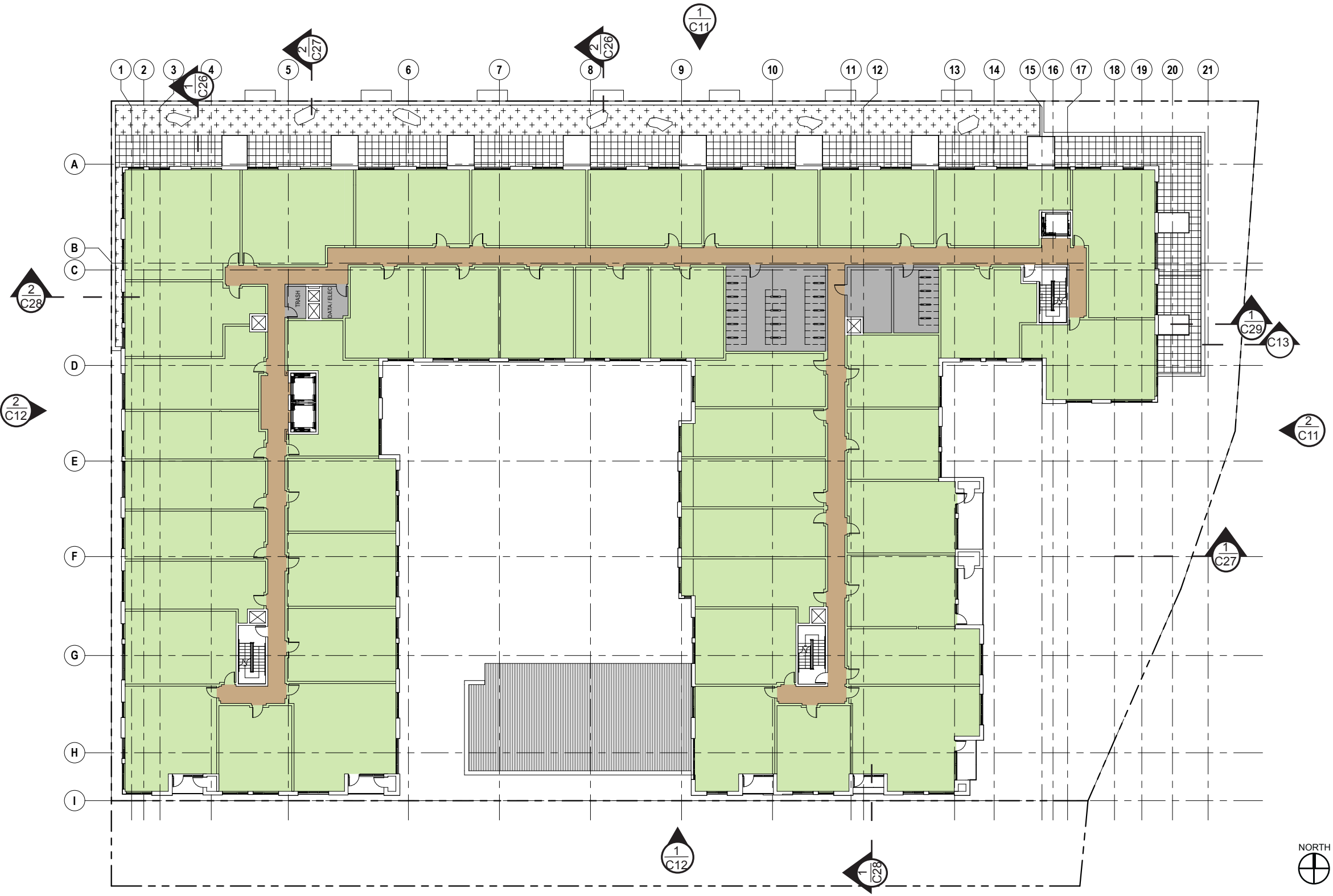




SECOND FLOOR PLAN



TYPICAL FLOOR PLAN



FIFTH/SIXTH FLOOR PLAN



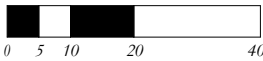
CASE NO. 14-117884 DZM EXHIBIT C.10



1 NORTH ELEVATION



2 EAST ELEVATION



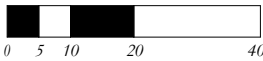
BUILDING ELEVATIONS



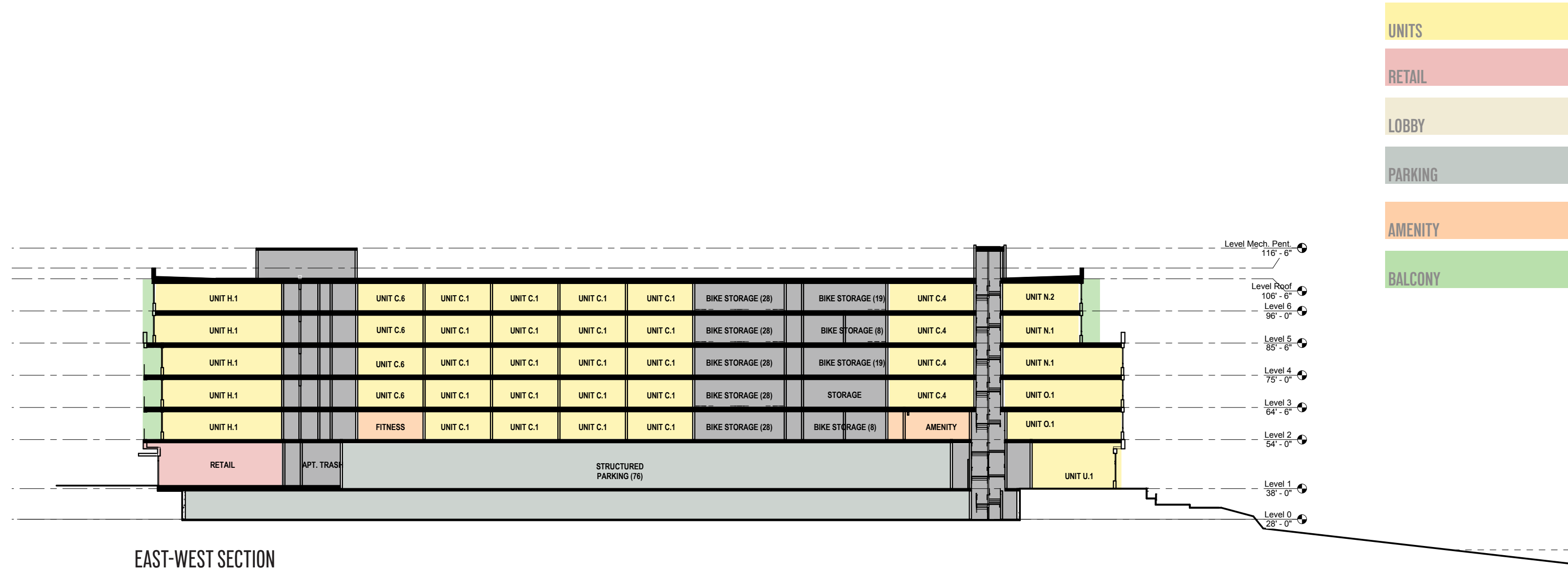
1 SOUTH ELEVATION



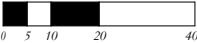
2 WEST ELEVATION



BUILDING ELEVATIONS



DESIGN REVIEW BUILDING



BUILDING SECTION



SKETCH - GREENWAY RETAIL



RENDERING (NIGHT) - GAINES ST. FACADE

NIGHT RENDERING WILL BE PLACED HERE



THE ATWATER REMOVED FROM IMAGE FOR CLARITY

SKETCH- GAINES ST. FACADE



SKETCH - GREENWAY



SKETCH -LANE STREET

RENDERING LANE AND RIVER PARKWAY WILL WILL BE PLACED HERE

RENDERING -RIVER PARKWAY FACADE



RENDERING -CORNER OF GAINES ST. AND RIVER PARKWAY



ENLARGED PLAN NORTH ELEVATION A



ENLARGED PLAN NORTH ELEVATION B



ENLARGED PLAN NORTH ELEVATION C



ELEVATIONS - ENLARGED, TYP.



ENLARGED PLAN EAST ELEVATION A



ENLARGED PLAN WEST ELEVATION A



ENLARGED PLAN EAST ELEVATION B



ENLARGED PLAN WEST ELEVATION B



ENLARGED PLAN EAST ELEVATION C



ENLARGED PLAN WEST ELEVATION C



ELEVATIONS - ENLARGED, TYP.



ENLARGED PLAN SOUTH ELEVATION A



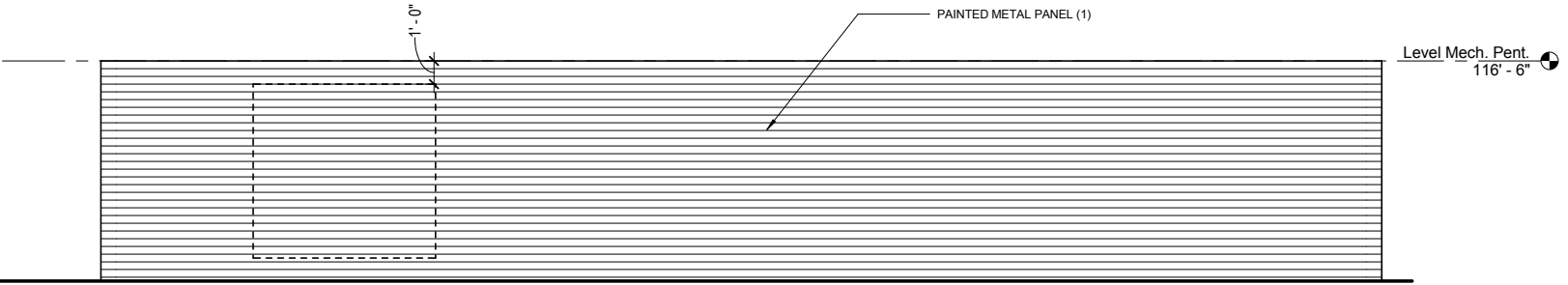
ENLARGED PLAN SOUTH ELEVATION B



ENLARGED PLAN SOUTH ELEVATION C

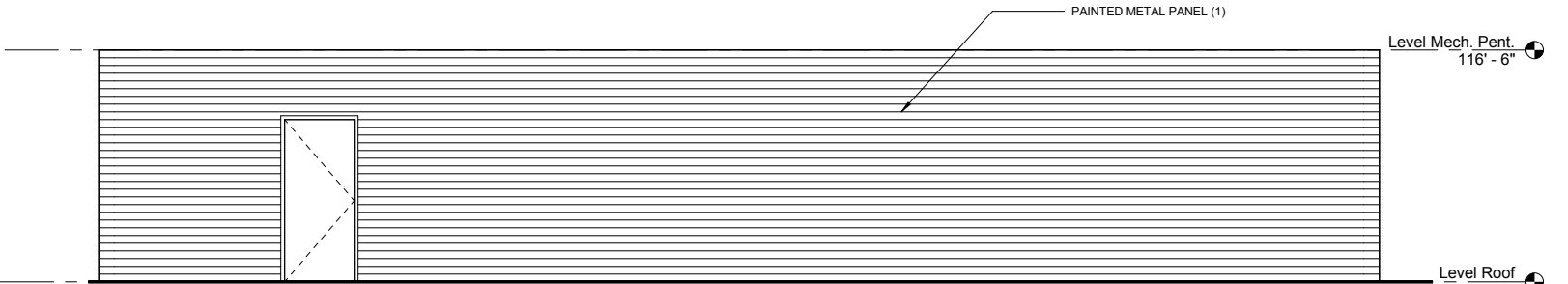


ELEVATIONS - ENLARGED, TYP.



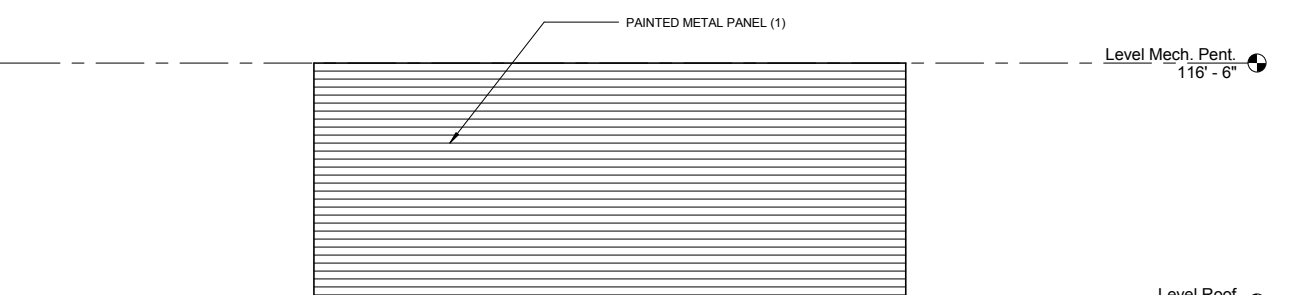
1 NW MECH. SCREENING - WEST ELEVATION

1/4" = 1'-0"



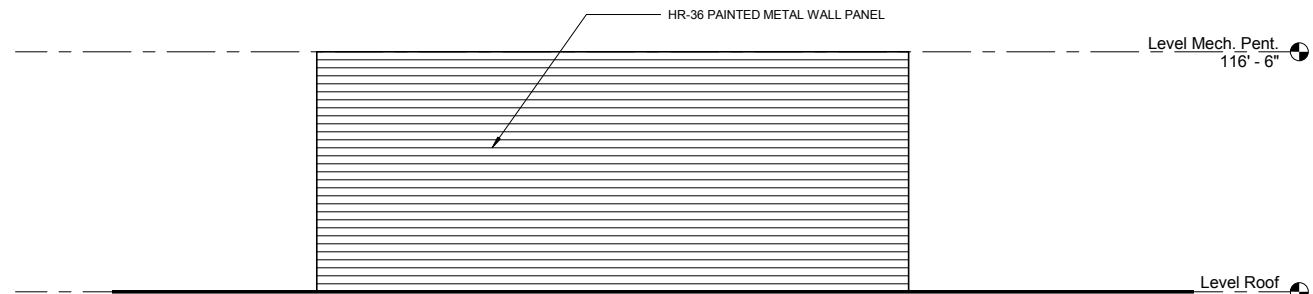
3 NW MECH. SCREENING - EAST ELEVATION

1/4" = 1'-0"



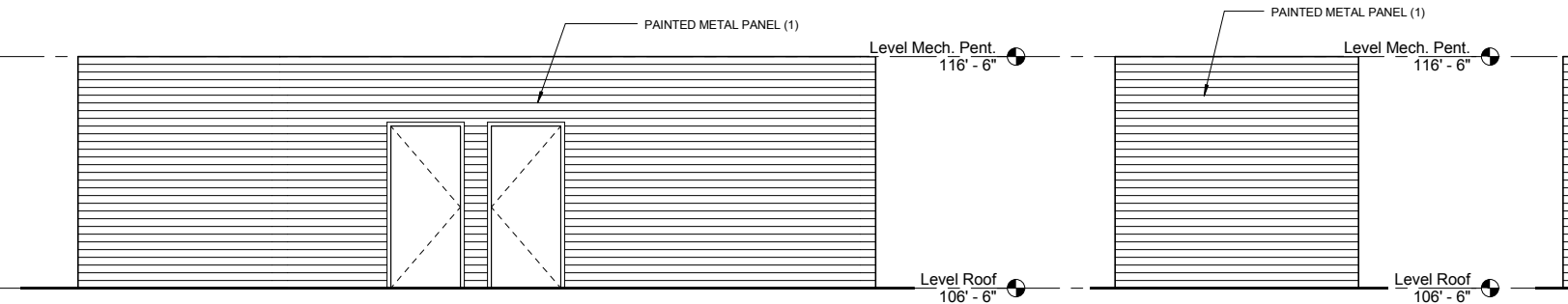
2 NW MECH. SCREENING - SOUTH ELEVATION

1/4" = 1'-0"



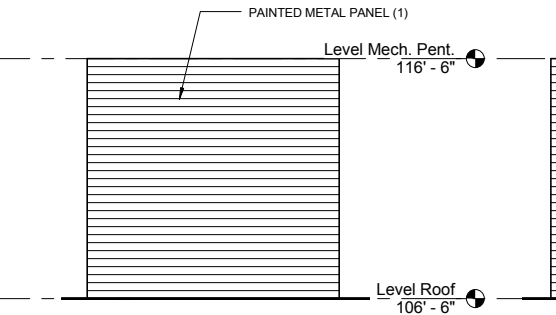
4 NW MECH. SCREENING - NORTH ELEVATION

1/4" = 1'-0"



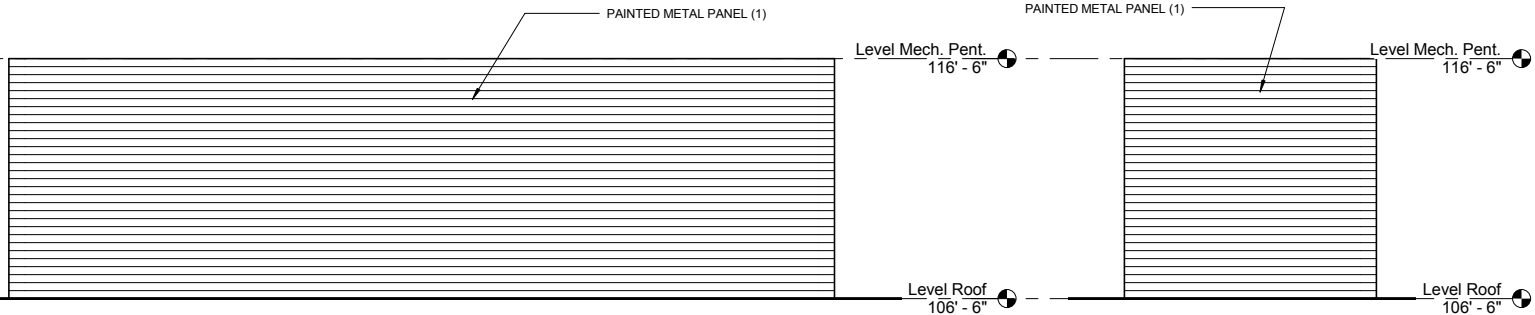
12 NE MECH. - WEST ELEVATION - DR

1/4" = 1'-0"



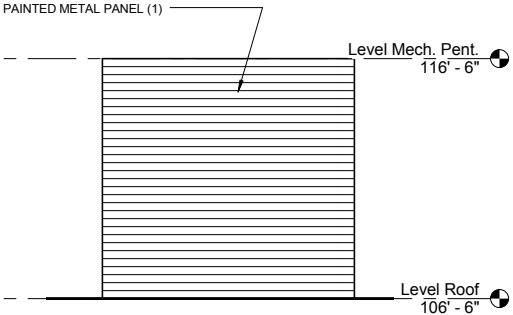
11 NE MECH. - SOUTH ELEVATION - DR

1/4" = 1'-0"



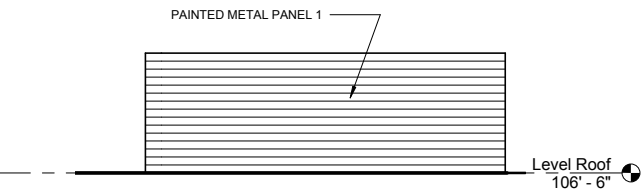
9 NE MECH. - EAST ELEVATION - DR

1/4" = 1'-0"



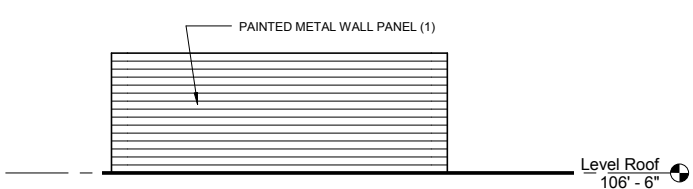
10 NE MECH. - NORTH ELEVATION - DR

1/4" = 1'-0"



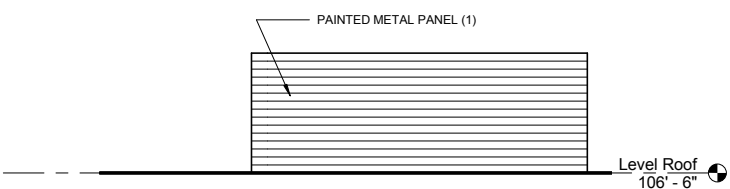
5 N. MECH. - EAST ELEVATION

1/4" = 1'-0"



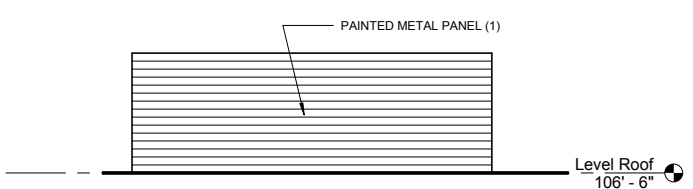
6 N. MECH. - NORTH ELEVATION

1/4" = 1'-0"



7 N. MECH. - SOUTH ELEVATION

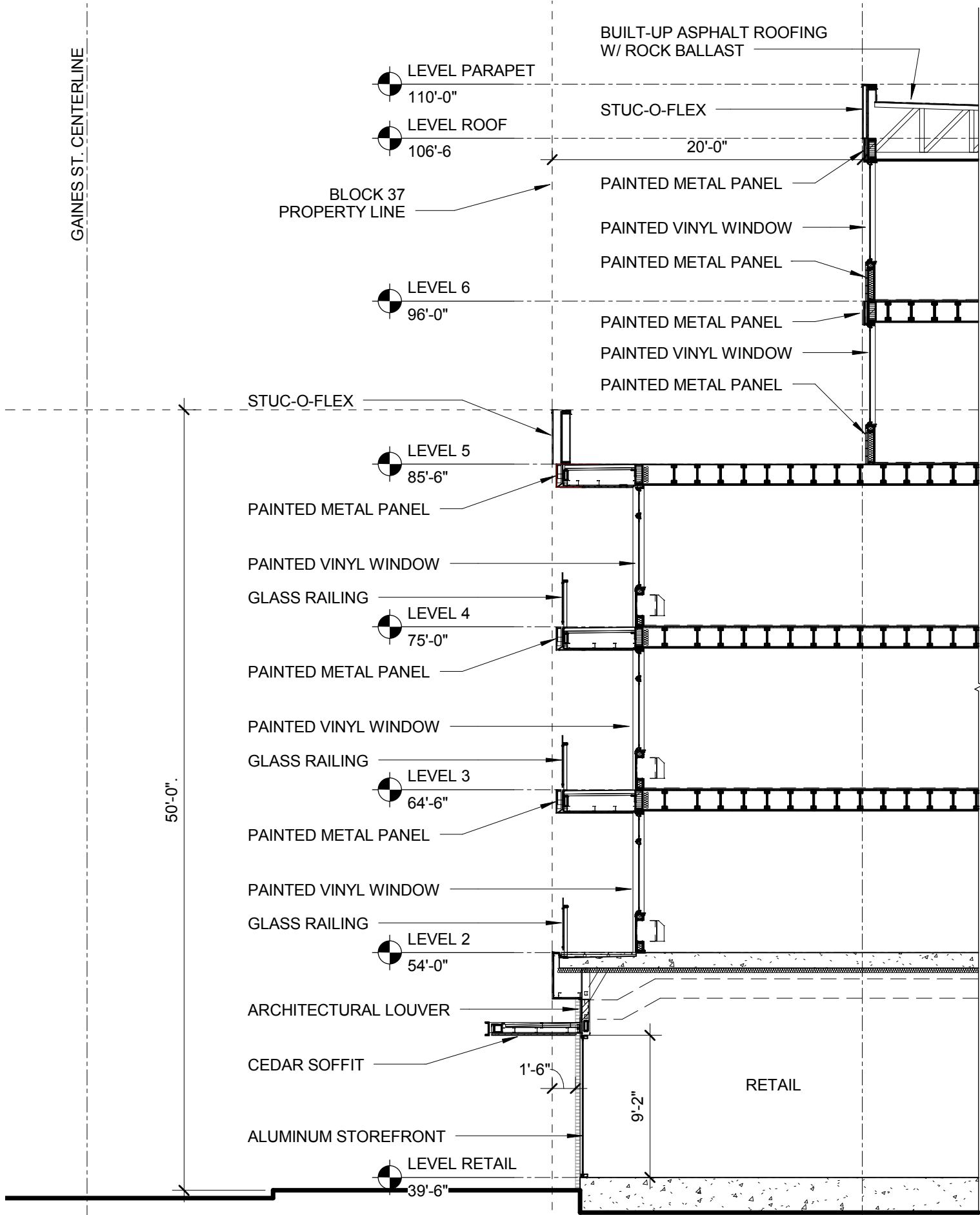
1/4" = 1'-0"



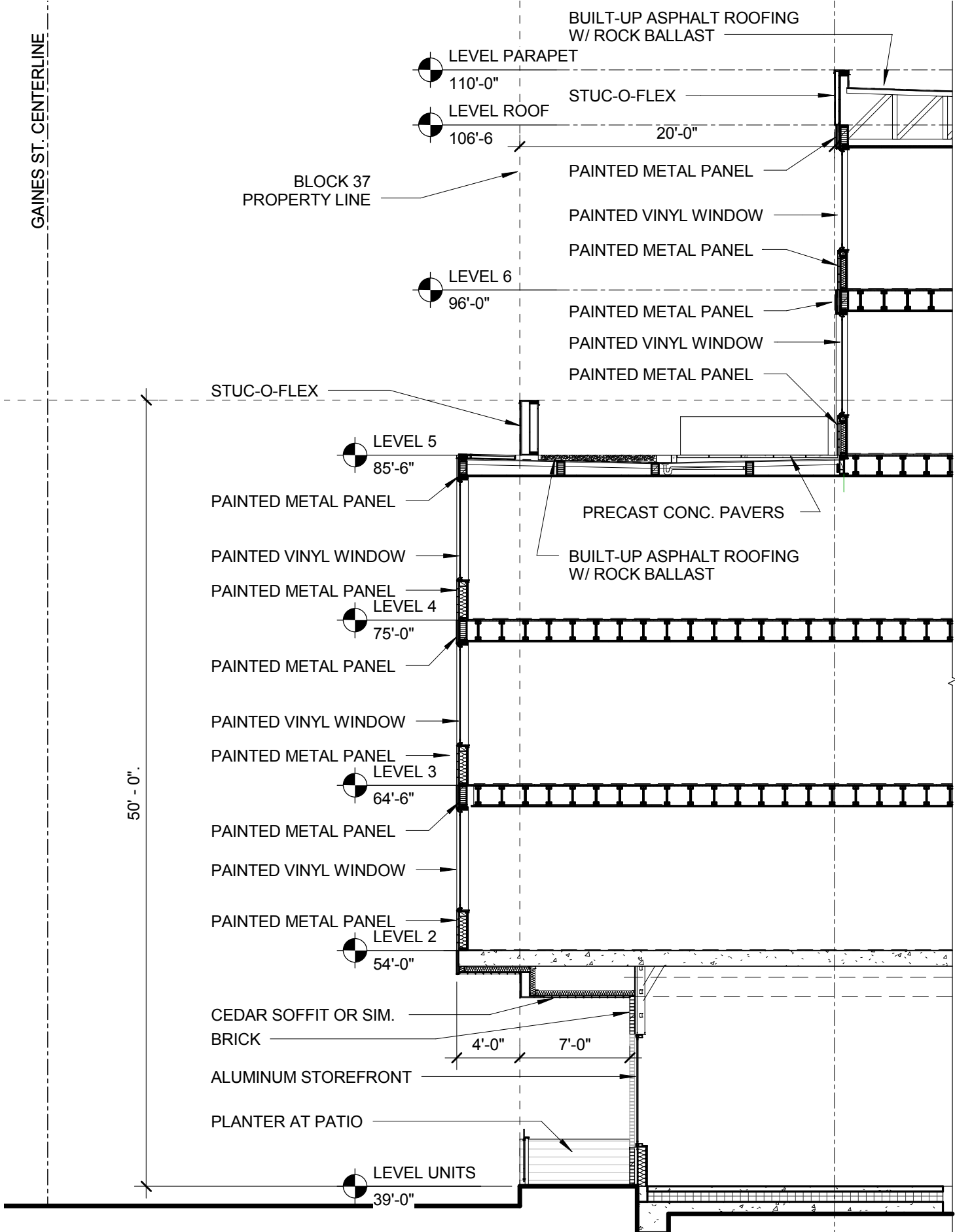
8 N. MECH. - WEST ELEVATION

1/4" = 1'-0"

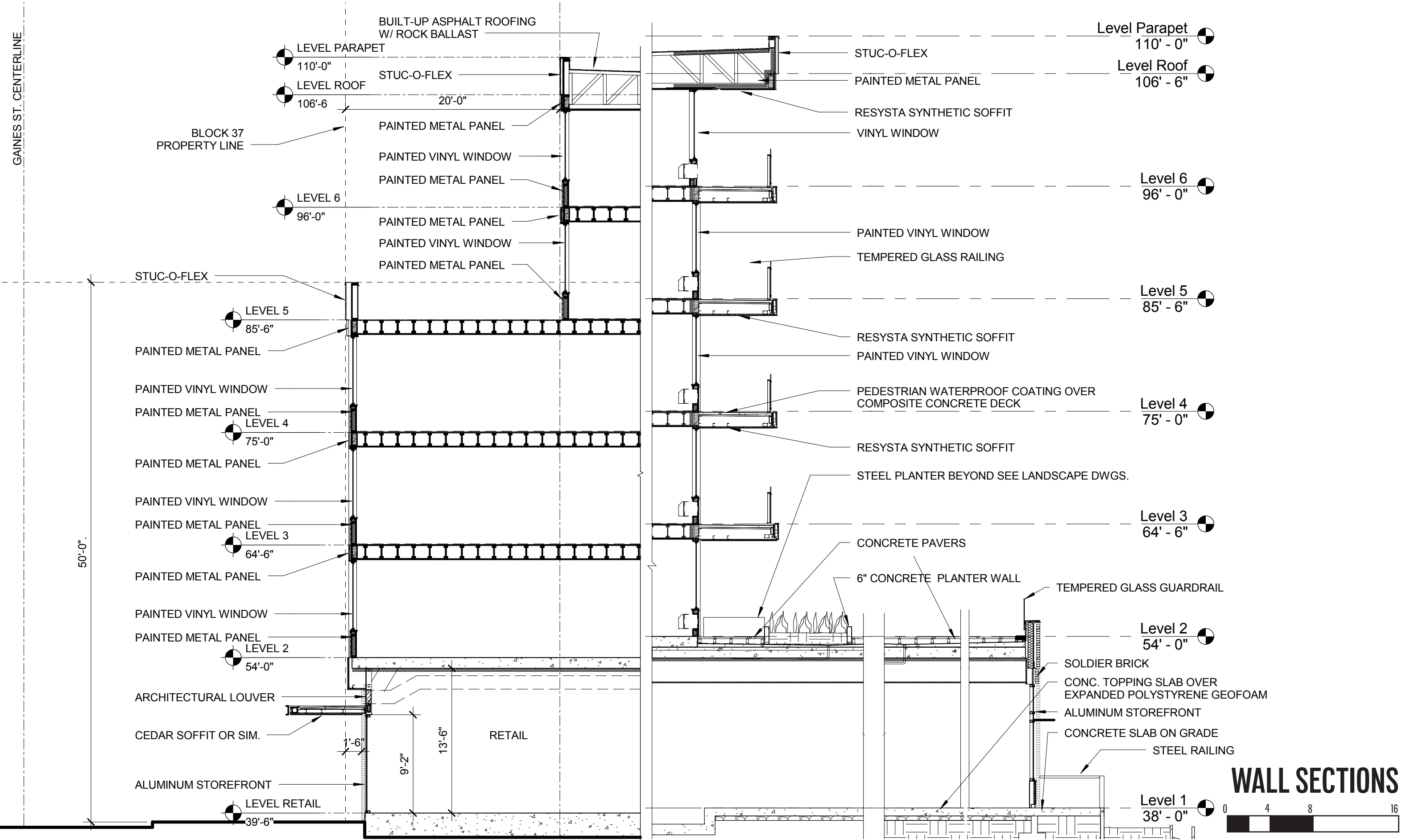
ENLARGED ELEVATIONS - MECHANICAL SCREENING

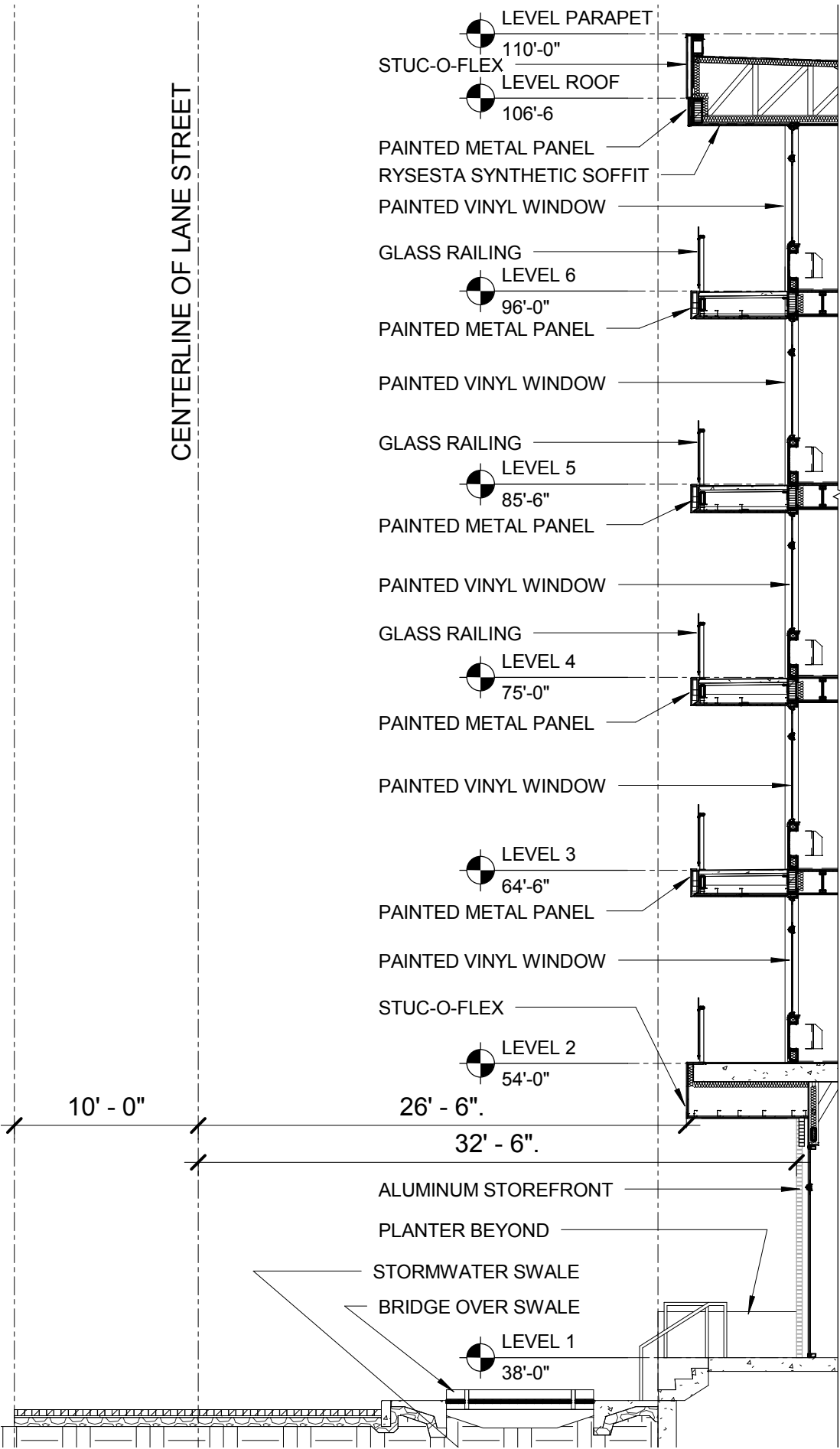


1 WALL SECTION AT NORTH BALCONY

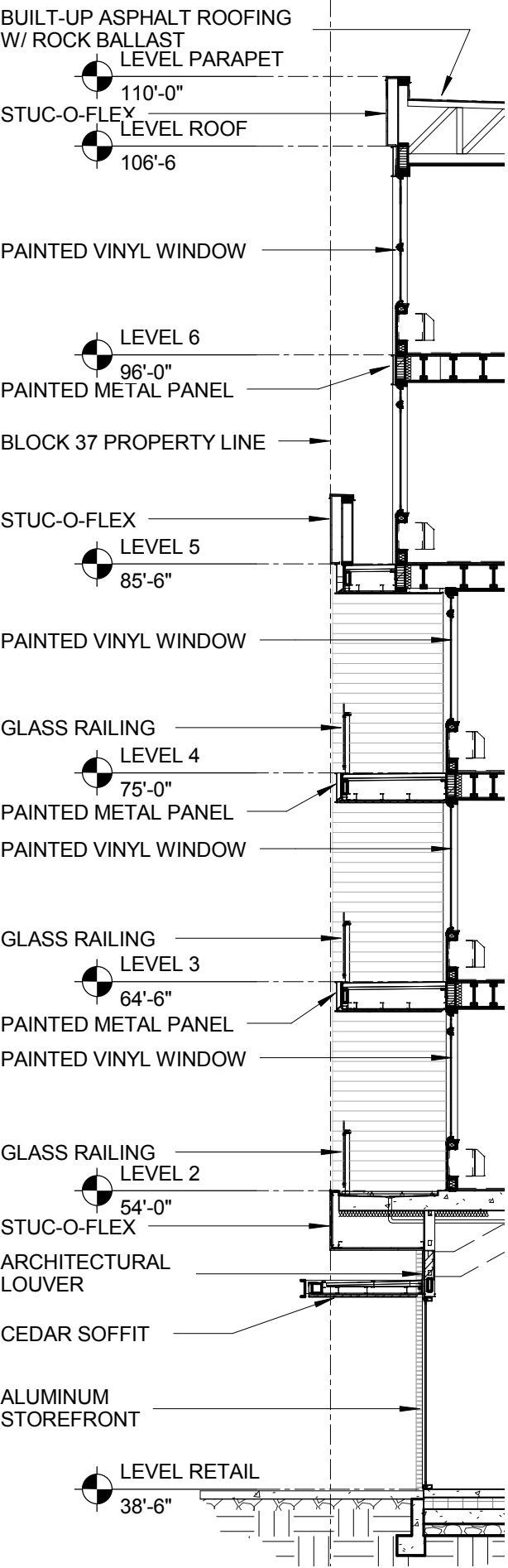


2 WALL SECTION AT ORIEL WINDOW BAY





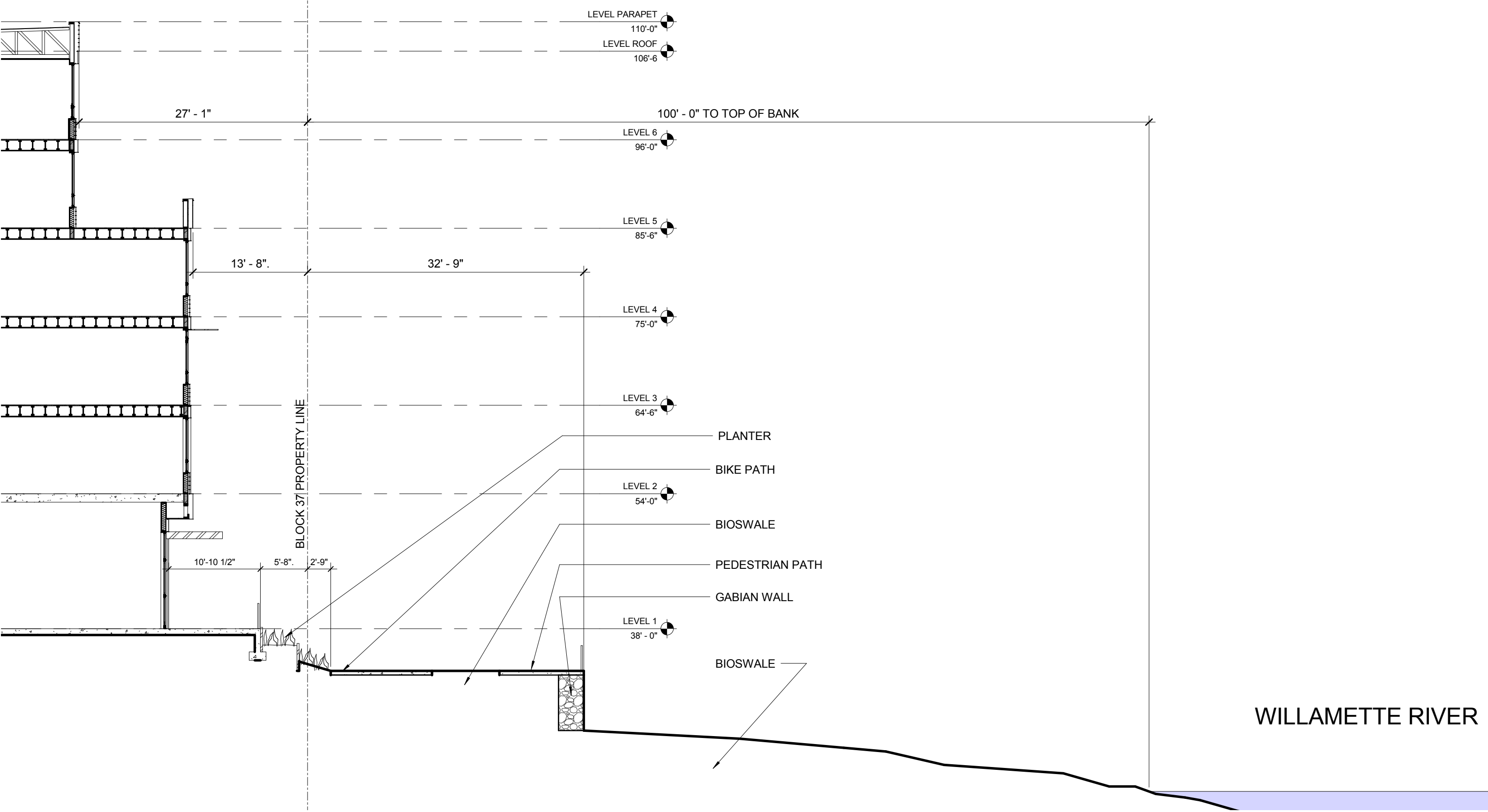
1 WALL SECTION AT SOUTH BALCONIES

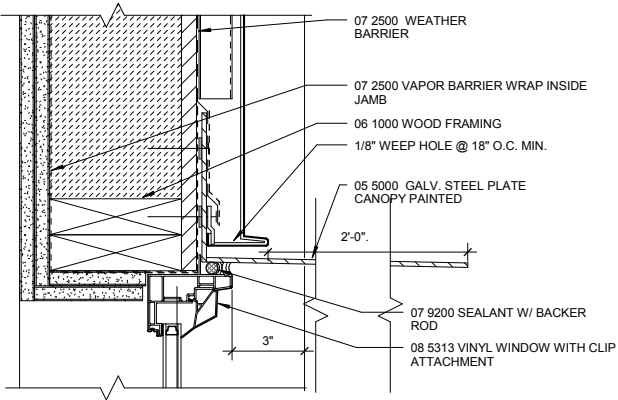


2 WALL SECTION AT WEST BALCONIES



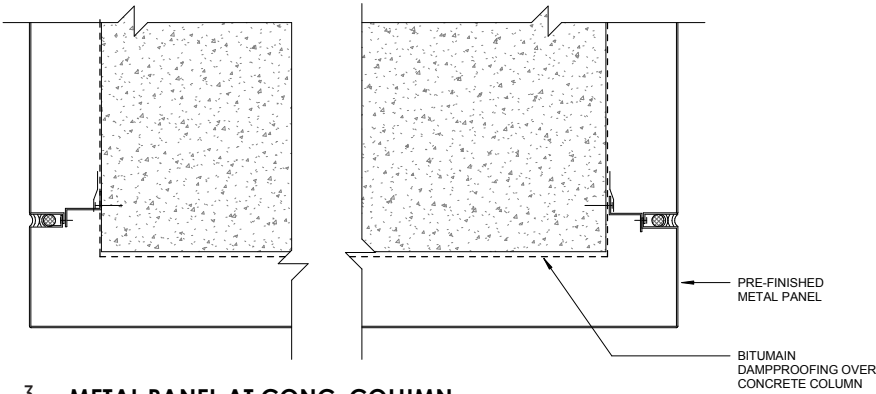
WALL SECTIONS





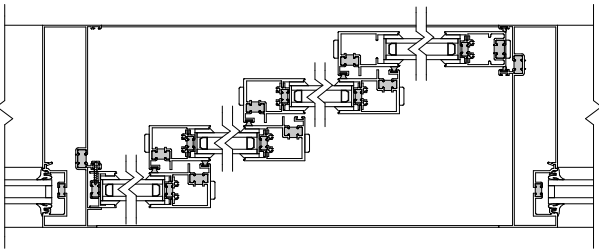
1 WINDOW/DOOR HEAD AT 2'-0" CANOPY

3" = 1'-0"



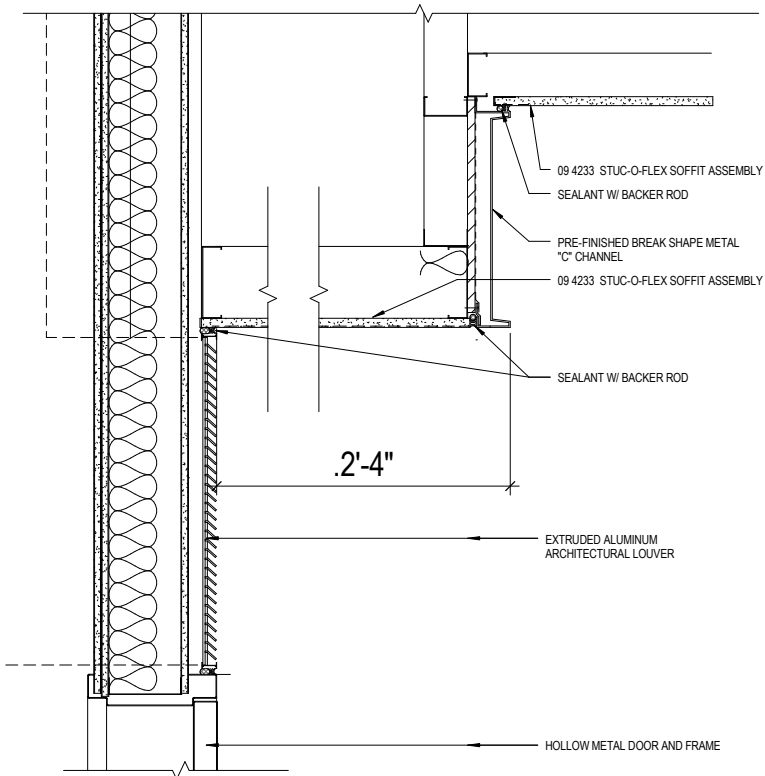
3 METAL PANEL AT CONC. COLUMN

3" = 1'-0"



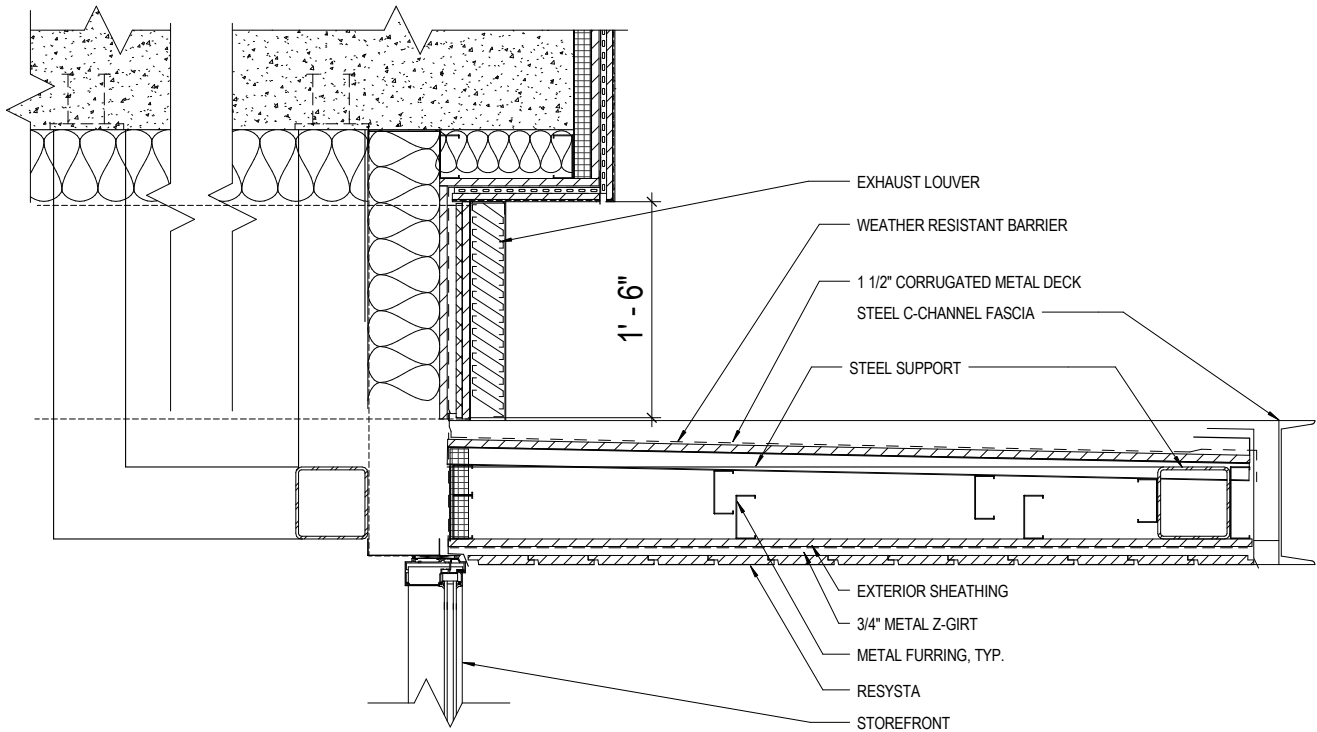
7 OPERABLE STOREFRONT JAMB DETAIL

3" = 1'-0"



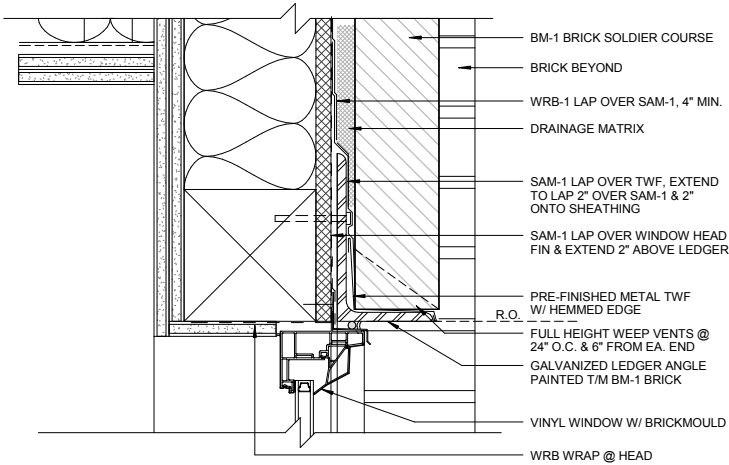
5 DOOR HEAD AT TRASH

1 1/2" = 1'-0"

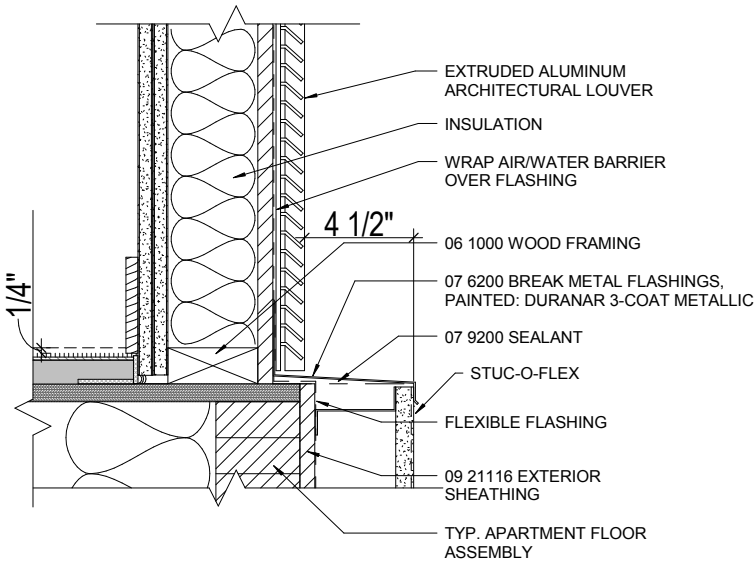


2 TYP RETAIL CANOPY SECTION

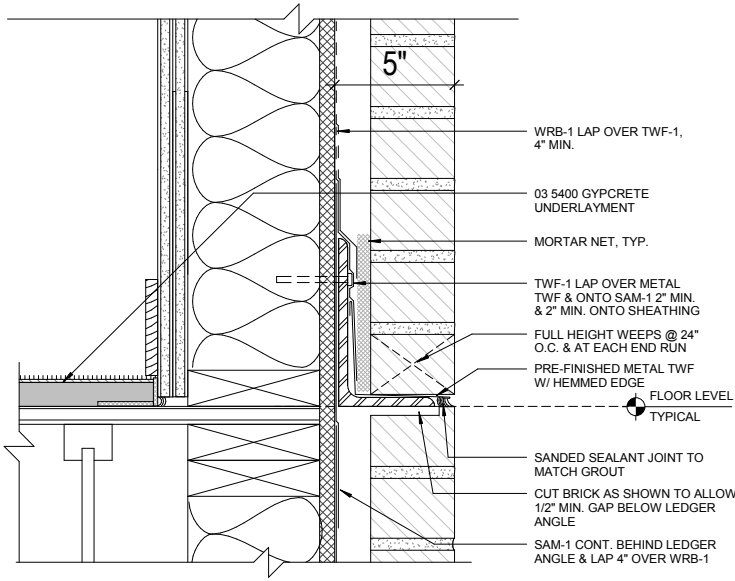
DETAILS



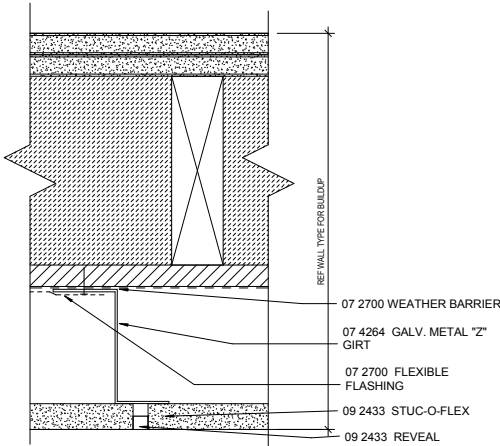
6 TYP. WINDOW HEAD AT BRICK
3" = 1'-0"



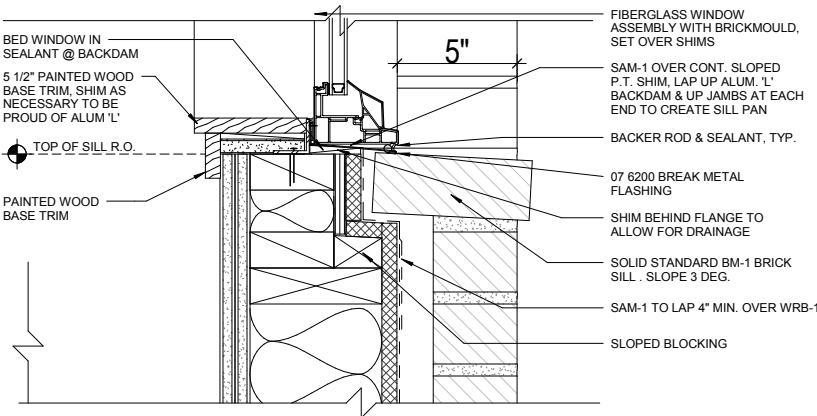
3 TYP. LOUVER SILL
3" = 1'-0"



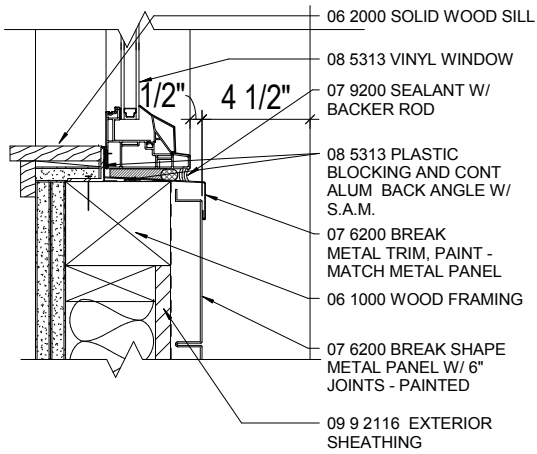
7 TYP. BRICK LEDGER CONDITION
3" = 1'-0"



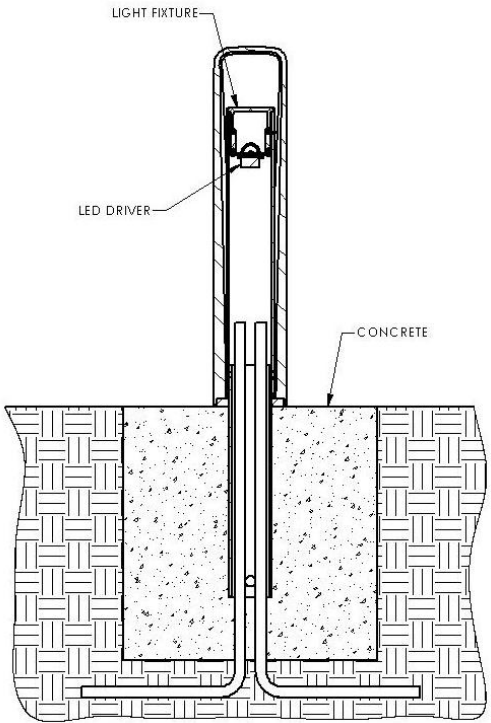
21 STUCCO REVEAL JNT PLAN
6" = 1'-0"



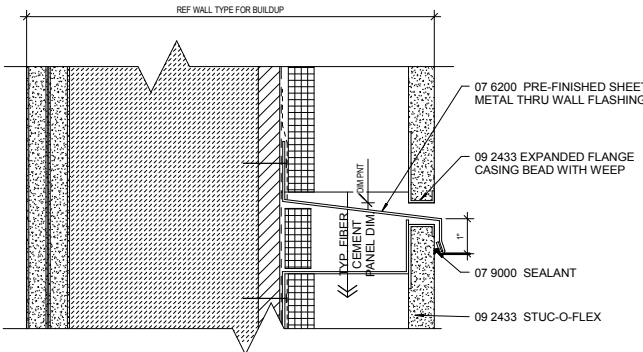
8 SILL DETAIL - BRICK
3" = 1'-0"



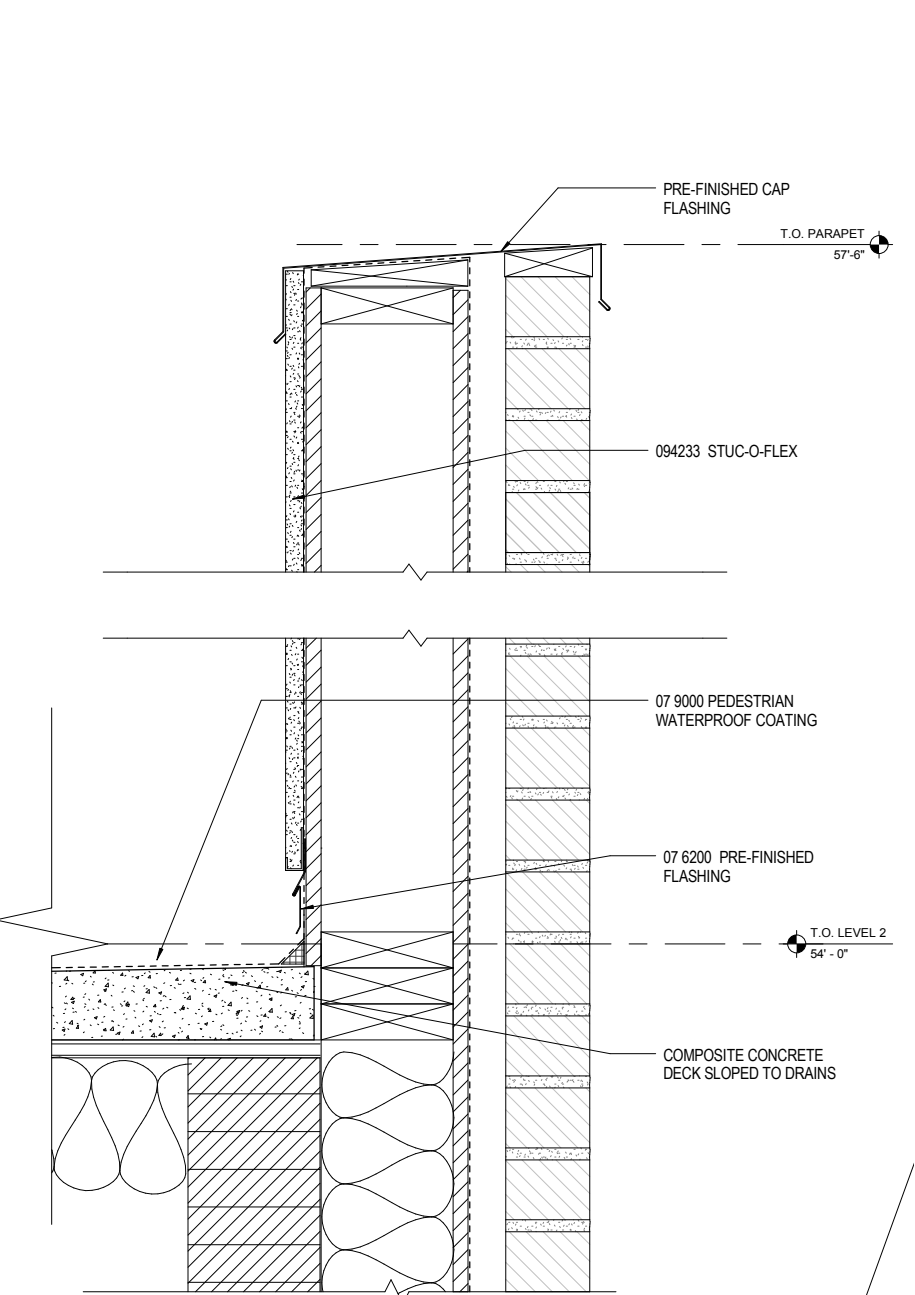
18 METAL PANEL AT WINDOW SILL
3" = 1'-0"



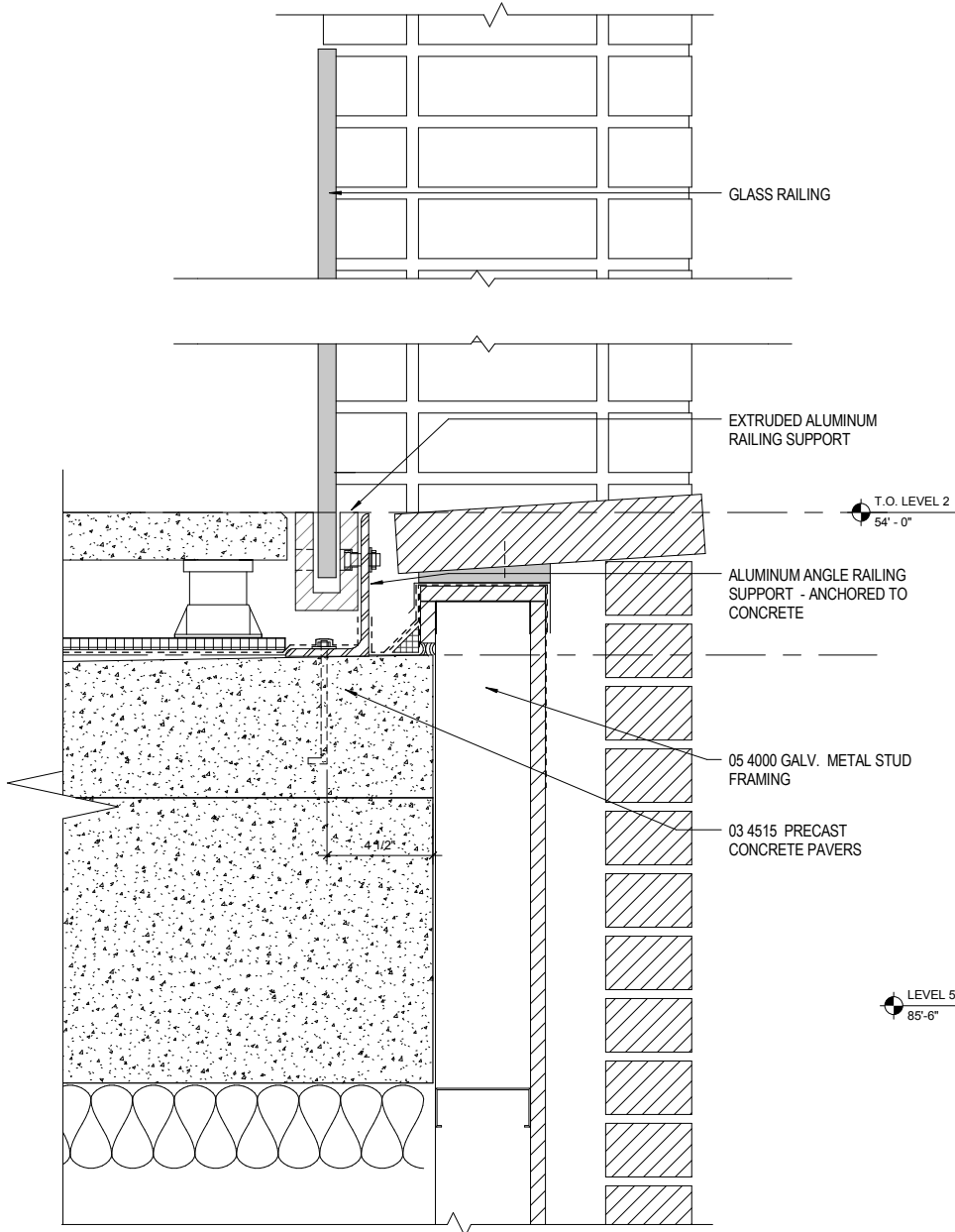
1 NON-REMOVABLE BOLLARD



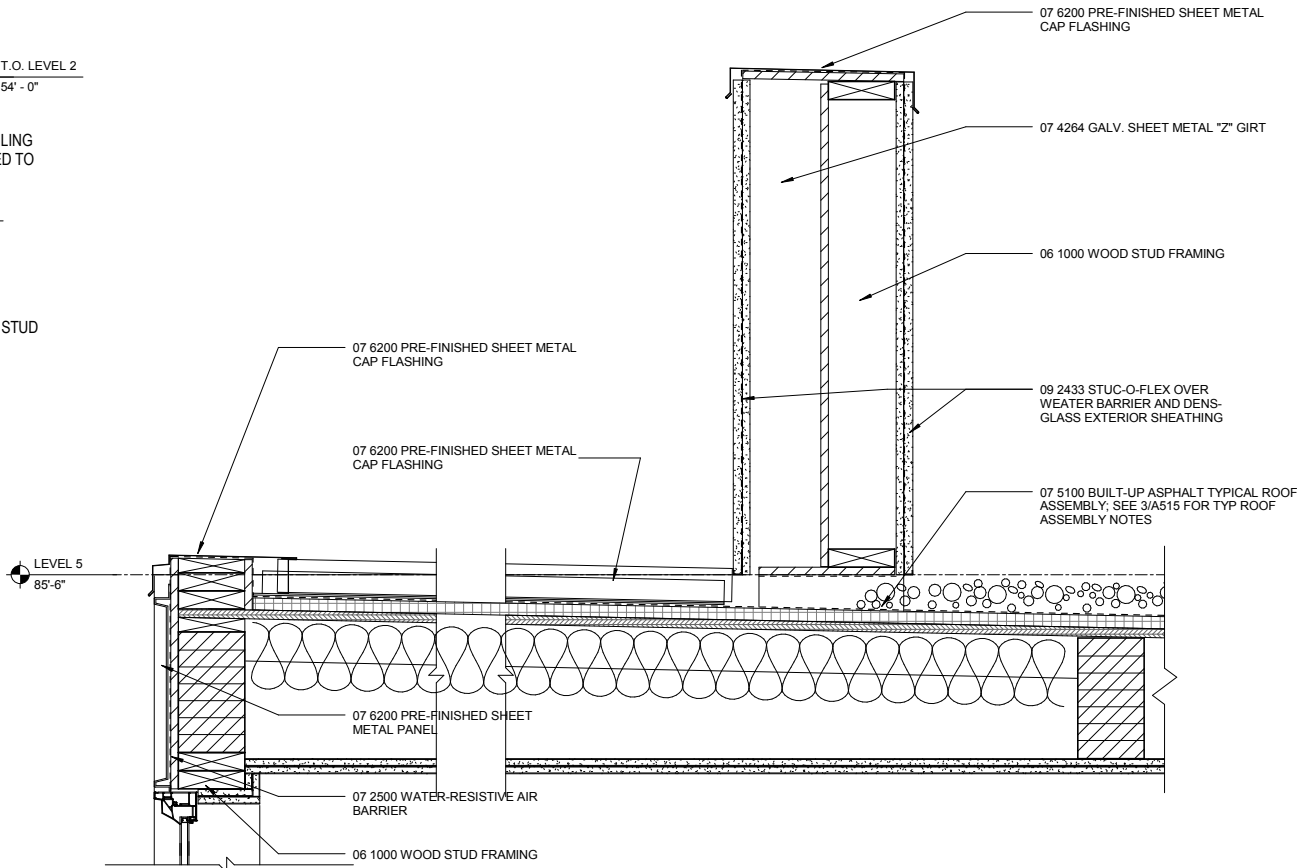
22 STUCCO REVEAL JNT - SECTION
6" = 1'-0"



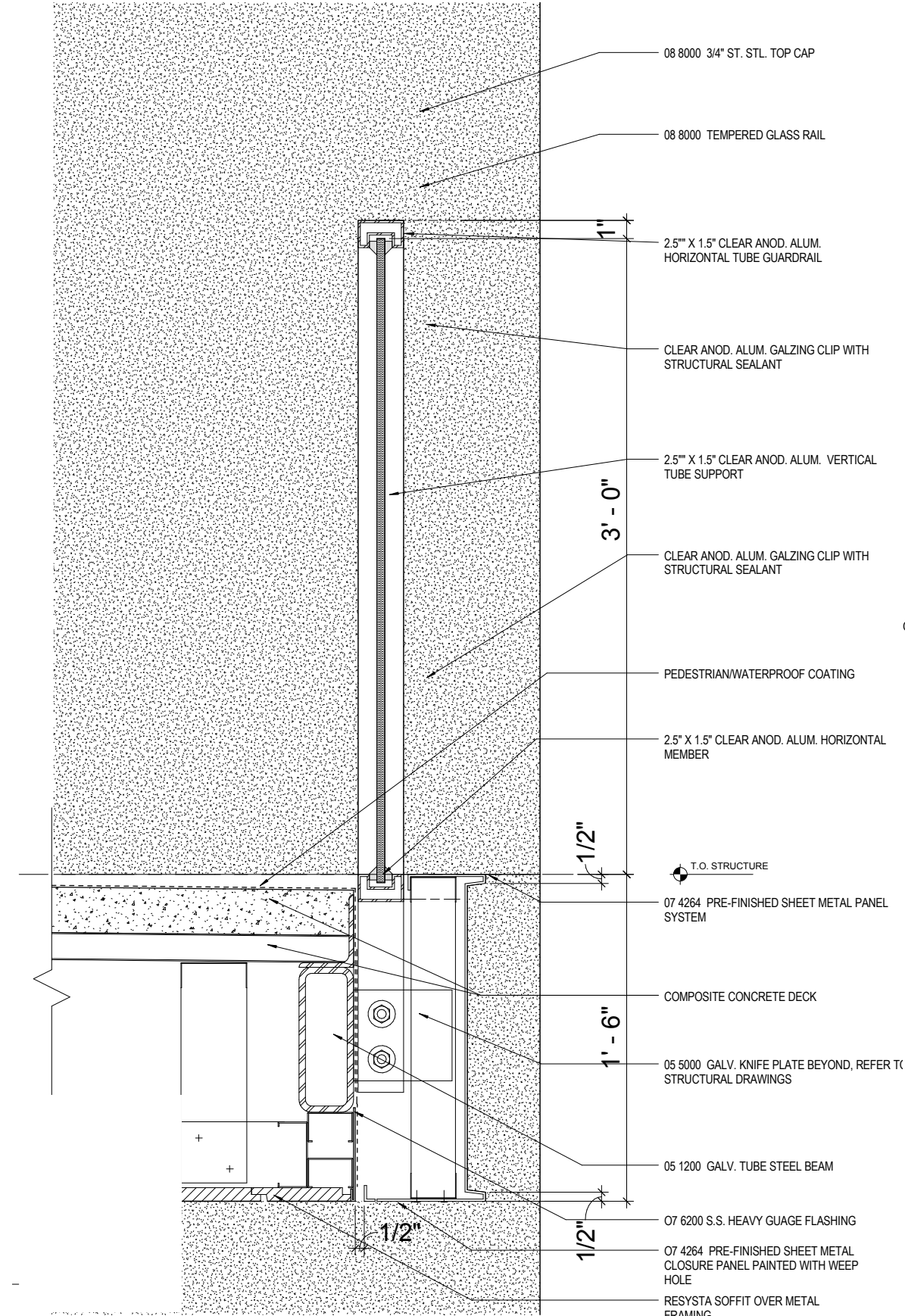
5 BALCONY PARAPET RAIL AT WOOD ASSEMBLY
3" = 1'-0"



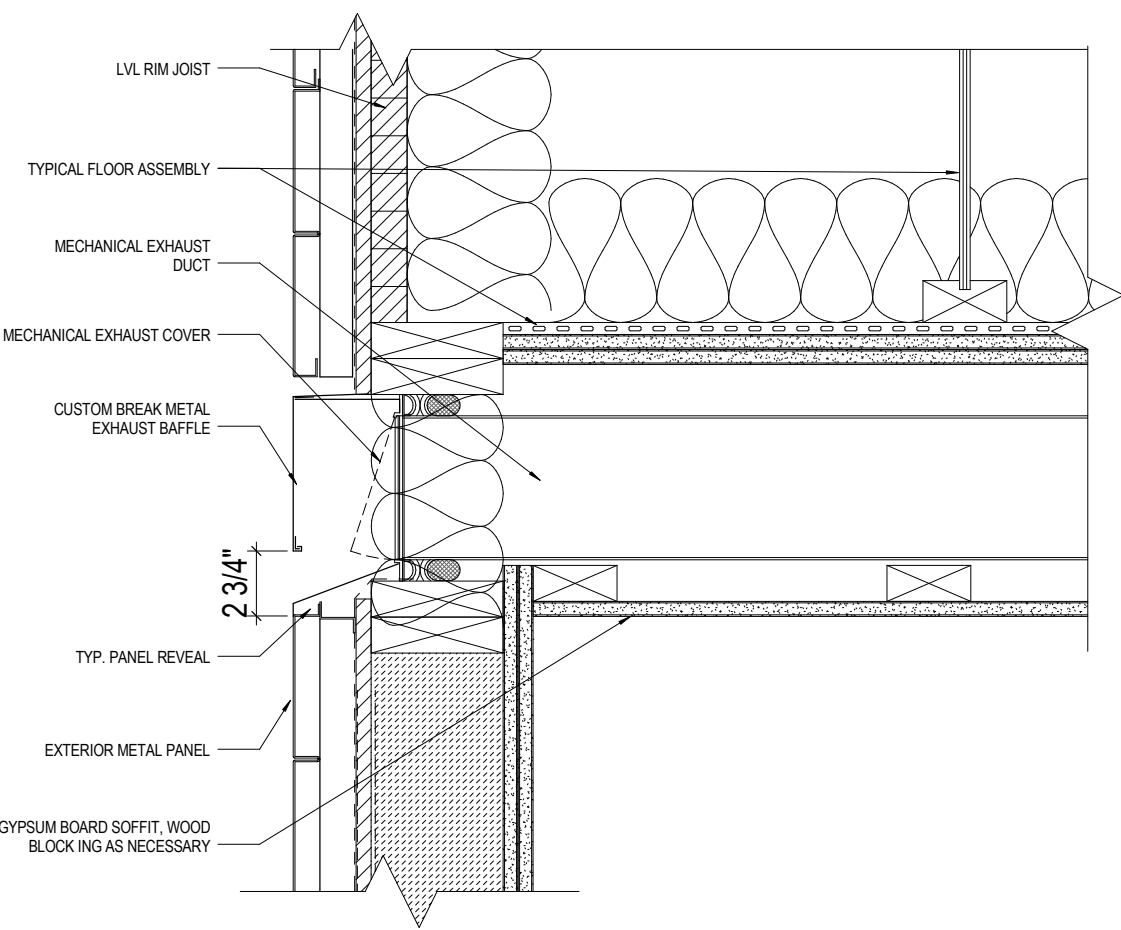
12 BALCONY PARAPET RAIL AT BRICK ASSEMBLY



1 SECTION @ ORIEL WINDOW
1 1/2" = 1'-0"

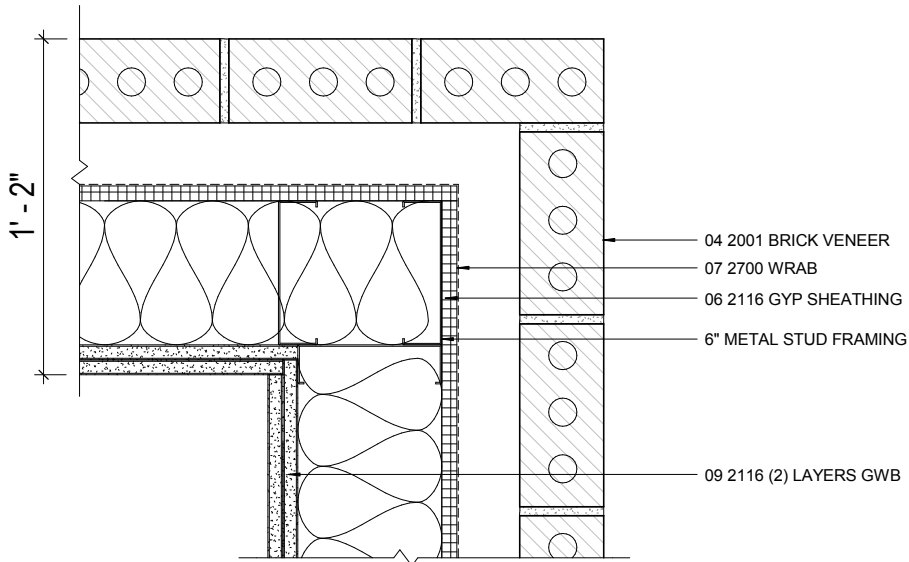


5 BALCONY RAILING AT WOOD ASSEMBLY



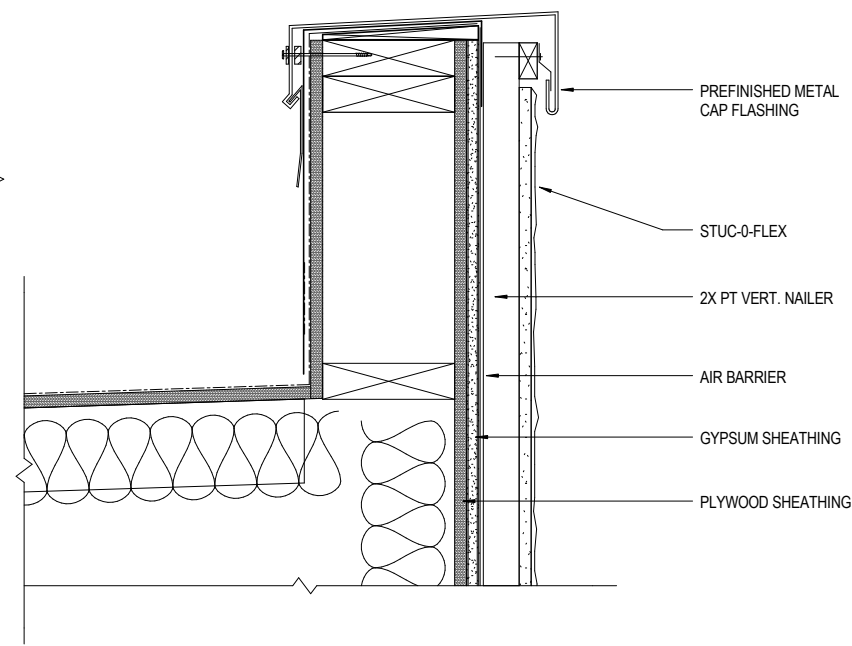
4 EXHAUST LOUVER DETAIL

3" = 1'-0"



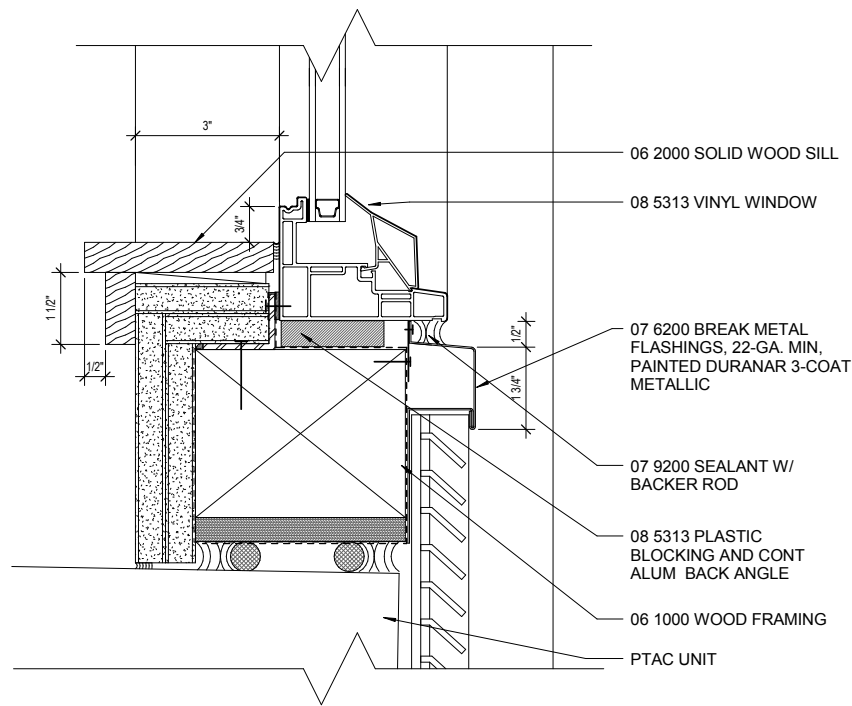
1 BRICK VENEER CORNER

3" = 1'-0"



6 ROOF PARAPET DETAIL

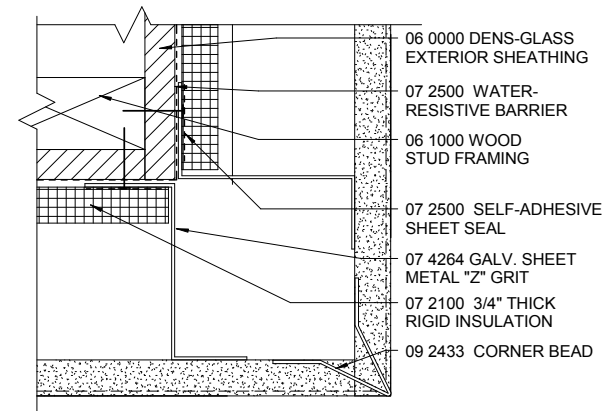
3" = 1'-0"



2 TYP. WINDOW SILL AT LOUVER

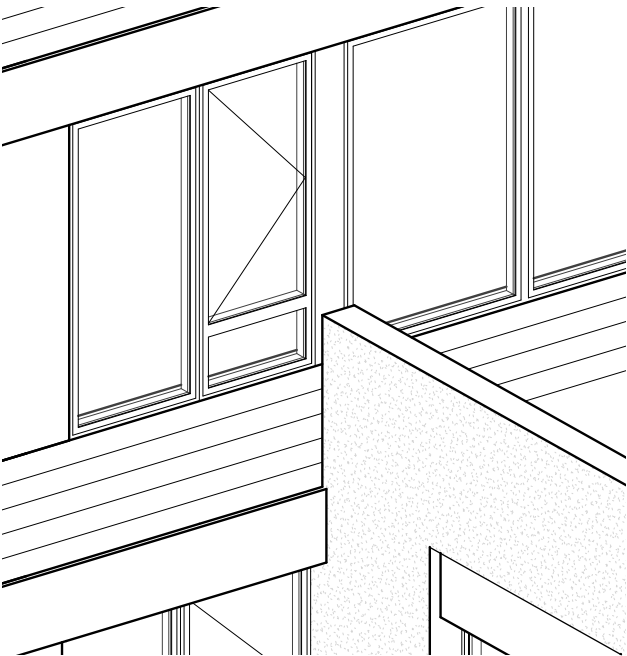
6" = 1'-0"

DETAILS

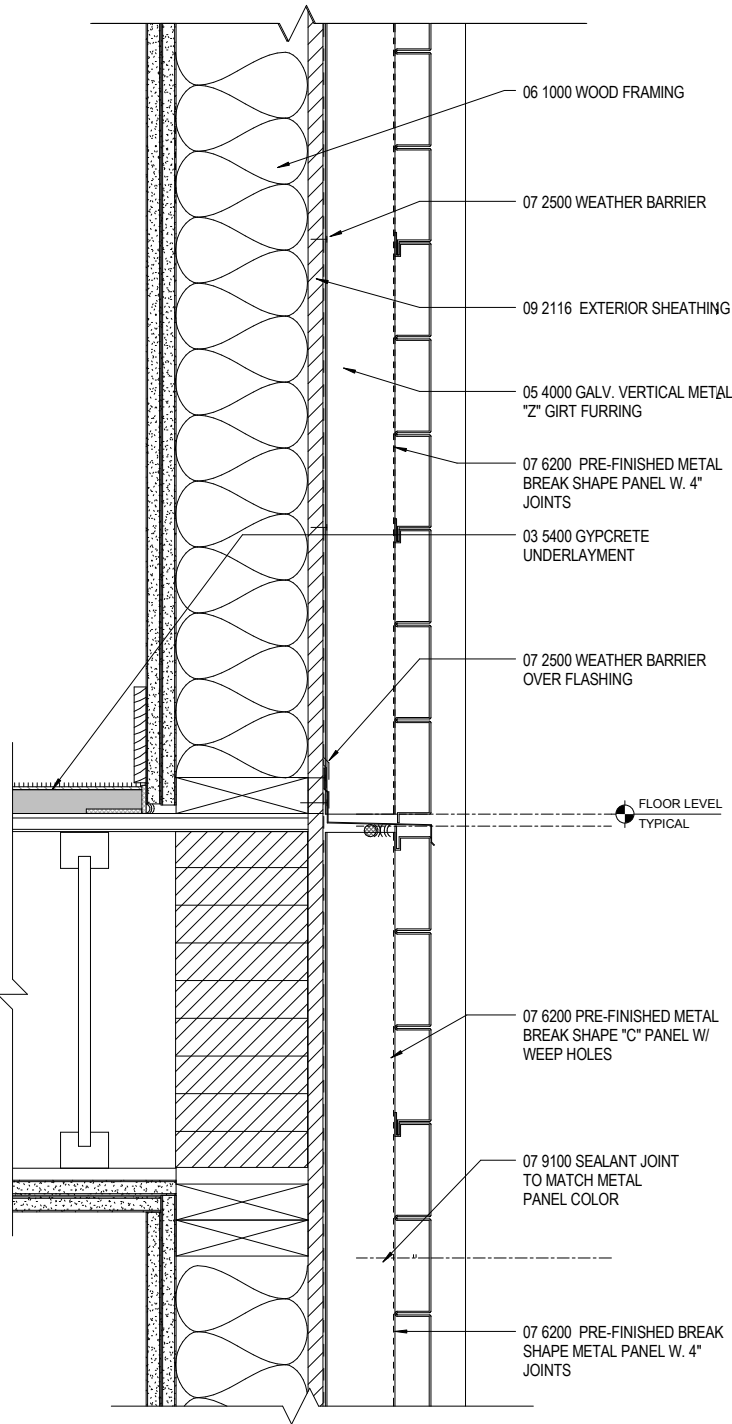


4 STUCCO OUTSIDE CORNER

6" = 1'-0"

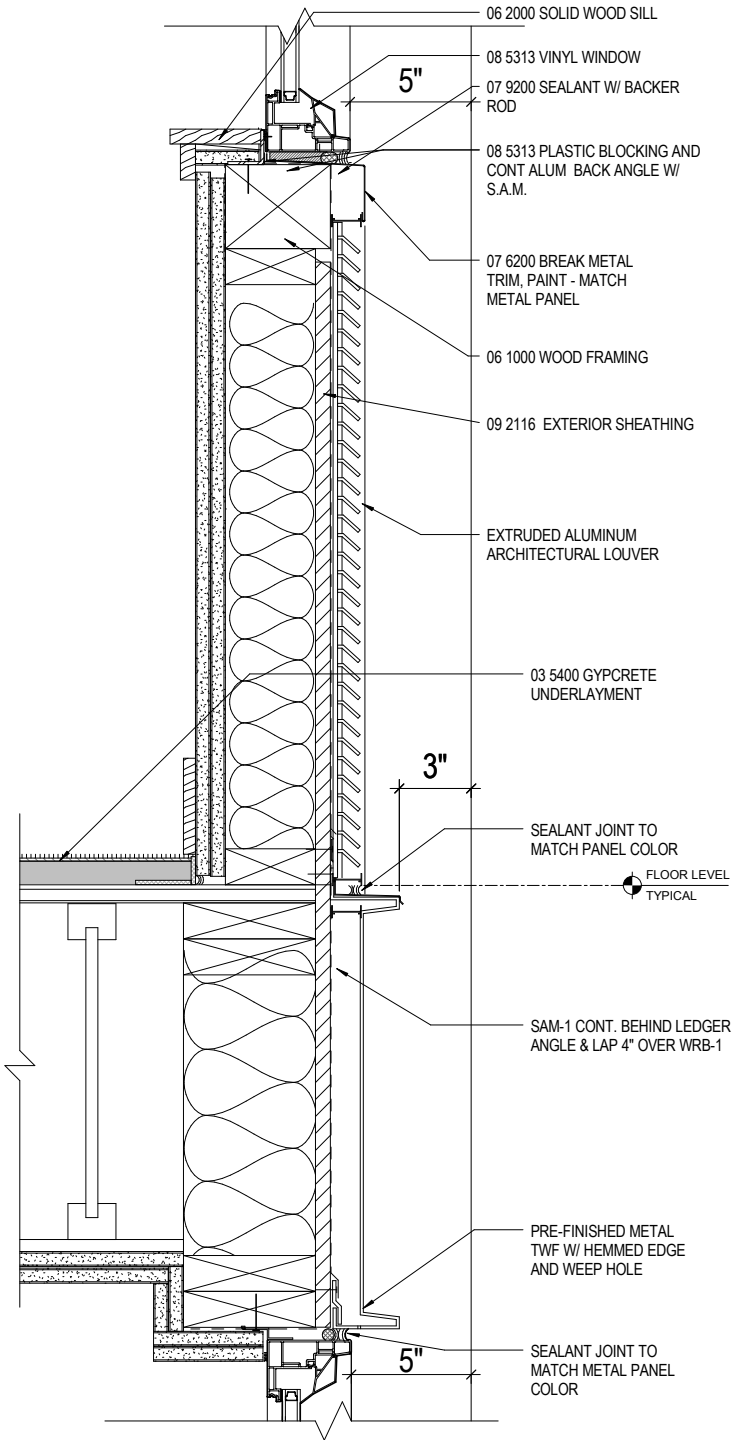


2 STUCCO PARAPET @ DOUBLE STUD WINDOW



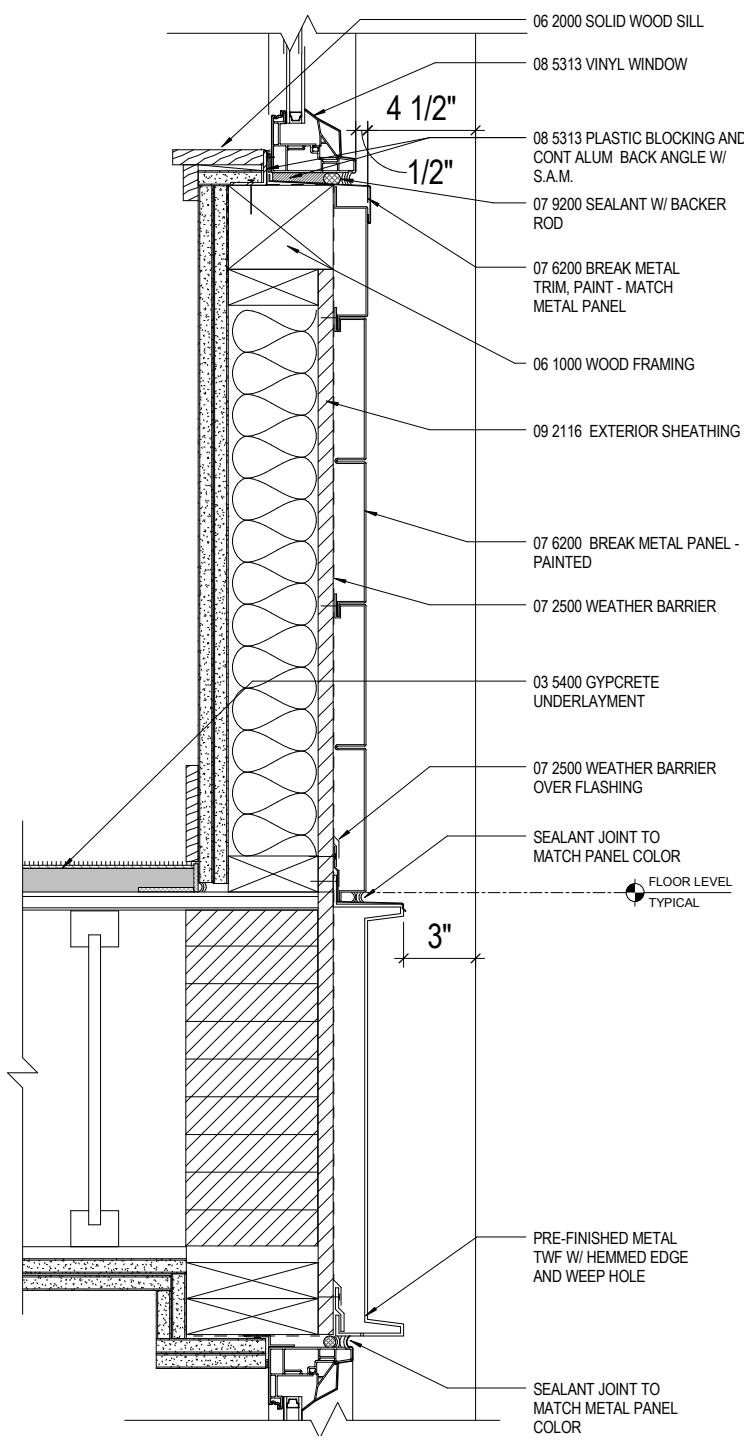
39 METAL PANELS AT FLOOR LINE

3" = 1'-0"



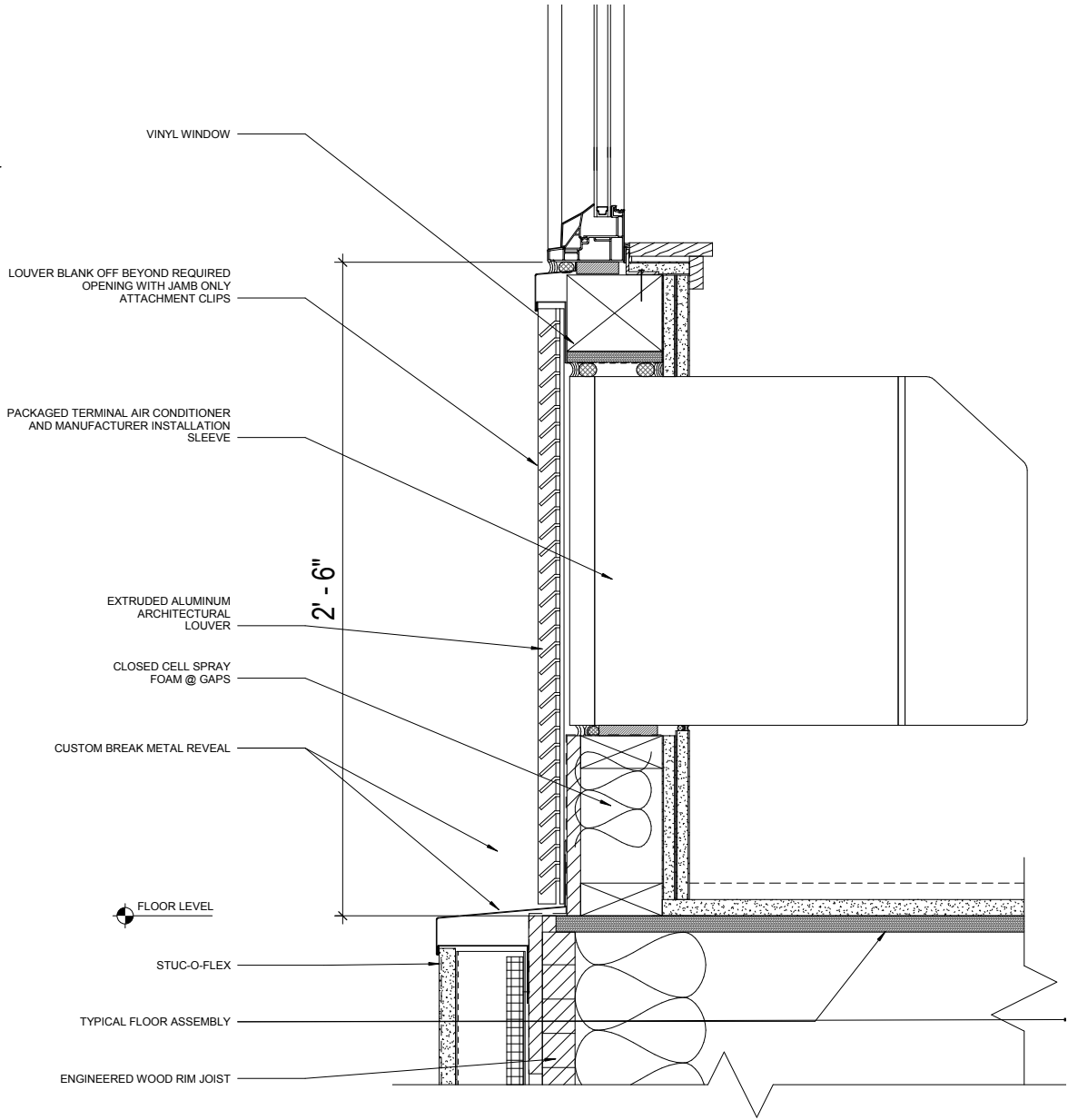
11 TYP. WINDOW SILL AT METAL LOUVER

3" = 1'-0"

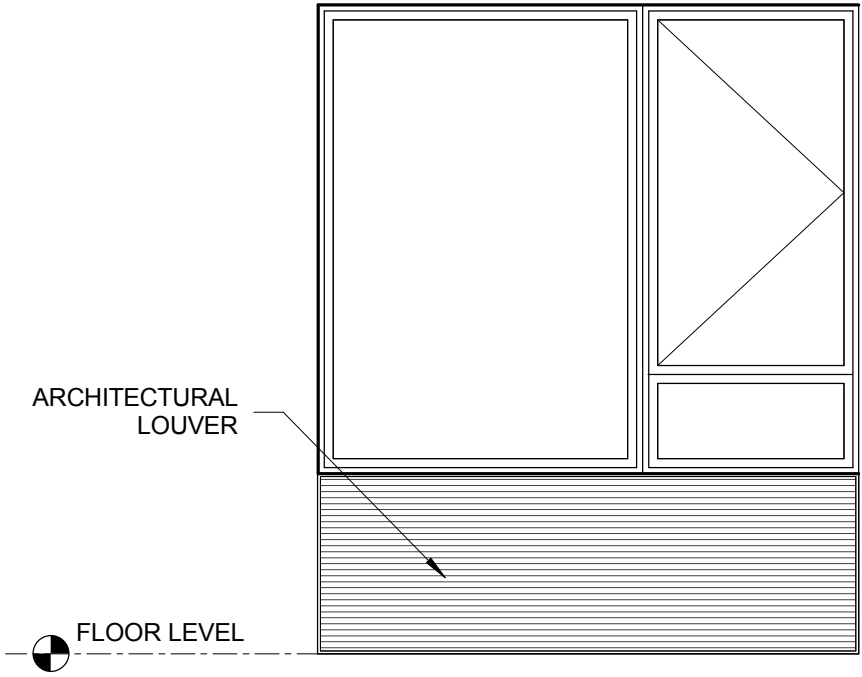


9 TYP. WINDOW SILL AT METAL PANEL

3" = 1'-0"

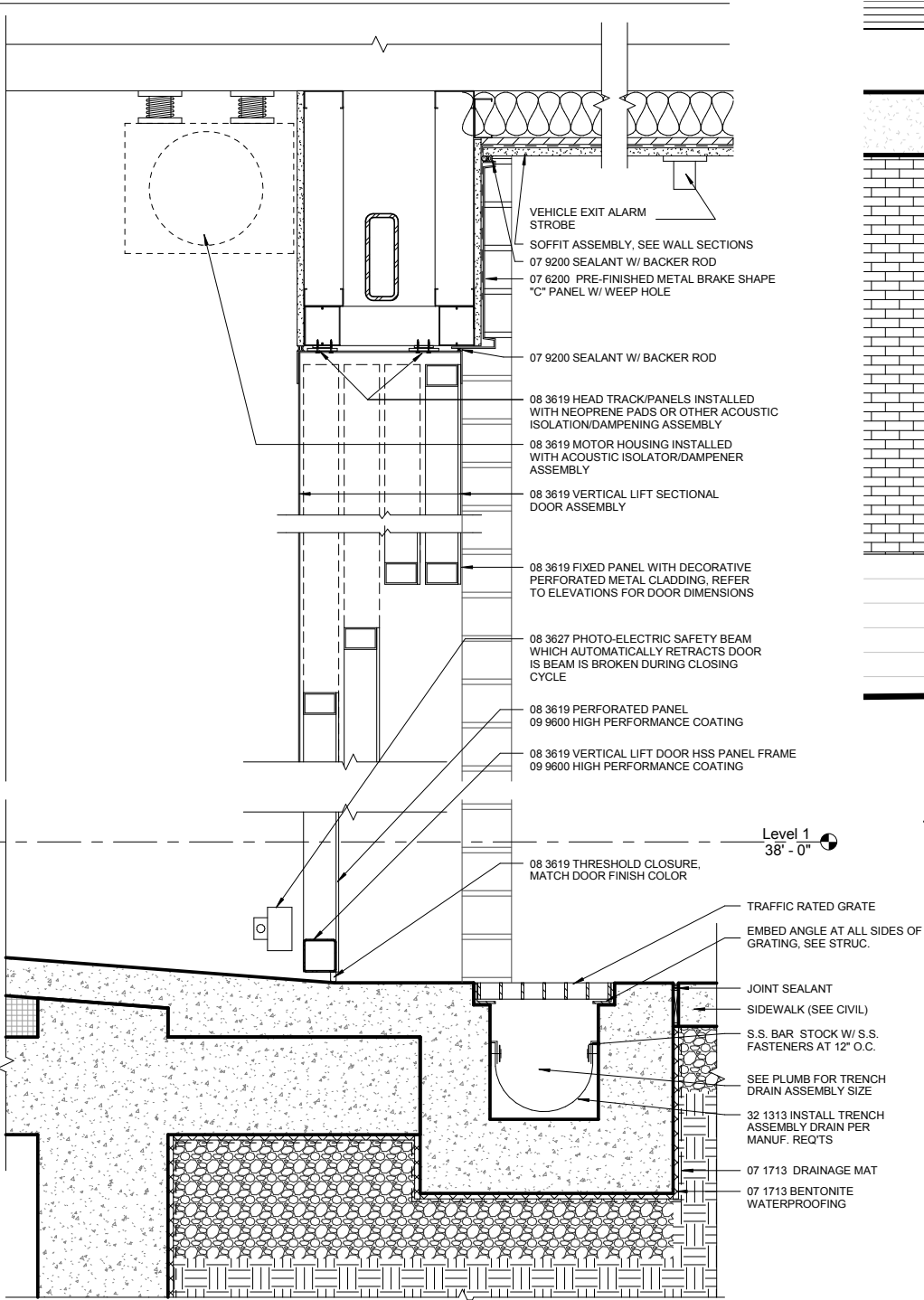


4 TYPICAL PTAC @ WOOD FRAMED EXTERIOR WALL
3" = 1'-0"



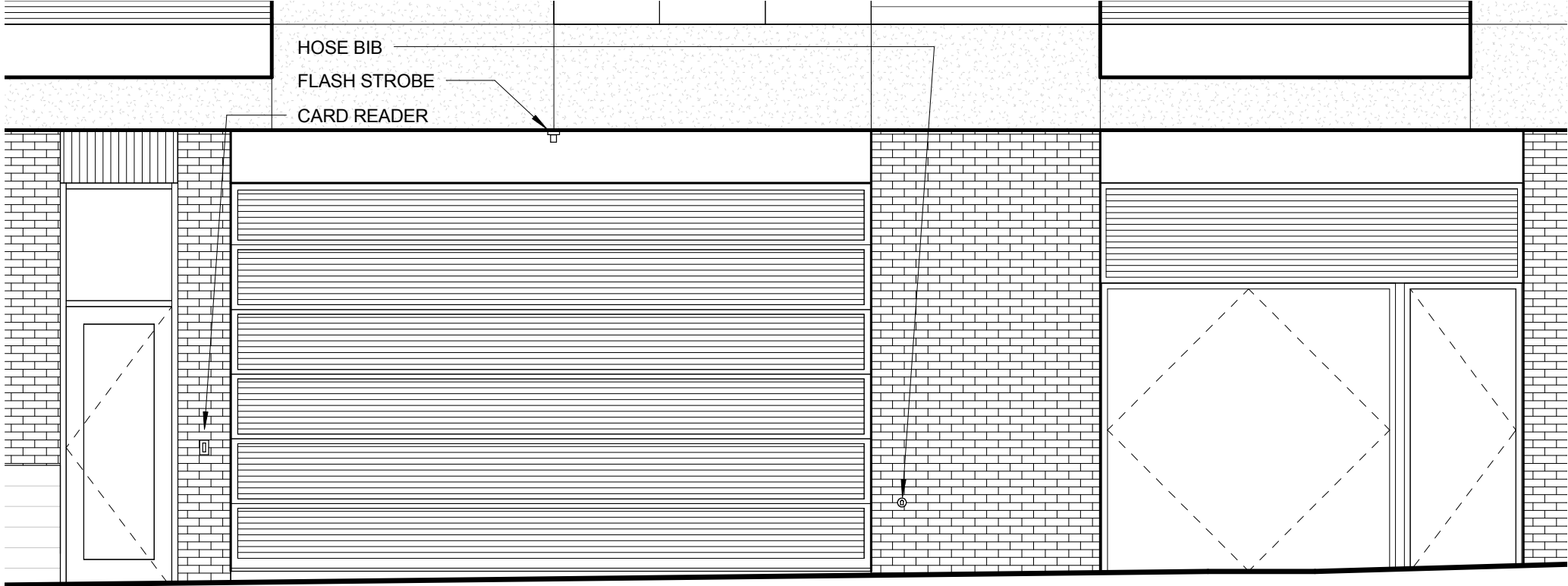
2 TYPICAL PTAC LOUVER
3/8" = 1'-0"





4 VERTICAL LIFT GARAGE DOOR SECTION @ PARKING ENTRANCE

1 1/2" = 1'-0"

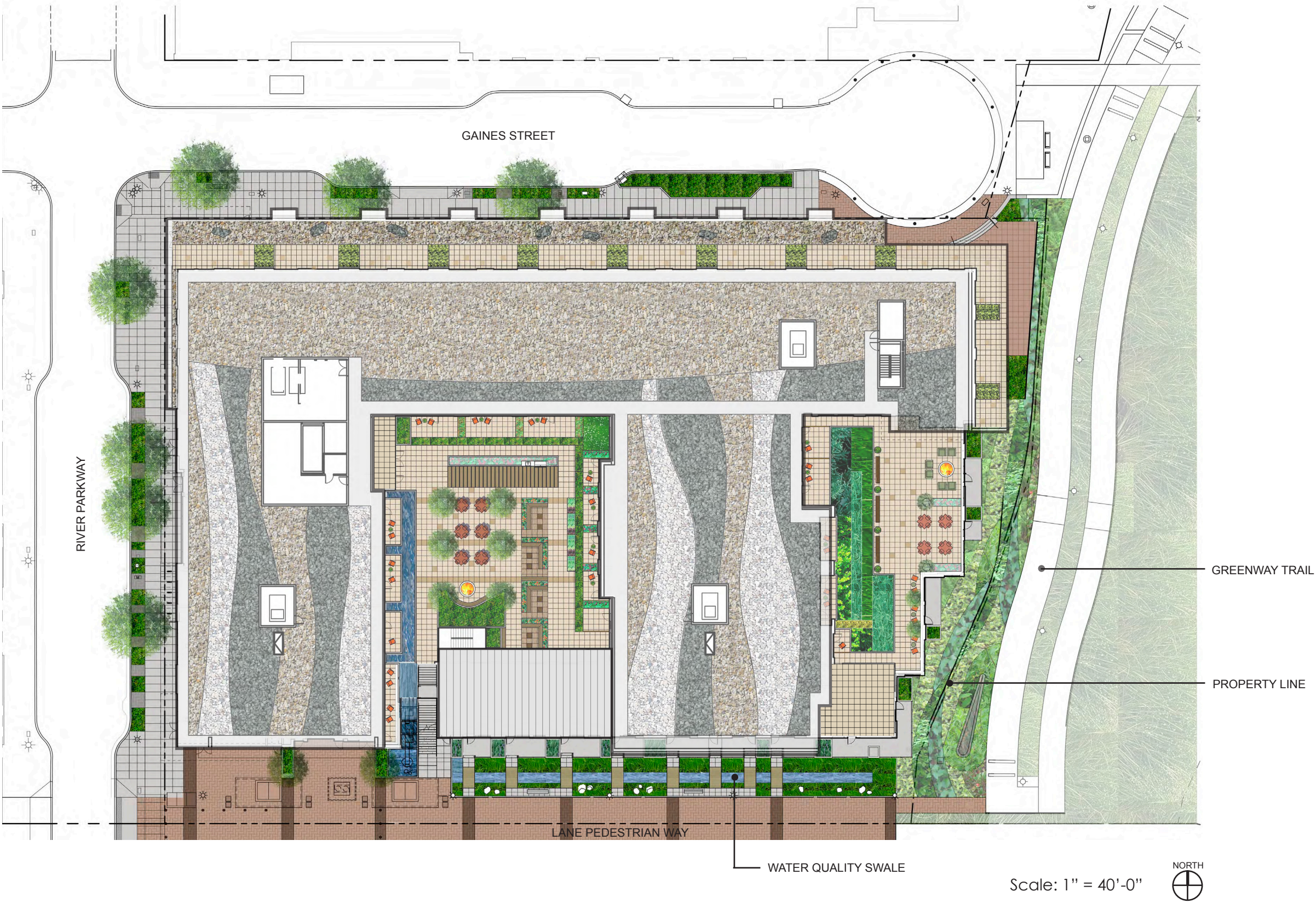


1 Garage Lift Door Elevation

1/4" = 1'-0"



DETAILS



OVERALL SITE PLAN

MATERIALS



A. Street Light - District Standard



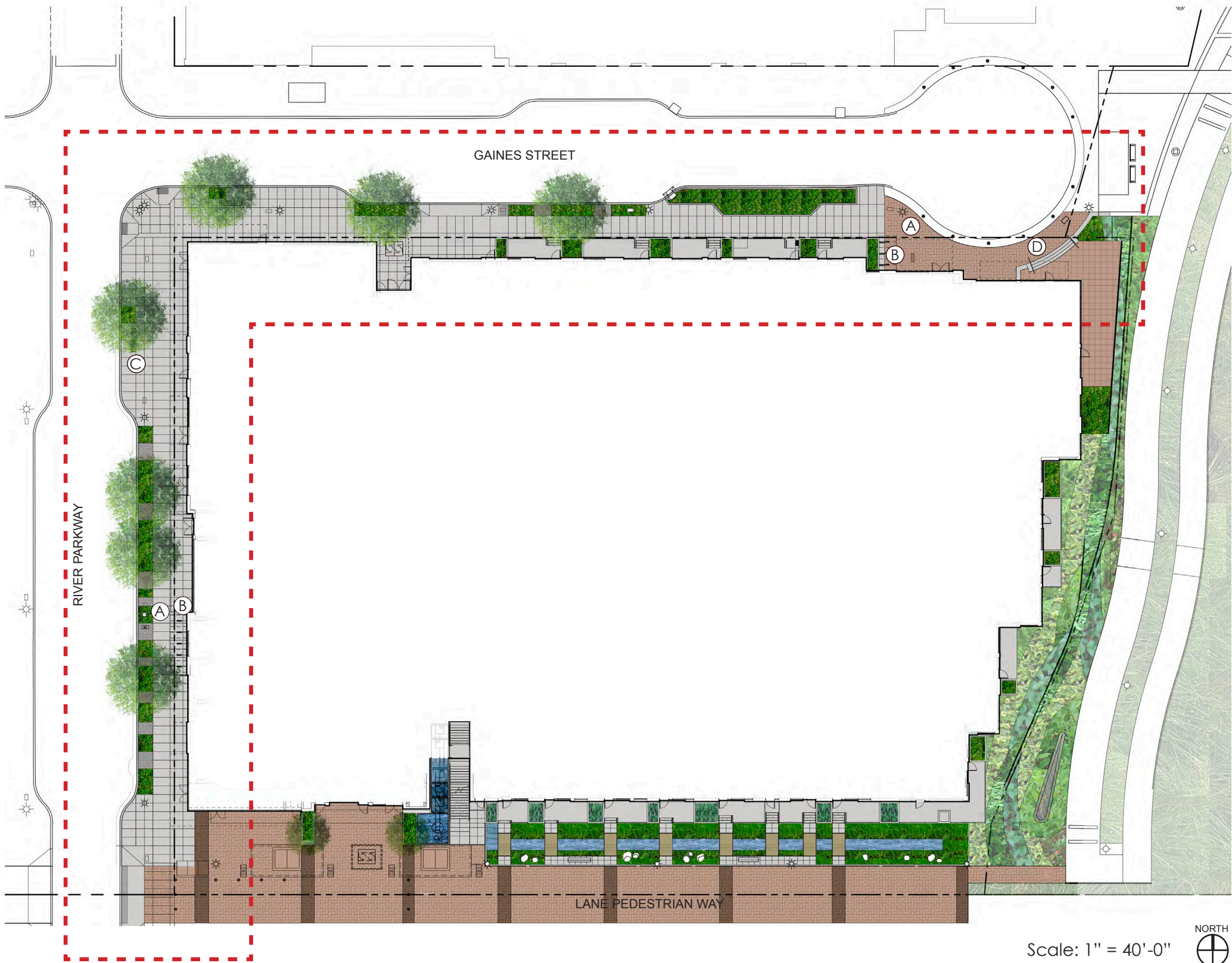
B. Bike Rack (8 Total) - District Standard



C. Bench - District Standard



D. Sand Set Pavers - District Standard



PLANT LIST

Street Trees



Accolade Elm



Black Tupelo

ROW Planting



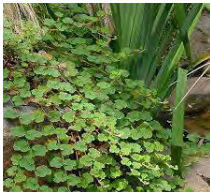
Lavender



Boxleaf Hebe



Dwarf Maiden Grass



Creeping Raspberry

RIVER PKWY. AND GAINES ST.

MATERIALS



A. Street Light - District Standard



B. Storm Swale Bridge



C. Water Steps



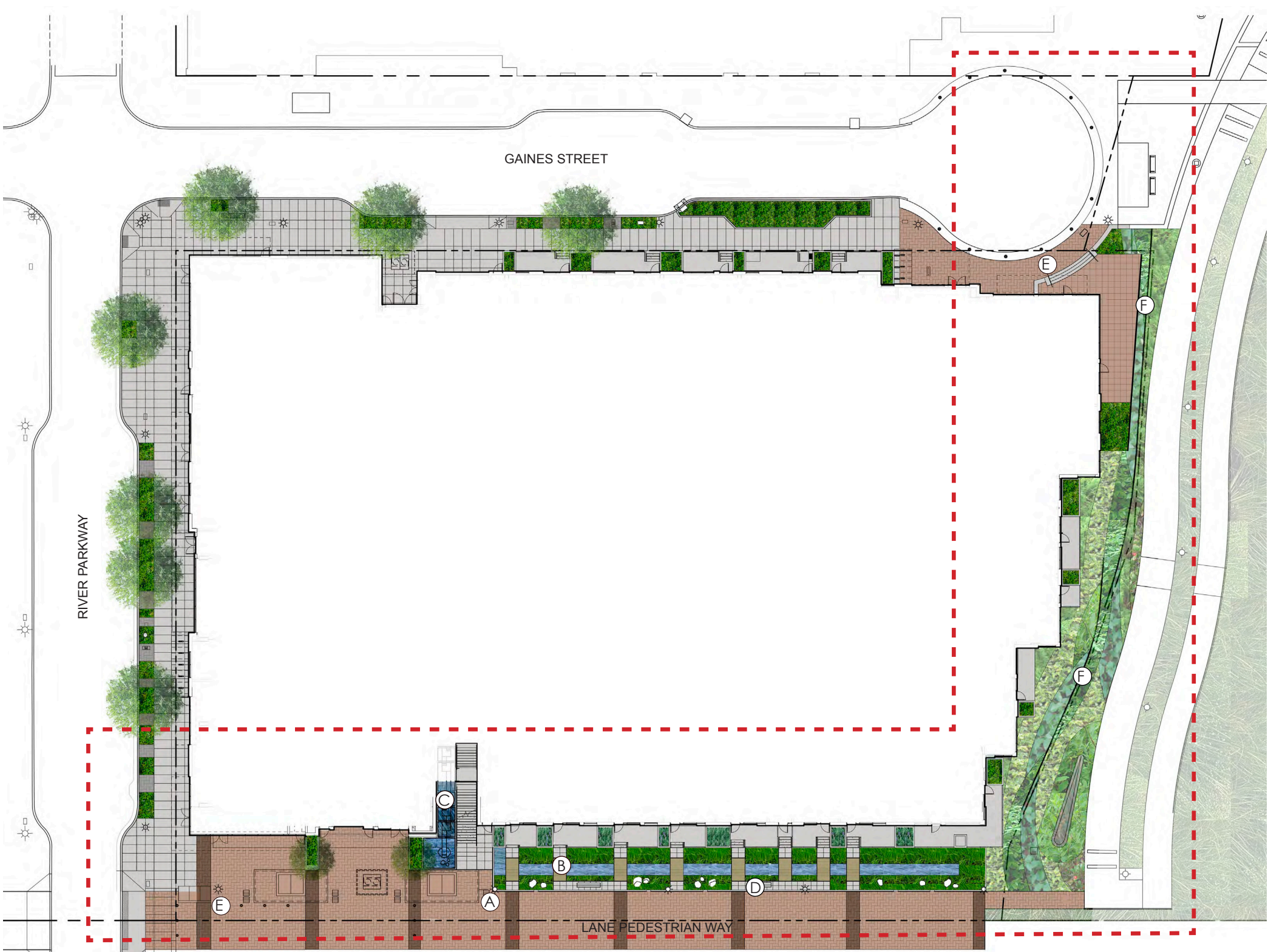
D. Bench - District Standard



E. Bollard & Pavers - District Standard



F. Stormwater Planter



Scale: 1" = 40'-0"



PLANT LIST

STORMWATER PLANTER



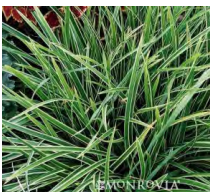
Kelsey Dogwood



Juncus



Carex



Variegated Sedge

GREENWAY



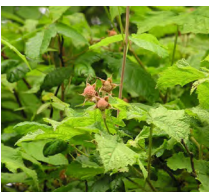
Red Twig Dogwood



Oregon Grape



Birchleaf Spirea



Thimbleberry

PATIO PLANTERS



Nandina



Boxleaf Hebe



Blue Fescue

LANE ACCESS AND WILLAMETTE GREENWAY

MATERIALS



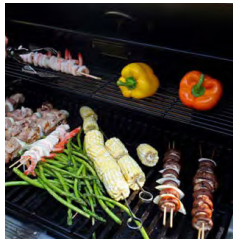
A. Metal Planter



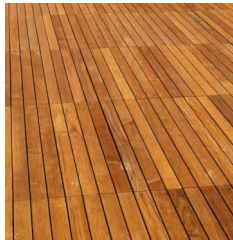
B. Wood Trellis



C. Fire Pit



D. Outdoor Kitchen



E. Wood Decking



F. Garden Planters



G. Movable Furniture



H. Flow Through Planter



I. 24"x24" Pedestal Paver

PLANT LIST



Japanese Maple



Italian Cypress



Boxleaf Hebe



Nandina



Lavender



Dwarf Fountain Grass



Blue Fescue



Scale: 1" = 20'-0"



LEVEL 2 TERRACES

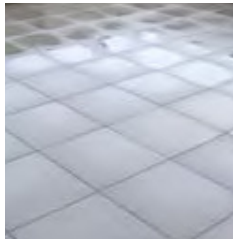
MATERIALS



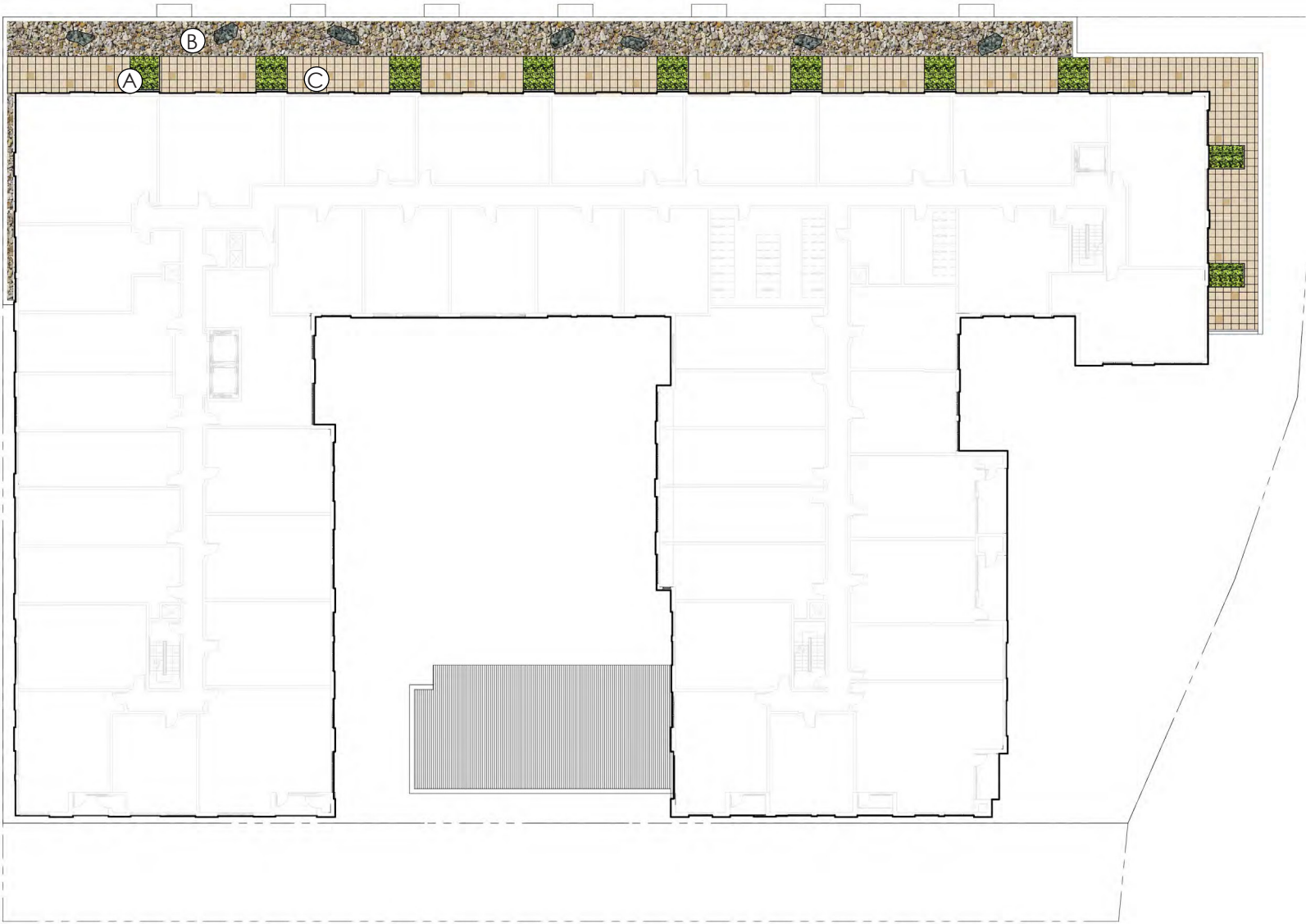
A. Metal Planter



B. Type C
Decorative Rock



C. 24"x 24" Pedestal Paver



Scale: 1" = 40'-0"



LEVEL 5 TERRACES

MATERIALS



A. Type A
Decorative Rock



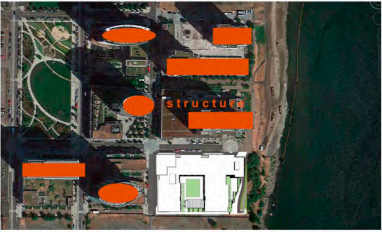
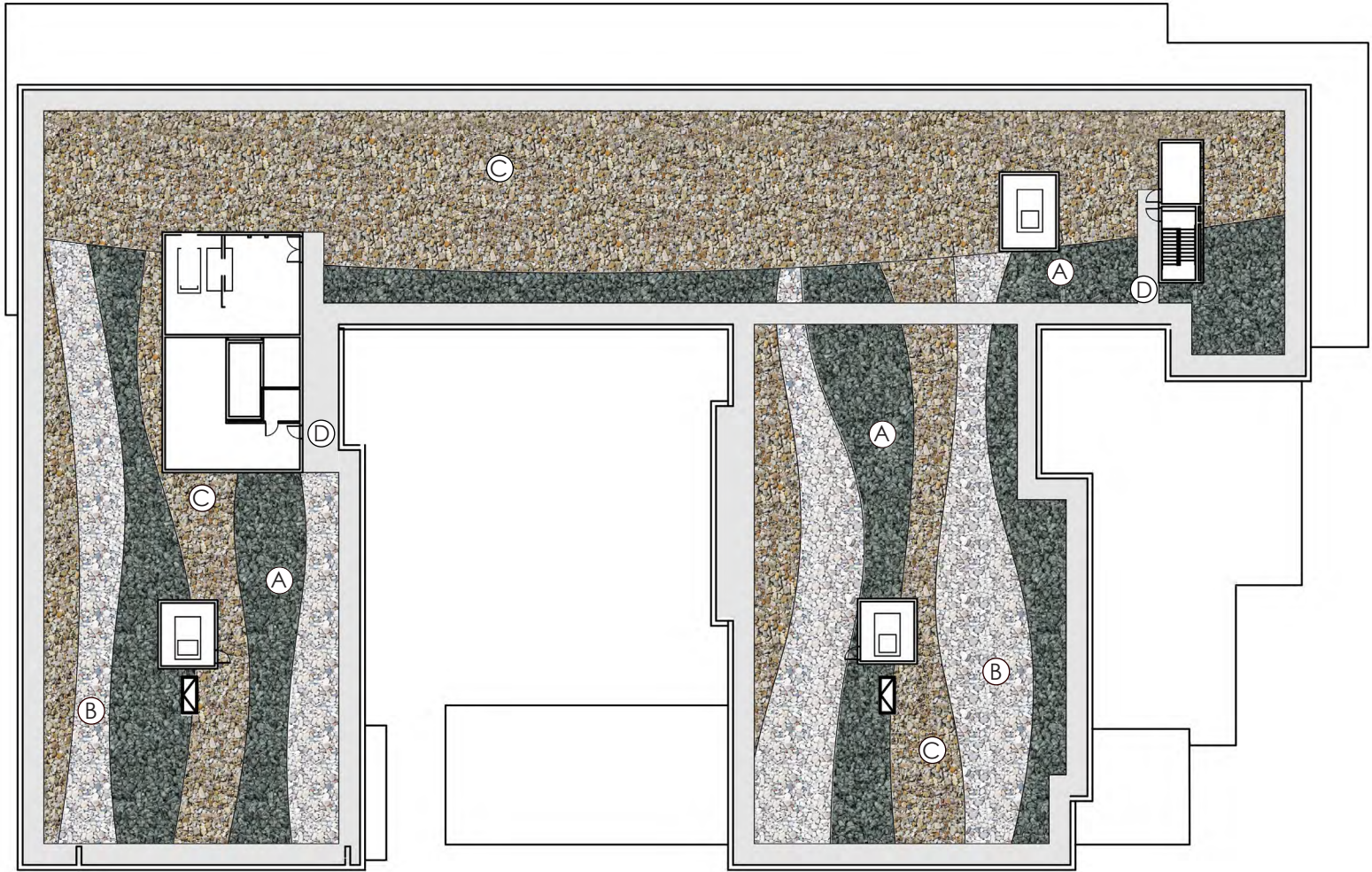
B. Type B
Decorative Rock



C. Type C
Decorative Rock



D. 24"x 24" Pedestal Paver

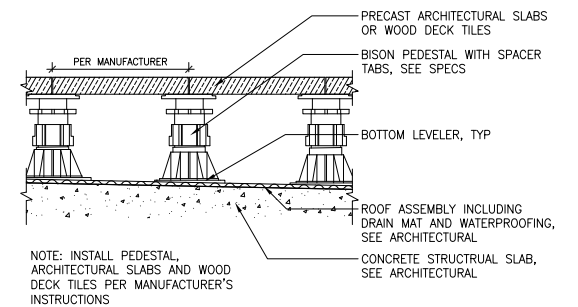


The rock design for the roof utilizes simple shapes that address the strong east/west building forms and the north/south flow of the river.

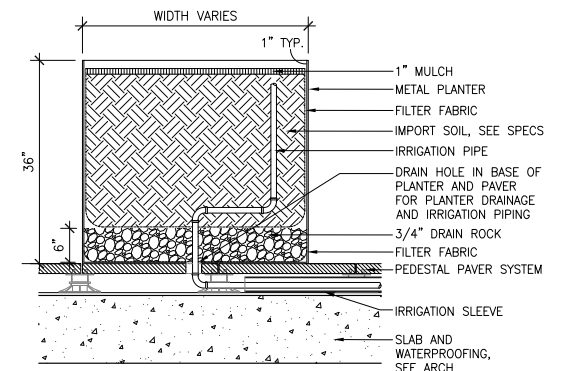
Scale: 1" = 40'-0"



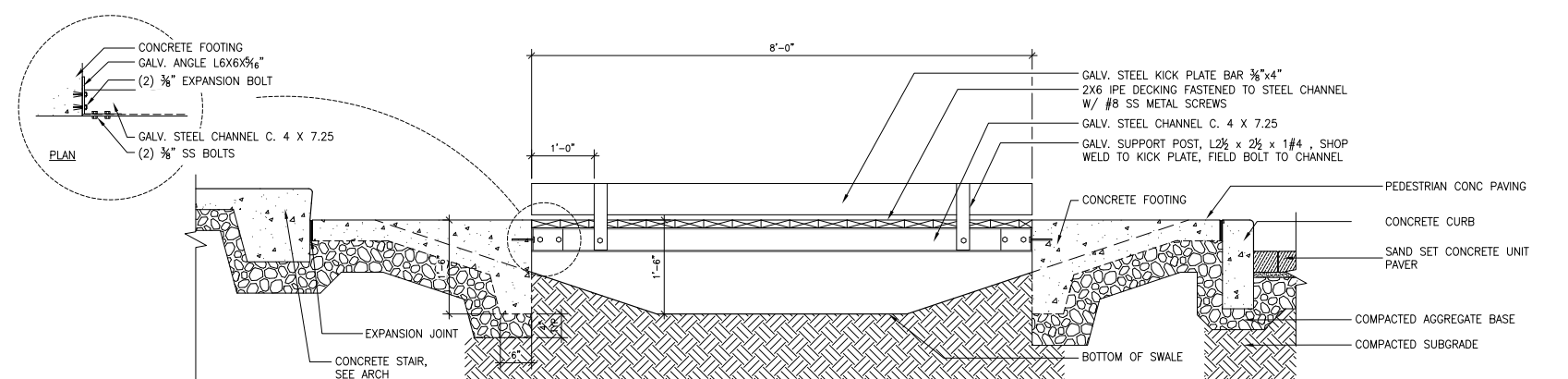
ROOF PLAN



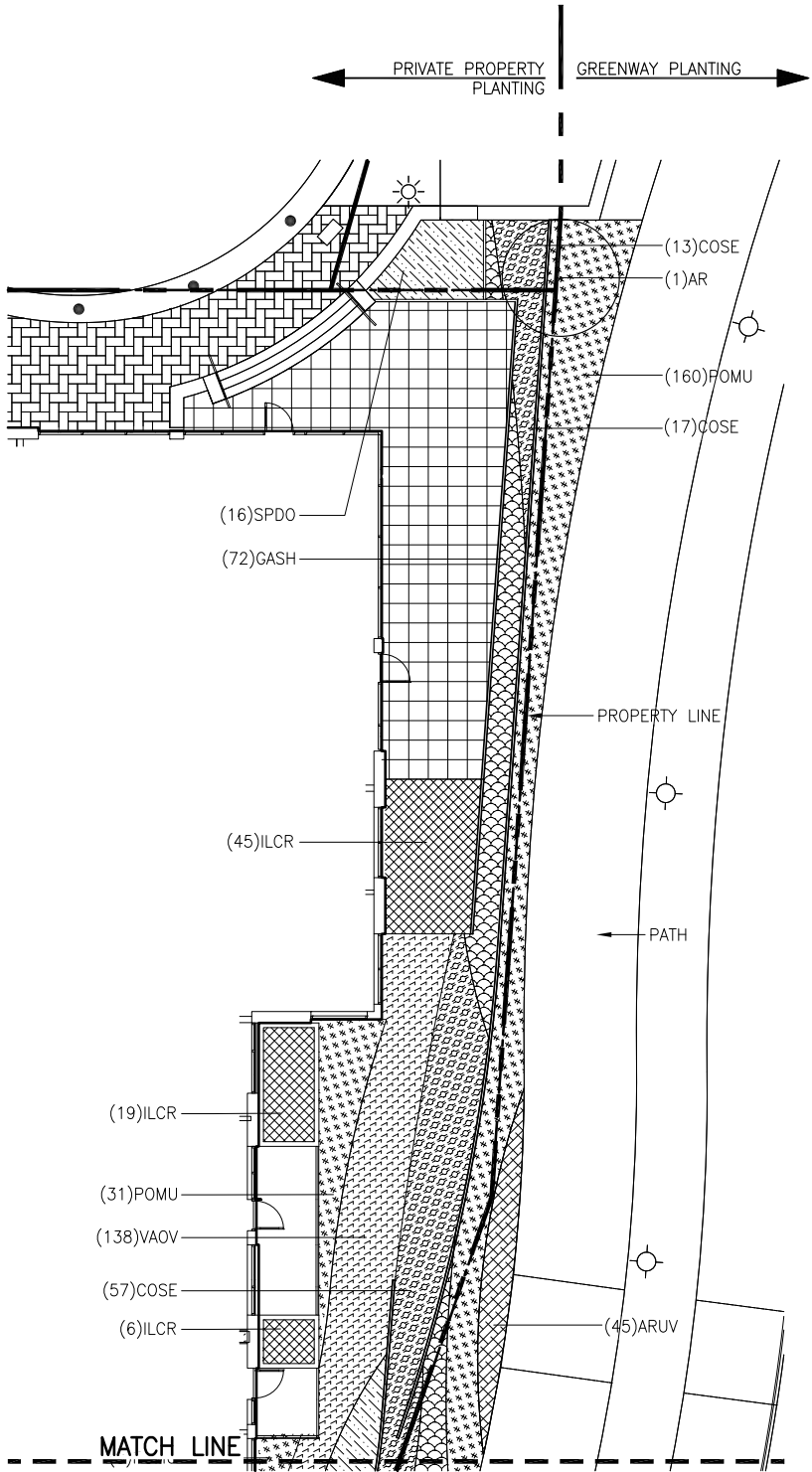
Section
SCALE: 1 1/2" = 1'-0"



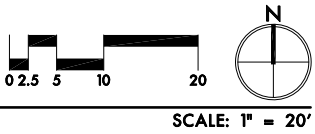
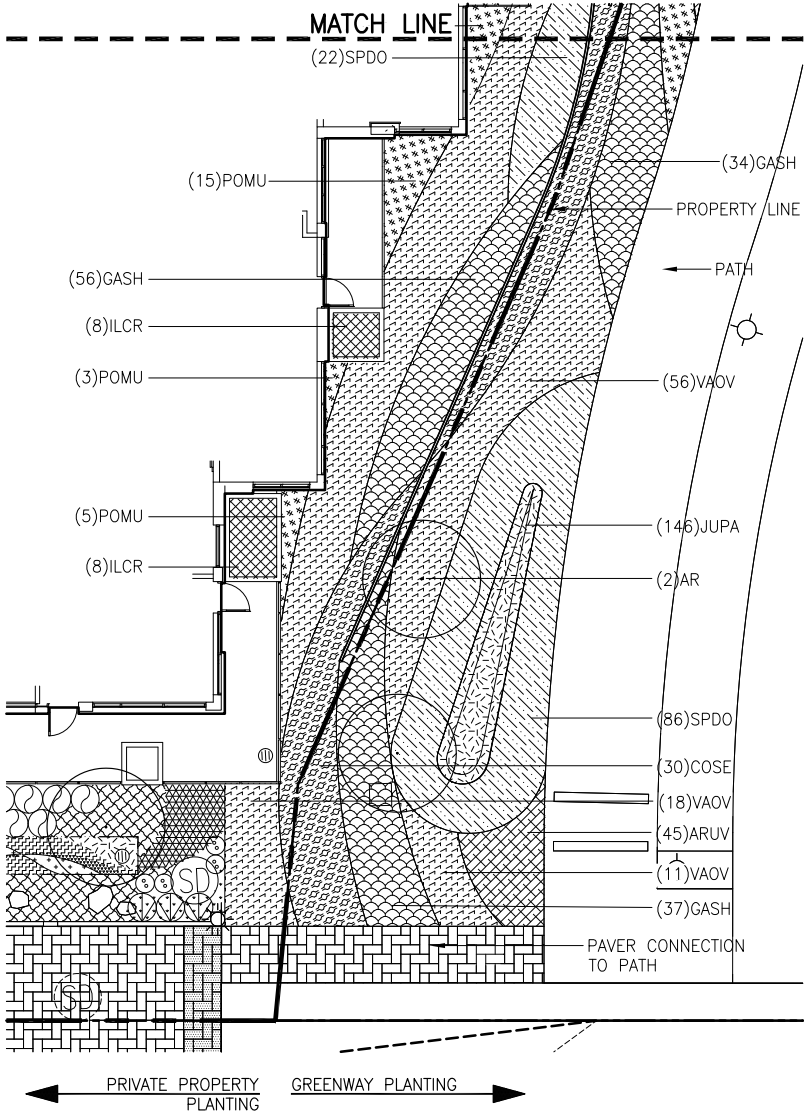
Section
SCALE: 1"=1'-0"



Section
SCALE: 1" = 1'-0"



1 GREENWAY PLANTING PLAN



PLANT SCHEDULE - GREENWAY (SUBAREA 3)					
SYMBOL	ABBR.	BOTANICAL NAME	COMMON NAME	SIZE/COND	SPACING
TREES					
	AR	Alnus rubra	Red Alder	2" CAL/ B&B	AS SHOWN
SHRUBS, GRASSES AND GROUNDCOVERS					
*	ARUV	Arctostaphylos uva ursi	Kinnikinnick	#1/CONT	18" O.C. Δ
*	COSE	Cornus sericea	Red-osier Dogwood	#1/CONT	3' O.C. Δ
*	GASH	Gaultheria shallon	Salal	#1/CONT	30" O.C. Δ
*	JUPA	Juncus patens	Spreading Rush	#1/CONT	12" O.C. Δ
*	POMU	Polystichum munitum	Sword Fern	#1/CONT	2' O.C. Δ
*	SPDO	Spirea douglasii	Douglas Spirea	#1/CONT	30" O.C. Δ
*	VAOV	Vaccinium ovatum	Evergreen Huckleberry	#1/CONT	30" O.C. Δ

* Denotes plant is on approved Table 510-3 (Planning and Zoning Code Title 33)

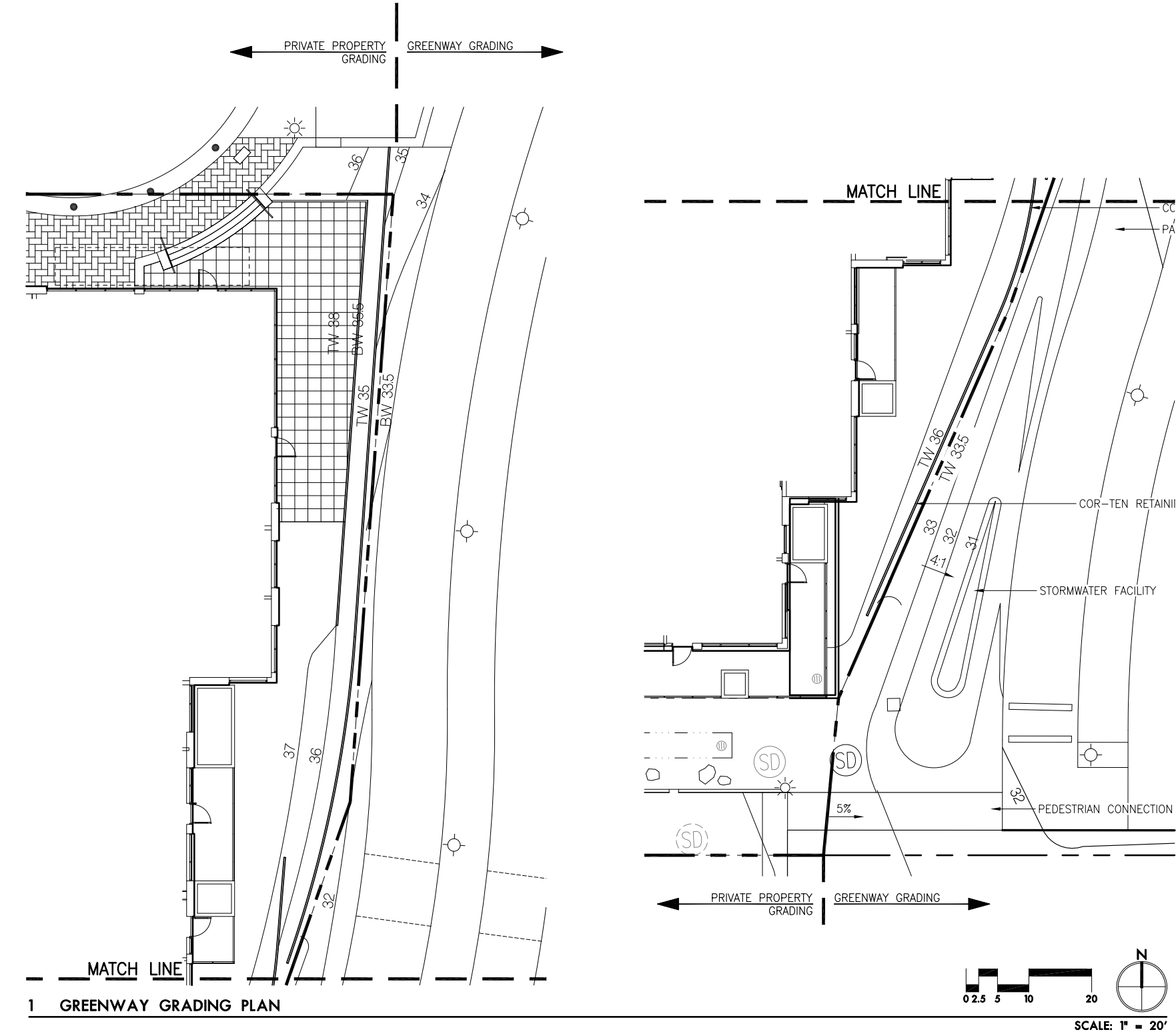
PLANT SCHEDULE - PRIVATE PROPERTY ADJACENT TO GREENWAY					
SYMBOL	ABBR.	BOTANICAL NAME	COMMON NAME	SIZE/COND	SPACING
SHRUBS, GRASSES AND GROUNDCOVERS					
*	COSE	Cornus sericea	Red-osier Dogwood	#1/CONT	3' O.C. Δ
*	GASH	Gaultheria shallon	Salal	#1/CONT	30" O.C. Δ
*	ILCR	Ilex crenata 'Helleri'	Japanese Holly	#1/CONT	2' O.C. Δ
*	POMU	Polystichum munitum	Sword Fern	#1/CONT	2' O.C. Δ
*	SPDO	Spirea douglasii	Douglas Spirea	#1/CONT	30" O.C. Δ
*	VAOV	Vaccinium ovatum	Evergreen Huckleberry	#1/CONT	30" O.C. Δ

* Denotes plant is on approved Table 510-3 (Planning and Zoning Code Title 33)

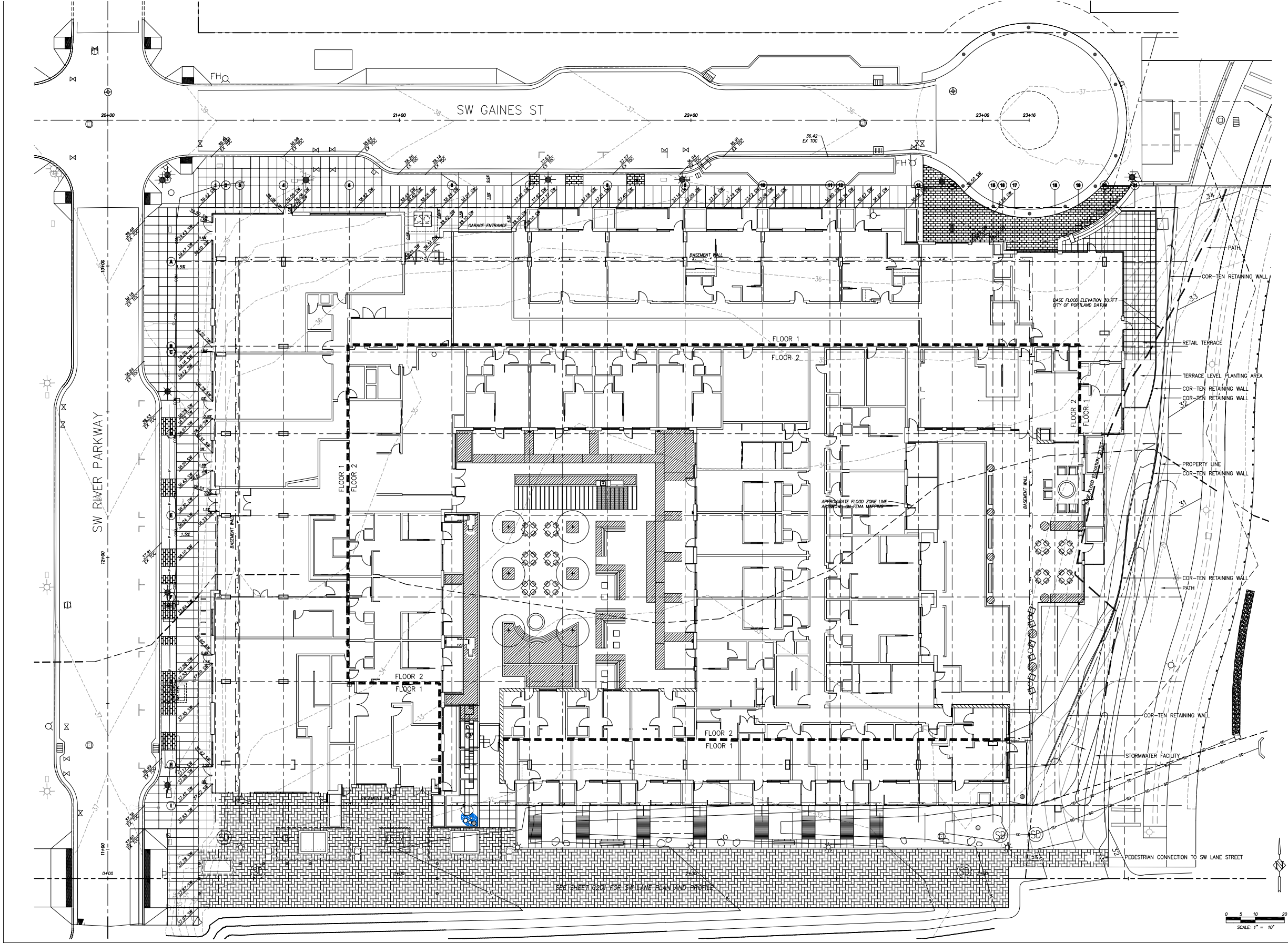
GREENWAY NOTES

- TOTAL GREENWAY AREA (SUBAREA 3): 2,243 SF
- REQUIRED PLANTING:
 - 1 TREE PER 1000 SF = 2.2 TREES (3 PROVIDED)
 - 60% PLANTED IN SHRUBS = 1,346 SF (2,243 SF PROVIDED)
- ALL PLANT MATERIAL PLANTED IN THE GREENWAY IS FROM TABLE 510-3. (ONLY 50% REQUIRED).
- ALL PLANTING WILL BE PLANTED AT A SUFFICIENT SIZE AND NUMBER TO MEET THE COVERAGE STANDARDS WITHIN FIVE YEARS.

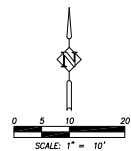
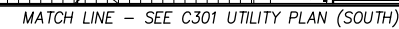
WILLAMETTE GREENWAY PLANTING PLAN



WILLAMETTE GREENWAY GRADING PLAN

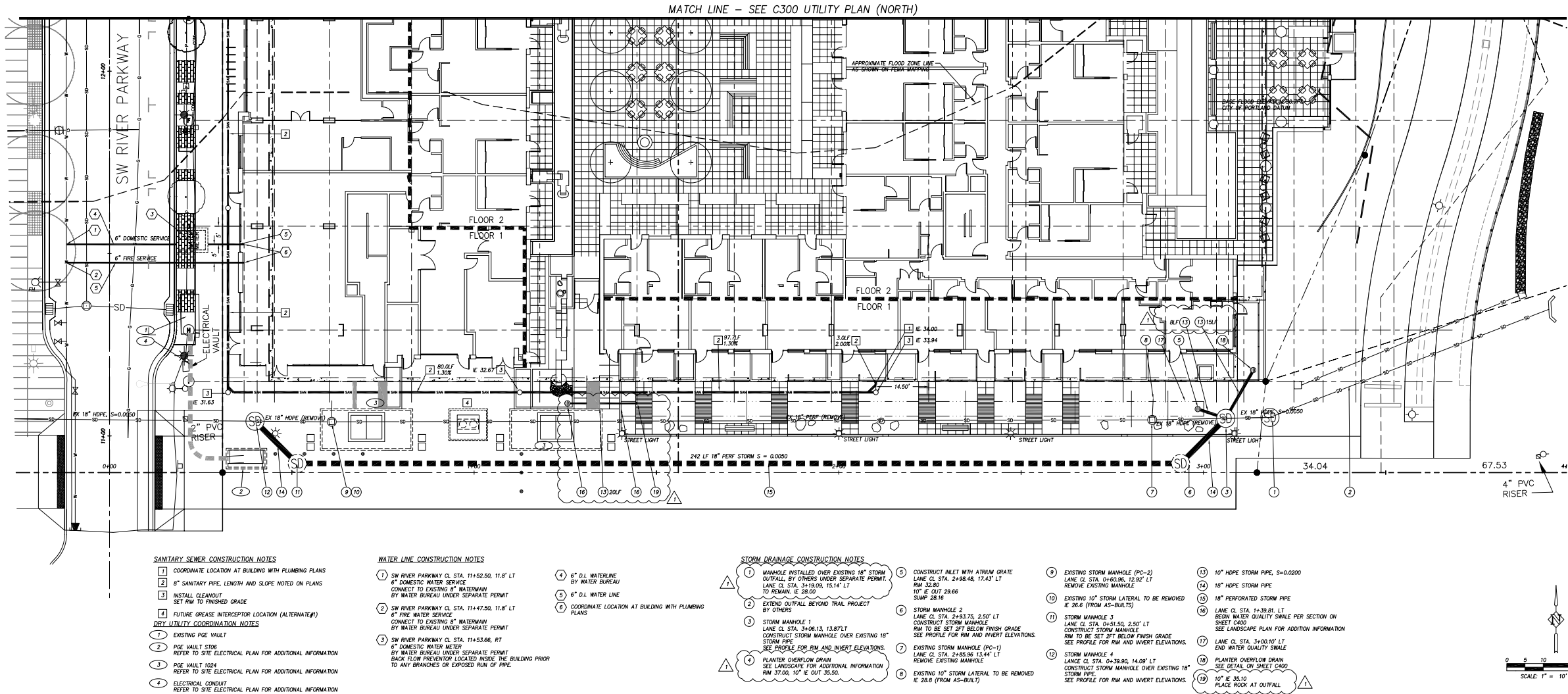
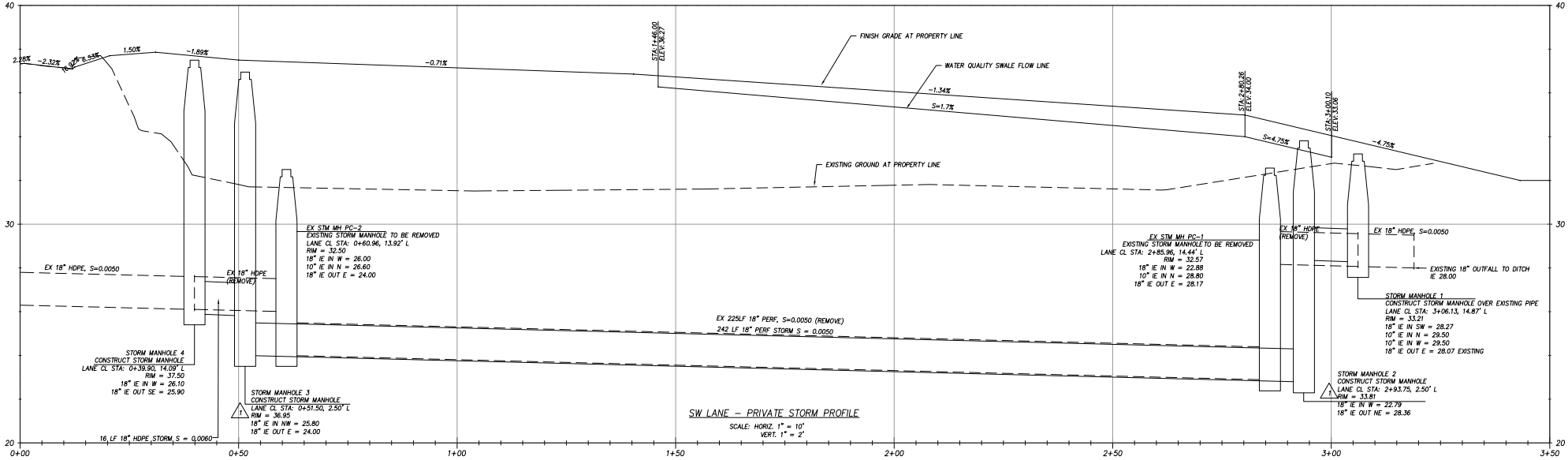


CIVIL GRADING PLAN



STORM DRAINAGE CONSTRUCTION NOTES

- 1 PUBLIC STORMWATER FACILITY
CONSTRUCTED UNDER SEPARATE PUBLIC WORKS
PERMIT
- 2 SW GAINES CL STA. 22+52.54' RT
INSTALL INLET
CONSTRUCTED UNDER SEPARATE PUBLIC WORKS
PERMIT



UTILITIES PLAN SOUTH

GBD

APPENDIX A

MATERIALS AND PHOTOS

Block 37 Apartments
April 29, 2014

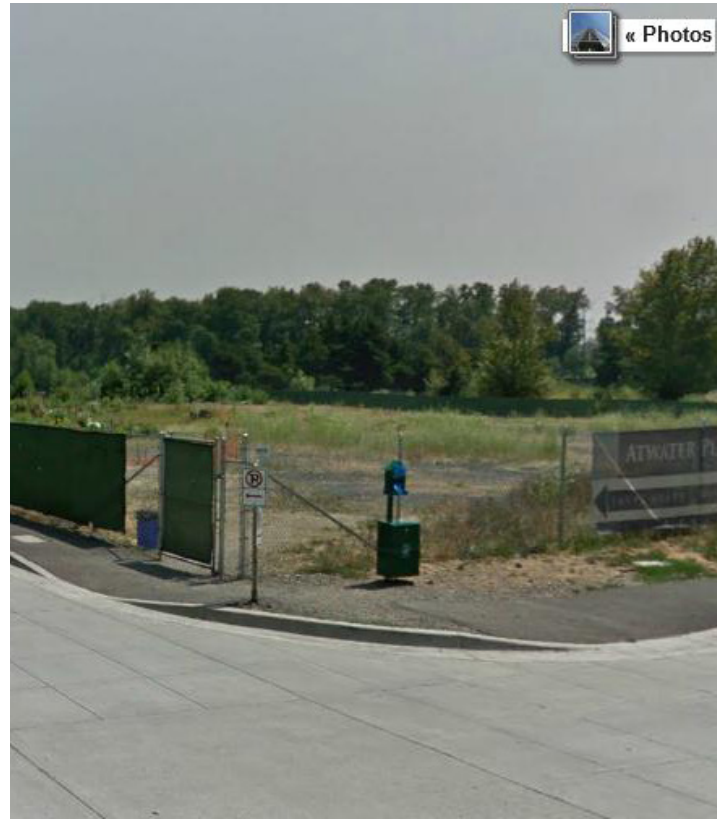


Southwest Gaines Street / Southwest River Parkway, Portland, Oregon, United States
Address is approximate

CONTEXT PHOTOS



CONTEXT PHOTOS



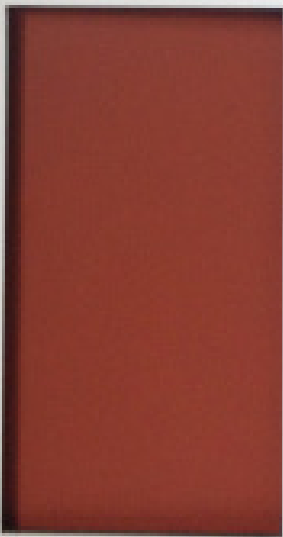
SITE PHOTOS



Southwest Corner



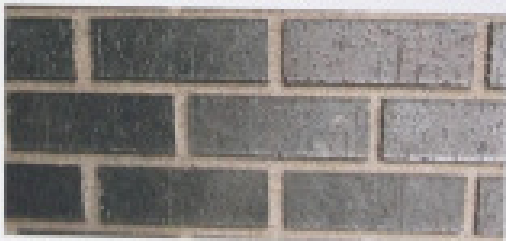
Aluminum Panels



Composite Panel



Stucco



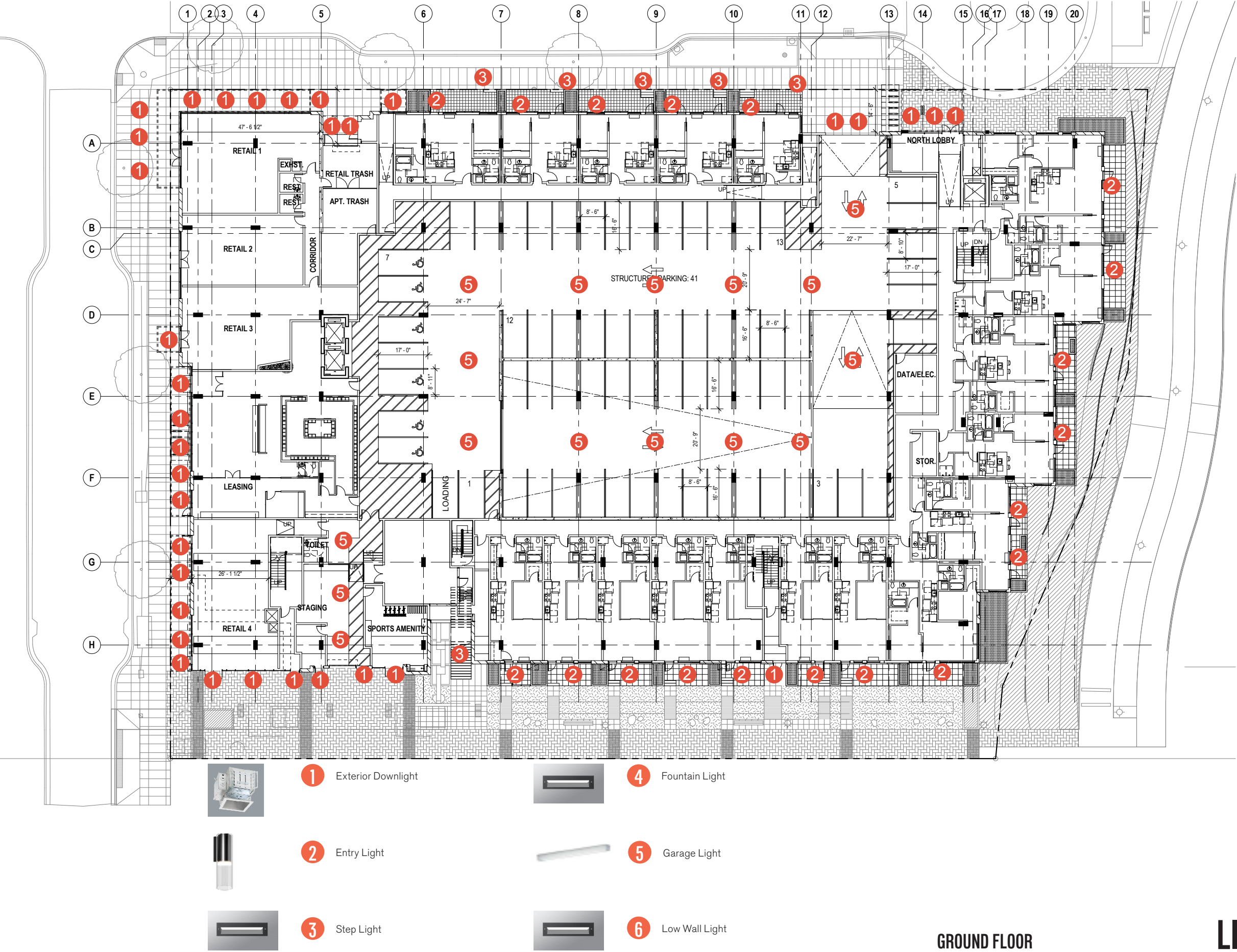
Glazed Brick

EXTERIOR FINISH PALETTE
Block 37

GBD

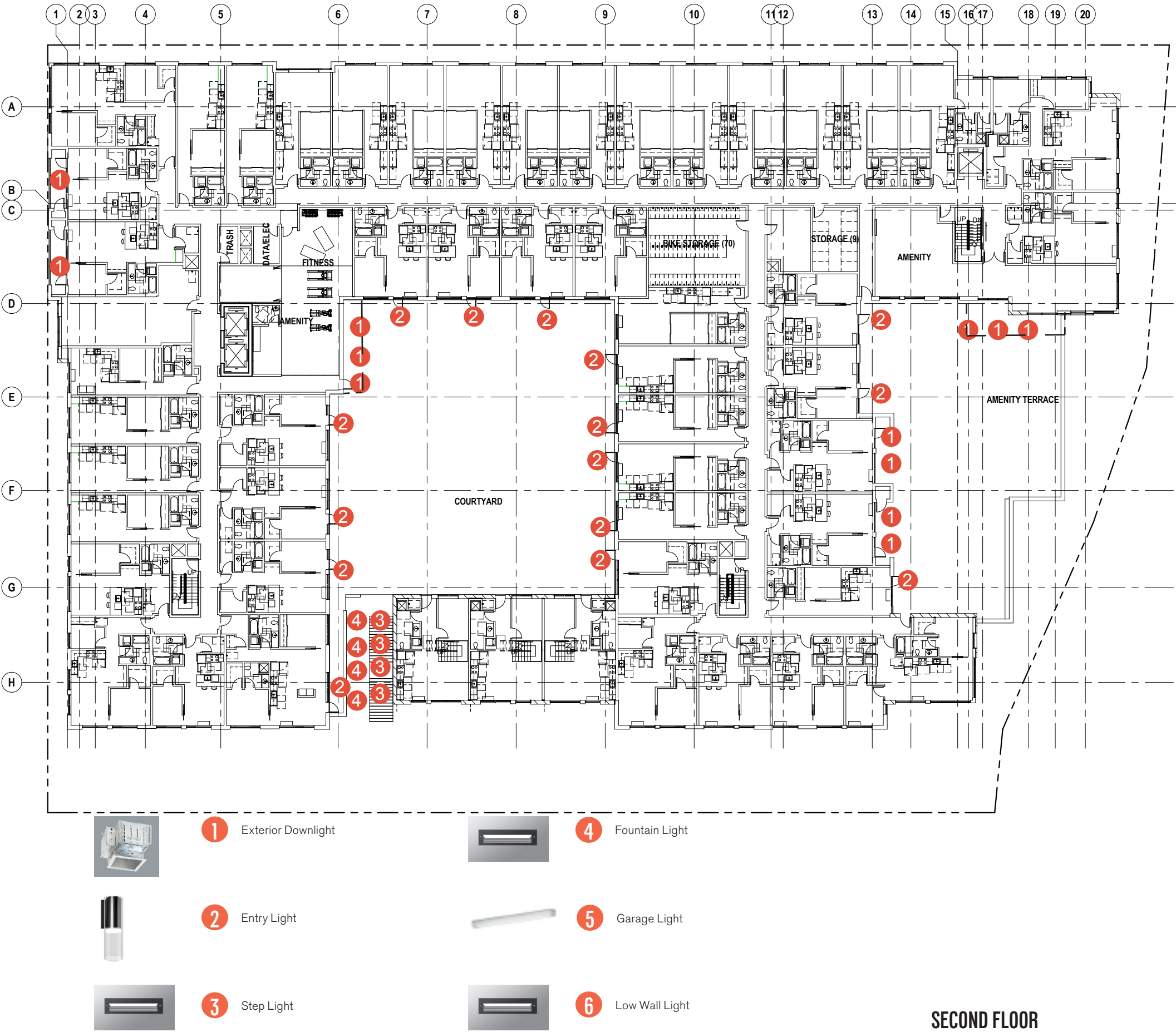
FACADE MATERIALS

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GROUND FLOOR

LIGHTING PLAN



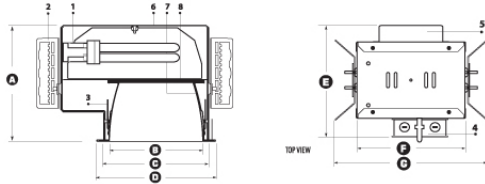
SECOND FLOOR

LIGHTING PLAN

HH4SQPL


4" Architectural Square CFL Downlight

Architectural



- A. Height** = 5-3/4"
B. Trim Aperture = 4-1/2"
C. Cut-out = 5-1/8"
D. Trim Outside Diameter = 5-3/4"
E. Width = 9"
F. Length = 7-1/8"
G. Max. Length = 10"



Energy Star Qualified Models:	
	<ul style="list-style-type: none"> • HH4SQPL-1X13-S-120 • HH4SQPL-1X18-S-120 • HH4SQPL-1X26-S-120

HH4SQPL - ITEM SELECTOR: (Please check the boxes below for the option desired)

WATTAGE	BALLAST	VOLTAGE	EMERGENCY OPTIONS	TRIM TYPE & DESCRIPTION	REFLECTOR
<input checked="" type="checkbox"/> 1X13 <input type="checkbox"/> 1X18 <input type="checkbox"/> 1X26 <input type="checkbox"/> 1X32	<input type="checkbox"/> (E) Electronic <input checked="" type="checkbox"/> (S) Energy Star ² DIMMING <input type="checkbox"/> Mark 7 ³ <input type="checkbox"/> Mark 10 ⁴ <input type="checkbox"/> Lut-E (EC3D) ⁵	<input type="checkbox"/> MVOLT (120/277) <input checked="" type="checkbox"/> 120 <input type="checkbox"/> 277	<input type="checkbox"/> EMG 750 (750 Lumens) ⁶ <input type="checkbox"/> EMG 1300 (1300 Lumens) ⁶ <input type="checkbox"/> INTG 750 (750 Lumens) ⁷ <input type="checkbox"/> INTG 1300 (1300 Lumens) ⁷ <input type="checkbox"/> EMG-D-750 (750 Lumens) ⁸ <input type="checkbox"/> ESD-130 (1300 Lumens) ¹³ <input type="checkbox"/> ICE-1300 (1300 Lumens) ¹⁰ OTHER OPTIONS <input type="checkbox"/> FUSE ¹¹ <input type="checkbox"/> RIF ¹² <input type="checkbox"/> BP31 (24" C-Channel Bar Hangers)	<input type="checkbox"/> 4601 <input type="checkbox"/> 4604 <input type="checkbox"/> 4607 <input type="checkbox"/> 4614 <input type="checkbox"/> 4615	<input type="checkbox"/> CL <input type="checkbox"/> SCH ^{**} <input type="checkbox"/> SHZ ^{**} <input type="checkbox"/> WT <input type="checkbox"/> W <input type="checkbox"/> MB

¹ - (M) Magnetic = Available in 9W, 13W, 18W & 26W fixtures only • ² - (S) Energy Star = Available on selected fixtures only, please see list above • ³ - MARK 7 = Not available in 9W, 13W, 57W, 70W • ⁴ - MARK 10 = Not available in 9W, 13W, 57W, 70W, must specify voltage • ⁵ - LUT-E (EC3D) = Not available in 9W, 13W, 57W, 70W • ⁶ - EMG = Emergency battery pack w/ remote test switch • ⁷ - INTG = Emergency battery pack w/ integral (reflector) test switch • ⁸ - EMG-D = Emergency battery pack w/ remote test switch for damp location • ⁹ - INTG-D = Emergency battery pack w/ integral(reflector) test switch for damp location • ¹⁰ - ICE = Emergency battery pack w/ remote test switch operating between -18°C and 55°C • ¹¹ - FUSE = Single slow-blow fuse • ¹² - RIF = Radio interference filter • ¹³ - ESD = Emergency self-diagnostic

Specifications:

HH4SQPL 1X13 S 120 EMERGENCY OPTIONS TRIM TYPE REFLECTOR RING

Sample of Catalog Number: HH4SQPL-1X32-E-MVOLT-EMG750-4601-CL-WH

MAXILUME
ARCHITECTURAL LIGHTING

A division of
Elite Lighting

Submittal form is available @ www.maxilume.com
Tel: 323-888-1973 • Fax: 323-888-1977

Specifications and Dimensions
subject to change without notice.

MAX-SPEC5 2011-03-08

REFLECTOR	RING
CL Clear	WH Self-Flange White
SHZ Satin Haze (Low Iridescent)	Standard on all trims
WT Wheat	
MB Black	
W White	

*For custom
diffuse, reflector,
trim ring, glass
color and lens
options, please
consult factory.

1

EXTERIOR DOWNLIGHT

F+P Wall LED

F-P WALL LED

PRODUCT SPECIFICATION

Product description

Weblink: 2720

Design: Foster & Partners

Light Concept: The fixture emits a symmetrical downlight. The opal cone ensures an even and diffuse light, free from obtrusive glare. The light emitted through the cone helps reducing the contrasts. The polished edges of the cylinder glow and hence clarify the shape of the fixture.

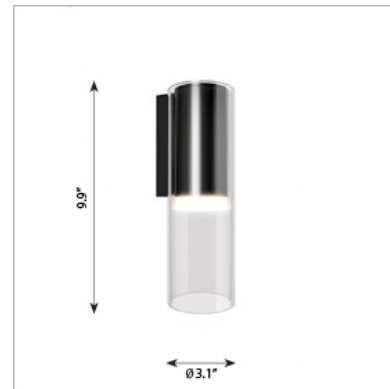
Finish: White, natural painted aluminum or graphite grey, powder coated.

Material: Housing: Die cast aluminum. Enclosure: Extruded clear acrylic with polished edges.

Mounting: Surface: Mounted directly to finished surface over a recessed 4" octagonal junction box.

Weight: Max. 2 lbs.

Label: cULus, Wet location. IBEW.



Product code	Light source	Voltage	Finish
F+P-W	7W LED/3000K 7W LED/4000K	120V	GRAPH NAT PAINT ALU WHT

a. Provided with one 120V integral electronic driver.
b. All LED wattages are system power.

I. The comparable EU version has the following classification: Ingress Protection Code: IP44.
II. LED technology is rapidly changing. Specifications are based on present technology. For most up to date specifications see www.louispoulsen.com.



Louis Poulsen Lighting | 3260 Meridian Parkway | Fort Lauderdale | FL 33331 | PH: 954-349-2525 | Fax: 954-349-2550 | louispoulsen.com

1/3

2 ENTRY LIGHT, OPTION 1

LU 14-117884 EXHIBIT A.9

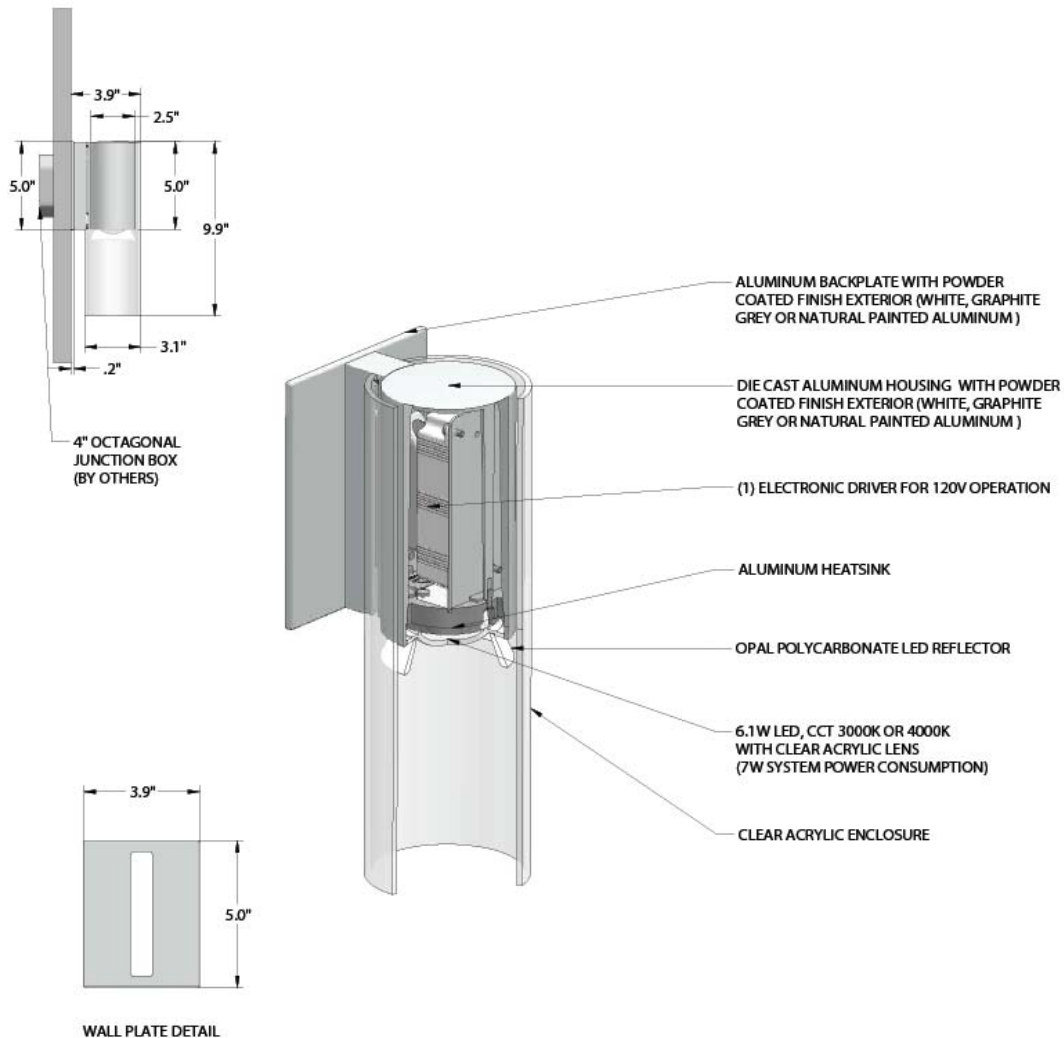
F+P Wall LED

F-P WALL LED

PRODUCT SPECIFICATION

Material description

NOTES:
LED TECHNOLOGY IS RAPIDLY CHANGING. LEDS ARE MADE IN LOTS AND SORTED INTO BINS BASED ON WAVELENGTHS RANGES THAT ACHIEVE COLORS. PRODUCTS ORDERED AT DIFFERENT TIMES MAY NOT HAVE THE SAME COLOR APPEARANCE



**louis
poulsen**

Louis Poulsen Lighting | 3260 Meridian Parkway | Fort Lauderdale | FL 33331 | PH:954-349-2525 | Fax: 954-349-2550 | louis@poulsen.com

2/3

2 ENTRY LIGHT, OPTION 1

F+P Wall LED

F-P WALL LED

PRODUCT SPECIFICATION

Light measurements

Photometric Report: F&P WALL LED L7713A,IES

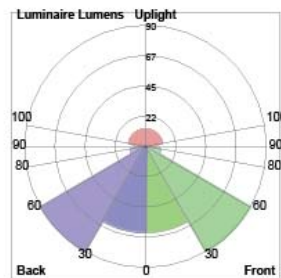
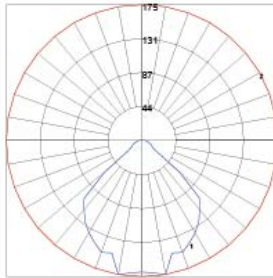
Report No.: L7713A

Poulsen Report No.: F&P WALL LED L7713A

Luminaire: F&P WALL

Lamp: 7W LED

Description: All data shown are per 352 lumens. This report can be used for calculation on all versions listed below. Use only actual lumen data calculating.



Candlepower Distribution

Vertical Angle	Candela
0	168.7
5	170.6
10	174.5
25	144.7
40	115.8
55	10.2
70	11.4
85	4.9
90	3.8
120	2.8
150	1.5
180	0.4

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	63.7	18.1	18.1
FM - Front-Medium (30-60)	90.0	25.6	25.6
FH - Front-High (60-80)	11.3	3.2	3.2
FVH - Front-Very High (80-90)	2.8	0.8	0.8
BL - Back-Low (0-30)	63.7	18.1	18.1
BM - Back-Medium (30-60)	90.0	25.6	25.6
BH - Back-High (60-80)	11.3	3.2	3.2
BVH - Back-Very High (80-90)	2.8	0.8	0.8
UL - Uplight-Low (90-100)	3.9	1.1	1.1
UH - Uplight-High (100-180)	12.5	3.5	3.5
Total	352.0	100.0	100.0
BUG Rating	B0-U2-G0		

**louis
poulsen**

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3/3

2 ENTRY LIGHT, OPTION 1

LU 14-117884 EXHIBIT A.11



Job :

Project

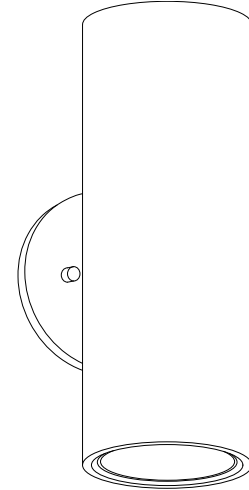
Type :

Part # :

CORE 300 LX scone up + down

Specifications

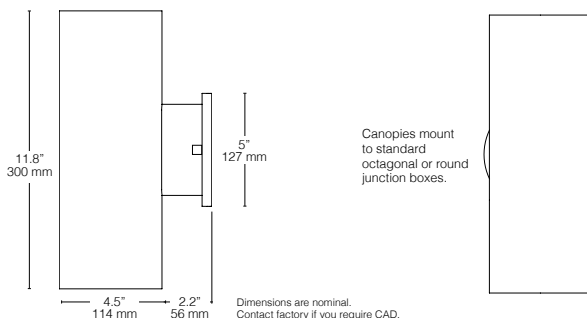
Source	Two Xicato XSM modules - 400, 700, 1000, or 1300 lumens each
C.C.T.	2700K, 3000K, 3500K or 4000K
Color Consistency	CCT +/- 50K, Duv +/- .001, 1x2 step MacAdam (1 x 2 SDCM) along BBL
CRI (Ra)	≥80 or ≥ 95
CRI Consistency	+3/-0 points
LED Driver	Remote mount
Power	14 to 40 watts max, depending on LED module combination / driver
Reflector	High efficiency 20°, 20°, 40° or 60° - field replaceable without tools
Material	CNC machined aluminum with stainless steel hardware
Finish	Powder coat - TGIC polyester for exterior and interior use
Weight	5 lb. [2.3 kg]
Location	Listed for Wet Locations, IP66
Approvals	ETL listed. Conforms to UL Standards 2108, 8750 and CSA C22.2#250.0
L70 Life	> 50,000 hours at 70% lumen maintenance based on IESNA LM-80-08
Warranty	Lifetime Limited Warranty - see warranty for details
IES Files	LM-79-08 IES files available at www.v2LightingGroup.com
Modifications	Any modification or customization is possible - consult factory



Ordering Logic

UP Direction					DOWN Direction					LX	Shell Color
Model	Dimming	Output	CRI	C.C.T.	Reflector	Output	CRI	C.C.T.	Reflector		
VC3S										LX	
VC3S	N = None P = Phase V = 0-10V	04 = 400 lm 07 = 700 lm 10 = 1000 lm 13 = 1300 lm	80 = Ra≥80 95 = Ra≥95	27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K	2H = 20° high efficiency 20 = 20° 40 = 40° 60 = 60° BF = Baffle	04 = 400 lm 07 = 700 lm 10 = 1000 lm 13 = 1300 lm	80 = Ra≥80 95 = Ra≥95	27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K	2H = 20° high efficiency 20 = 20° 40 = 40° 60 = 60° BF = Baffle		
	see page 2		see page 2		see page 3		see page 2		see page 3		see page 4

Dimensions


www.v2LightingGroup.com

rev130224 © 2013 v2 Lighting Group, Inc. Specifications subject to change without notice. Page 1

2 ENTRY LIGHT, OPTION 2

Job : Project

Type : _____

Part # : _____

CORE 300 LX sconce up + down

LED Options

Use the chart below to select an LED.

Use the resulting 6-number order code in the Output, CRI and CCT boxes in the "Ordering Logic" section on Page 1.

LED Specifications			Order Codes				Dimming Options		
Lumens	CRI	Wattage*	2700 K	3000 K	3500 K	4000 K	non-dim	phase / triac	0-10V
400	≥80	5.7	04 80 27	04 80 30	n/a	04 80 40	✓	✓	✓
700		9.7	07 80 27	07 80 30	n/a	07 80 40	✓	✓	✓
1000		13.0	10 80 27	10 80 30	10 80 35	10 80 40	✓	✓	✓
1300		17.8	13 80 27	13 80 30	13 80 35	13 80 40	✓	✓	✓
700	≥95	13.4	07 95 27	07 95 30	n/a	07 95 40	✓	✓	✓

*add 14% for total fixture wattage including LED Driver

Higher lumen options are available in CORE 400 series.

Recessed wall luminaires with directed light

Housing: Constructed of die-cast and aluminum with integral wiring compartment. Mounting tabs provided.

Enclosure: One piece die-cast aluminum faceplate. Clear tempered glass; .125" thick, machined flush to faceplate surface. Faceplate is secured by two (2) flush, socket head, stainless steel captive screws threaded into stainless steel inserts in the housing casting. Continuous high temperature, molded silicone rubber gasket for weather tight operation.

Electrical: 11.2 W LED luminaire, 14.5 total system watts, -30°C start temperature. Integral 120V-277 V electronic LED driver, 0 -10 V dimming. The LED and driver are mounted on a removable plate for easy replacement. Standard LED color temperature is 3000K (available in 4000K; add suffix K4).

Note: Due to the dynamic nature of LED technology, LED luminaire data on this sheet is subject to change at the discretion of BEGA-US. For the most current technical data, please refer to www.bega-us.com.

Finish: Available in four standard BEGA colors: Black (BLK); White (WHT); Bronze (BRZ); Silver (SLV). To specify, add appropriate suffix to catalog number. Custom colors supplied on special order.

UL listed, suitable for wet locations and for installation within 3 feet of ground. IC rated. Protection class: IP65.

Luminaire Lumens: 342
Tested in accordance with LM-79-08

Type:
BEGA Product:
Project:
Voltage:
Color:
Options:
Modified:



	Lamp	A	B	C
2384 LED	ADA 11.2 W LED	12½	2¾	2½



BEGA-US 1000 BEGA Way, Carpinteria, CA 93013 (805) 684-0533 FAX (805) 566-9474 www.bega-us.com
©copyright BEGA-US 2011 Updated 10/12



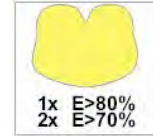
Specialized Lighting Solutions, Inc.

LINDA TRANSPARENT DIRECT-INDIRECT DISTRIBUTION

LINDA TRANSPARENT: For use in car-parks or environments where indirect ceiling and diffused direct lighting is required to supply uniform illumination.

MECHANICAL CHARACTERISTICS:

- **Transparent** housing in self-extinguishing injection molded UV stabilized Polycarbonate.
- **Gasket** :Molded one piece injected long life sealing foam gasket provides.
- **IP65** watertight seal.
- **Diffuser: Transparent** Self-extinguishing injection molded polycarbonate, UV stabilized, with smooth external surface and differentiated prismatic internal surface.
- **Gear-tray reflector unit:** reduced width for a greater indirect distribution, in hot galvanized steel, painted in white polyester, fixed to the housing by means of snap-lock devices in steel. Hinged opening for simple maintenance and installation.
- **Snug fit snap-lock clips**, in **stainless steel**, for diffuser's mounting, vandal-proof opening.



Installation:

Linda offers **quick** and **safe** installation with various types of fixings. The Luminaries are supplied with two types of mounting devices:



Ceiling:

Provided with Pair of metal brackets supplied for quick installation.



Suspended:

Hook or chain mounting. Provided with a Pair of steel springs supplied for quick install

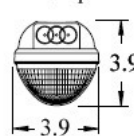


Features:

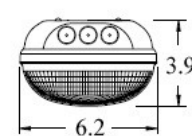
REFLECTORS

A selection of optional easy to install reflectors for a variety of applications. (See pages 3-4).

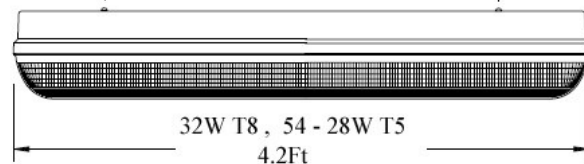
1 Lamp



2 Lamp



Fixing 3Ft Centers



ORDERING DETAILS: (DESCRIPTION)

3F LINDA TRANSPARENT 1x32 T8
3F LINDA TRANSPARENT 2x32 T8
3F LINDA TRANSPARENT 1x28 T5
3F LINDA TRANSPARENT 2x28 T5
3F LINDA TRANSPARENT 1x54 T5
3F LINDA TRANSPARENT 2x54 T5

ORDERING NUMBER

SLS-LTR-1x32W-T8-xx
SLS-LTR-2x32W-T8-xx
SLS-LTR-1x28W-T5-xx
SLS-LTR-2x28W-T5-xx
SLS-LTR-1x54W-T5-xx
SLS-LTR-2x54W-T5-xx

OPTIONS

EBP-Emergency Battery Pack (Consult Factory)
Reflector Options:
(16MRA, 16RTA, 16NBH, 16FGP, 16REC, 16TLS, 16QST, 16THO, 16UCL, 16GDM, 16ZOQ, 16NQE)

www.slsnw.com

640 NW Silverado Drive, Beaverton OR 97006 Tel: 503-530-8908 Fax: 503-531-0711



Specialized Lighting Solutions, Inc.

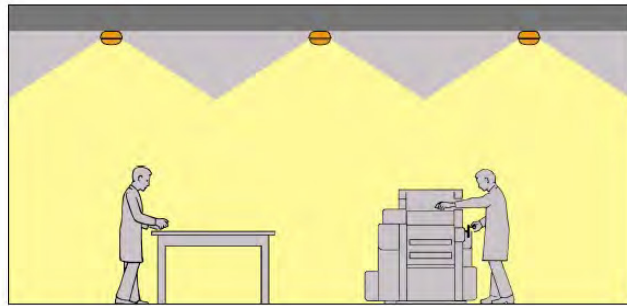
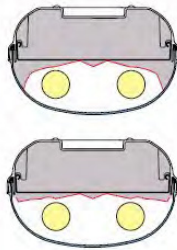
LINDA TRANSPARENT DIRECT-INDIRECT DISTRIBUTION

Reflector Accessories

By using **Parabolic Asymmetric Reflector** in high-reflectance aluminum for T8 lamps and for T5 lamps, the luminaries' luminous efficiency is increased thus optimizing illumination in the **usable working area** and allowing a consequent saving in energy and operating costs.

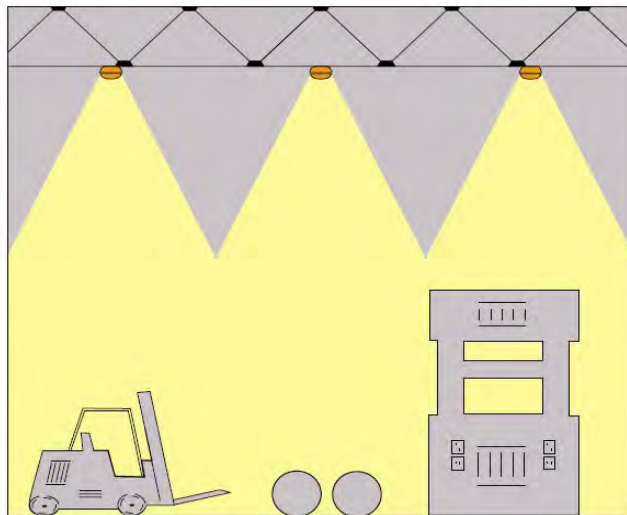
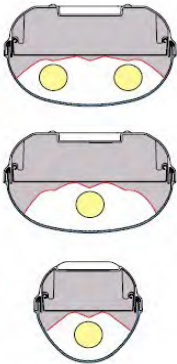
Wide reflectors

Application in rooms with **height range from 9 to 18 feet**.



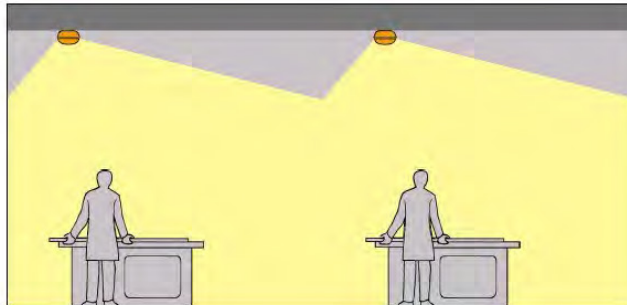
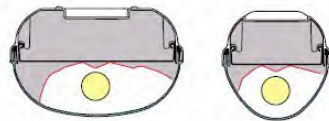
Concentrated reflectors

Application in rooms with height **exceeding 12 feet** or where **higher quality illumination** is required.



Asymmetric reflectors

Application in rooms where there is a need for **precise focusing of the luminous flow** on the working area.



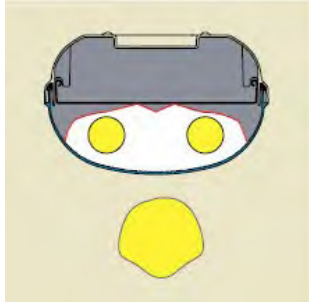
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Specialized Lighting Solutions, Inc.

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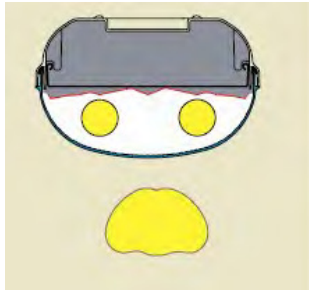
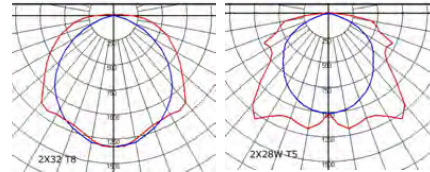
Parabolic flow reflector **wide** direct distribution, for luminaires 6 inches wide.

Luminaire	Reflector Code
2x32 T8	16 MRA
2x28 T5HE	16 RTA
2X54 T5HO	16 RTA

IES File No.

5020166 - 3F Linda 2x32+16MRA

5020666 - 3F Linda 2x28 T5 HF+16RTA



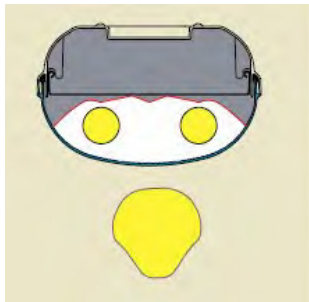
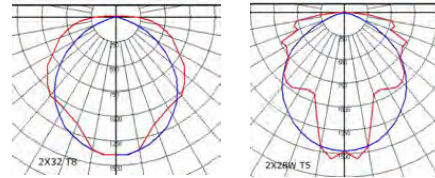
Parabolic flow reflector **super-wide** direct distribution, for luminaires 6 inches wide.

Luminaire	Reflector Code
2x32 T8	16 NBH
2x28 T5HE	16 FGP
2X54 T5HO	16 FGP

IES File No.

- 3F Linda 2x32+16NBH

- 3F Linda 2x28 T5 HF+16FGP



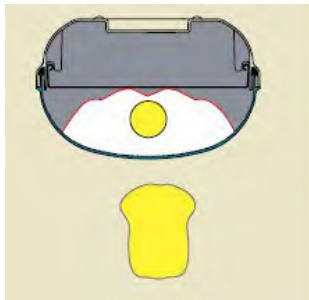
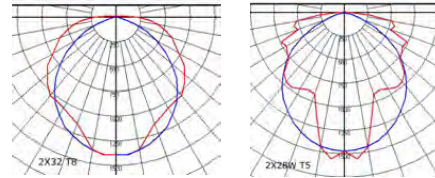
Parabolic flow reflector **concentrated** direct distribution, for luminaires 6 inches wide.

Luminaire	Reflector Code
2x32 T8	16 REC
2x28 T5HE	16 TLS
2X54 T5HO	16 TLS

IES File No.

5010165 - 3F Linda 2x32+16REC

5020667 - 3F Linda 2x28 T5 HF+16TLS



Parabolic flow reflector **concentrated** direct distribution, for luminaires 6 inches wide.

Luminaire	Reflector Code
1x32 T8	16 QST
1X54 T5HO	16 QST

IES File No.

- 3F Linda 1x32+16QST

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Reversed HR-36® Wall

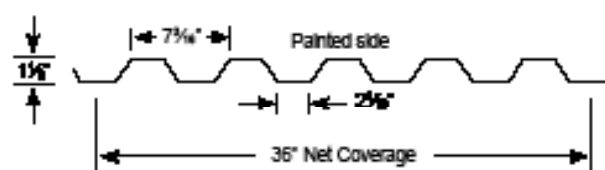


Reversed HR-36 is an economical, structural, exposed-fastener wall panel suitable for general usage.

Reversed HR-36 is ideal for architectural, commercial, industrial and agricultural wall applications. Can be installed as a vertical or horizontal wall.



Reversed HR-36 Wall (typical wall applications)



Properties									Standard Finishes	
Gauge	Base Steel Thickness (in)	Yield (ksi)	Tensile (ksi)	WT. (lbs/ft ²)	I+ (in ⁴ /ft)	S+ (in ³ /ft)	I- (in ⁴ /ft)	S- (in ³ /ft)	Metallic Coating	Paint System
29	0.0139	80	82	0.75	0.0554	0.0406	0.0579	0.0483	AZ50	ColorGuard™ xt
26	0.0173	80	82	0.95	0.0707	0.0538	0.0736	0.0642	AZ50	Cool Dura Tech® nt
24	0.0232	50	65	1.25	0.1127	0.1121	0.1131	0.1239	AZ50	Cool Dura Tech® 5000 (polyvinylidene fluoride) or Dura Tech mx (metallic polyvinylidene)
22	0.0294	50	65	1.57	0.1467	0.1544	0.1467	0.1686	AZ50	
20	0.0354	40	55	1.92	0.1867	0.2076	0.1844	0.2263	G90	
18	0.0459	40	55	2.46	0.2500	0.2947	0.2456	0.3107	G90	

NOTES: The moments of Inertia, I+ and I-, presented for determining deflection are: $(2I_{\text{Studs}} + I_{\text{Gross}})/3$

standard features

- Custom manufactured sheet lengths from 5'-0" to 45'-0"
- Available in 28ga, 26ga, 24ga and 22ga in standard finishes – refer to AEP Span Color Charts for full range of color options and paint systems.
- 20ga available in Base Zincalume® plus.
- Zincalume coated substrate, per ASTM A-792, is standard and backed by a corrosion warranty on painted or unpainted panels.
- Meets IBC requirements for wall and roof panels in accordance to Chapters 14 & 15.
- All colors meet a minimum SRI of 28 and one color, Regal White has a SRI of 85.

optional features

- Short cut sheets from 5'-0" to 1'-0". Additional fees and lead times may apply.
- 20ga available in standard colors subject to a minimum order size of 4,500 square feet and longer lead times.
- 18ga available in bare G-60 galvanized and standard colors subject to a minimum order size of 4,500 square feet and longer lead times.
- Custom colors, thick film primer and/or clear coat paint finishes available. Subject to 4,500 square feet minimum order."
- Perforation options available for an additional charge. Minimum order size 1,500 sq feet. Select from standard perforation patterns with open areas of 7.8%, 13.8%, 23.4%, 30.8% or 41.4%."
- Stucco embossed available on 28ga, 26ga, 24ga and 22ga. Subject to min. order size of 1,500 square feet.

* Inquire with AEP Span representative regarding premium Vinlage® and Dura Tech® Dimensional Prints availability.

Tacoma, WA & Fontana, CA

Phone: 800-733-4955

Fax: 253-272-0791

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Commercial Only

[Check out our new slideshow presentation of our vertical lift gates!](#)

Keeping you on track since 1959!



Davis Door Service is an extended family of professional men and women dedicated to providing quality, **commercial** overhead and **commercial** pedestrian door sales, installation, maintenance, and repair. Since 1959, we have provided the Pacific Northwest with responsive service and quality products at a fair price and honest value
... satisfaction guaranteed.

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... satisfaction guaranteed.

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GARAGE DOOR

LU 14-117884 EXHIBIT A.19



DERO ULTRA SPACE SAVER

- Maximum bike parking capacity
- User-friendly, vertical storage
- U-lock compatible with nearly any bike

The Dero Ultra Space Saver is extremely user-friendly and allows easy access to bikes. It provides convenient and ample space for u-lock security on nearly any bike, including bikes with fenders and fork shocks. Thanks to design enhancements, the double-sided Dero Ultra Space Saver parks more than double the capacity of a standard bike rack.

The Dero Ultra Space Saver is an easy to install, modular system. It can be made to fit in nearly any space. Options include wall-mount, floor-mount, and double-sided. Call Dero for a FREE custom room layout.



 www.dero.com  1-800-397-6723



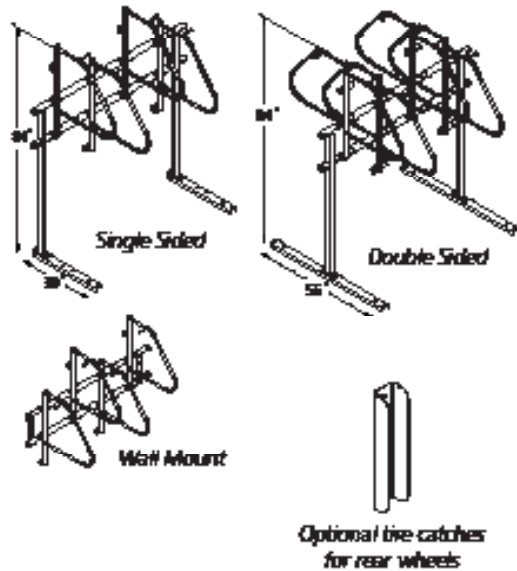
 100% recycled paper

BIKE RACK



ULTRA SPACE SAVER

Specifications and Space Use



Product

Dero Ultra Space Saver
As manufactured by Dero Bike Racks

Capacity

Modular construction
1 Bike per arm

Materials

Hanger is 1" diameter tube with 1/2" steel rod and retaining disk at each end.
Upright is 2" square tube.
Feet are AISI C3 x 4.1 galvanized steel channel.
Crossbars are 1.25" sched. 40 galvanized pipe (1.860" OD).
Spacers are 2.375" OD plastic tubes with .218" wall thickness.

Finishes

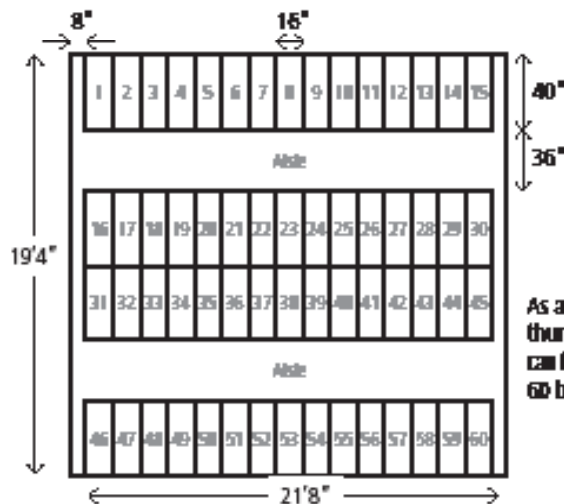
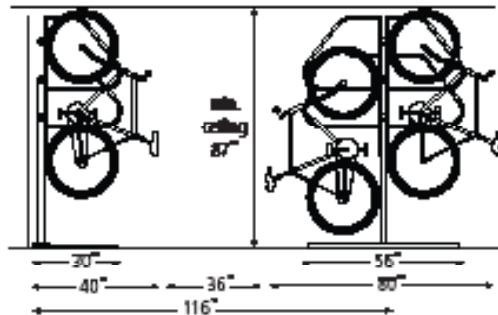
Black powder coat
Cross bars: hot dipped galvanized
Hanger rods: rubber coated
Spacers: plastic

Installation Methods

Floor mounted Ultra Space Savers have steel channel feet (30" for single sided and 56" for double sided units) which must be anchored to the floor. A wall mounted unit which contains special brackets is also available.

Space Use and Setbacks

See diagram at left



As a general rule of thumb, this space can fit approximately 60 bicycles.

Estimating Your Bike Capacity

Estimating the maximum number of bikes you can park using an Ultra Space Saver in a typical rectangular space is usually fairly straightforward.

The Ultra Space Saver parks one bike every 16" with a typical bike extending out 40" from the wall. Leave a 36" aisle between rows. Add an 8" buffer on each end of a run to allow enough space for handlebars.

If you have a large space, you may be able to fit in double rows of Ultra Space Savers.

Let us Help! As a free service, Dero will provide a complete CAD layout of your space. Just send us the dimensions of your room, being sure to note the location of doors, columns, etc. and let us maximize your bike storage capacity.



www.dero.com 1-800-957-6788

BIKE RACK

DESIGN STANDARDS**PUBLIC RIGHT-OF-WAY PERFORMANCE CRITERIA AND STANDARDS**

ELEMENTS	CRITERIA AND STANDARDS	
Public Art	Include artists in projects at the onset utilizing the City's 2 percent for art program. Consult with the Regional Arts and Culture Council (RACC) to integrate works of art into the public right-of-way. Potential sites or projects might include portal and gateway design, pedestrian streets, special intersections and accessways, special streetscape features and design near neighborhood parks, street furnishings, traffic circles, bollards, street signs, inlays, stormwater features, and manhole covers.	
Street Furniture	The intent is to have consistency of standards throughout the entire district for all street furniture. Maintenance of these furniture amenities (benches, trash receptacles, banners, bollards, etc.) would be required of the adjacent property owner.	
	Benches	Landscape Forms "Austin" series or approved equal. Subject to revocable permit review.
	Trash Receptacles	Landscape Forms "Austin" series or approved equal. Subject to revocable permit review.
	Street Name Signs	Street name signs are to be specific to the South Waterfront District in color and shape. The sign panel is to be a truncated ellipse (curved at top and bottom, straight on each end) no more than 7'-0" in length, either flag mounted or mounted to the mast arm at a location nearest the vertical pole. The background is to be charcoal grey, the text is to be white. Text sizes and layouts are to follow the City of Portland standards.
	Banners	As approved by Signals/Street Lighting Division of the City of Portland's Bureau of Transportation System Management.
	Bollards	Standard Precast Bollard: Architectural Area Lighting (AAL) #CB18R-36 with cutoff grill, flat top and metal halide lamp.
	Paint Color	Black, Wasser Code: W21.79 or approved equal <ul style="list-style-type: none"> • Traffic signal poles • Street light poles • Streetcar strain poles • Bus shelters • Benches • Bollards (if painted)
Constructability and Maintenance	Align paving patterns that allow ease of access and minimize sawcuts necessary for utilities, maintenance and repairs.	

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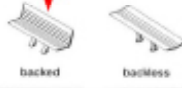
SITE FURNISHINGS

Austin™ Specifications

Seat

Austin benches are available in backed or backless, and in a selection of interior and exterior woods, as well as aluminum extruded boards. Unique cantilever style or freestanding/surface mount supports are cast iron.

Cantilever



backed

backless

24" x 33" x 72"

22" x 18" x 72"

Freestanding/Surface Mount



backed

backless

24" x 33" x 72"

22" x 18" x 72"

detail

Arm Options

Optional arms may be added to both ends, as well as the center position. Arms are available for either backed or backless benches. All arms are cast aluminum and attached to the seat boards.



center position

end arms

Mounting Options

Austin benches with freestanding/surface mount supports ship with glides which may be removed for surface mounting. All cantilever supports must be surface mounted into concrete.

cantilever
surface mount

surface mount

freestanding



Sense of Place

We believe in the power of design and its ability to elevate public spaces. Landscape Forms provides great design, integrated product collections, and leading edge technology for creating a sense of place in outdoor environments.

Finishes

Interior woods are finished with Landscape Forms' exclusive LF-80 wood finish, a clear, catalyzed acrylic catalyzed acrylic lacquer. Special stain may be specified for an upcharge.

Exterior woods are unfinished and will weather to a soft pewter gray, requiring no future maintenance.

Metal is finished with Landscape Forms' proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling and fading. Call for standard color chart. A wide array of optional colors may be specified for an upcharge.

To Specify

Select the Austin bench in backed or backless option. Specify surface mount cantilever or freestanding/surface mount support. Specify wood type and/or powdercoat color. Specify number of arms. Benches may be specified in FSC certified woods. Visit landscapeforms.com; click Design Tools, Materials/Colors link for standard offerings, including FSC wood options.

www.landscapeforms.com

Download product photos, brochures, color charts, SketchUp components, technical information, CAD details, CSI specifications, assembly instructions.

Austin is designed by Robert Chipman, ASLA. Specifications are subject to change without notice. Austin is manufactured in U.S.A. Austin design is protected by U.S. Patent Nos. D481,210, D481,211, D482,585, D483,990. Austin meets BIFMA performance and safety standards. Location photography: Lady Bird Johnson Wildflower Center, Austin, TX. Landscape Forms supports the LAF at the Second Century level. ©2012 Landscape Forms, Inc. Printed in U.S.A.

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SITE FURNISHINGS



SITE FURNISHINGS



If you like the Austin bench,
you'll love this litter.

Landscape architect Bob Chipman hit all the right notes in his design of a receptacle that's an ideal companion to its namesake bench and a handsome stand-alone solution for a variety of outdoor settings. Shared Austin themes are reflected in the tapered conical body and ribbing of the litter that echo the tapered supports of the bench, and in the "bird's mouth" lid that mirrors the relation between the bench seat and back. The ribbing frames the unit's side door, adding visual interest and providing functional support for the door hinges. A domed stationary lid shields contents from view and helps keep out rain and snow.



Metal is the world's most recycled material and is fully recyclable. Consult our website for recycled content for this product. Powdercoat finish on metal parts contains no heavy metals, is HAPs-free and has extremely low VOCs.

Our Purpose Is To Enrich Outdoor Spaces

We believe in the power of design and its ability to elevate experience and help create a sense of place in public environments. Our high quality products and outstanding customer service have earned us a reputation as one of the world's premier designers and manufacturers of outdoor commercial furnishings.

Austin Litter Receptacle Specifications

Top and side opening litters are available with or without lock. With a 34 gallon capacity, litter can be freestanding or surface mount. Fabricated with carbon steel body panels, cast aluminum top, and cast iron base. Litter is finished with exclusive Pangard II® powdercoat finish. Black polyethylene liner comes standard with litter. Shipped with freestanding glides that remain in place for surface mounting. Litter ships fully assembled.



Finishes

All metal is finished with Landscape Forms' proprietary Pangard II® polyester powdercoat, a hard yet flexible finish that resists rusting, chipping, peeling, and fading. Call for standard color chart.

To Specify

Select top or side-opening litter. Specify with or without lock. Select powdercoat color.

www.landscapeforms.com

Download product photos, brochures, color charts, SketchUp components, technical information, CAD details, CSI specifications, assembly instructions.

Austin design is protected by U.S. Patent Nos. D597,720, D597,273
Austin is designed by Robert Chipman, ASLA.
Specifications are subject to change without notice.
Location photography: Grand Rapids Art Museum, Grand Rapids, MI.
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Model BR-3 Bike Rack

This inverted U shaped BR-3 bike rack works well where space is limited. Made from 2" schedule 40 pipe our U-style bicycle rack is durable and easy to use.



out sheet



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 Leader is a [green](#) company.

Options
<ul style="list-style-type: none"> • Metal Colors • Mounting Styles <ul style="list-style-type: none"> • Surface • Permanent embed • Base cover • Corrosion resistant undercoat (strongly recommended) • Hot dip galvanizing

Features
<ul style="list-style-type: none"> • 2" schedule 40 pipe. • Height: 34"

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Most FairWeather benches are ADA compliant.

http://www.fairweathersf.com/bike_racks/index.php?model=BR-3

3/24/2014

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LU 14-117884 EXHIBIT A.27

Barrier Post Installation

12-27-2013

LC25546

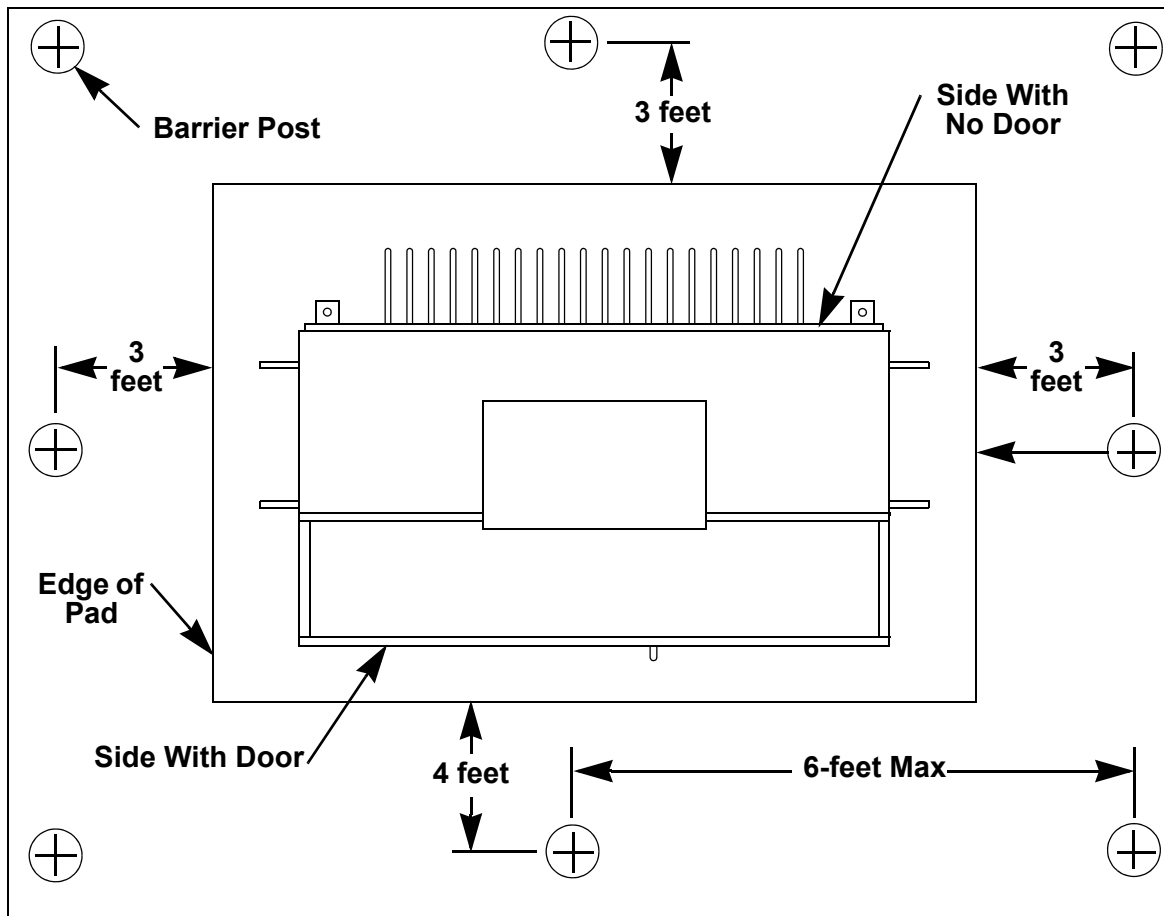


Figure 1: Barrier Post Locations at a Pad-Mounted Installation

Barrier Post Dimensions Based on Location			
Location	Length of Galvanized Steel Post (inch)	A Hole Diameter (inch)	B Height Above Final Grade (inch)
Loading dock	108	30	54
Car traffic area	96	24	42

Table 1: Barrier Post Dimensions Based on Location

NON-REMOVABLE BOLLARD OPTION A

Barrier Post Installation

12-27-2013

LC25546

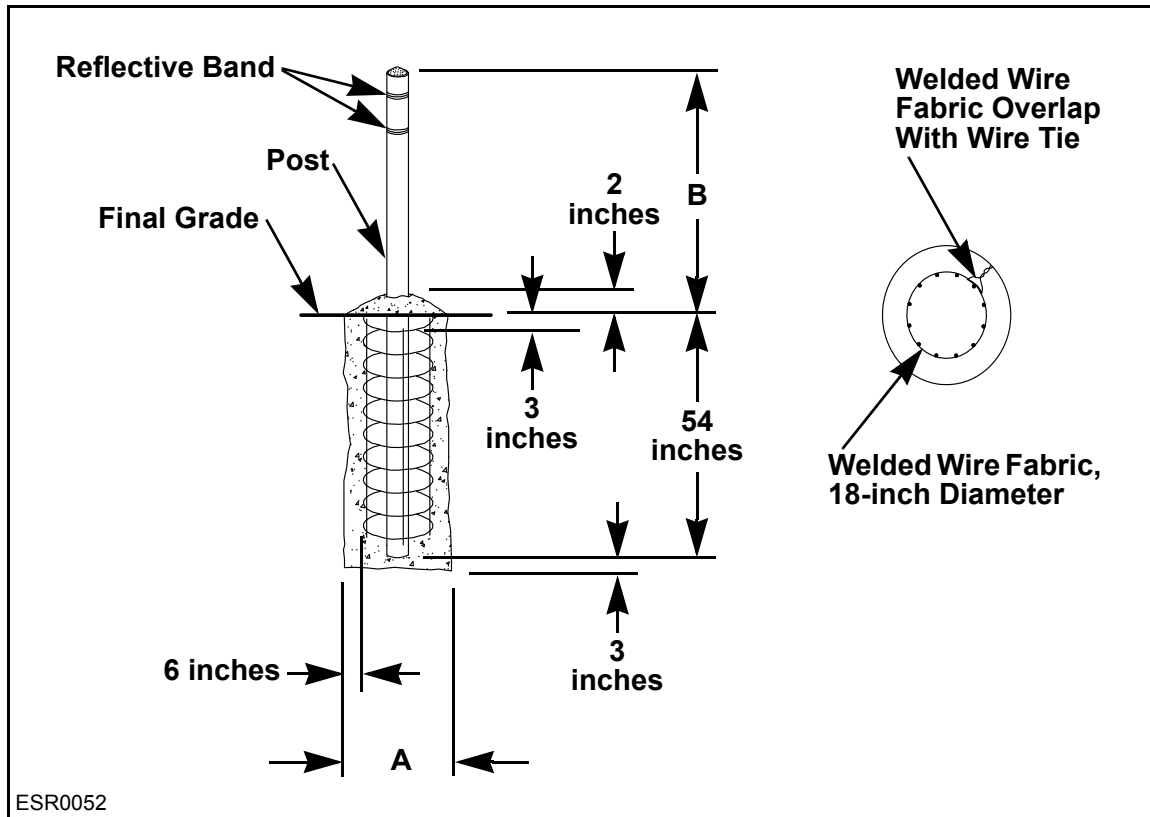


Figure 2: Barrier Post Dimensions

NON-REMOVABLE BOLLARD OPTION A

Instructions

Assembly
Installation
Operation

8. Verify the bollard tube is centered within the bollard casting. Adjust as necessary and fully tighten the set screws.
9. Verify alignment of the bollard casting openings with architects drawing(s). If changes are necessary the set screws may be loosened, and the bollard casting may be rotated to the correct alignment. Repeat steps 7 and 8 if this is necessary

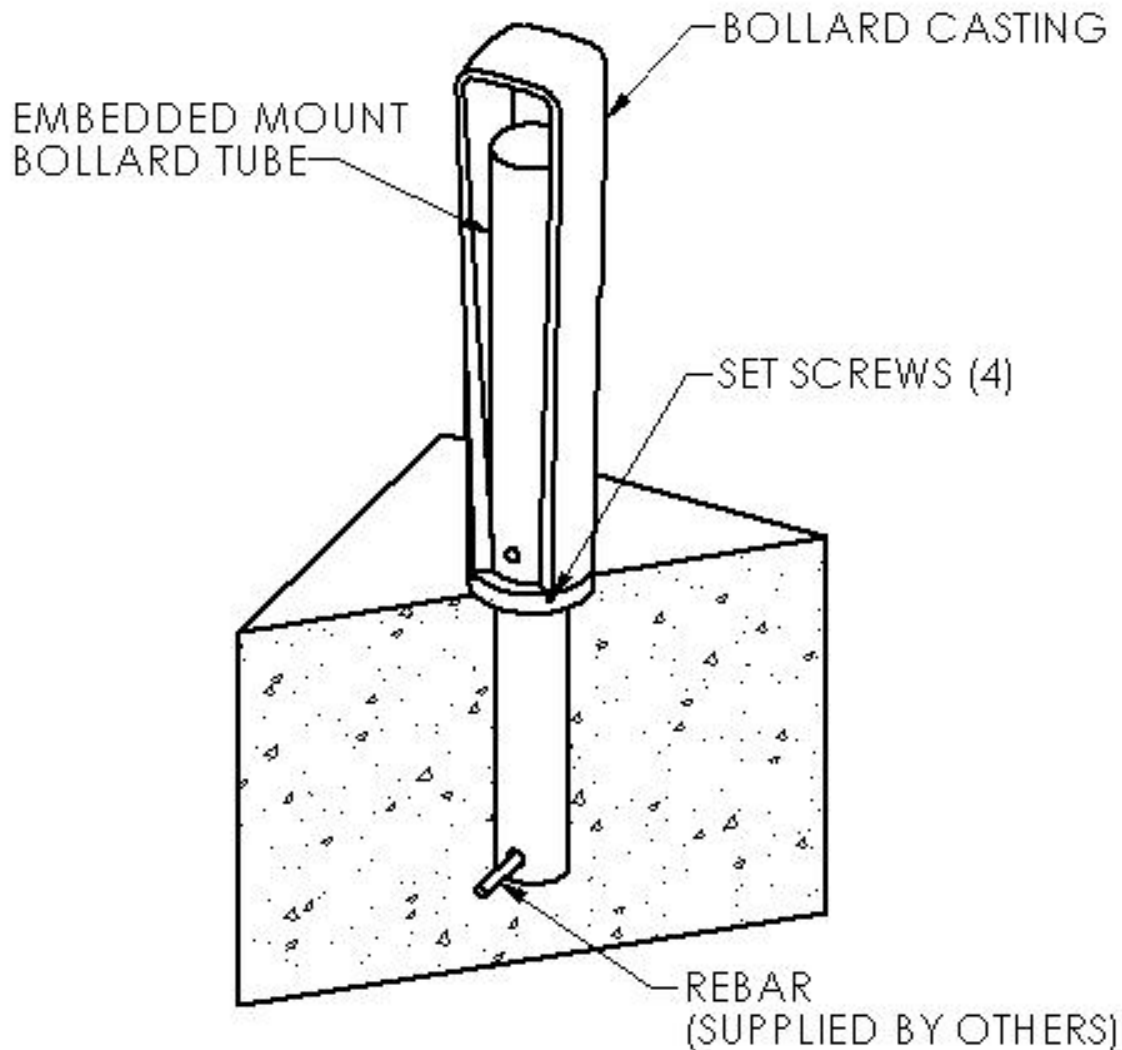


Figure 1: Embedded Mount Bollard Components

NON-REMOVABLE BOLLARD OPTION B

Instructions

**Assembly
Installation
Operation**

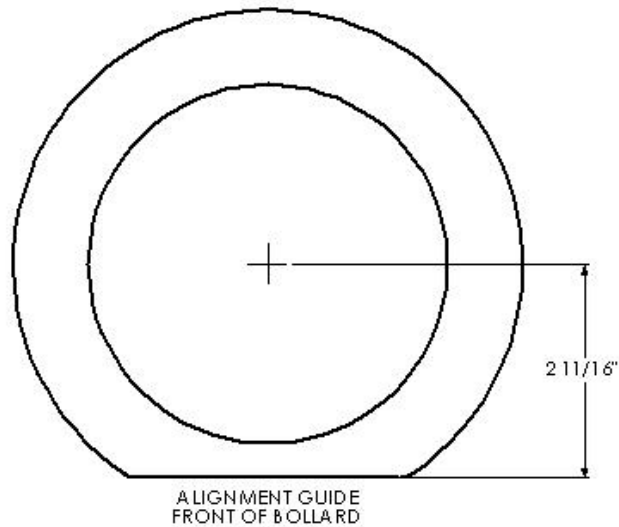


Figure 2: Top View of Bollard Post Assembly Showing Alignment Guide

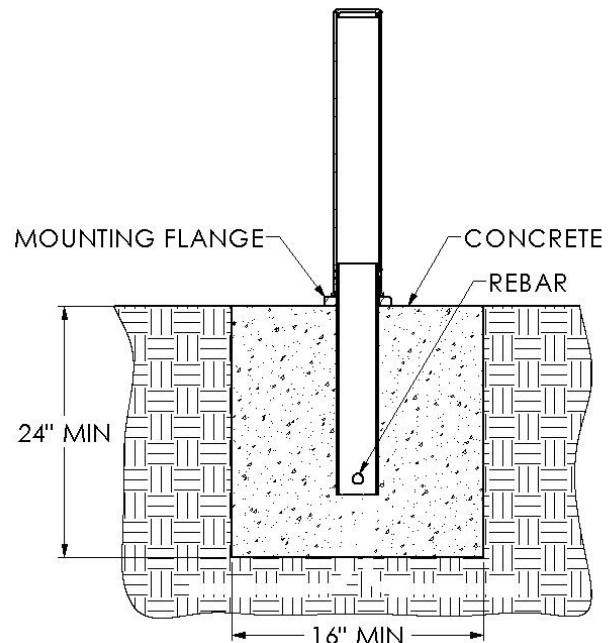


Figure 3: Bollard Tube Assembly Embedding Details

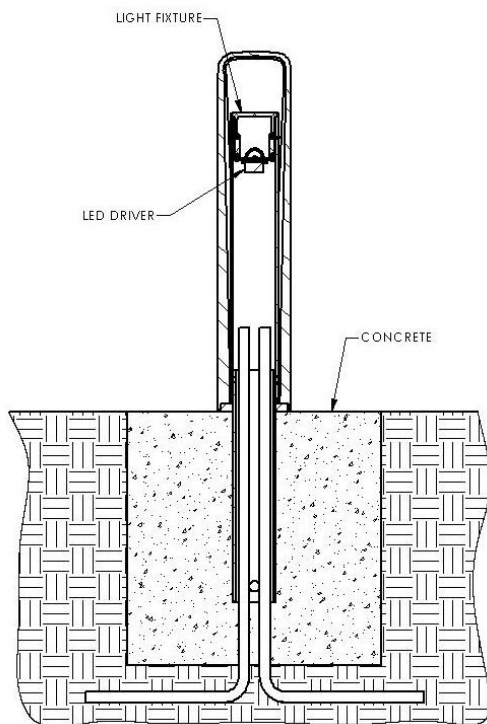


Figure 4: Bollard with Light Installation Details

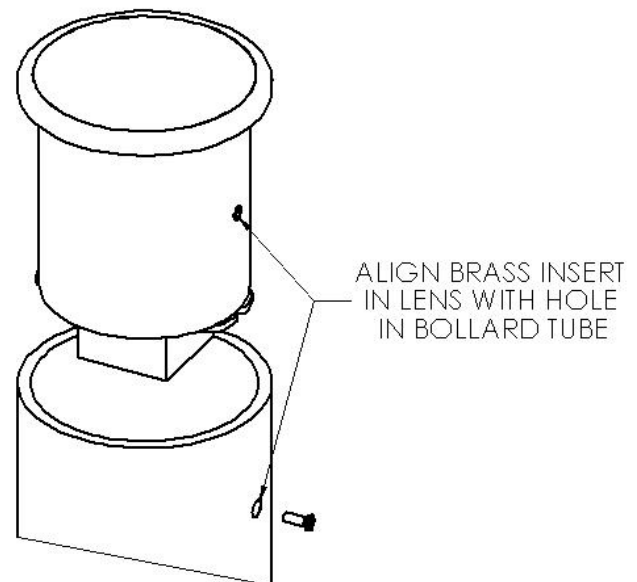
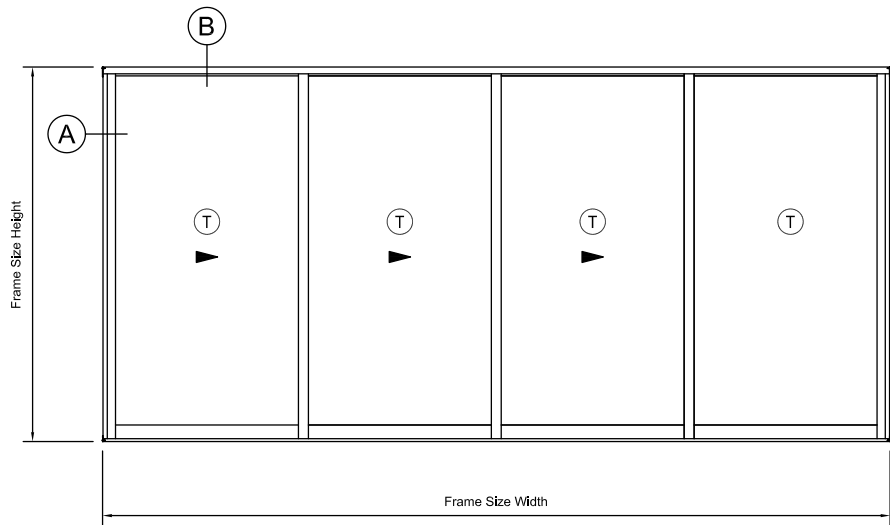
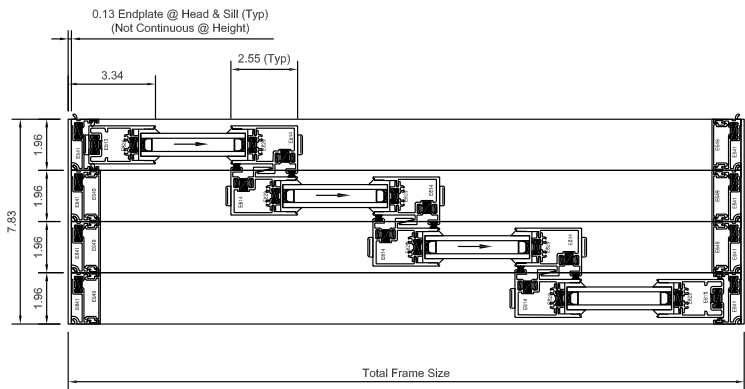


Figure 5: LED Lens Assembly Installation

NON-REMOVABLE BOLLARD OPTION B

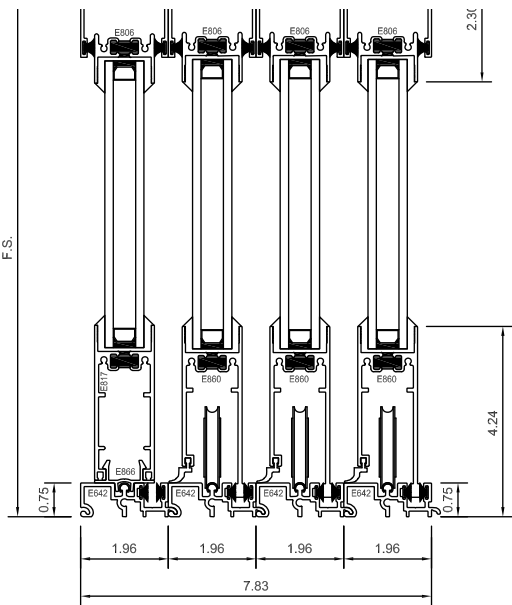


Series 600: Multi-Slide Stacking Door - (Thermally Broken)
(3XO) - 1.81" Diameter Rollers - Flush Sill - No Screen



A Section @ Jambs
Series 600 Multi-Slide Stacking Door (3XO)

Series 600: Multi-Slide Stacking Door - (Thermally Broken)
(3XO) - 1.81" Diameter Rollers - Flush Sill - No Screen



B Section @ Head / Threshold @ 1.81" Dia Rollers
Series 600 Multi-Slide Stacking Door (3XO)

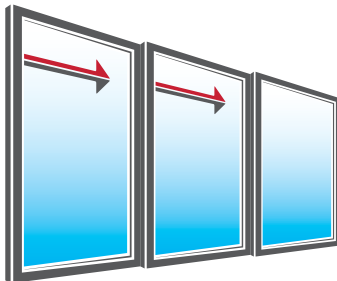
Series 600: Multi-Slide Stacking Door - (Thermally Broken)
(3XO) - 1.81" Diameter Rollers - Flush Sill - No Screen

OPERABLE STOREFRONT

series 600

multi-slide door & window

Western's 600 Series Multi-Slide Doors and Windows are the epitome of design and functionality. While in the closed position, our Multi-Slide Systems are aesthetically pleasing with their narrow sight lines and enormous expanses of glass. Customers love the bold vertical lines and massive panel size options. No stacking door system is better for capturing a custom view. However, we know the real reason you will love our Multi-Slide products — they disappear. Every panel can slide and stack to the side or completely vanish into a pocket, opening up entire rooms to the gorgeous weather while you entertain.



OPERABLE STOREFRONT