

# MIRACLES CENTRAL

## DESIGN REVIEW





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- VICINITY MAP KEYNOTES**
- ① LEGACY HEALTH CENTER
  - ② OREGON CONVENTION CENTER
  - ③ MODA CENTER
  - ④ MEMORIAL COLISEUM
  - ⑤ CROWN PLAZA PORTLAND - DOWNTOWN CONVENTION CENTER
  - ⑥ HOLY ROSARY CHURCH

VICINITY MAP







SITE MAP







SITE FROM NORTH



SITE FROM WEST



SITE FROM SOUTHEAST



SITE FROM SOUTHWEST



LOOKING WEST AT 3RD, BETWEEN WASCO & CLACKAMAS



LOOKING NORTHEAST AT 3RD & CLACKAMAS



LOOKING EAST AT 3RD & WASCO



LOOKING NORTHWEST AT 3RD, BETWEEN WASCO & CLACKAMAS

**SITE & CONTEXT PHOTOS**





LOOKING SOUTHEAST AT 3RD & WASCO



LOOKING NORTHEAST AT 2ND & CLACKAMAS



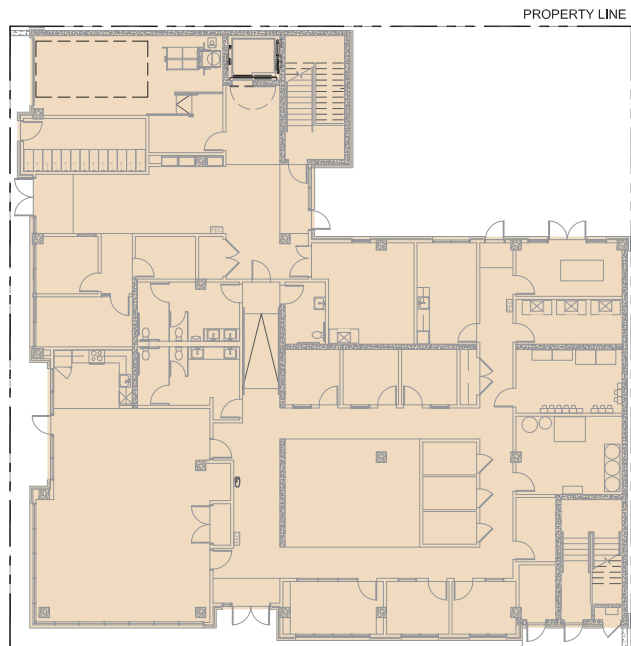
LOOKING SOUTHWEST AT 2ND & WASCO



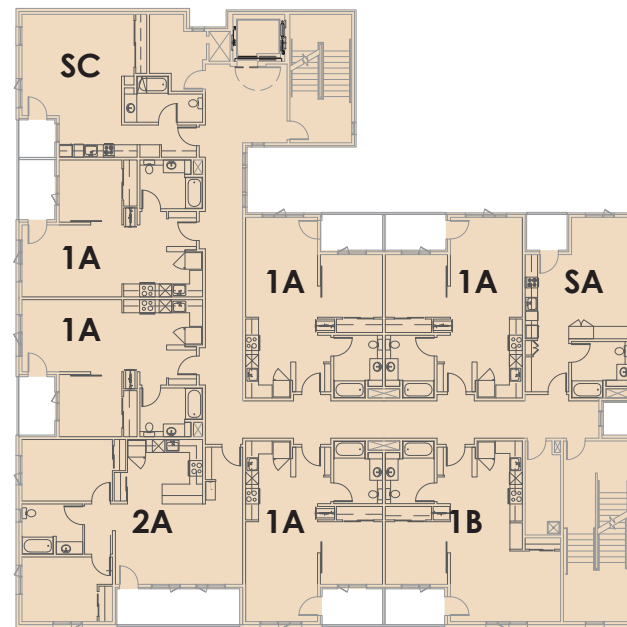
LOOKING SOUTH FROM SITE

NEIGHBORHOOD CONTEXT PHOTOS

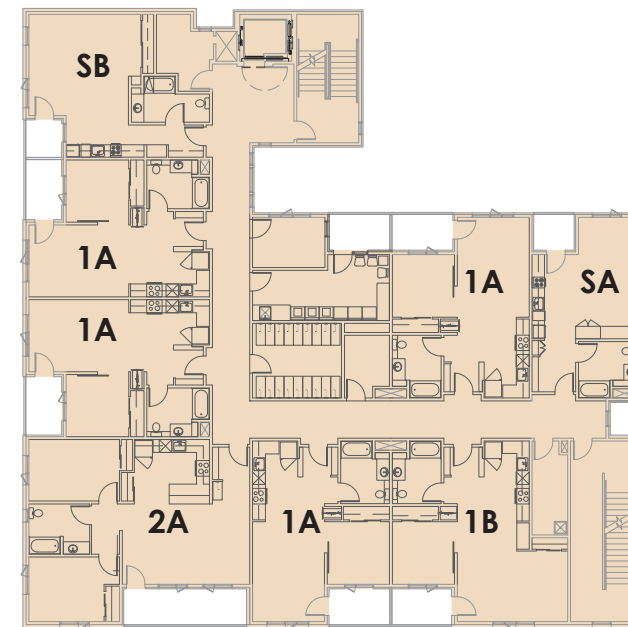




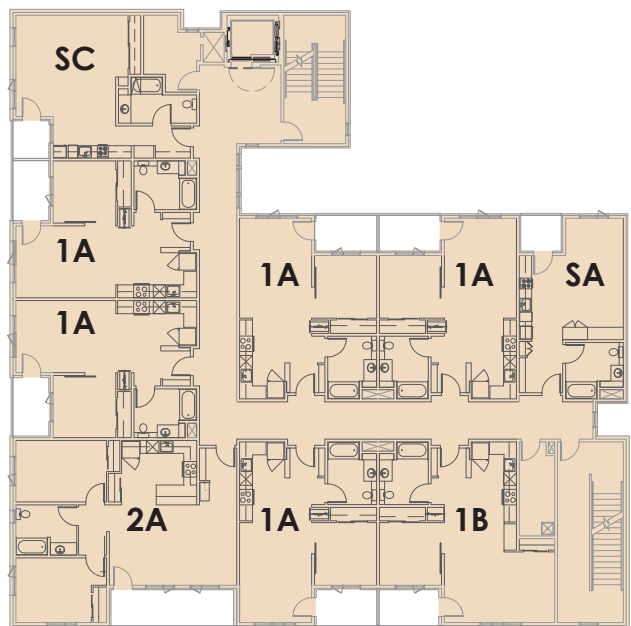
**FLOOR 01**



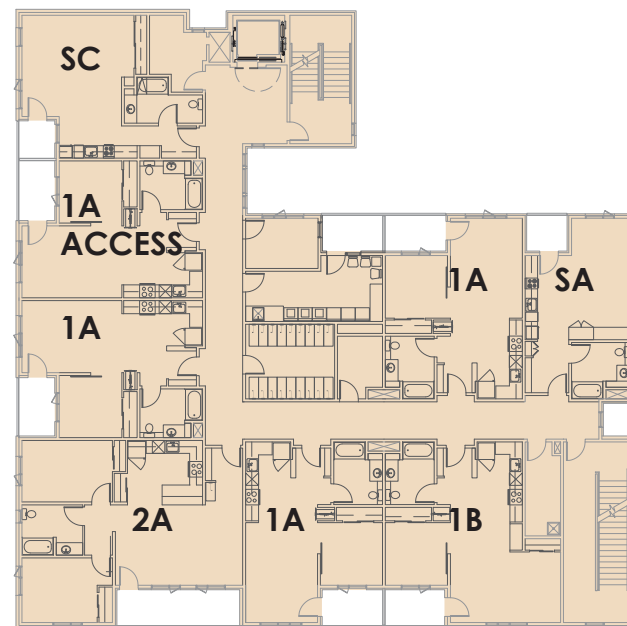
**FLOOR 02**



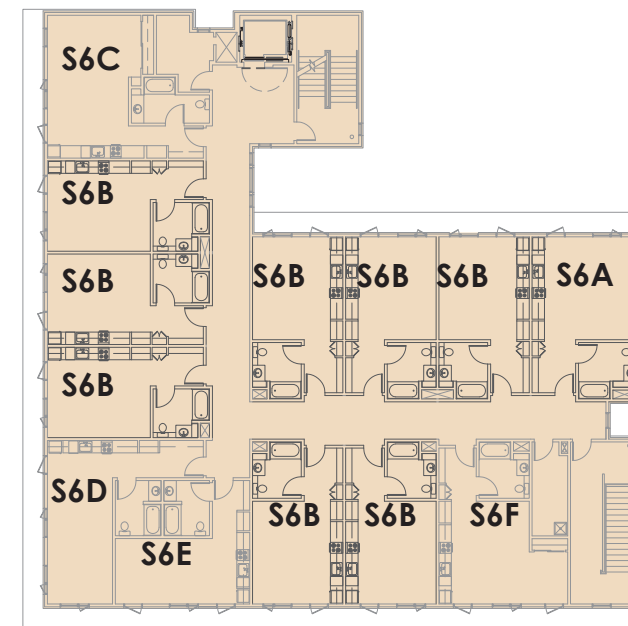
**FLOOR 03**



**FLOOR 04**



**FLOOR 05**



**FLOOR 06**

FLOOR	AREA
FLOOR 01:	7,731 SF
FLOOR 02:	7,647 SF
FLOOR 03:	7,647 SF
FLOOR 04:	7,647 SF
FLOOR 05:	7,647 SF
FLOOR 06:	7,372 SF

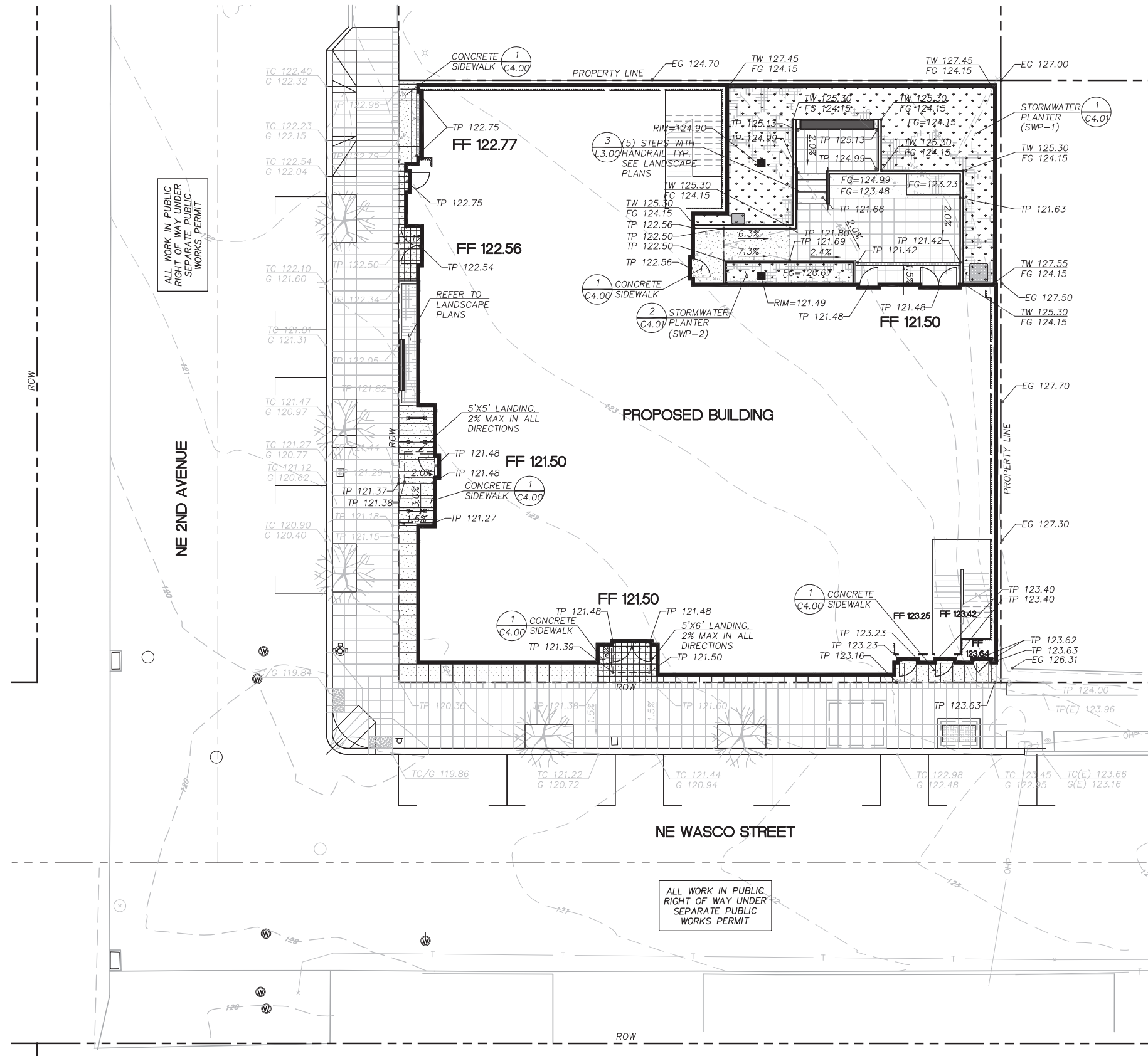
**TOTAL FLOOR AREA 45,691 SF**

FLOOR AREA ALLOWED 90,000 SF  
(SEE ZONING NARRATIVE)

UNIT TYPE	#	UNIT AREA	TOTAL AREA
SA - STUDIO	4	466 NSF	1,864 SF
SB - ACCESS	1	560	560
SC	3	560	1,680
S6A	1	457	457
S6B	8	399	3,192
S6C	1	528	528
S6D	1	470	470
S6E	1	382	382
S6F	1	475	475
1A - 1-BEDROOM	17	608	10,336
1A - ACCESS	1	608	608
1B - 1-BEDROOM	4	698	2,792
2A - 2-BEDROOM	4	958	3,832
<b>TOTAL UNITS</b>	<b>47</b>		<b>27,176 SF</b>

**FAR DIAGRAMS**

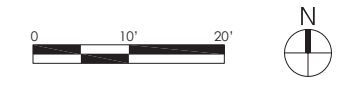




SHEET LEGEND	
	CONCRETE SIDEWALK (1) C4.00
	STORMWATER PLANTER
	EXISTING CONTOUR
	EXISTING GRADE
	GRADE AT GUTTER
	GRADE AT TOP OF CURB
	GRADE AT TOP OF PAVEMENT
	GRADE AT TOP OF WALL
	FINISH FLOOR ELEVATION
	FINISH GRADE
	EXISTING
	SLOPE ARROW
	GRADE BREAK

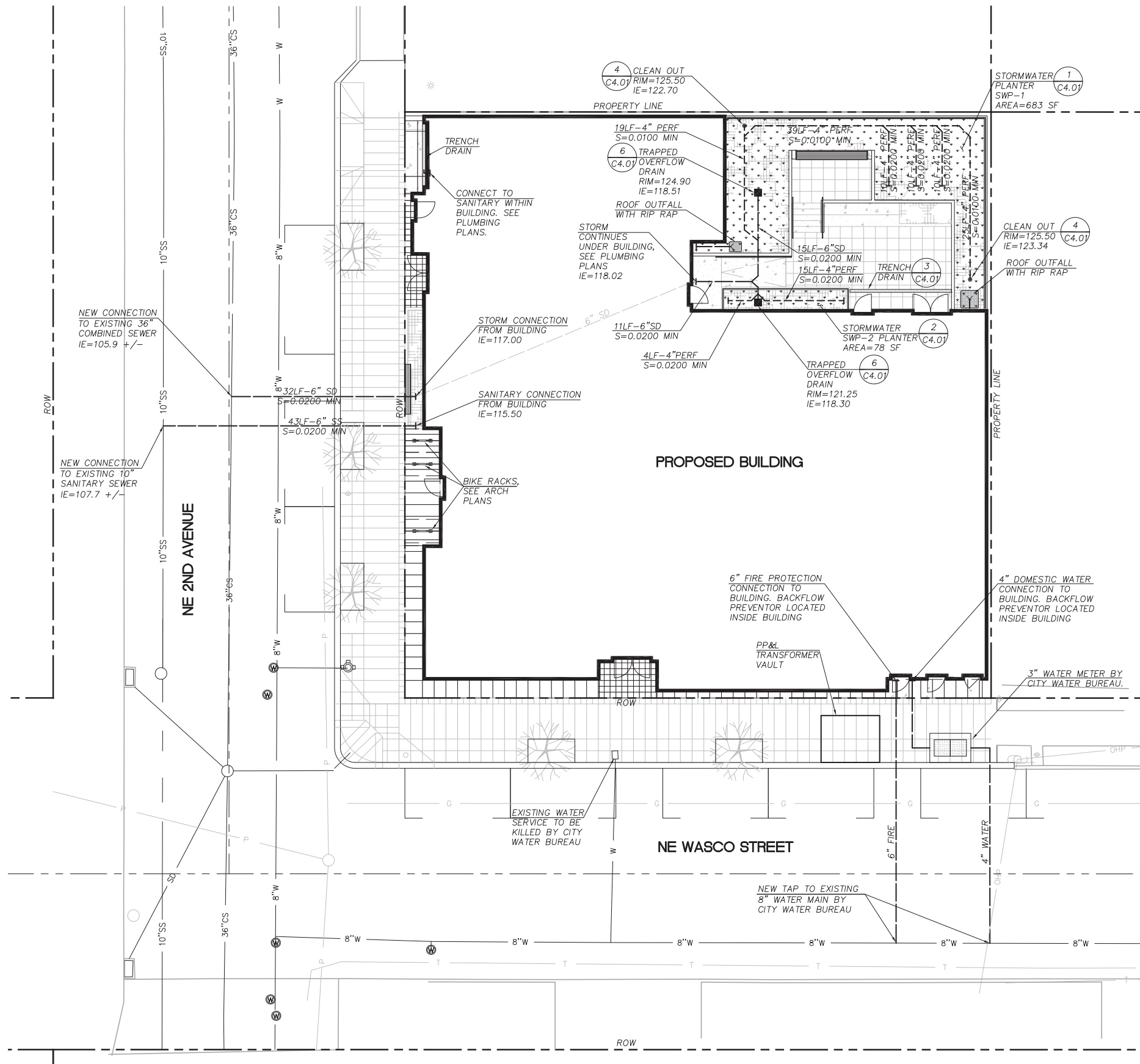
**SHEET NOTES**

1. ALL WORK IN PUBLIC RIGHT OF WAY UNDER SEPARATE PUBLIC WORKS PERMIT.



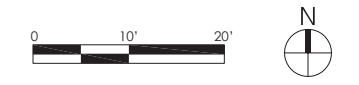
**GRADING & PAVING PLAN**





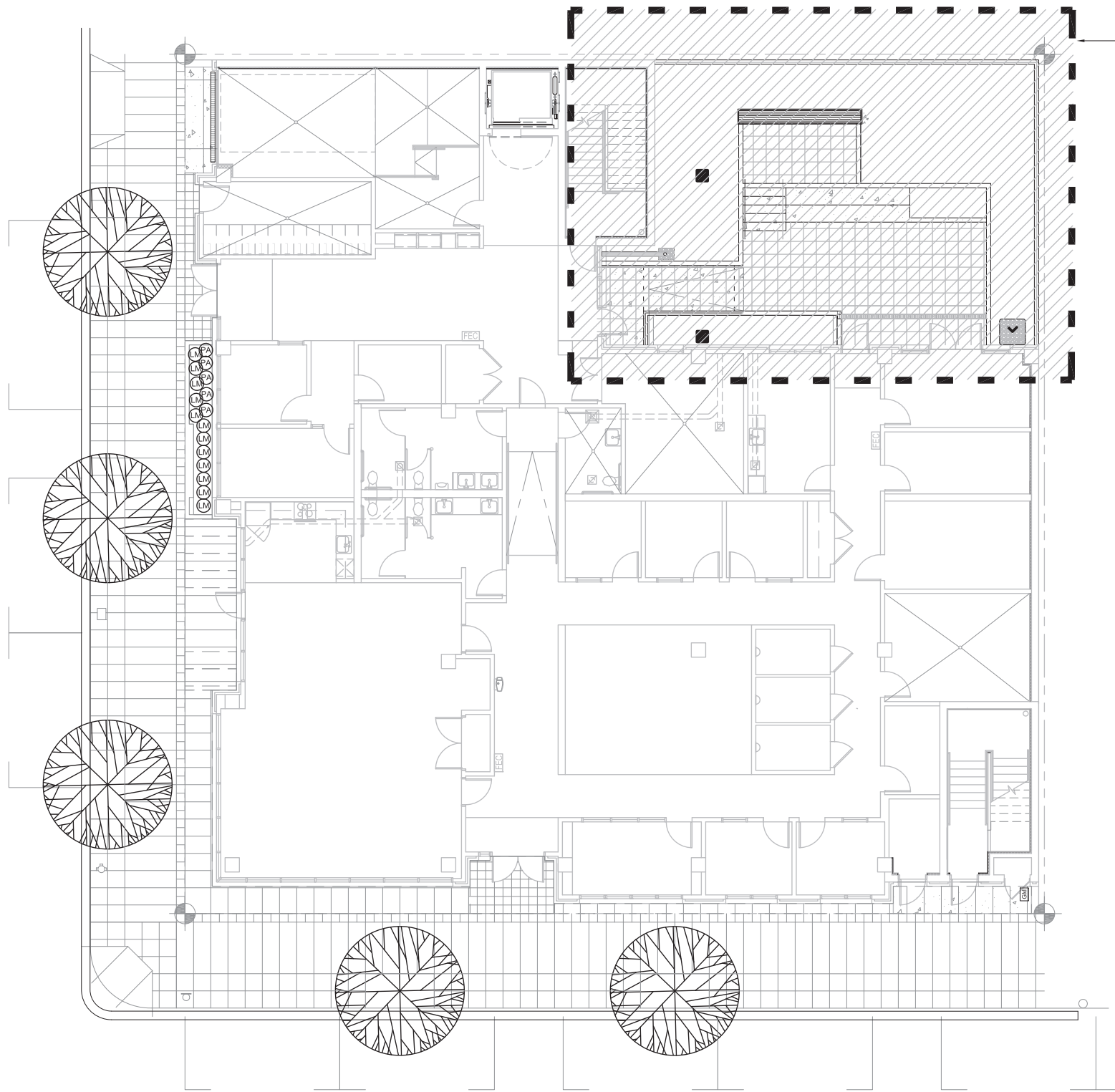
SHEET LEGEND	
•	CLEANOUT
■	OVERFLOW DRAIN
□ (with dots)	STORMWATER PLANTER
□ (with grid)	3' WIDE RIP RAP
— (solid)	WATER
— (dashed)	WATER BY CITY
— (dash-dot)	STORM
— (long-dash)	PERFORATED STORM
— (short-dash)	SEWER

- SHEET NOTES**
1. ACO POLYMER TRENCH DRAIN OR APPROVED EQUAL, K1 THROUGH K4 CHANNELS. SEE DETAIL 3, SHEET C4.01.
  2. TOP GRATE STYLE TO BE APPROVED BY ARCHITECT AND/OR LANDSCAPE ARCHITECT.
  3. CONTRACTOR RESPONSIBLE TO PICK UP WATER AND FIRE CONNECTIONS AT ROW.
  4. GAS METER LOCATED IN BUILDING. REFER TO PLUMBING PLANS.



**UTILITY PLAN**





COURTYARD PLANTING, SEE SHEET L2.2

**TREE SCHEDULE**

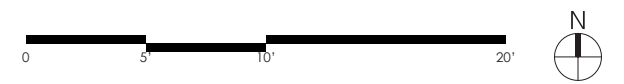
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	HABIT	QTY
	ZELKOVA SERRATA 'MUSHASHINO'	MUSHASHINO ZELKOVA	2.5" CAL.	SINGLE TRUNK	5

**PLANT SCHEDULE**

SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
LM	LIRIOPE MUSCARI 'BIG BLUE'	BIG BLUE LILY TURF	1 GAL.	AS SHOWN	12
PA	PENNISETUM ALOPECUROIDES 'HAMELN'	DWARF FOUNTAIN GRASS	1 GAL.	AS SHOWN	5

**GENERAL NOTES**

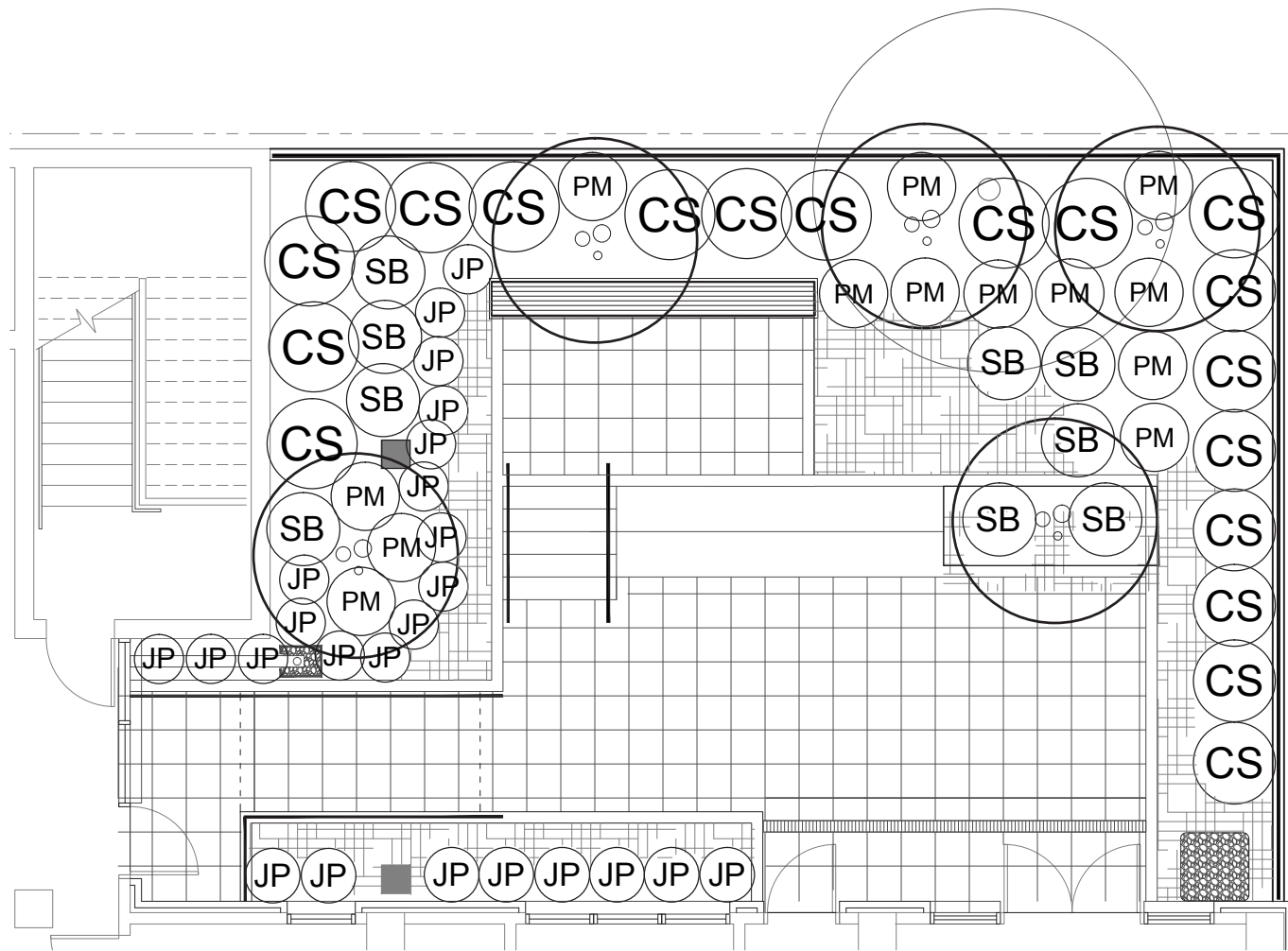
1. IF CONTRACTOR IS UNABLE TO FIND PLANTS ABOVE, SUBSTITUTION CHOICES WILL BE MADE BY THE LANDSCAPE ARCHITECT.
2. LANDSCAPE ARCHITECT SHALL APPROVE ALL PLANTS PRIOR TO PLANTING. ONLY PLANTS IN GOOD HEALTH WILL BE ACCEPTED.
3. LANDSCAPE ARCHITECT SHALL ADJUST ALL PLANT LOCATIONS IN THE FIELD PRIOR TO PLANTING.
4. SEE SPECIFICATION SECTION 32 90 00 - 3.2 - B, 'SOIL MIX FOR PLANTERS' FOR SOIL AMENDMENT DETAILS.
5. FOR PLANTING AND SOIL PREPARATION DETAILS, SEE SHEET L3.3.











TREE SCHEDULE					
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	HABIT	QTY
	ACER CIRCINATUM (REPLACEMENTS FOR CHESTNUT TREE REMOVED)	VINE MAPLE	7-8' B&B	MULTI TRUNK	5
PLANT SCHEDULE					
SYMBOL	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	QTY
	CAREX MORROWII 'ICE DANCE'	ICE DANCE JAPANESE SEDGE	4 INCH	8" O.C.	FLAT
CS	CORNUS SERICEA 'SANTI'	REDTWIG DOGWOOD	5 GAL.	AS SHOWN	19
JP	JUNCUS PATENS 'ELK BLUE'	CALIFORNIA RUSH	3 GAL.	AS SHOWN	24
PM	POLYSTICHUM MUNIUM	SWORD FERN	3 GAL.	AS SHOWN	13
SB	SPIREA BETULIFOLIA	BIRCHLEAF SPIREA	5 GAL.	AS SHOWN	9

- GENERAL NOTES**
- IF CONTRACTOR IS UNABLE TO FIND PLANTS ABOVE, SUBSTITUTION CHOICES WILL BE MADE BY THE LANDSCAPE ARCHITECT.
  - LANDSCAPE ARCHITECT SHALL APPROVE ALL PLANTS PRIOR TO PLANTING. ONLY PLANTS IN GOOD HEALTH WILL BE ACCEPTED.
  - LANDSCAPE ARCHITECT SHALL ADJUST ALL PLANT LOCATIONS IN THE FIELD PRIOR TO PLANTING.
  - SEE SPECIFICATION SECTION 32 90 00 - 3.2 - B, 'SOIL MIX FOR PLANTERS' FOR SOIL AMENDMENT DETAILS.
  - SOIL COMPACTION WILL BE AVOIDED TO THE EXTENT POSSIBLE WHEN PLANTING. LIMIT AMOUNT OF FOOT TRAFFIC IN BEDS WHILE PLANTING.
  - FOR PLANTING AND SOIL PREPARATION DETAILS, SEE SHEET L3.3.

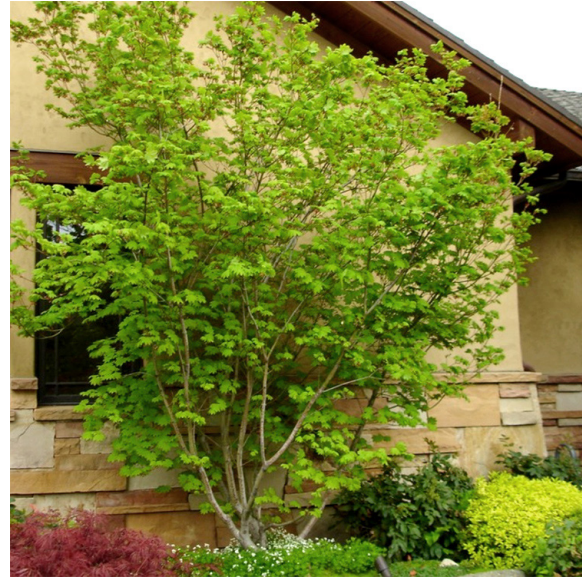


**COURTYARD PLANTING PLAN & LEGEND**





**CAREX MORROWII**



**ACER CIRCINATUM**



**CORNUS SERICEA ISANTI**



**LIRIOPE MUSCARI 'BIG BLUE'**



**MUSASHINO - STREET TREE**



**SPIREA BETULIFOLIA**



**SWORD FERN**



**JUNCUS PATENS**



**PENNISETUM ALOPECUROIDES 'HAMELN'**

**PLANT PALETTE**





**BIKE RACK EXAMPLE**



**BENCH EXAMPLE**



**PAVER EXAMPLE**



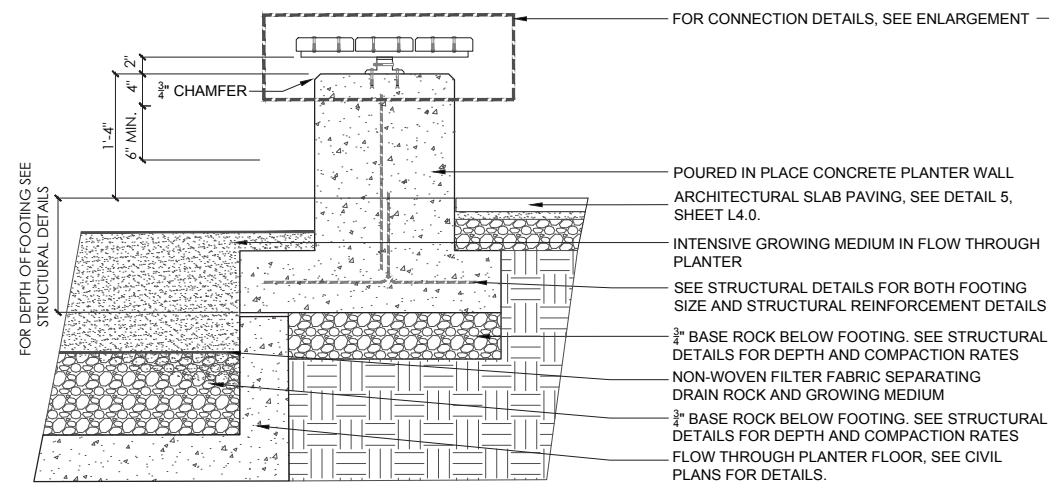
**CUSTOM COURTYARD BENCH**

**CUSTOM BENCH AND GUARDRAIL DESIGNS SEE SHEET 15 FOR DETAILS**

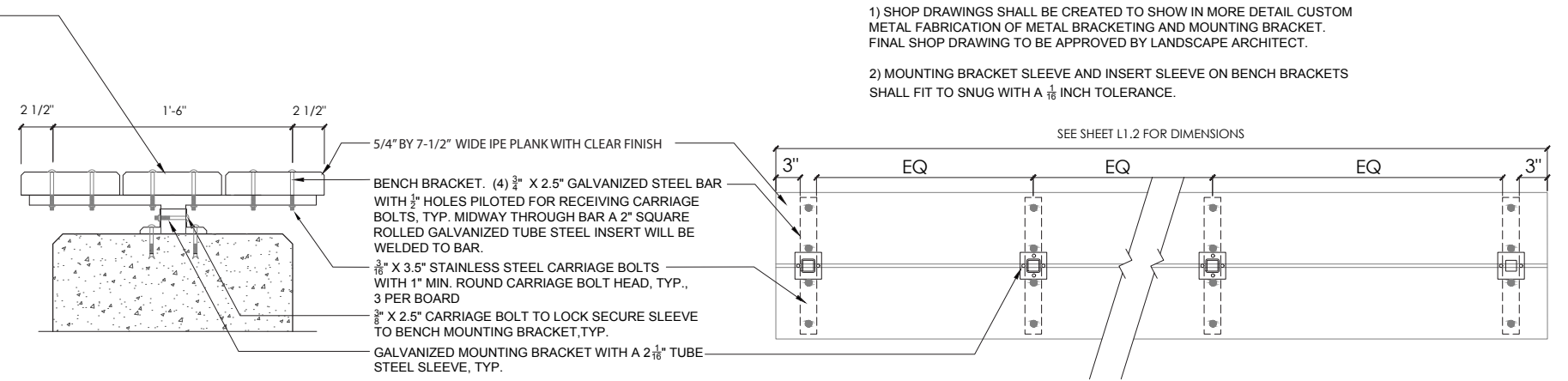
**LANDSCAPE MATERIAL REFERENCES**







**SECTION**  
**1. CONCRETE WALL WITH WOOD SEATING AT COURTYARD**



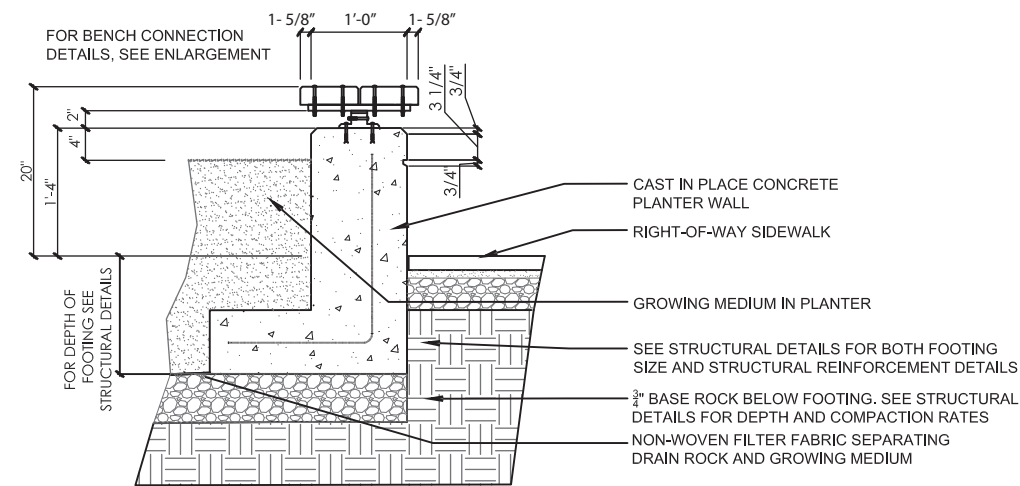
**ENLARGED SEAT DETAIL**  
 1/2" = 1'-0"

**ENLARGED PLAN**

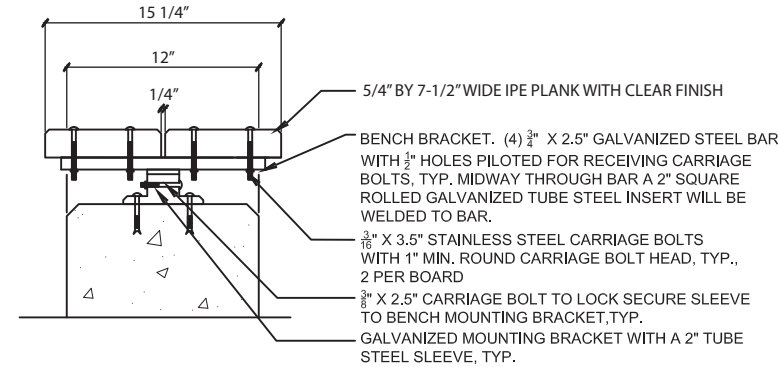
NOTES

1) SHOP DRAWINGS SHALL BE CREATED TO SHOW IN MORE DETAIL CUSTOM METAL FABRICATION OF METAL BRACKETING AND MOUNTING BRACKET. FINAL SHOP DRAWING TO BE APPROVED BY LANDSCAPE ARCHITECT.

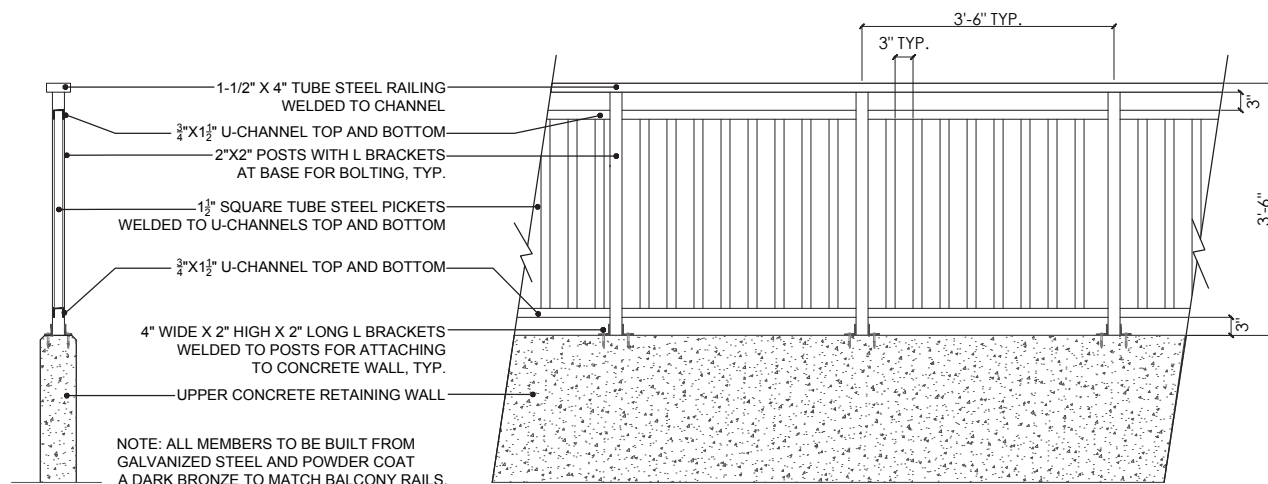
2) MOUNTING BRACKET SLEEVE AND INSERT SLEEVE ON BENCH BRACKETS SHALL FIT TO SNUG WITH A 1/16" INCH TOLERANCE.



**SECTION**  
**2. WOOD SEATING AT STREET PLANTER**  
 1/2" = 1'-0"



**ENLARGED SEAT DETAIL**



**3. CUSTOM METAL GUARD RAIL AT COURTYARD WALL**  
 3/8" = 1'-0"

**LANDSCAPE DETAILS**







ENTRY ALONG NE WASCO ST. LOOKING NE



ENTRY ALONG NE 2ND AVENUE LOOKING NE

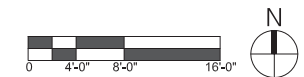








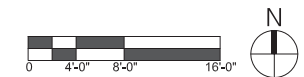
**SITE PLAN & GROUND FLOOR PLAN**



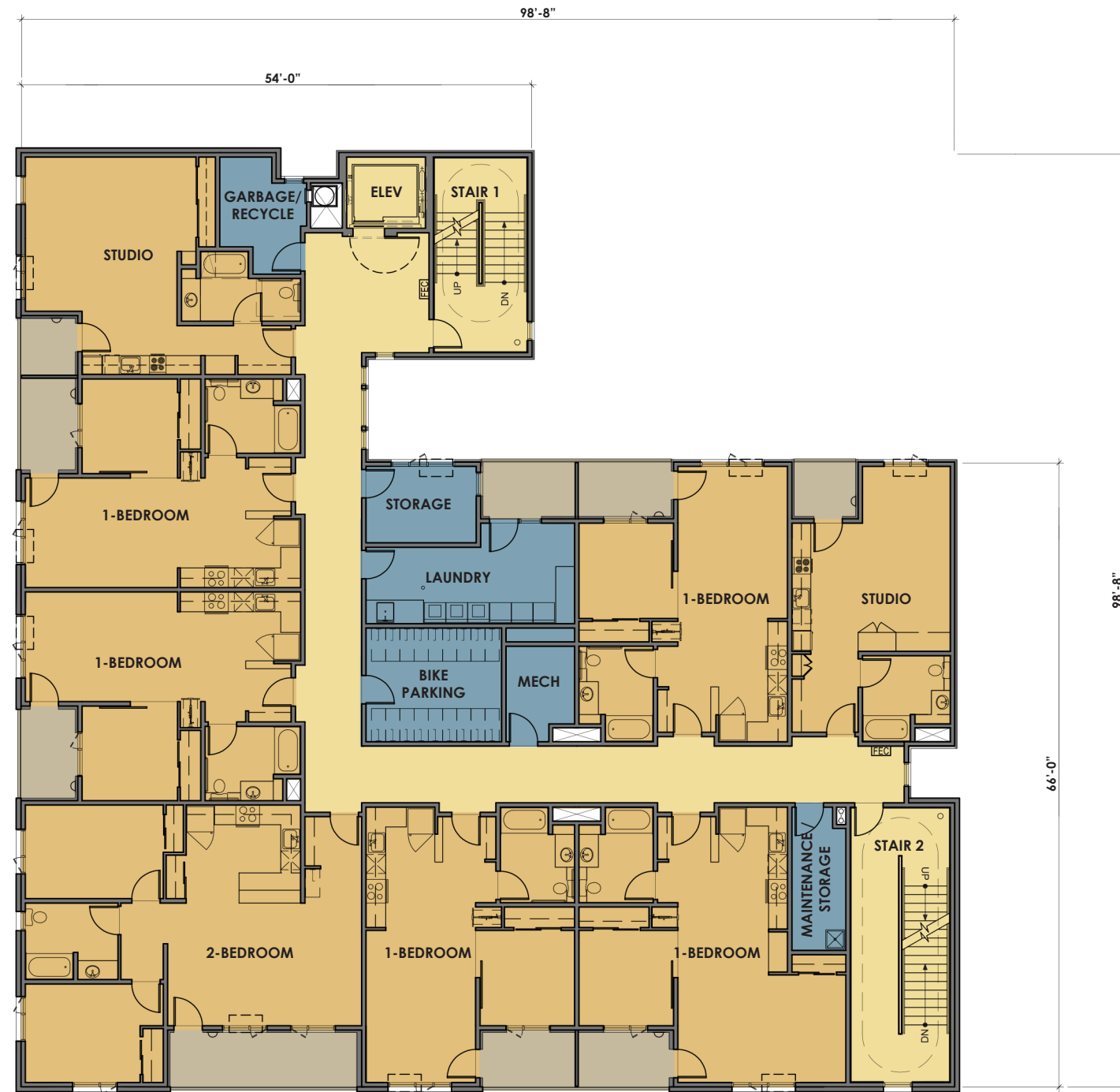




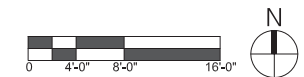
FLOOR 02 PLAN







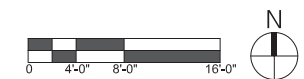
FLOOR 03 PLAN



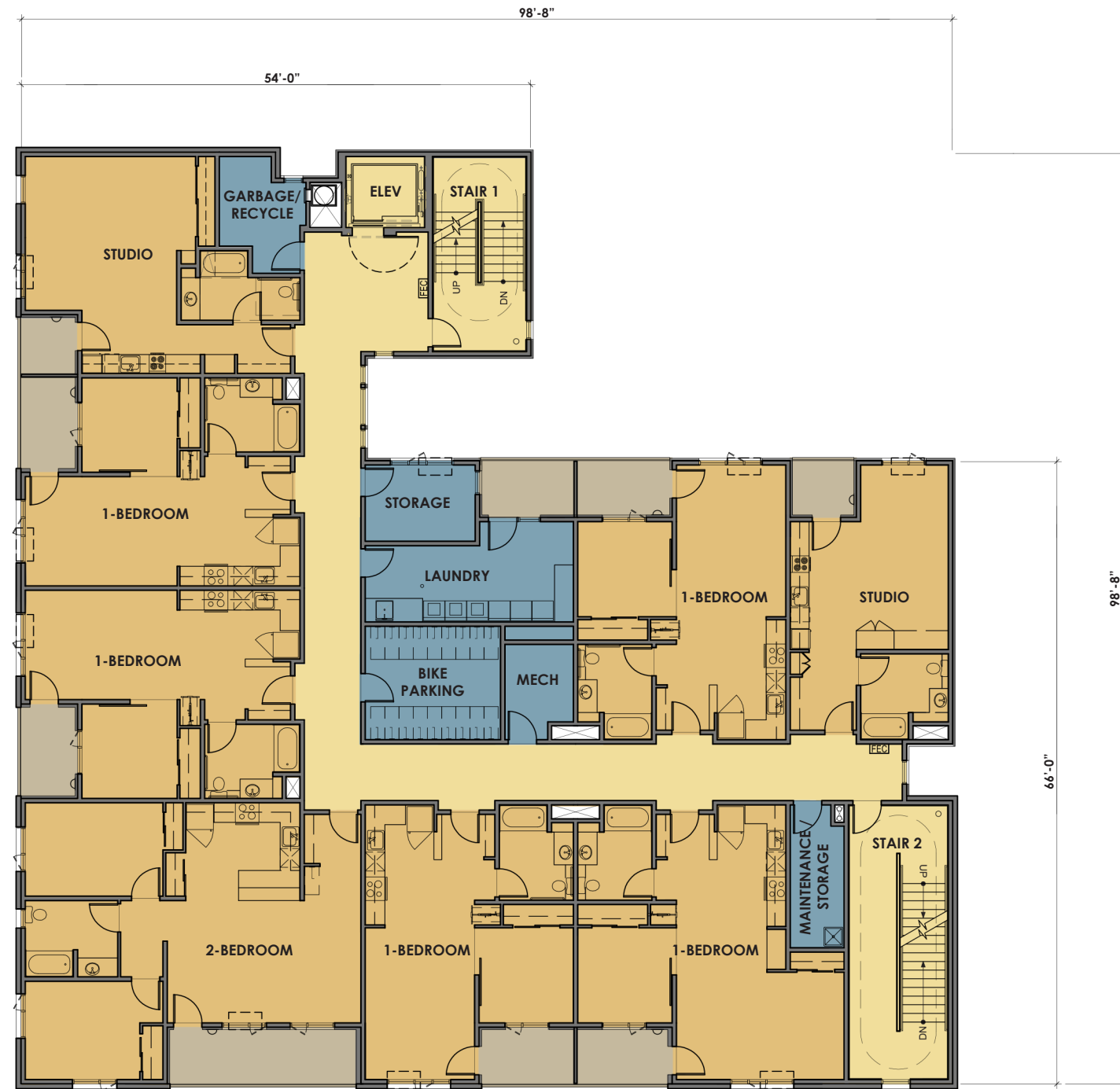




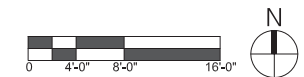
FLOOR 04 PLAN







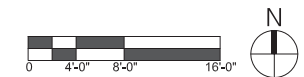
FLOOR 05 PLAN



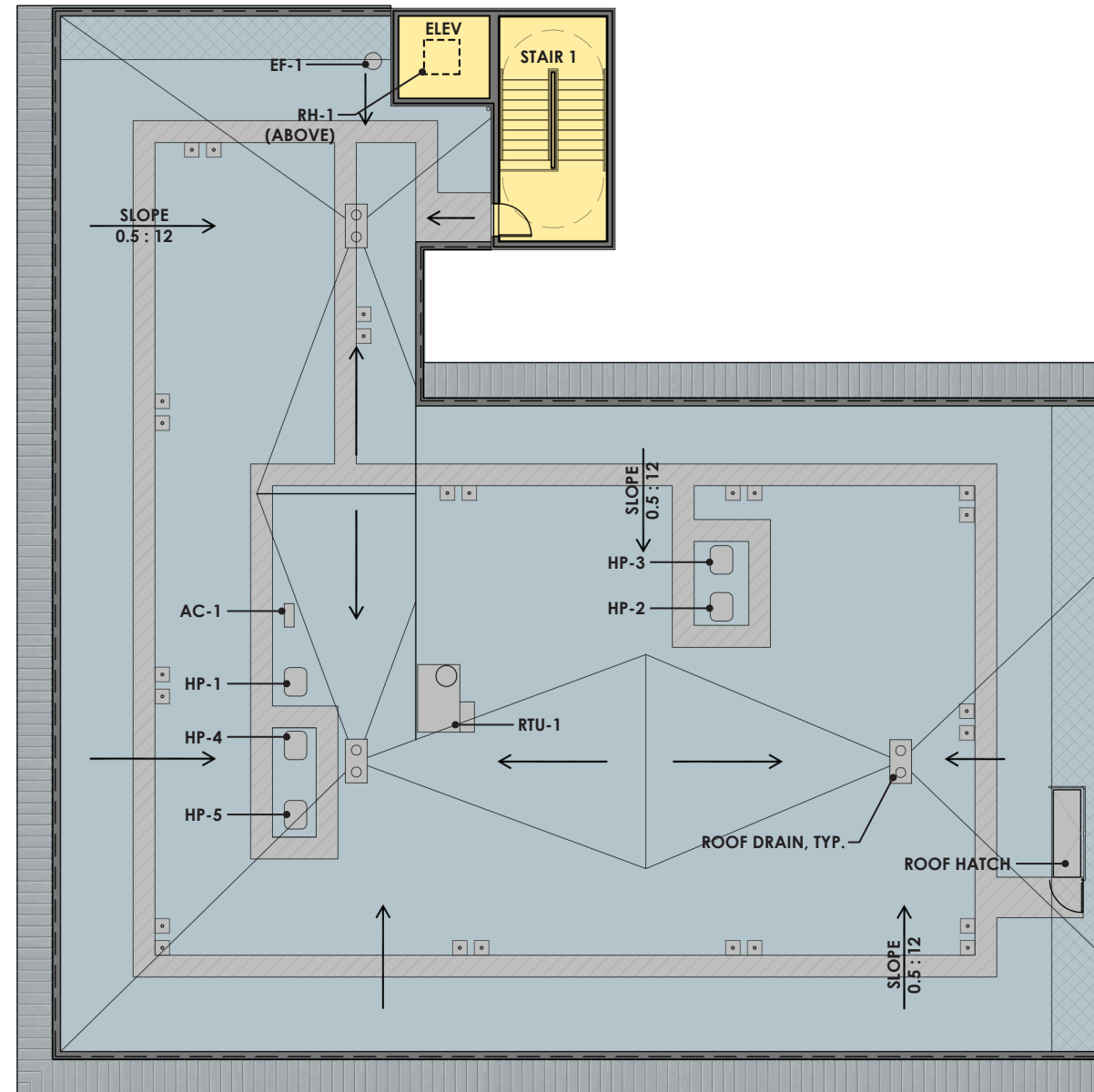




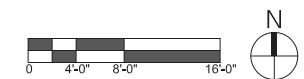
FLOOR 06 PLAN



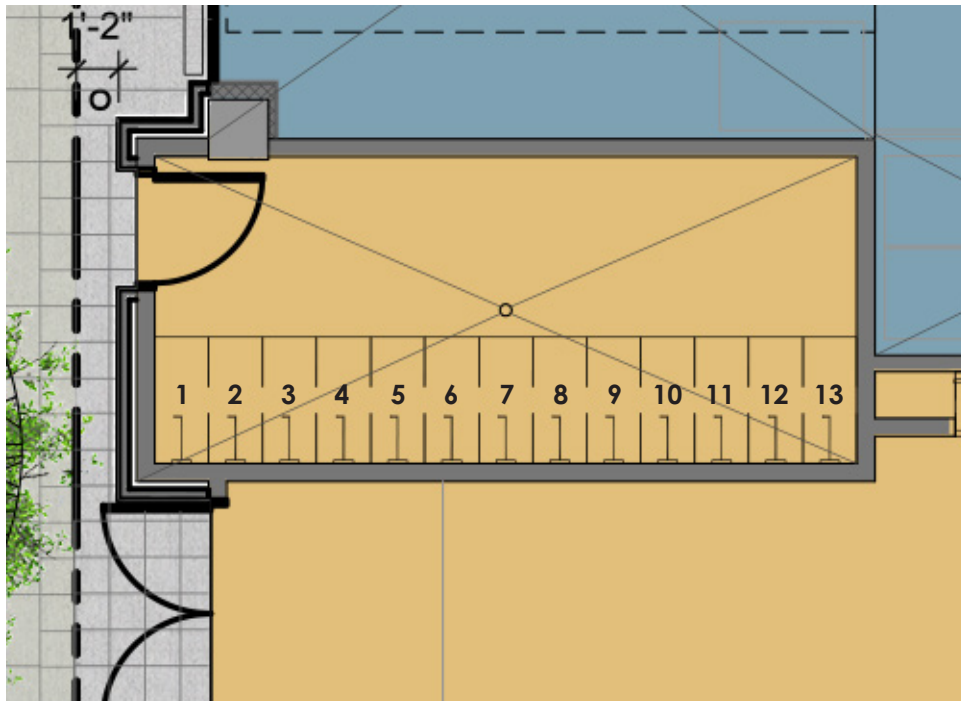




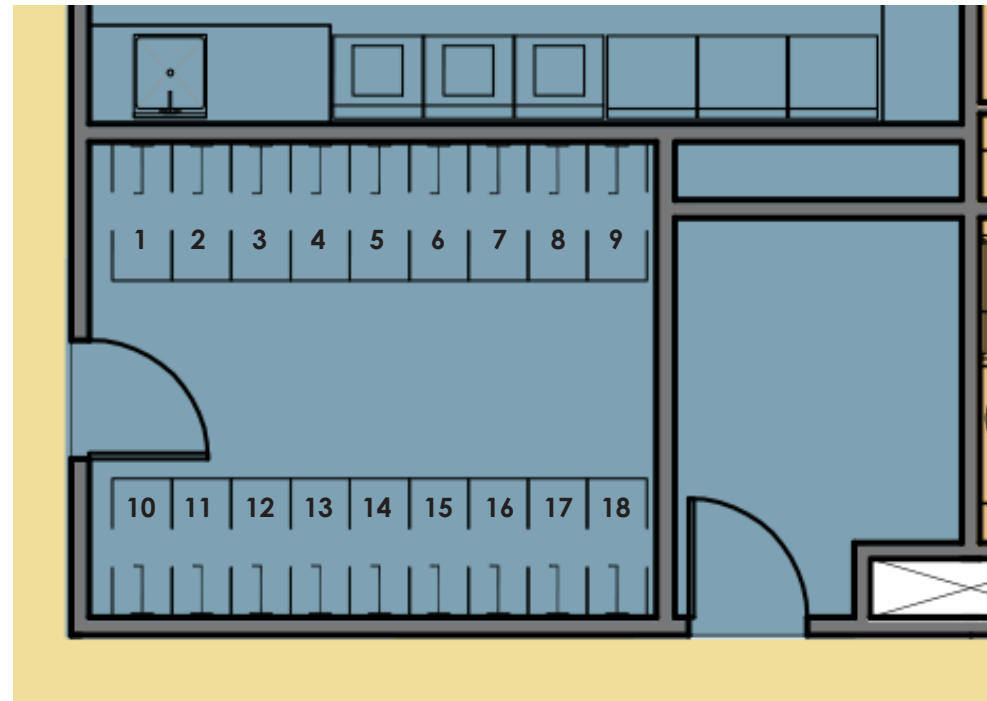
ROOF PLAN





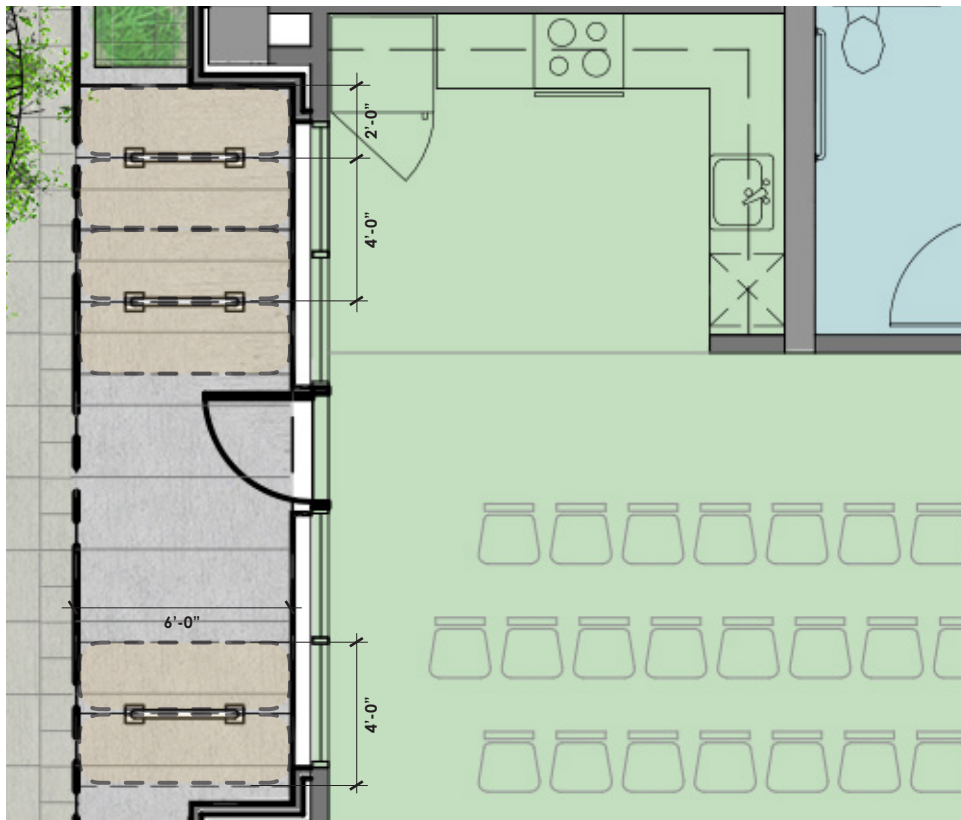


**BICYCLE PARKING AT GROUND FLOOR  
LONG-TERM**

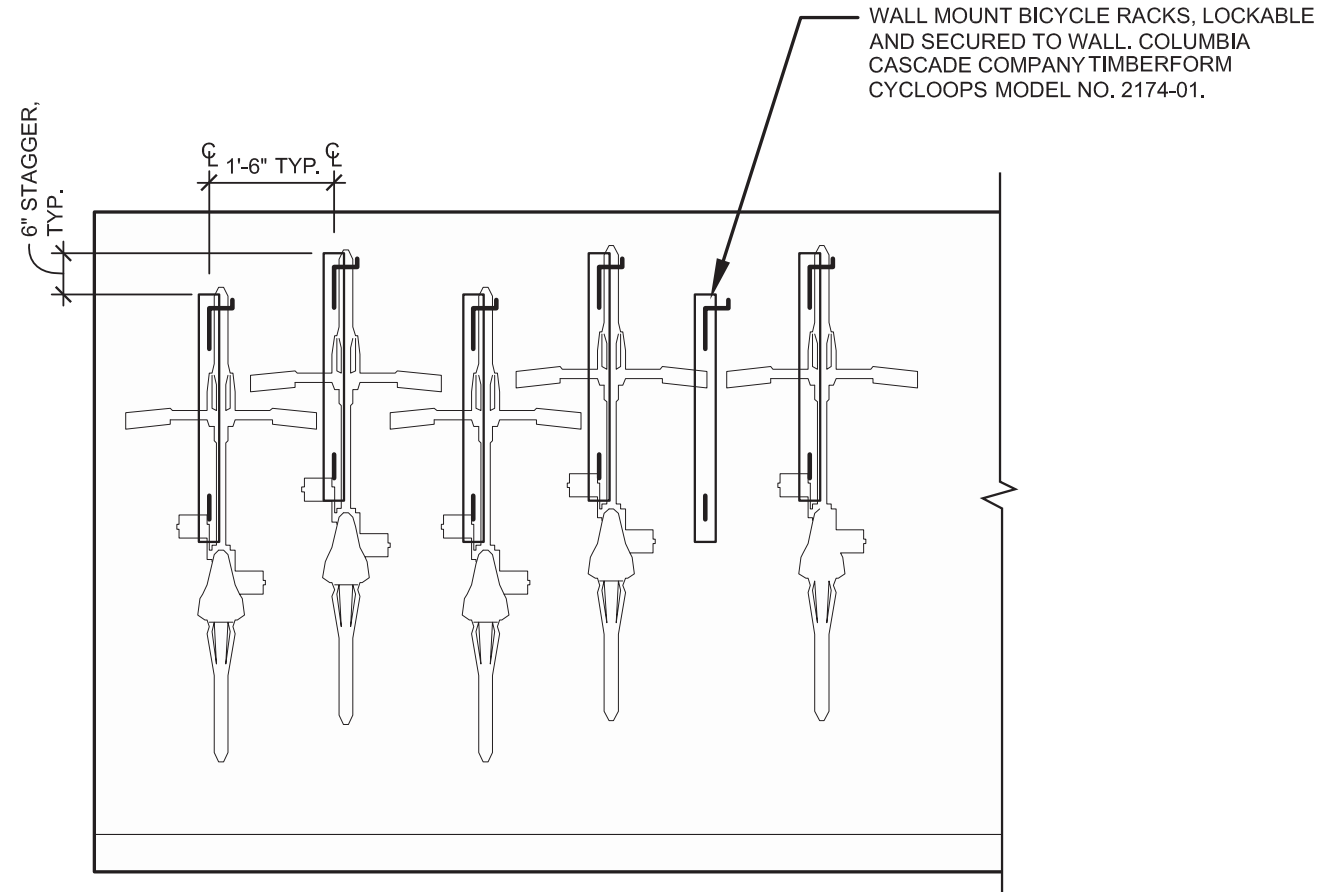


**BICYCLE STORAGE AT 3RD & 5TH FLOOR**

- LONG TERM BICYCLE STORAGE ROOM ON FLOOR 1, 3, 5 AND 1 & 2 BEDROOM APARTMENTS - 73 SPACES
- 6 SHORT TERM SPACES
- REQUEST A MODIFICATION TO DIMENSION OF LONG TERM BIKE SPACES TO PROVIDE STAGGERED WALL MOUNT RACKS
- REQUEST MODIFICATION TO SHORT TERM LOCATION - SPACES ARE GROUPED IN AN ALCOVE BETWEEN BOTH ENTRANCES. 25' TO PRIMARY BUILDING ENTRANCE. 68' TO SECONDARY ENTRANCE.



**BICYCLE PARKING AT GROUND FLOOR  
SHORT-TERM**



**BICYCLE STORAGE ROOM ELEVATION**



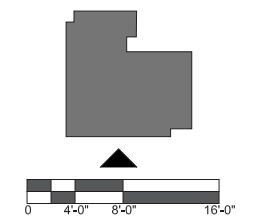
**REFERENCE IMAGE**

**BICYCLE STORAGE**





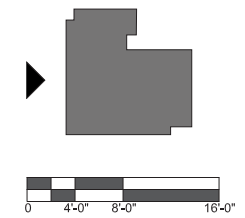
ELEVATION - SOUTH







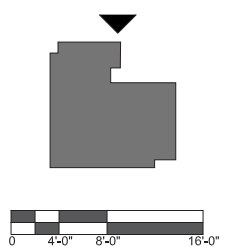
ELEVATION - WEST







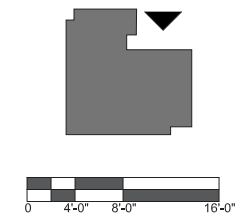
ELEVATION - NORTH



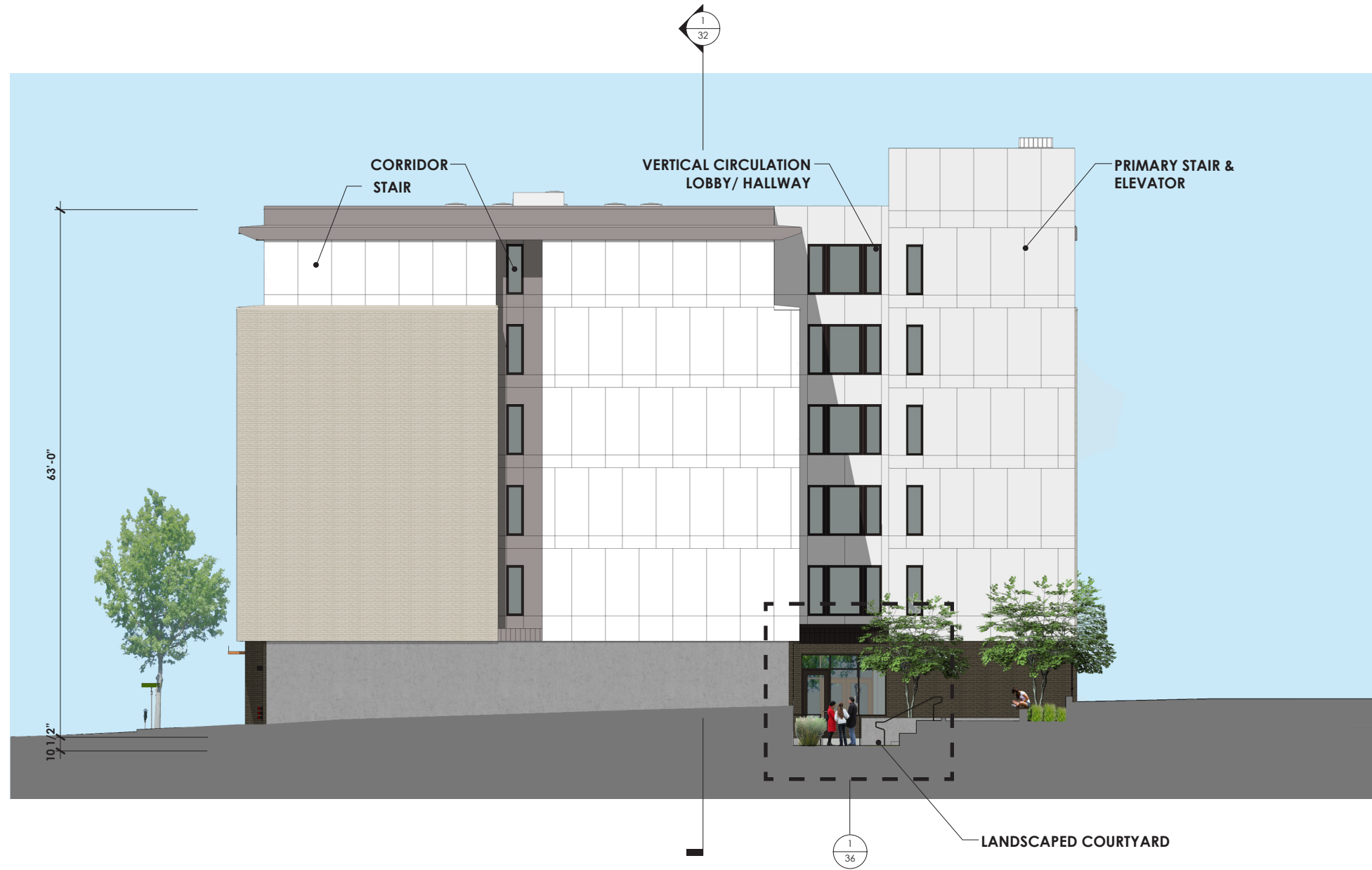




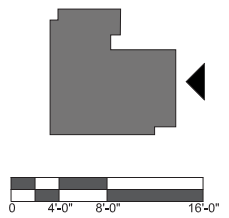
ELEVATION - NORTH AT COURTYARD



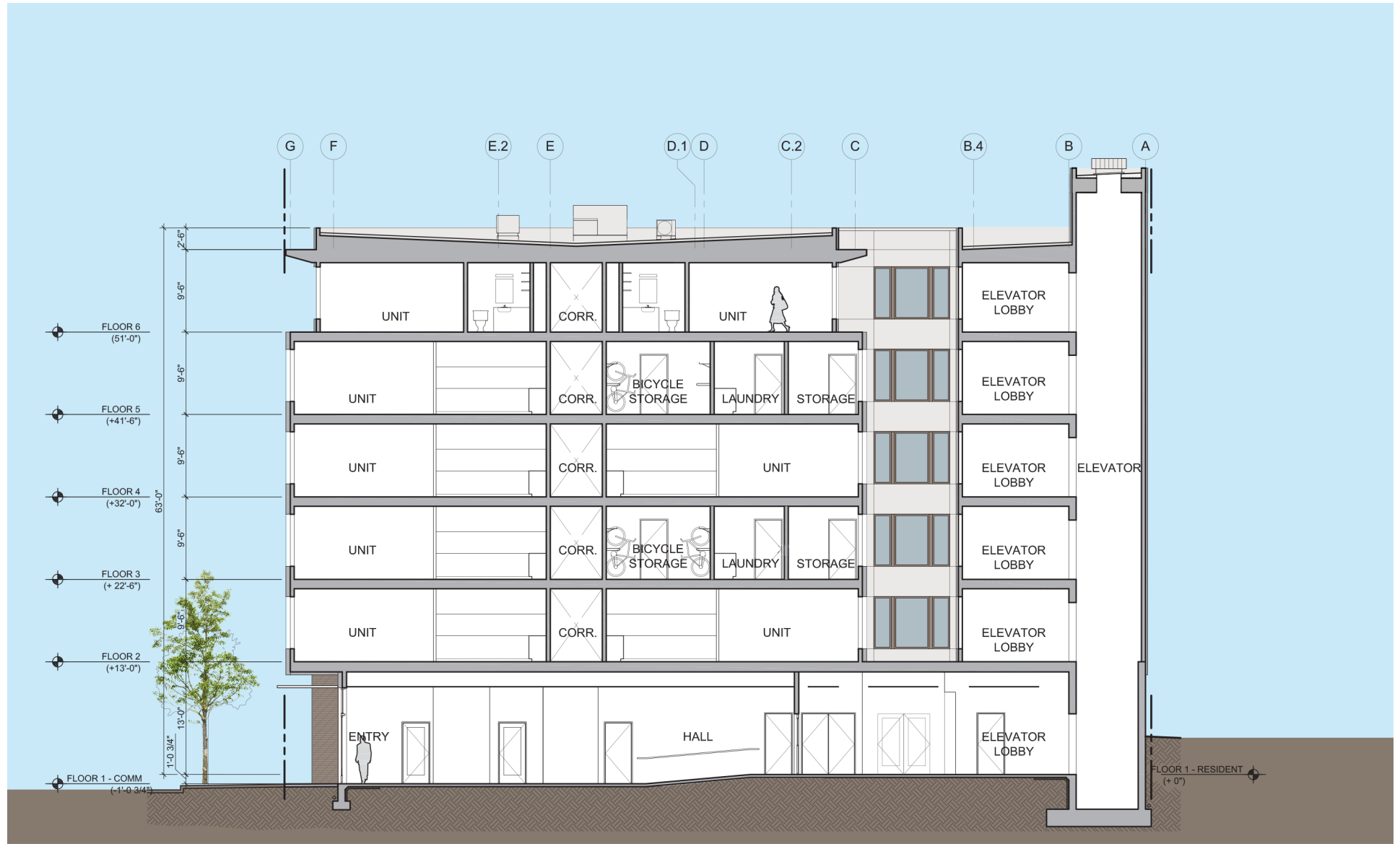




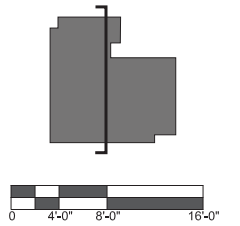
ELEVATION - EAST



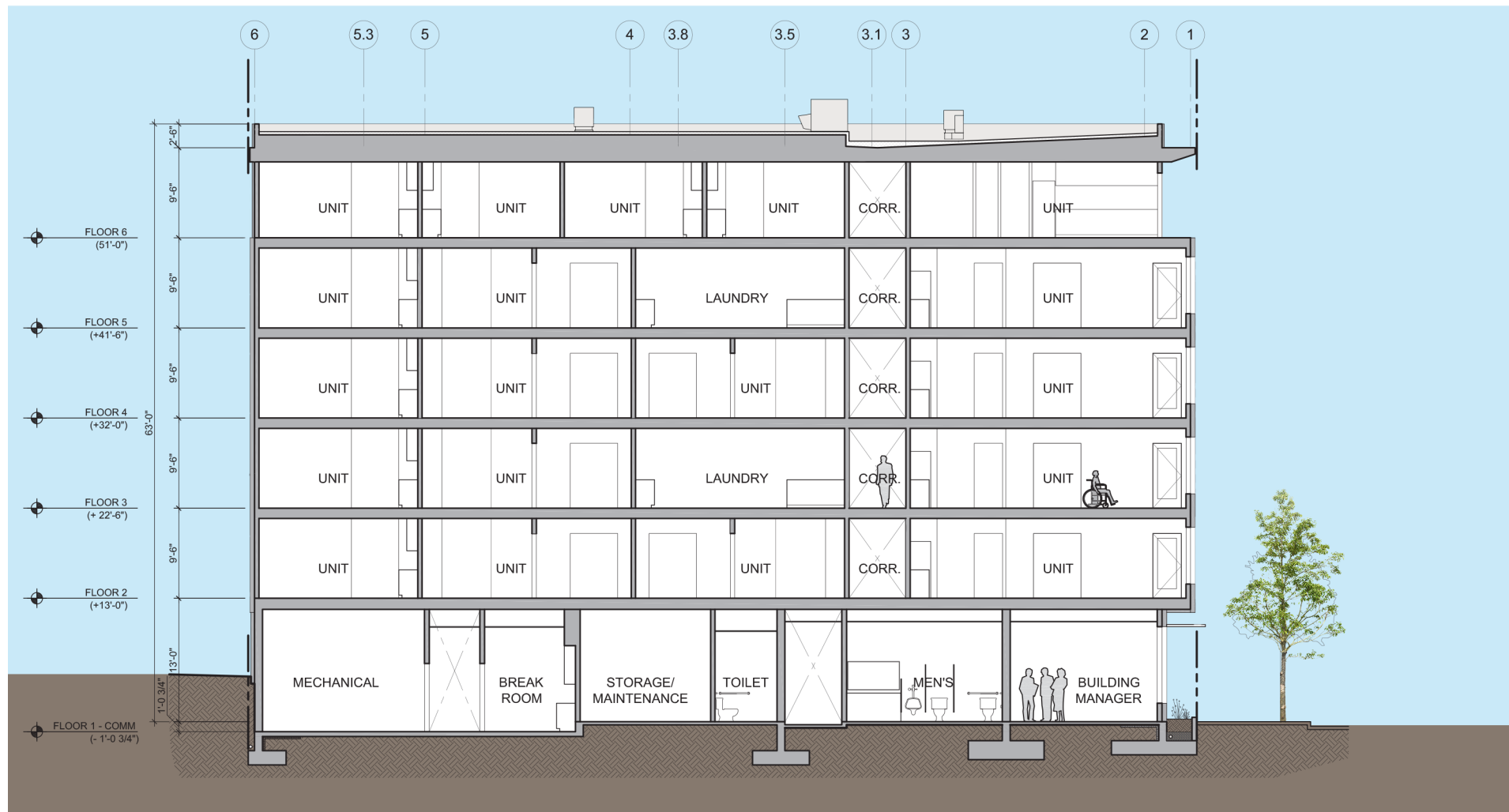




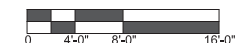
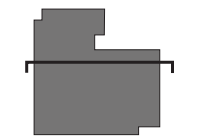
BUILDING SECTION - NORTH/SOUTH



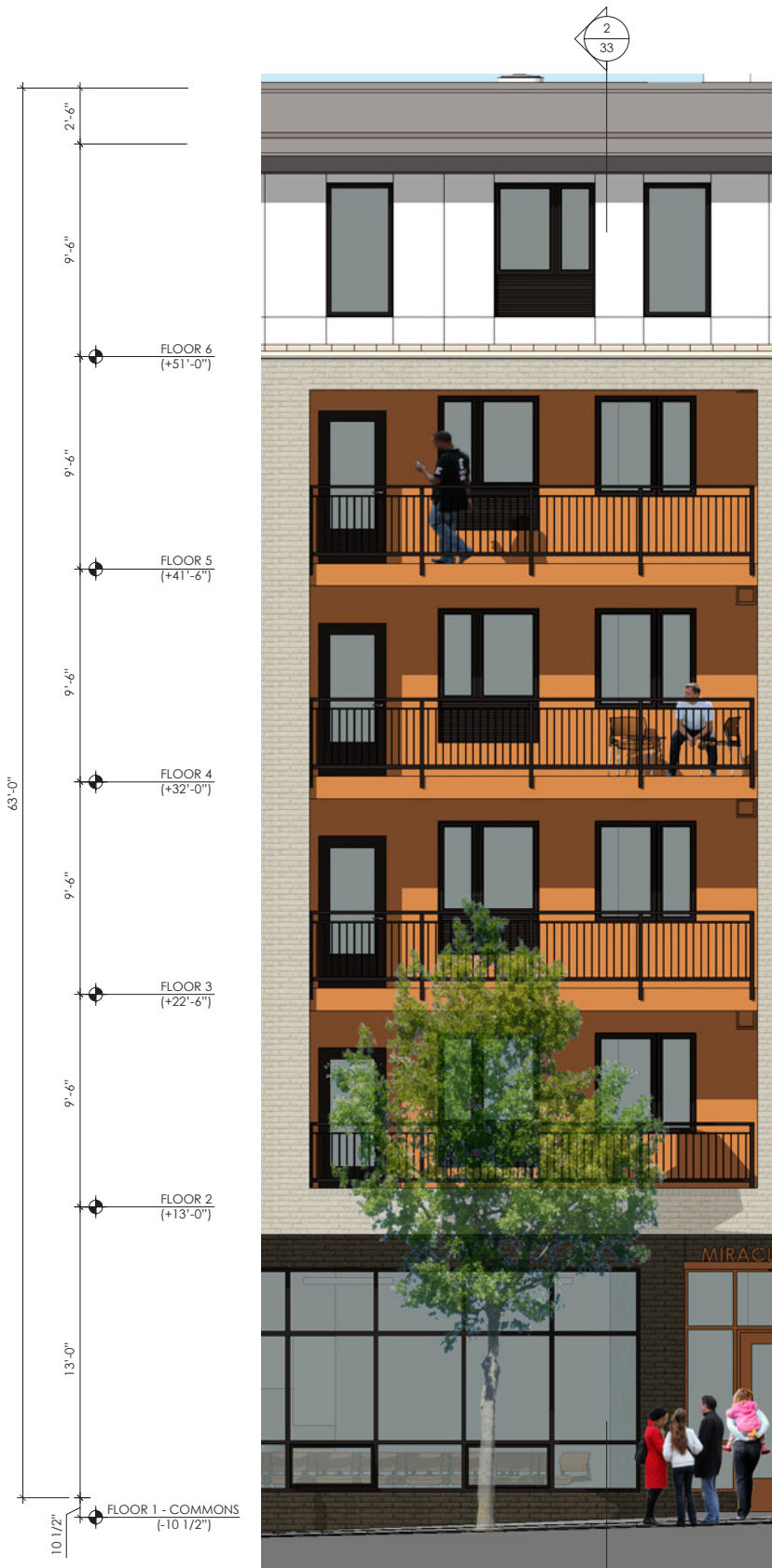




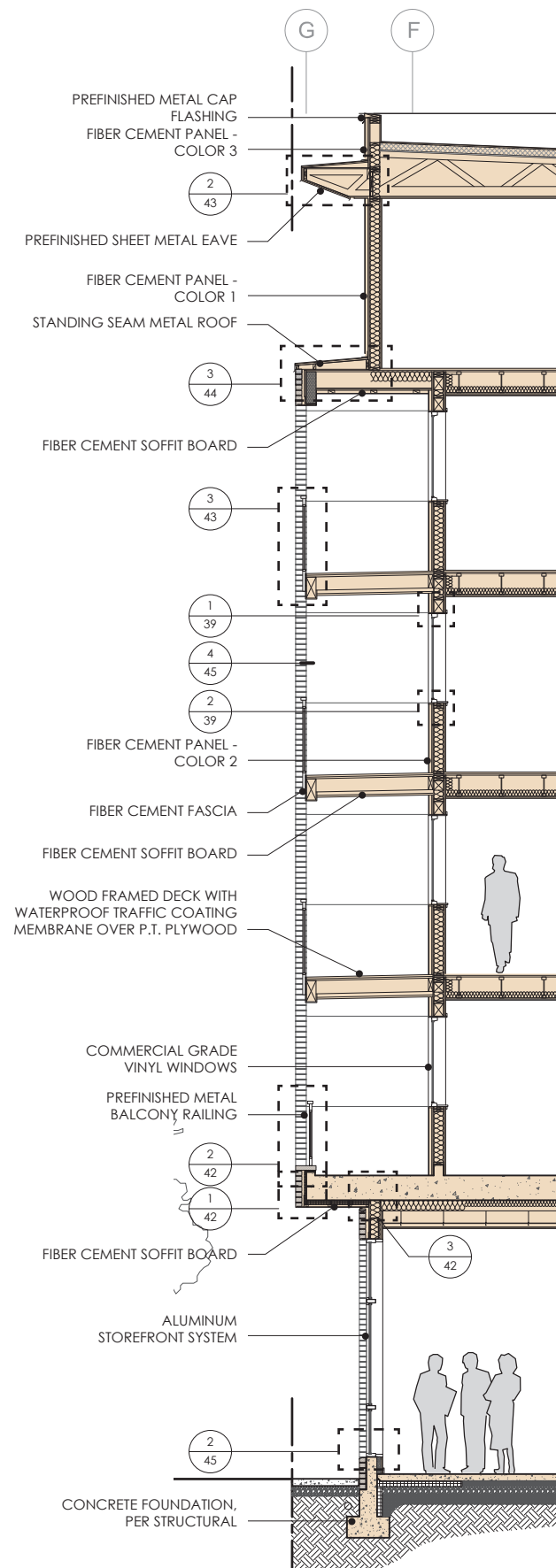
**BUILDING SECTION - EAST/WEST**







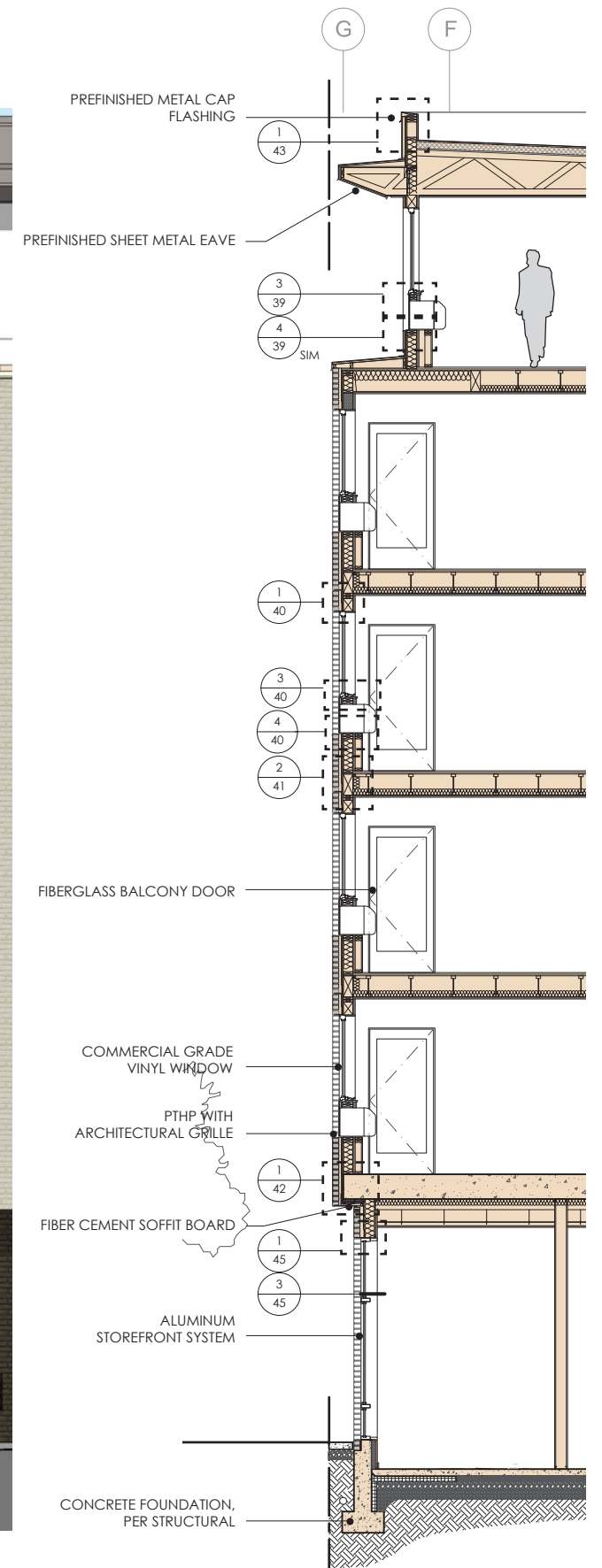
**1. ENLARGED SOUTH ELEVATION**



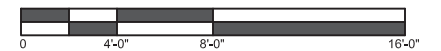
**2. WALL SECTION**



**3. ENLARGED SOUTH ELEVATION**



**4. WALL SECTION**

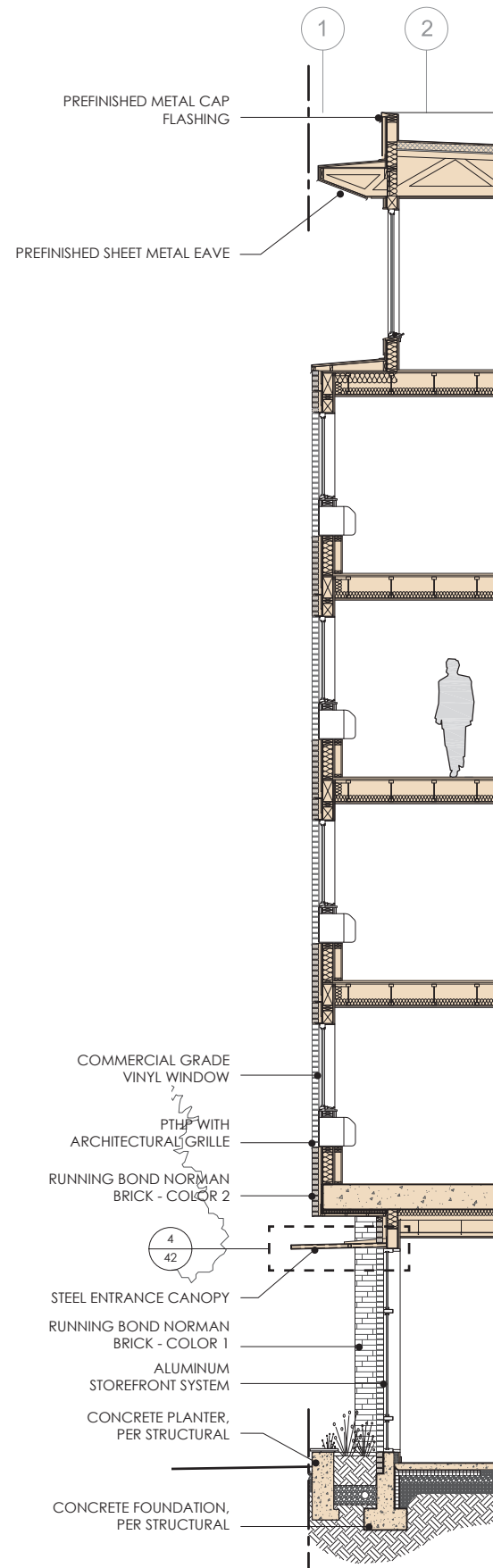


**WALL SECTIONS**

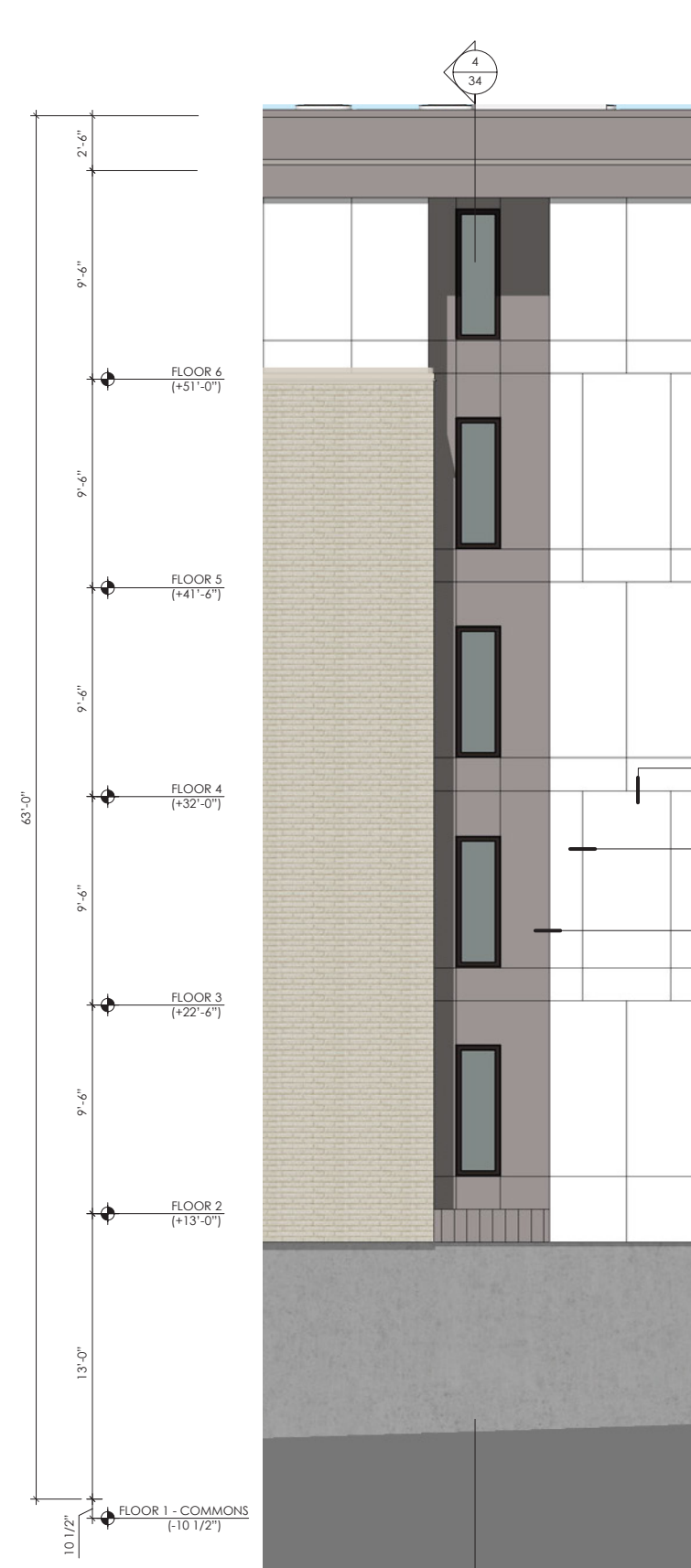




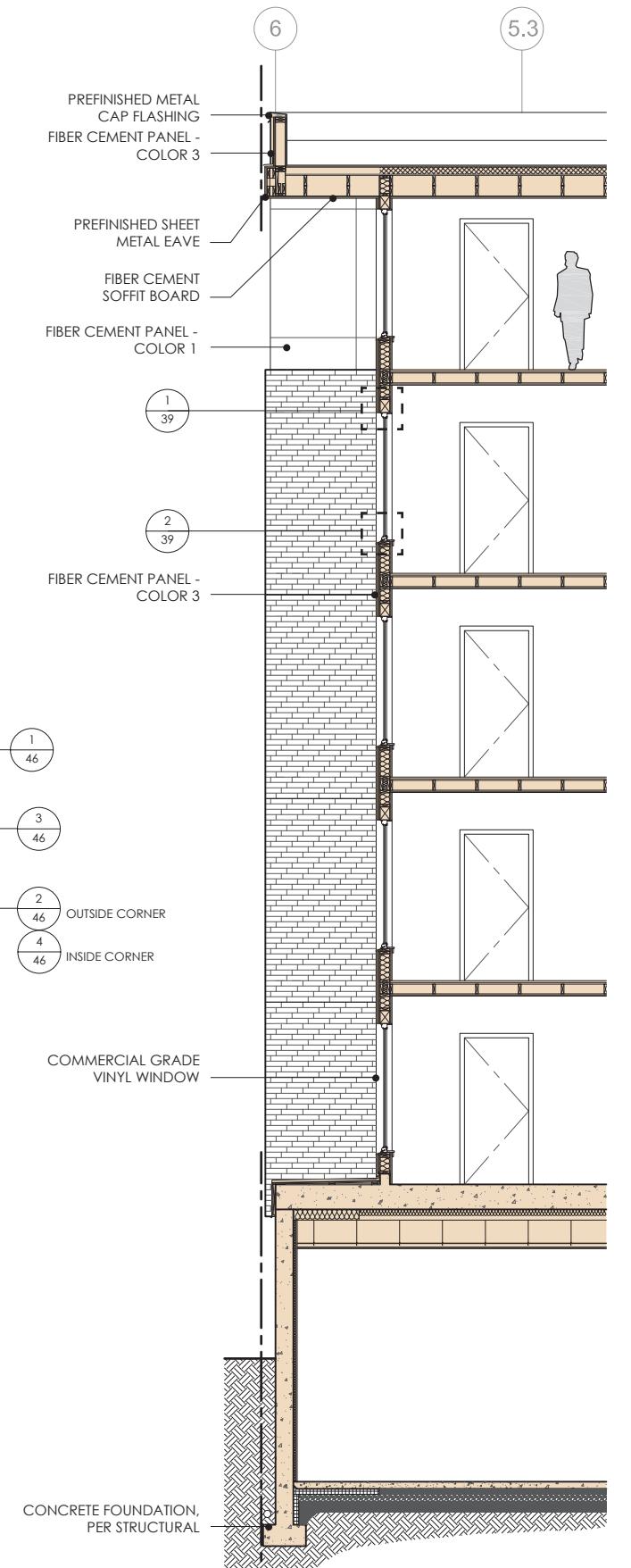
**1. ENLARGED WEST ELEVATION**



**2. WALL SECTION**



**3. ENLARGED EAST ELEVATION**



**4. WALL SECTION**

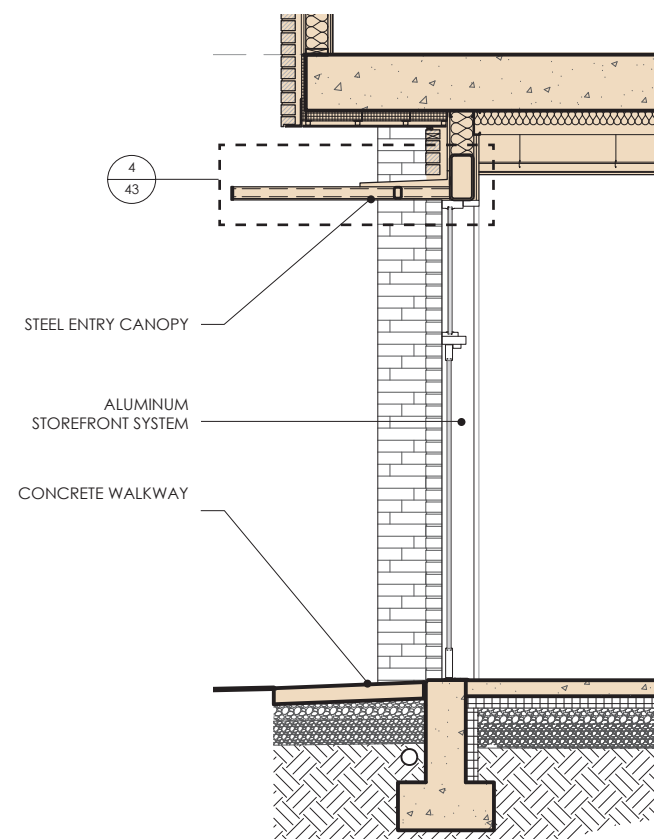
**WALL SECTIONS**



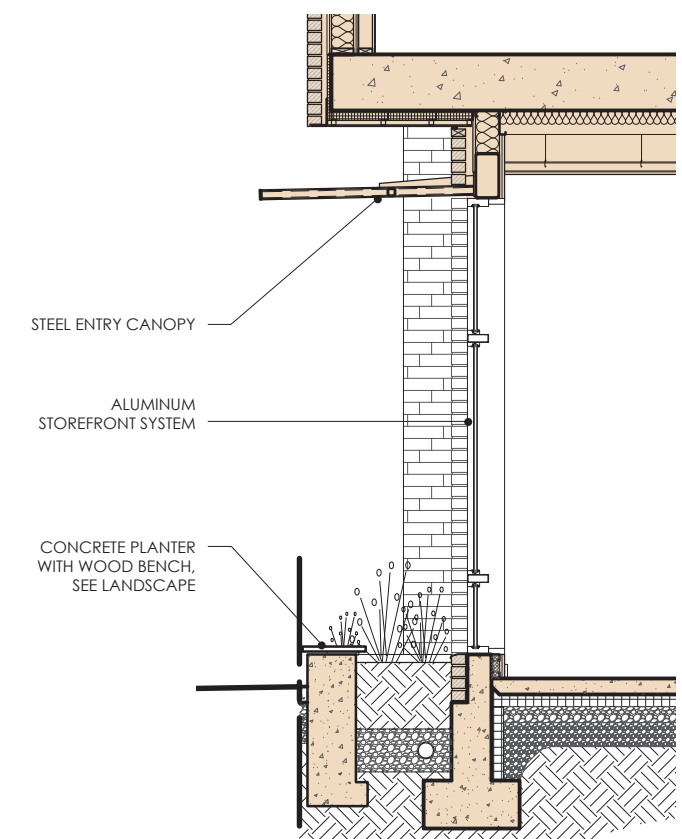




1. ENLARGED WEST ENTRY & PLANTER ELEVATION



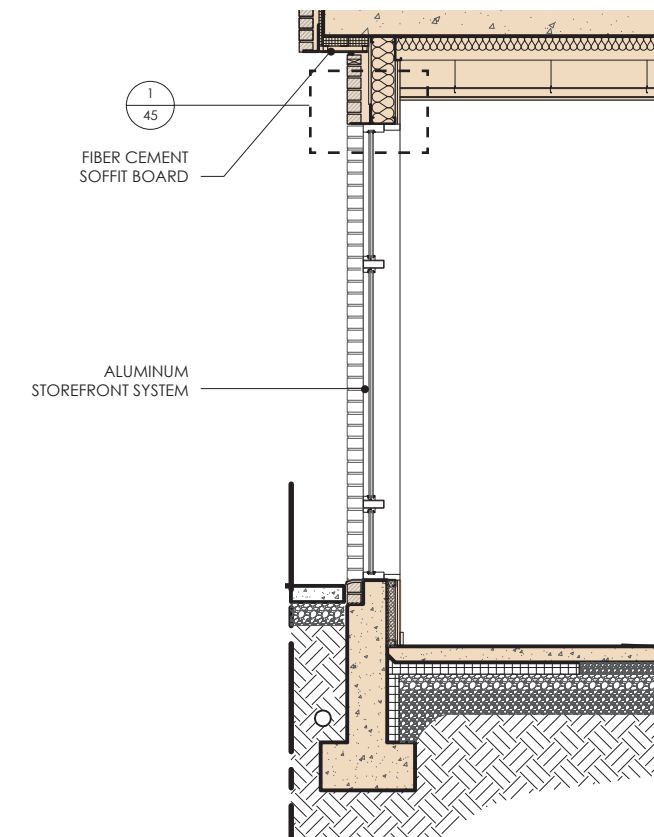
2. WEST ENTRY SECTION



3. WEST PLANTER SECTION



4. ENLARGED SOUTH ELEVATION



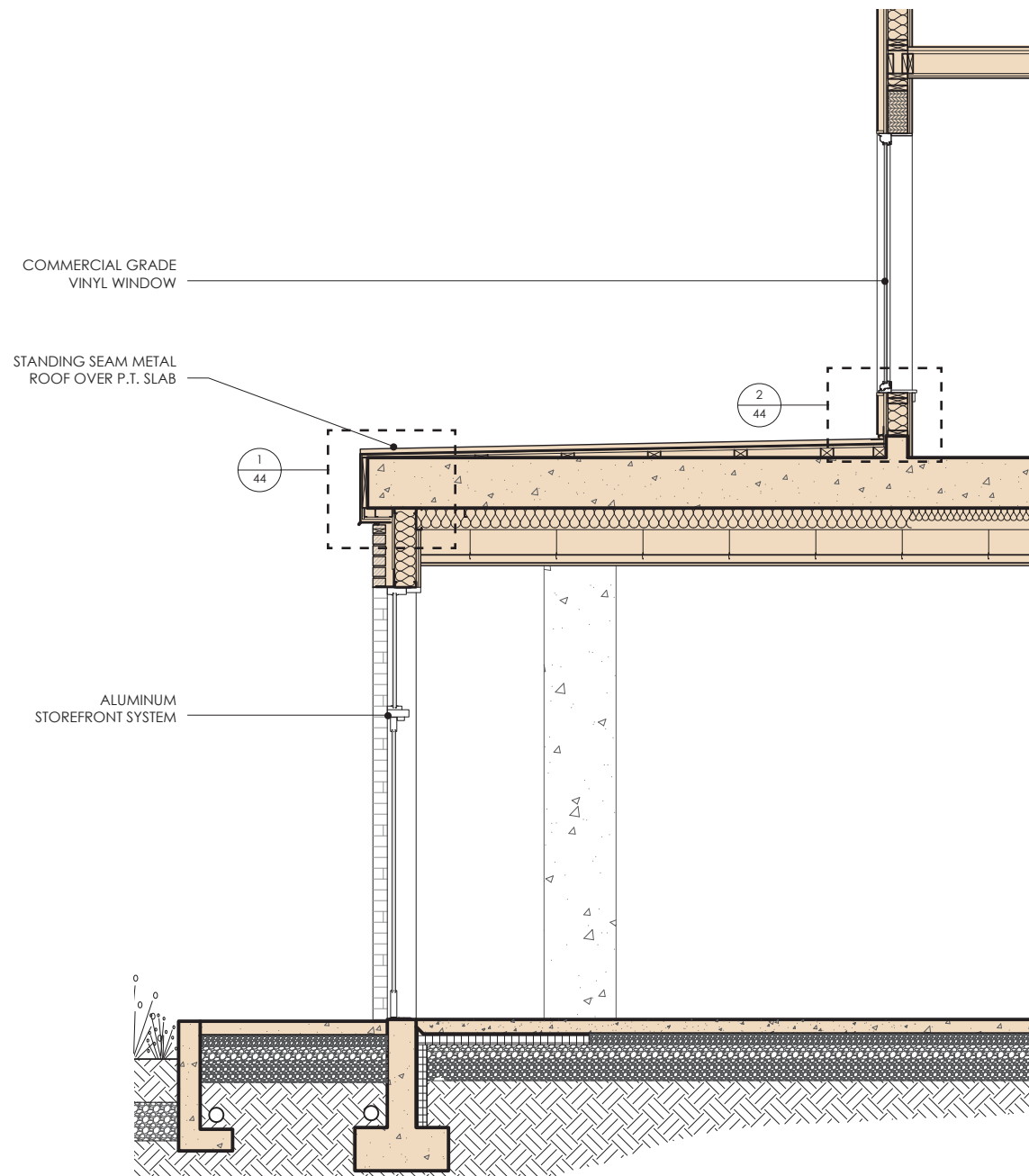
5. SOUTH SECTION

ENLARGED ELEVATIONS & SECTIONS





**1. ENLARGED EAST COURTYARD DOOR ELEVATION**



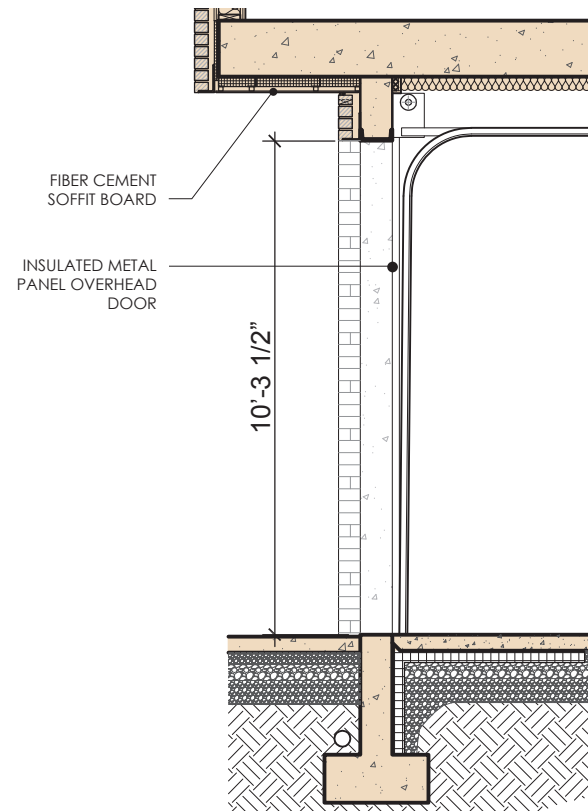
**2. COURTYARD / LOBBY DOOR SECTION**

**ENLARGED ELEVATION & SECTION**





1. ENLARGED WEST ELEVATION @ OVERHEAD DOOR & BIKE PARKING



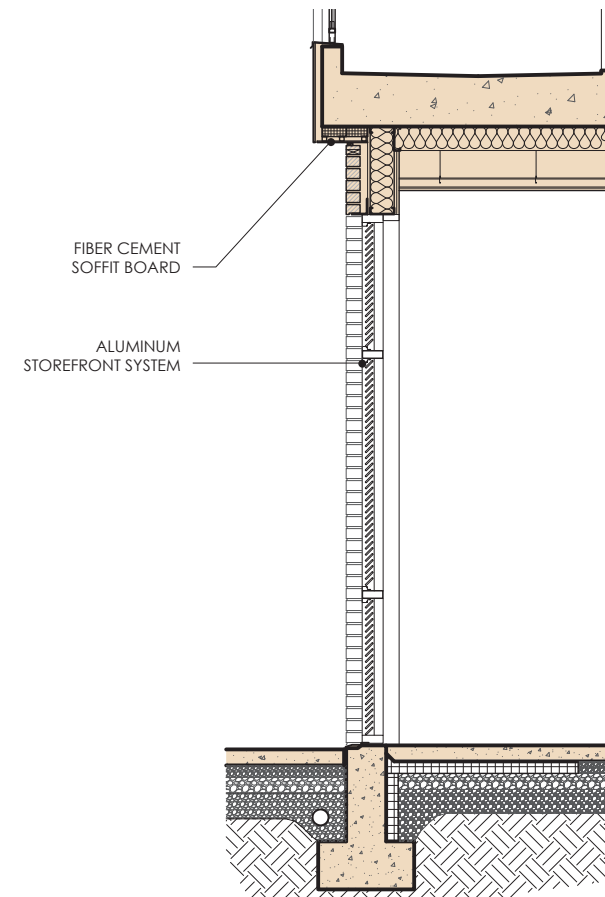
2. LOADING AREA WALL SECTION



3. ENLARGED SOUTH ELEVATION @ FIRE RISER AND STAIR 2



4. ENLARGED NORTH ELEVATION @ GENERATOR ROOM



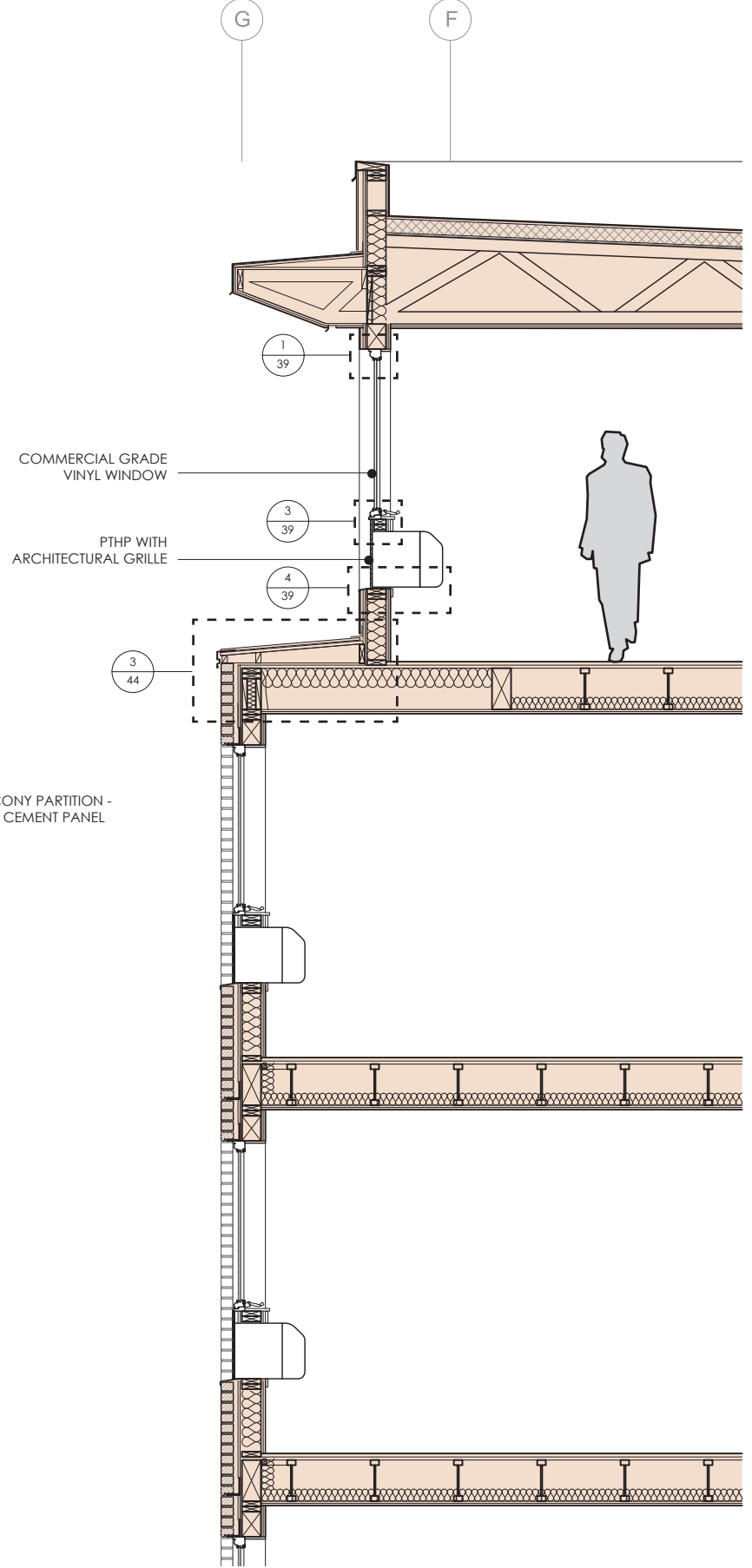
5. GENERATOR ROOM WALL SECTION

ENLARGED ELEVATIONS & SECTION



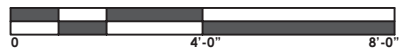


1. ENLARGED SOUTH ELEVATION

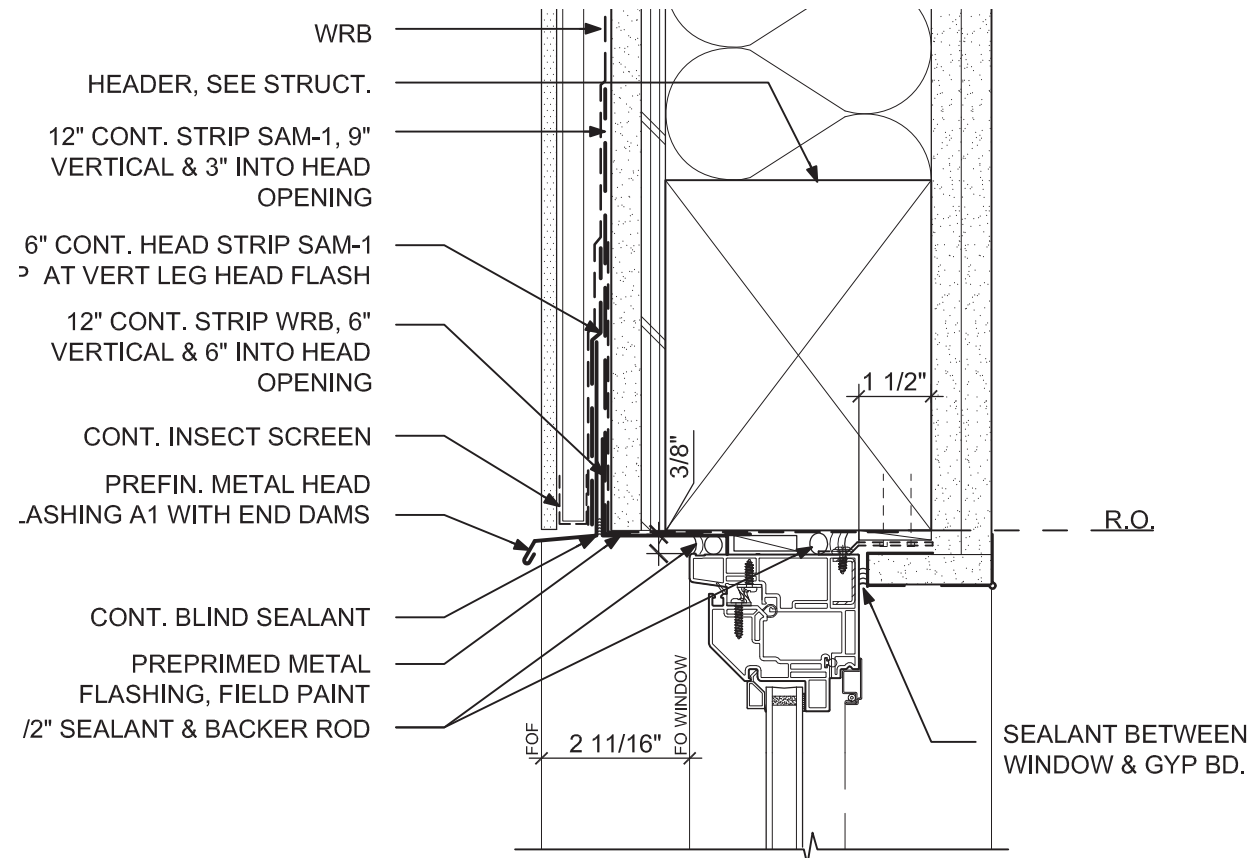


2. WALL SECTION

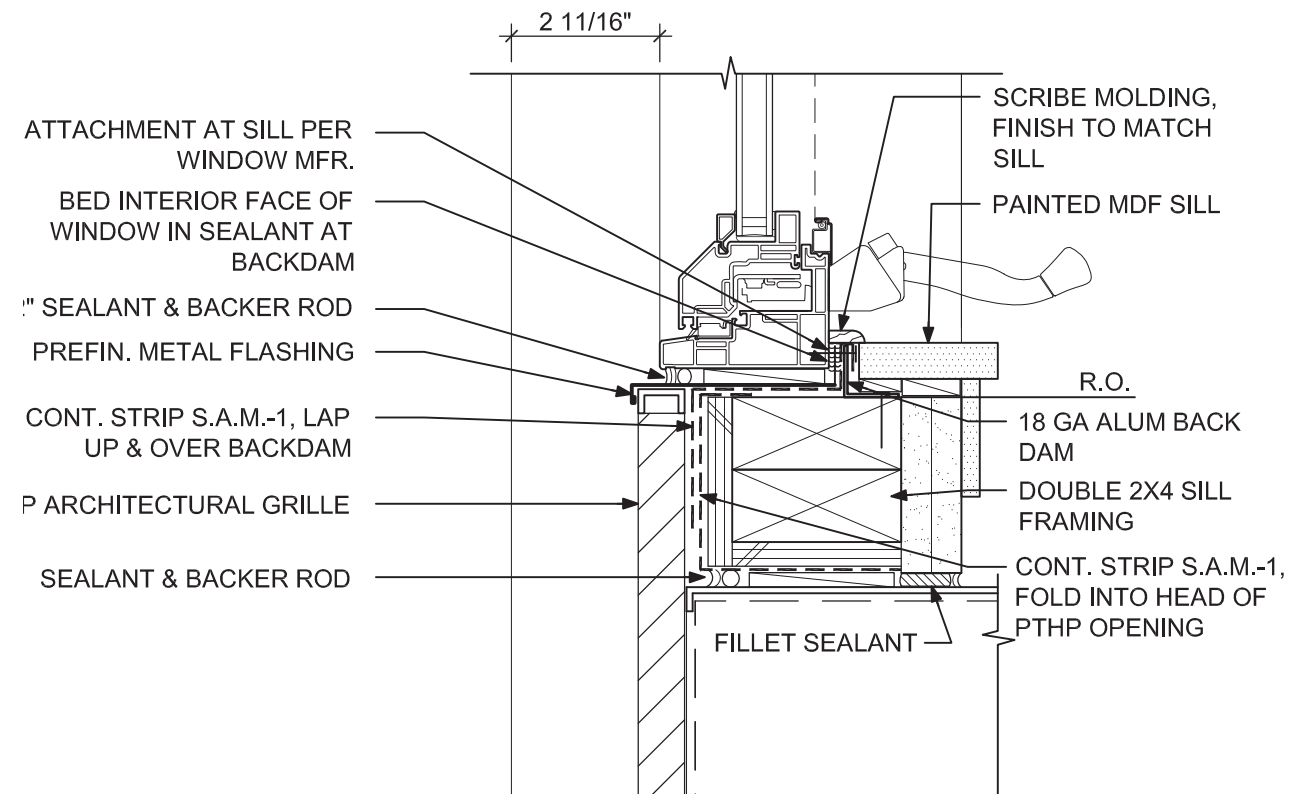
ENLARGED ELEVATION & WALL SECTION



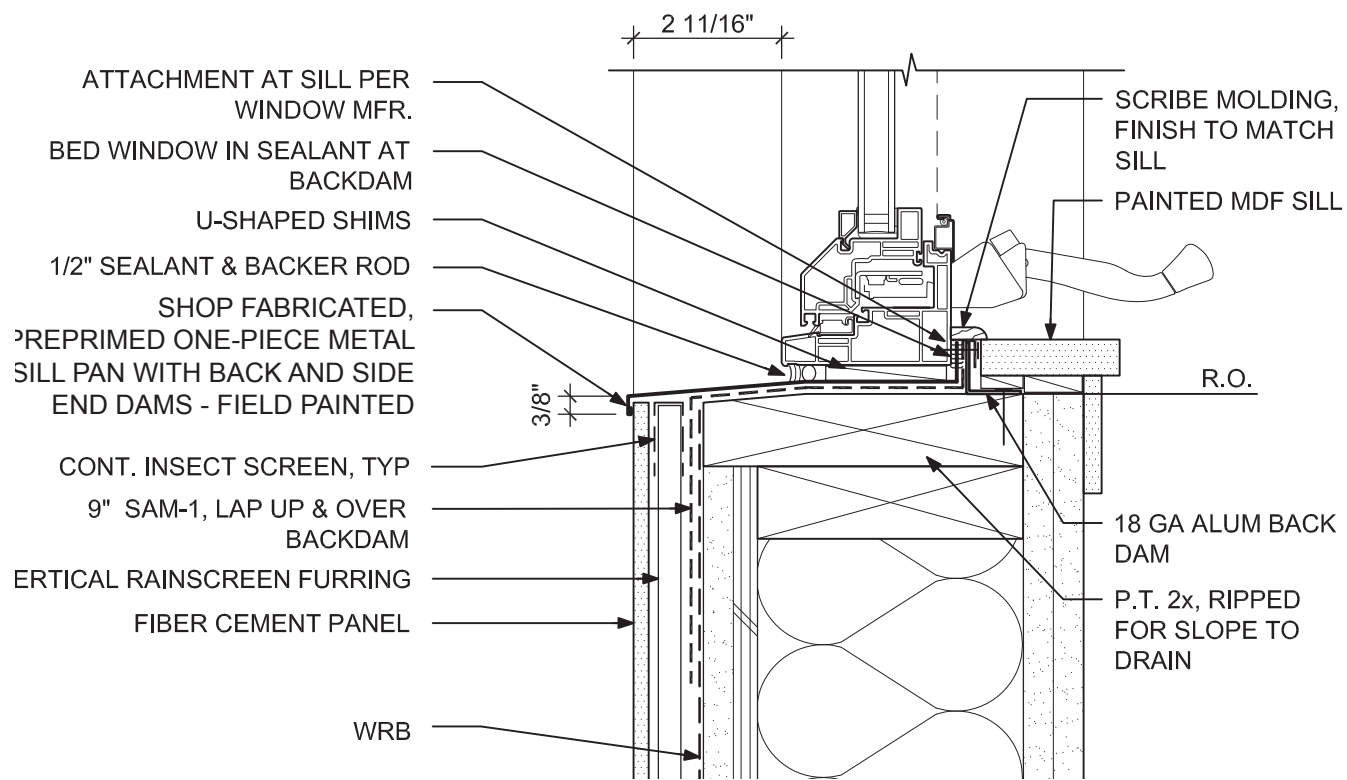




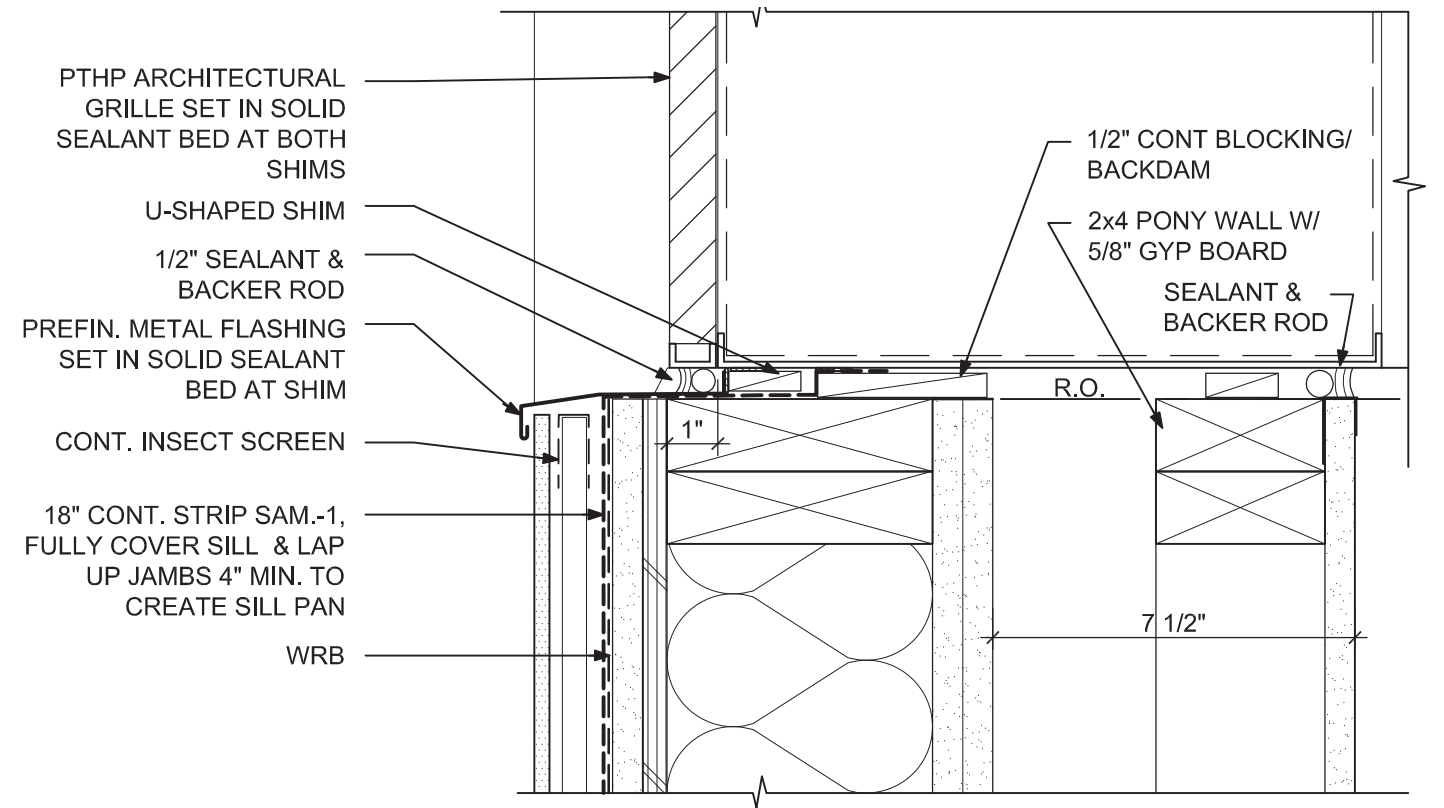
**1. WINDOW HEAD @ FIBER CEMENT PANEL**



**3. WINDOW SILL @ PTHP UNIT**



**2. WINDOW SILL @ FIBER CEMENT PANEL**

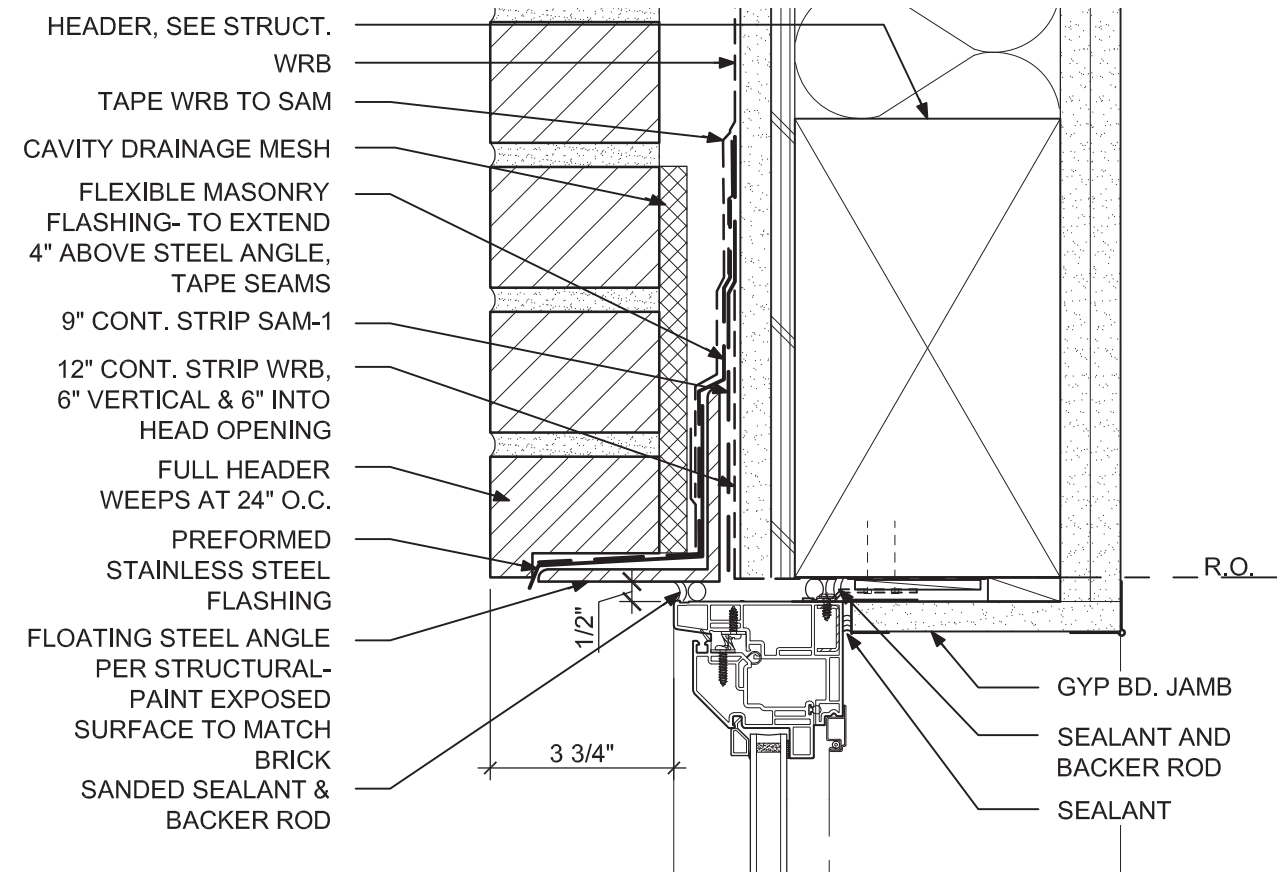


**4. PTHP SILL @ FIBER CEMENT**

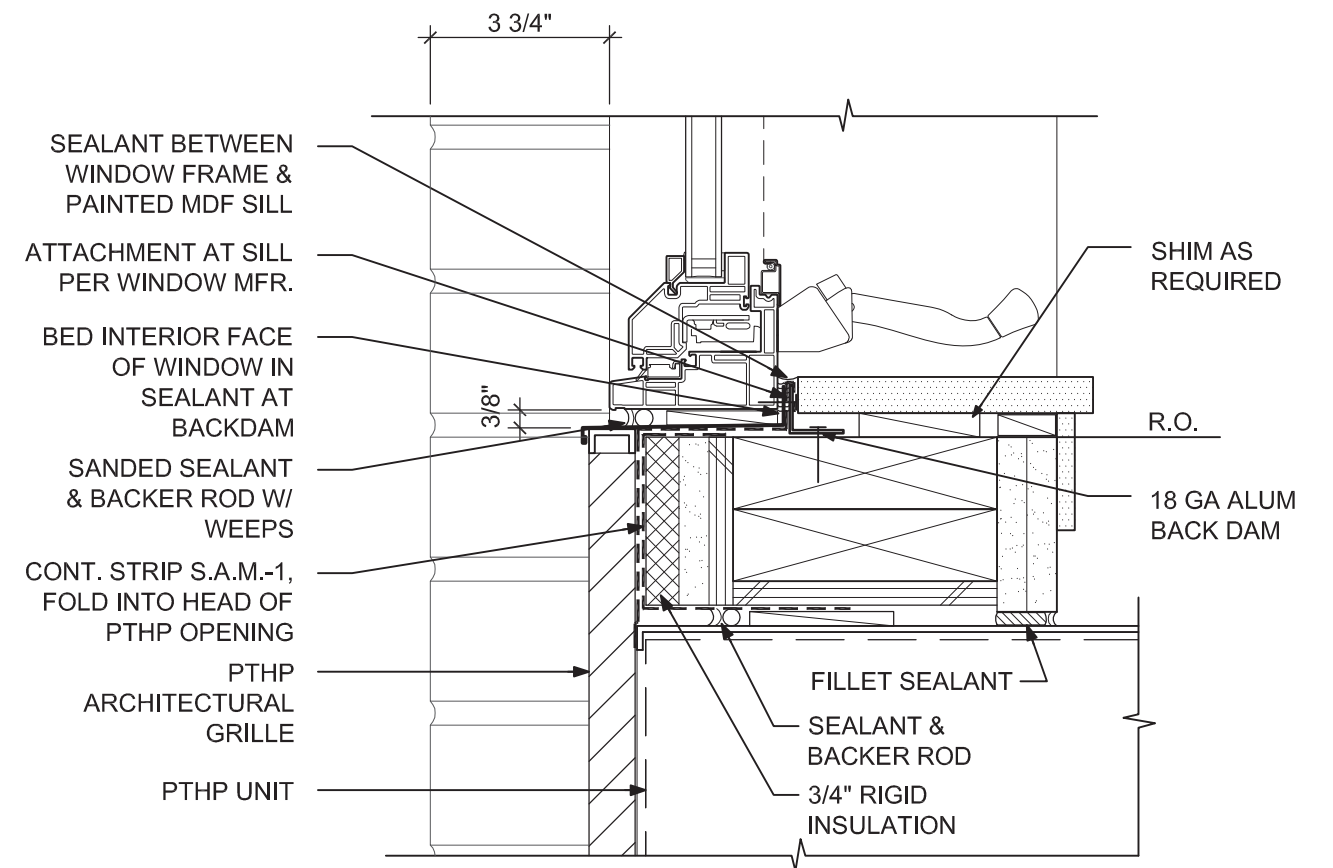


**DETAILS - WINDOWS**

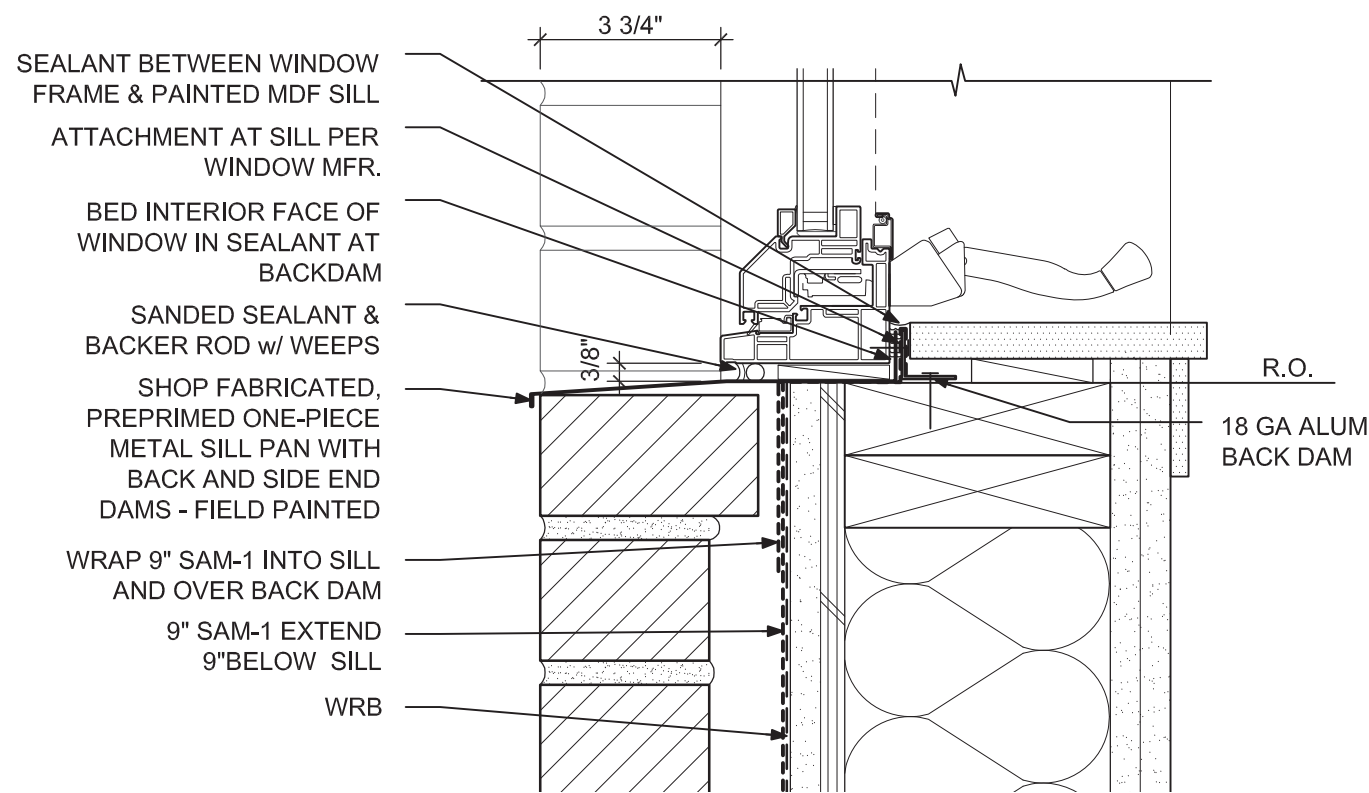




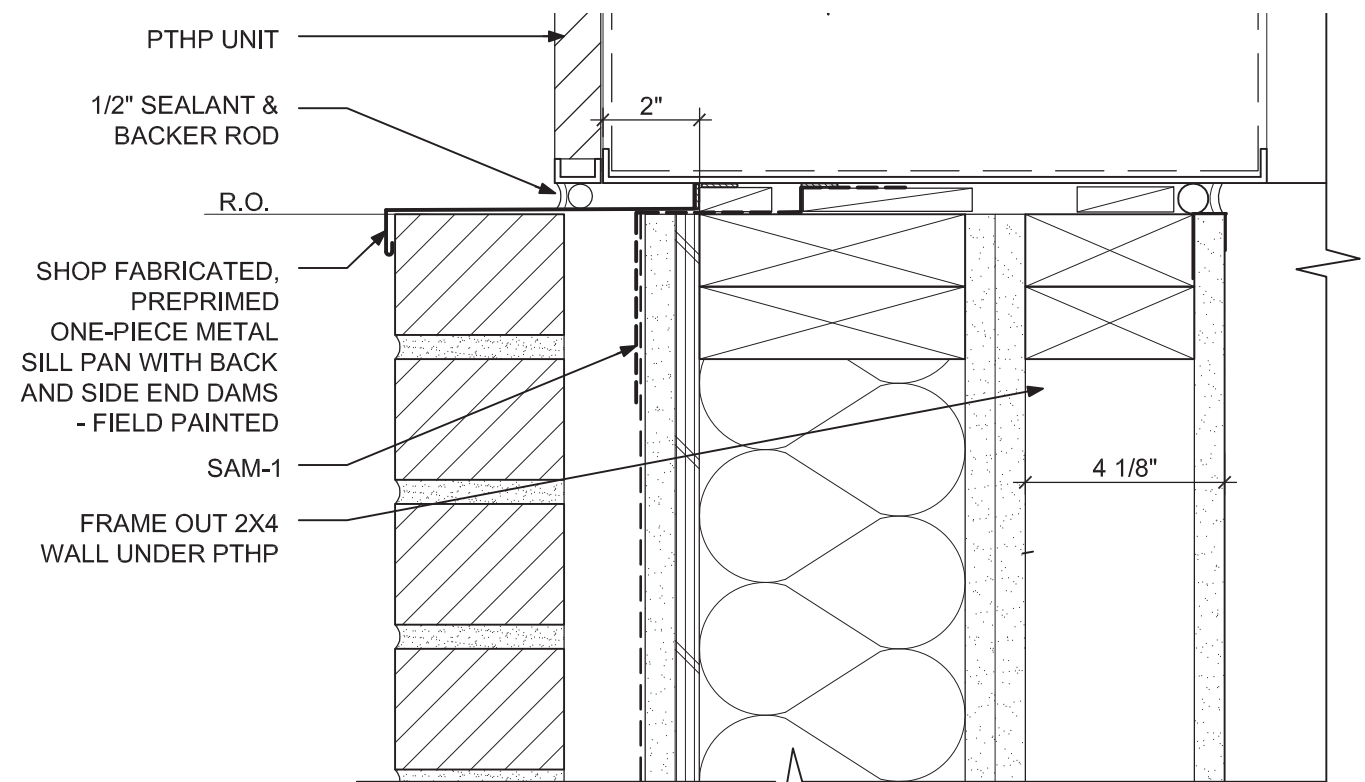
**1. WINDOW HEAD @ BRICK**



**3. WINDOW SILL @ PTHP**



**2. WINDOW SILL @ BRICK**

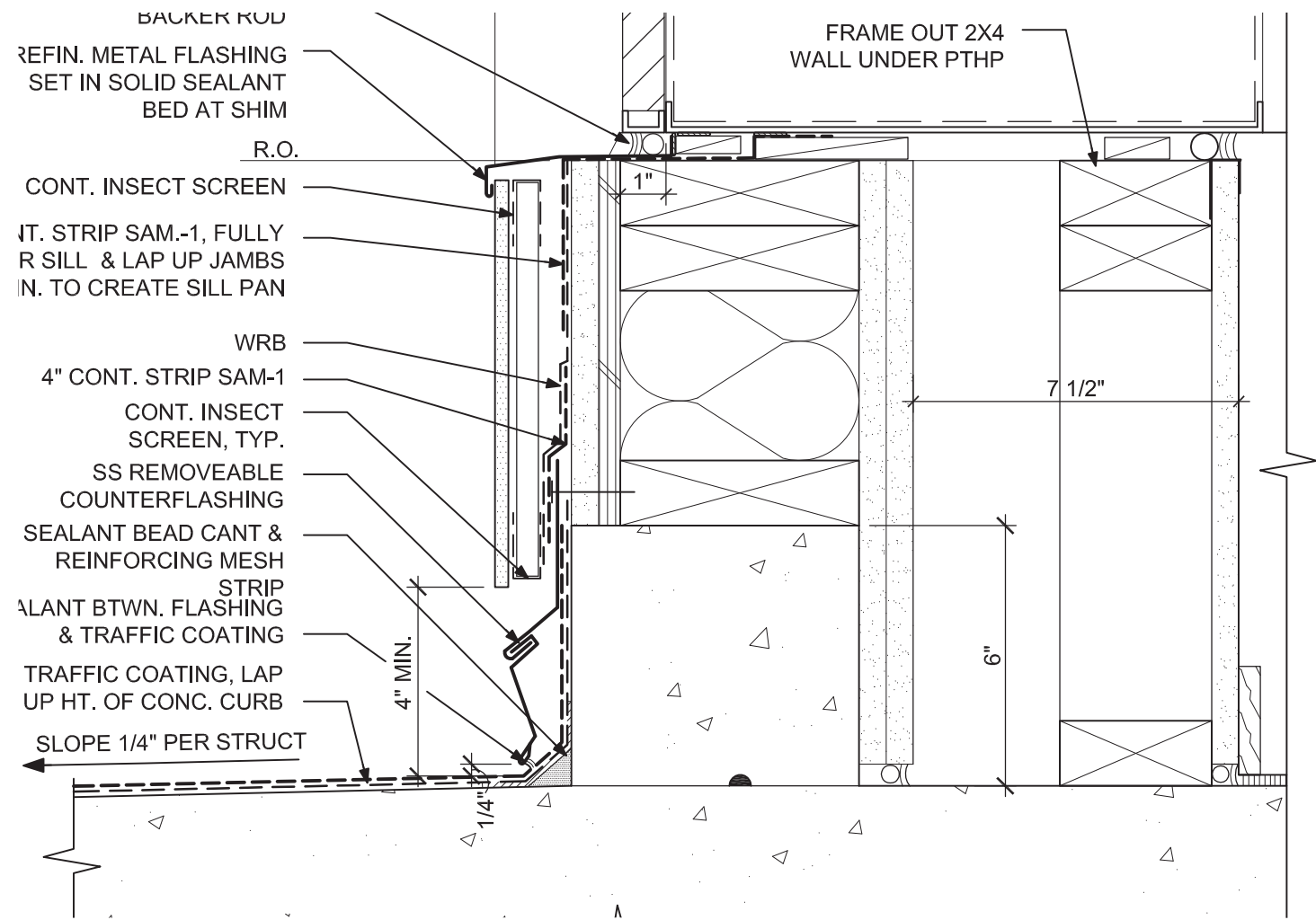


**4. PTHP SILL @ BRICK**

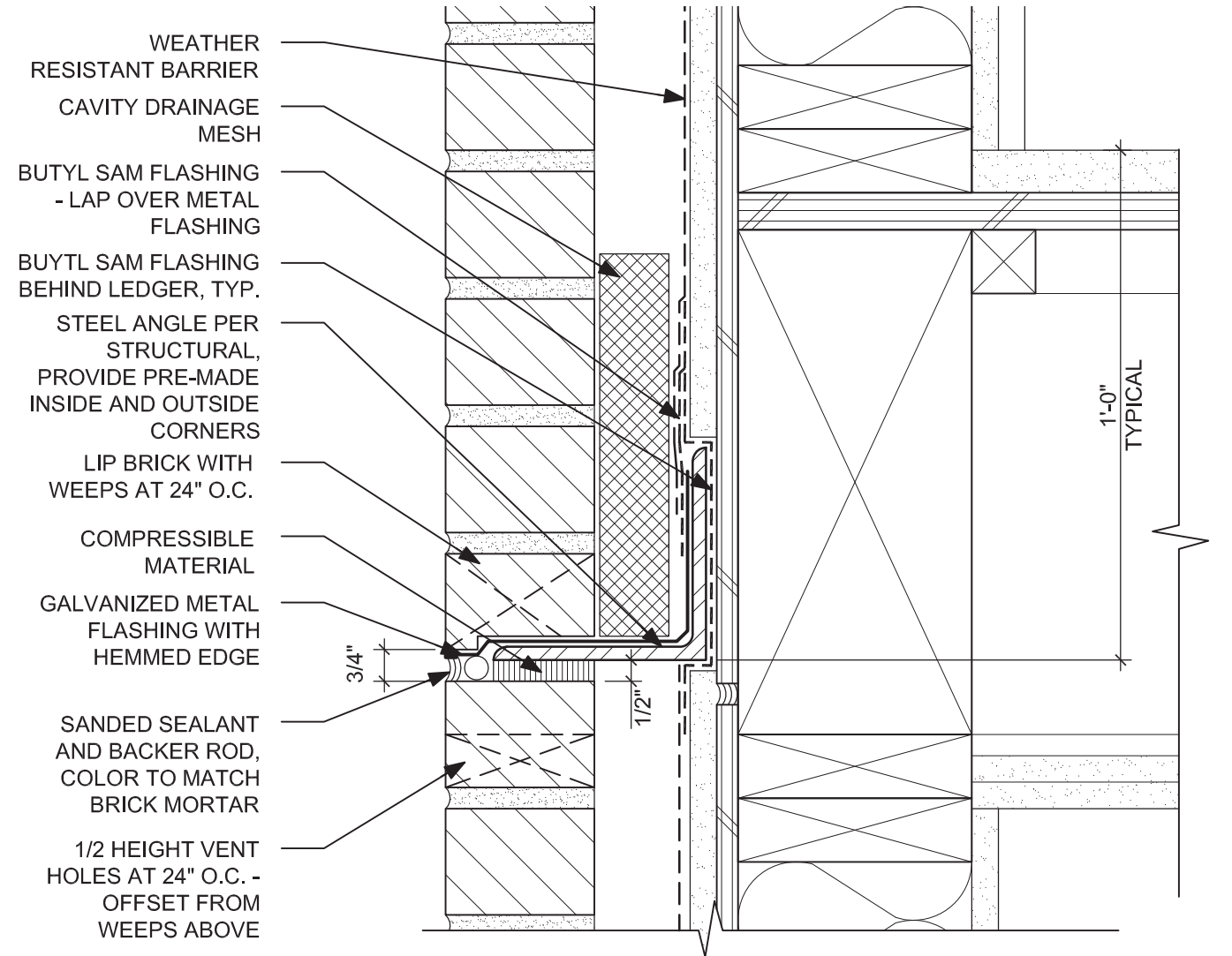


**DETAILS - WINDOWS**





**1. PTHP SILL @ CONCRETE CURB**

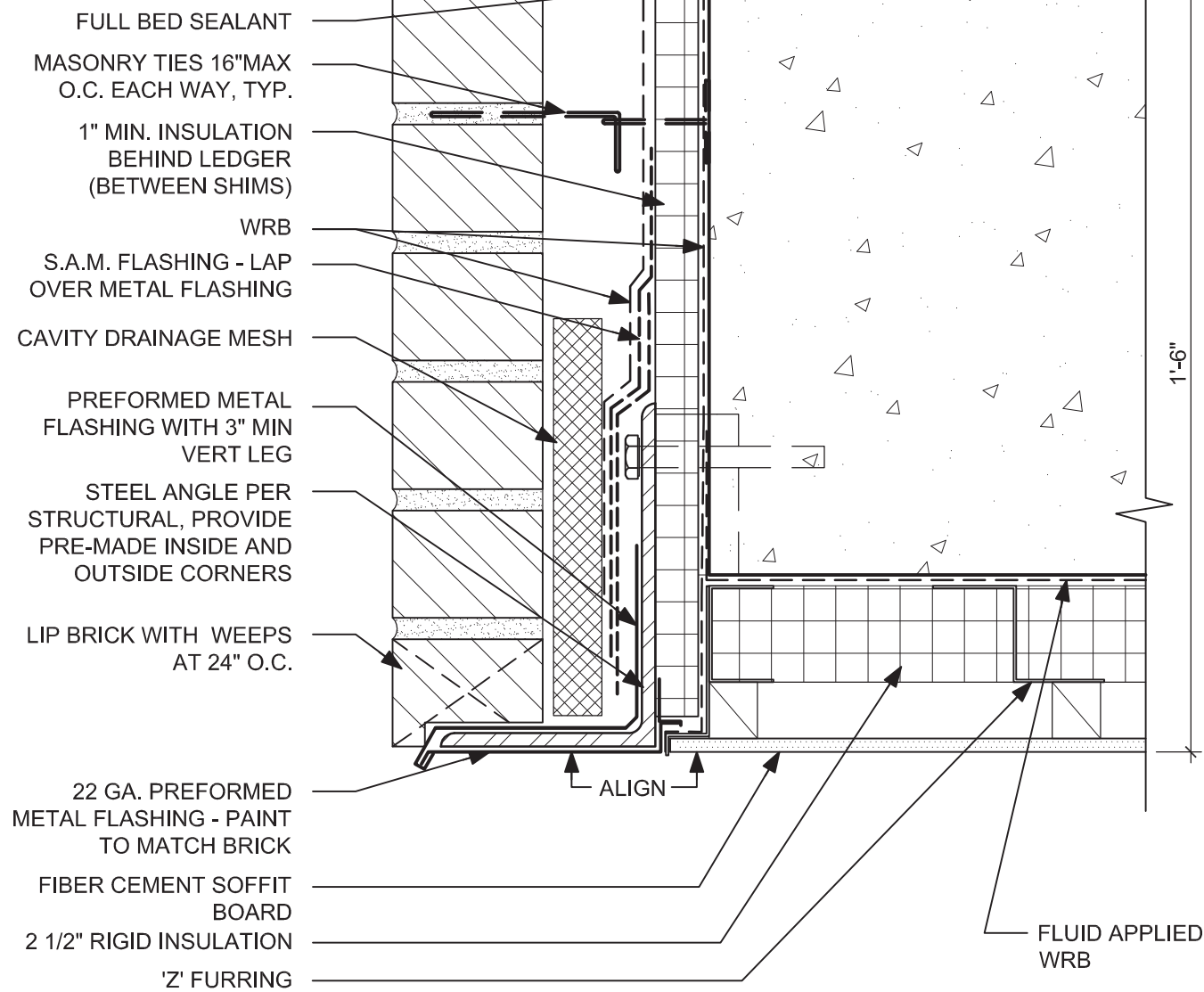


**2. BRICK LEDGER @ FLOOR LINE**

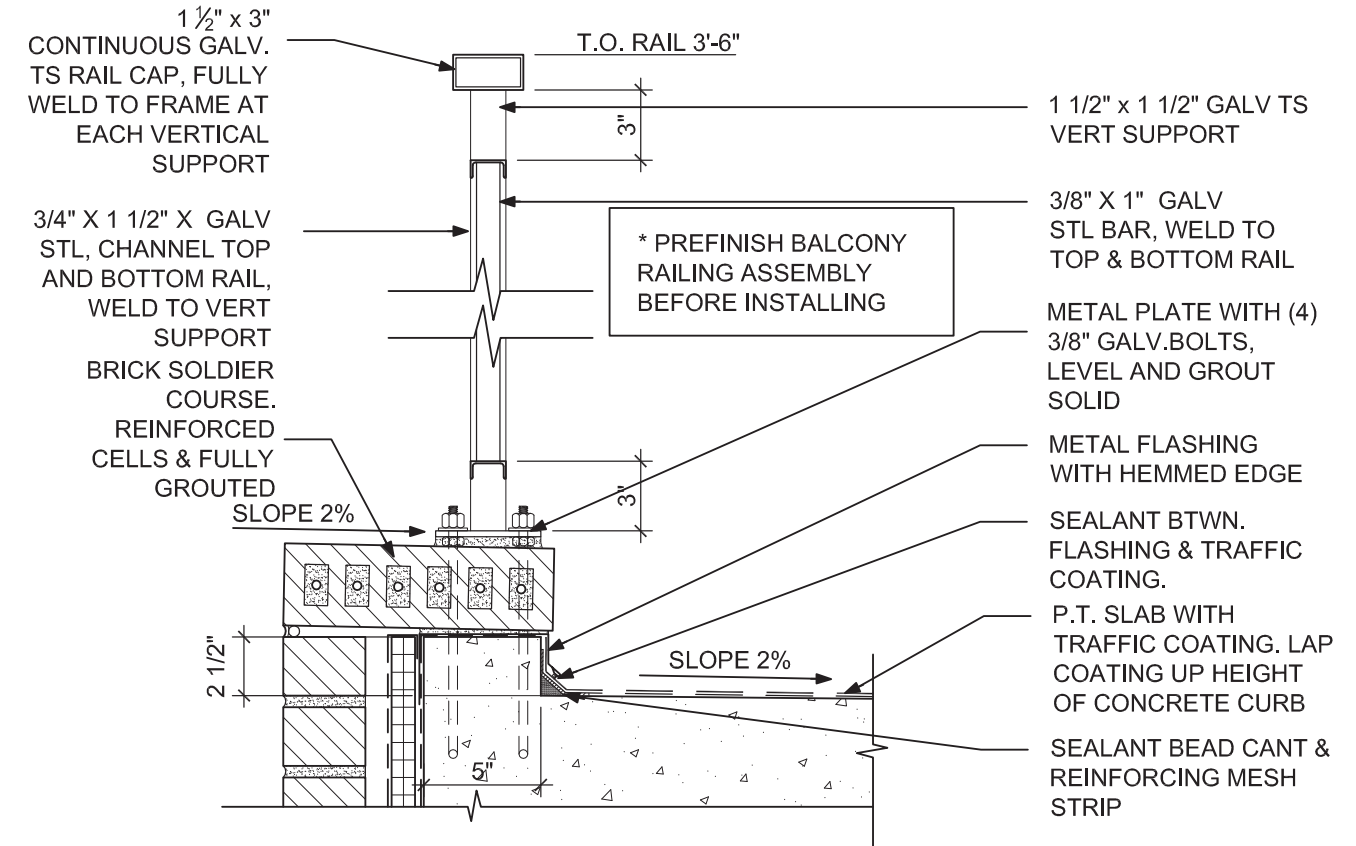


**DETAILS - EXTERIOR**

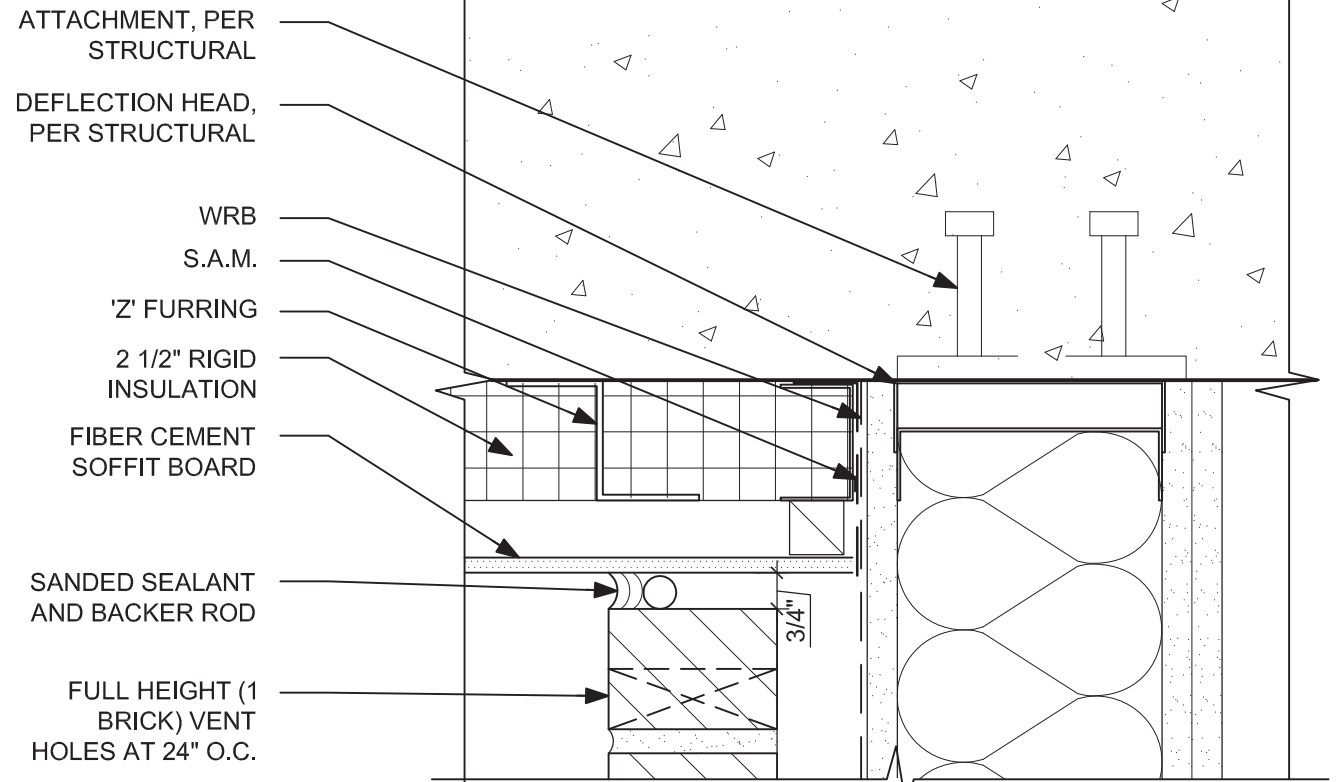




**1. BRICK LEDGER @ FIRST FLOOR SOFFIT**

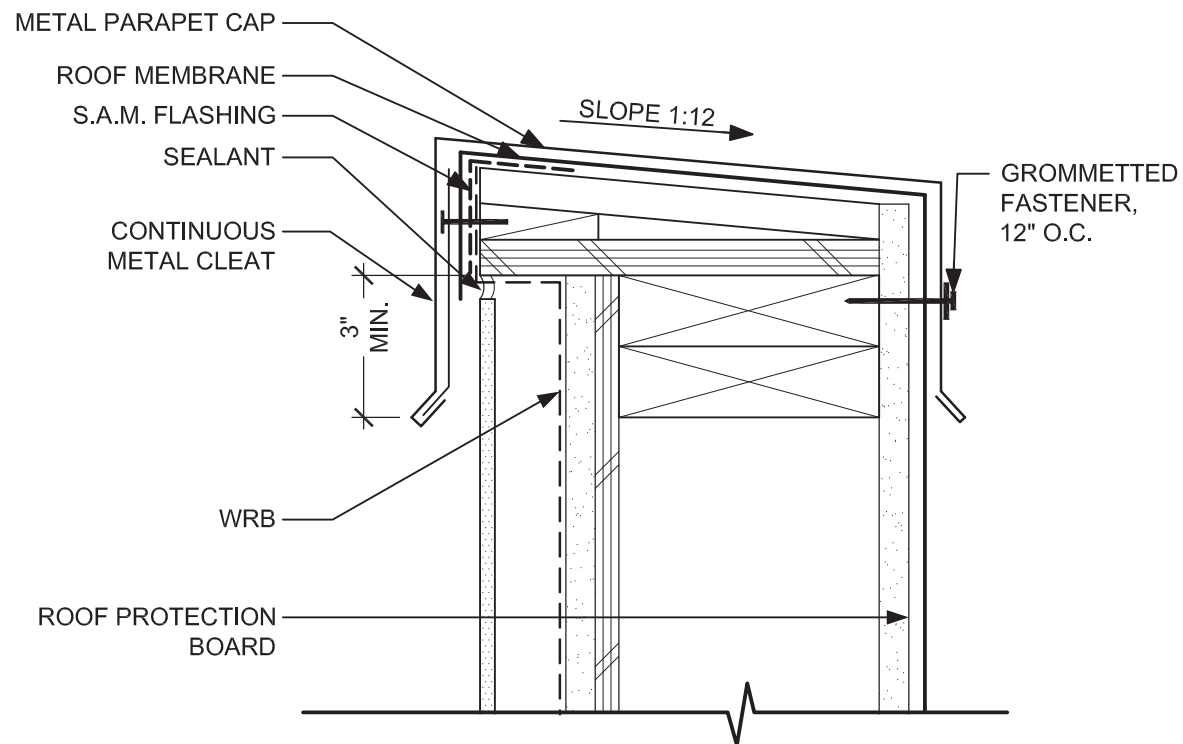


**2. RAILING @ P.T. SLAB BALCONY**

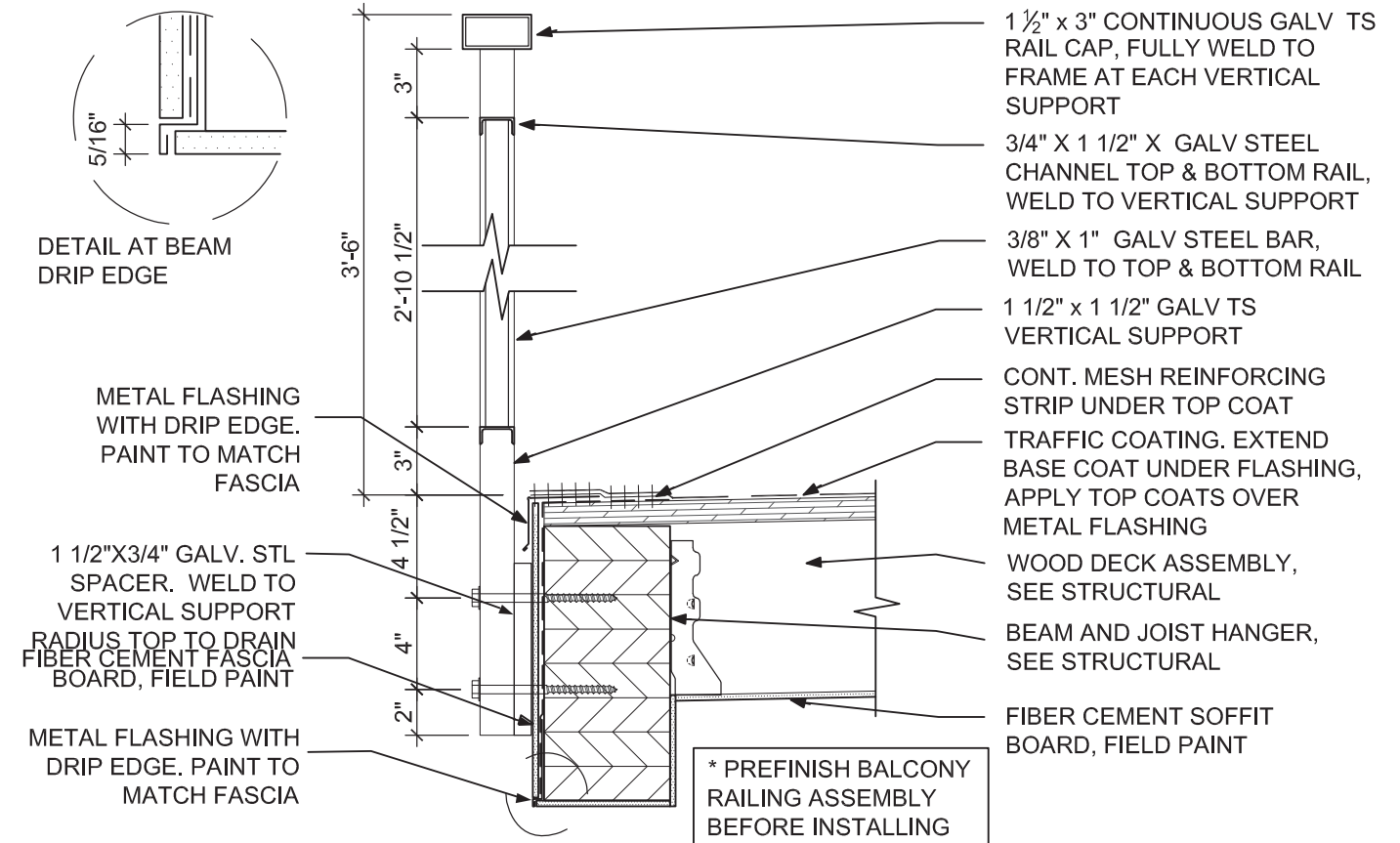


**3. SOFFIT @ FIRST FLOOR BRICK**

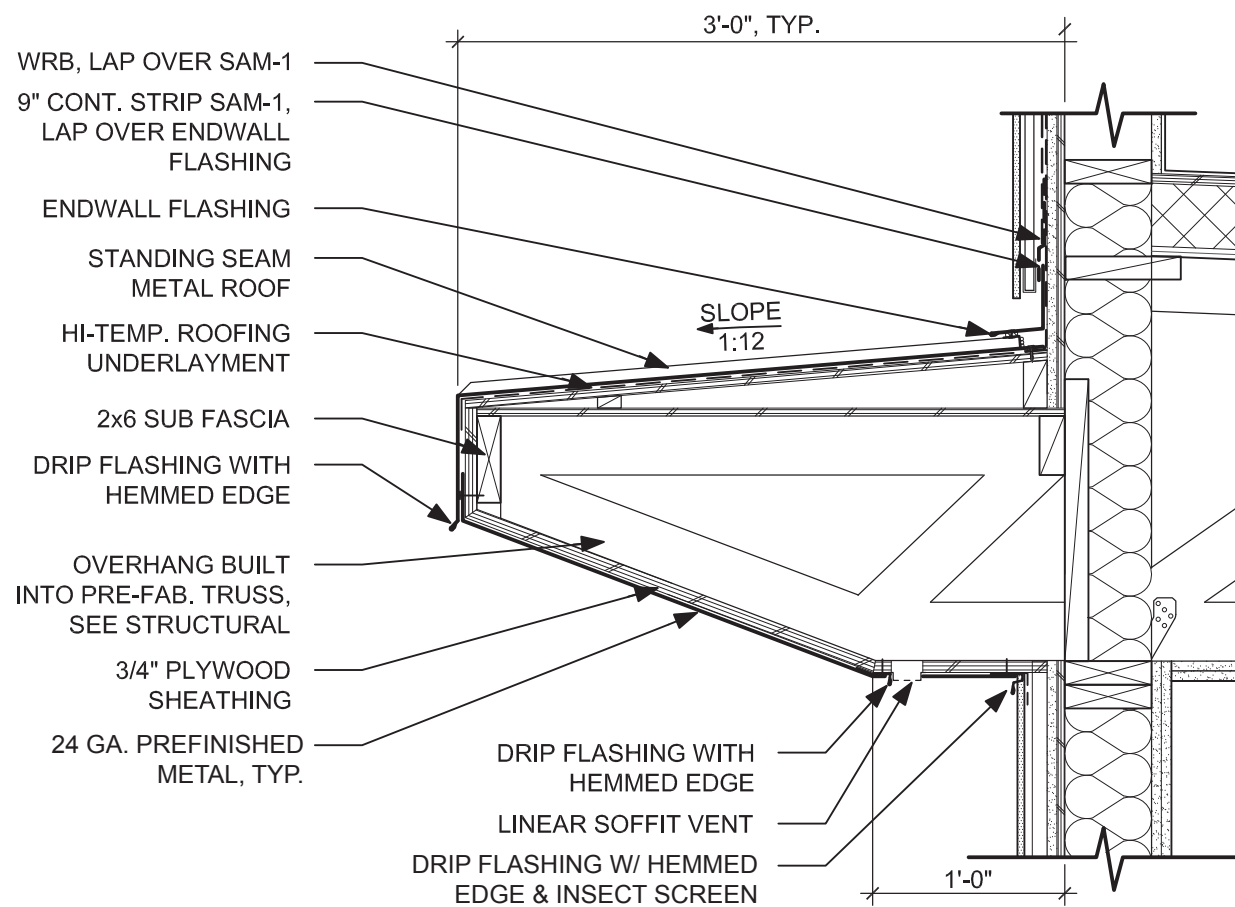
**DETAILS - EXTERIOR**



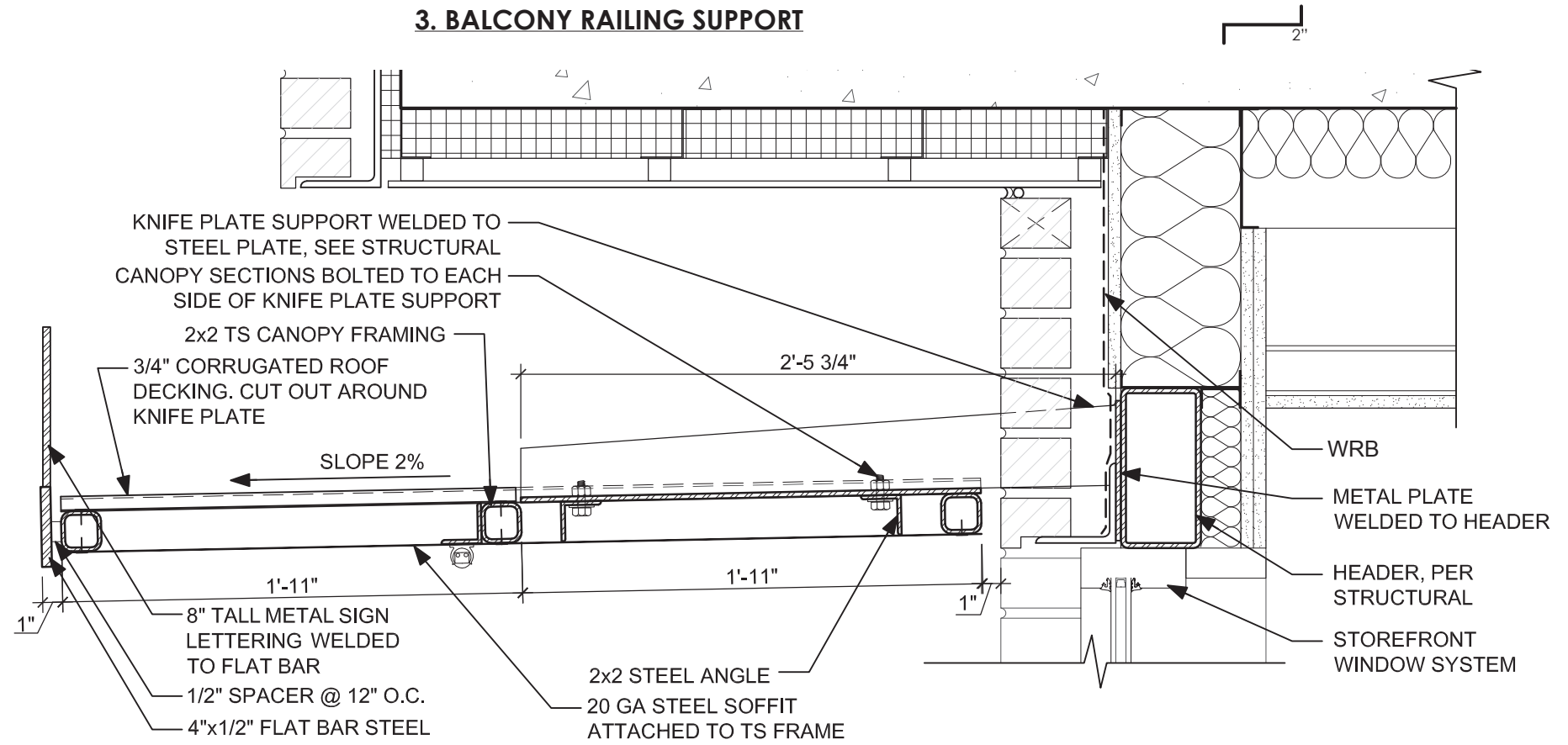
**1. ROOF PARAPET SECTION**



**3. BALCONY RAILING SUPPORT**



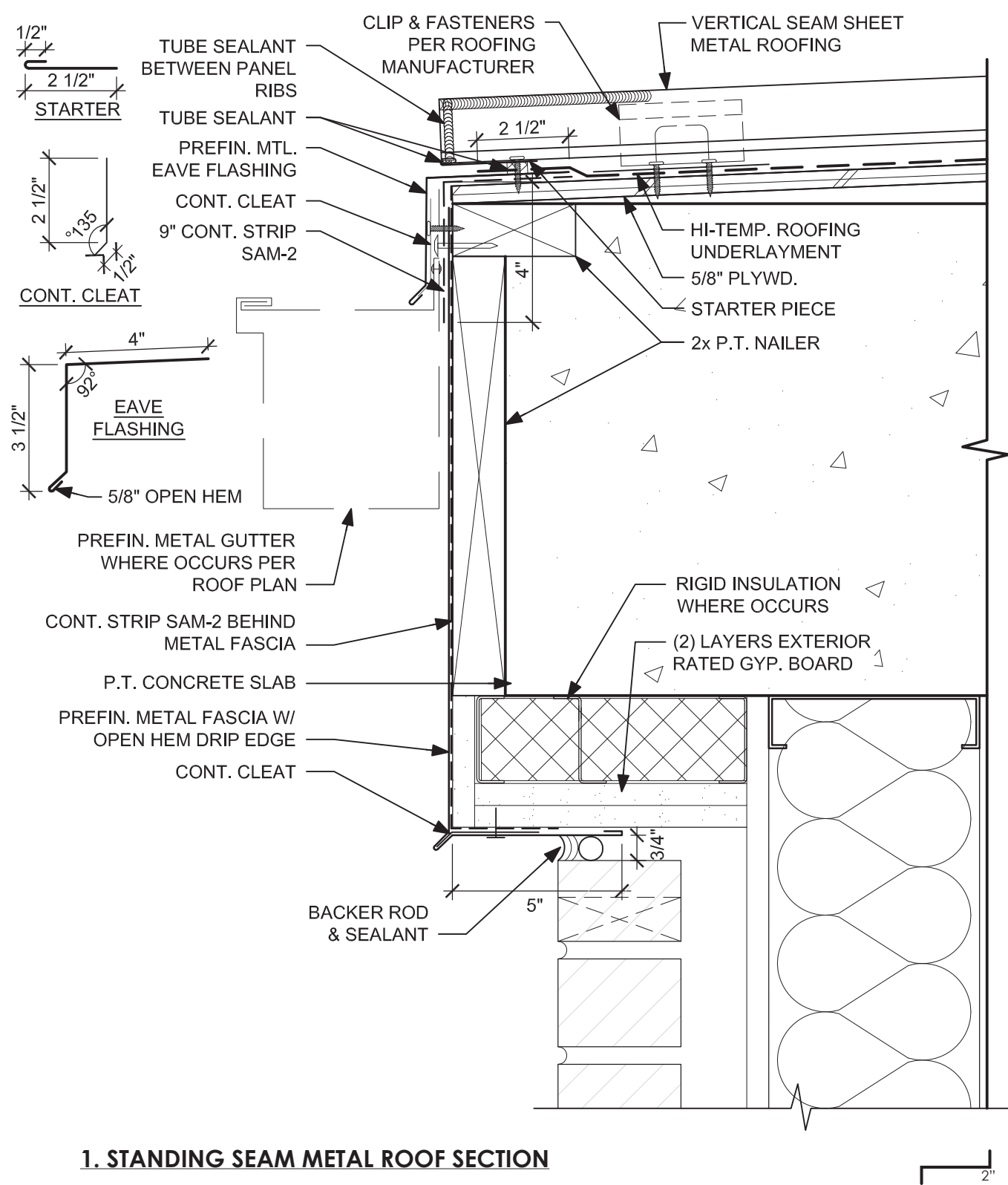
**2. METAL EAVE SECTION**



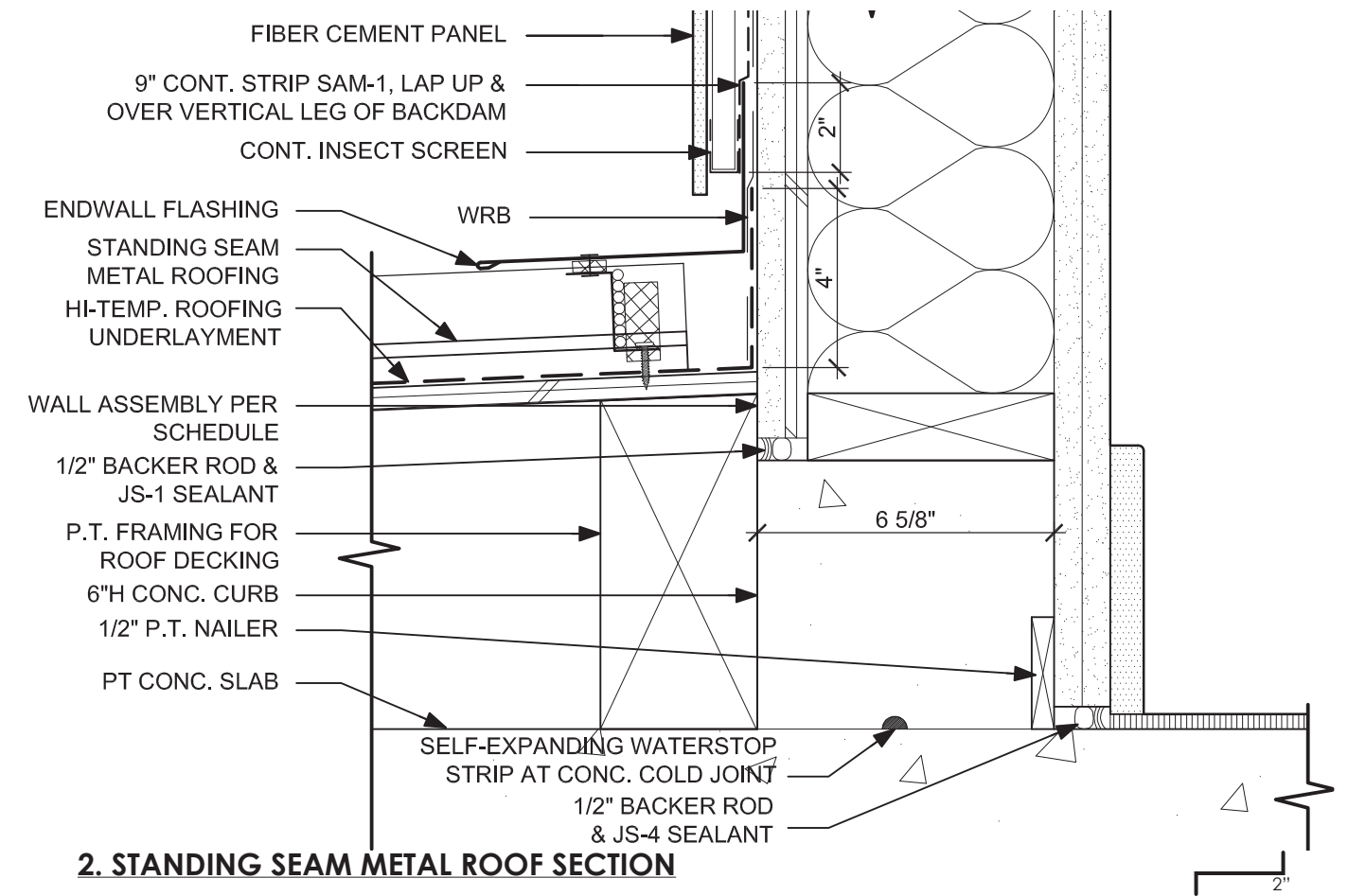
**4. ENTRY CANOPY SECTION**

**DETAILS - EXTERIOR**

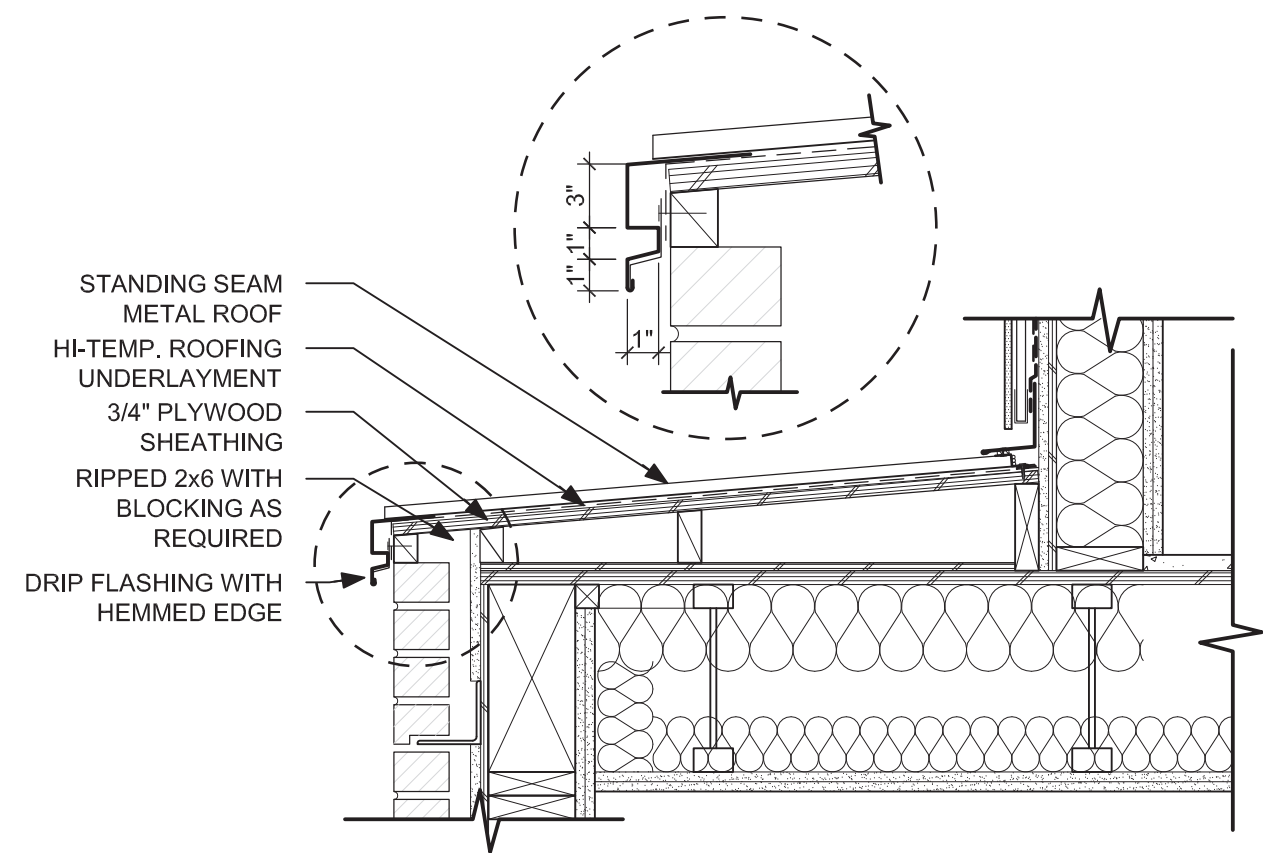




**1. STANDING SEAM METAL ROOF SECTION**

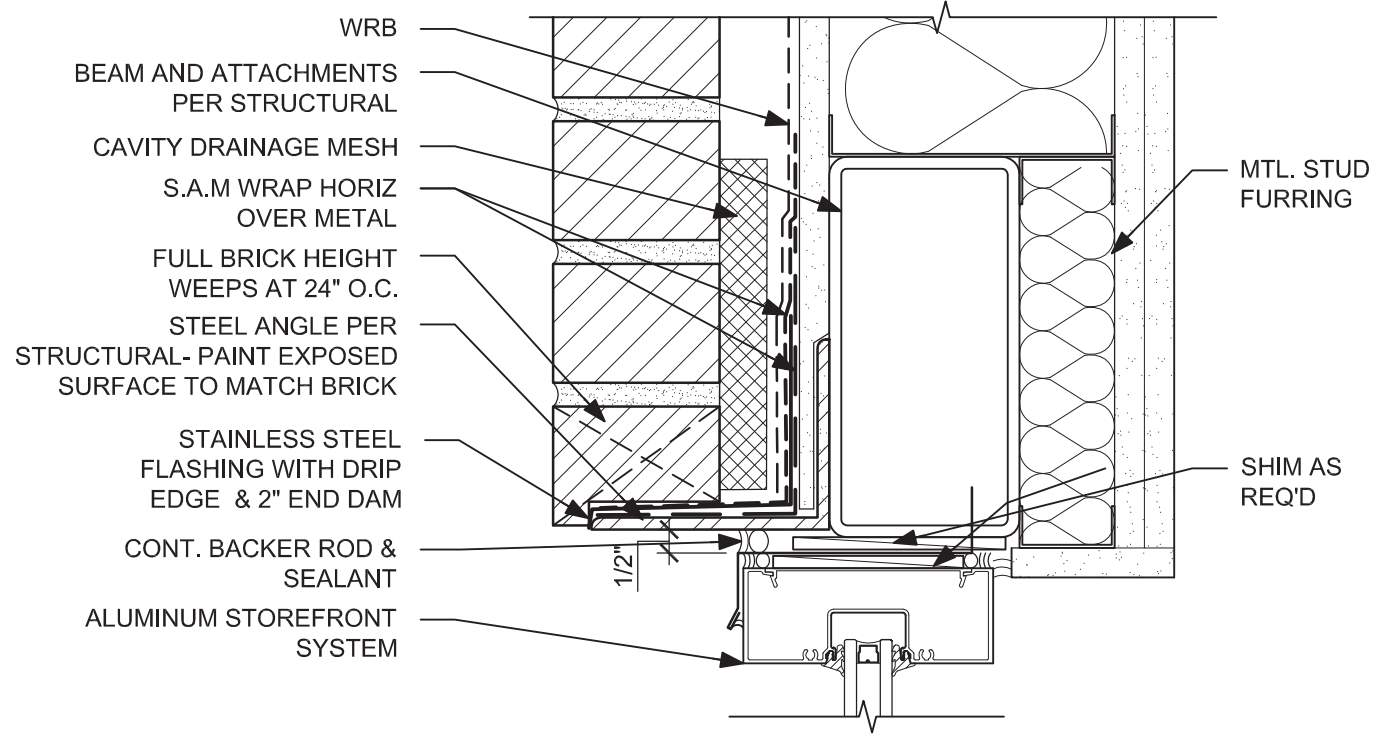


**2. STANDING SEAM METAL ROOF SECTION**



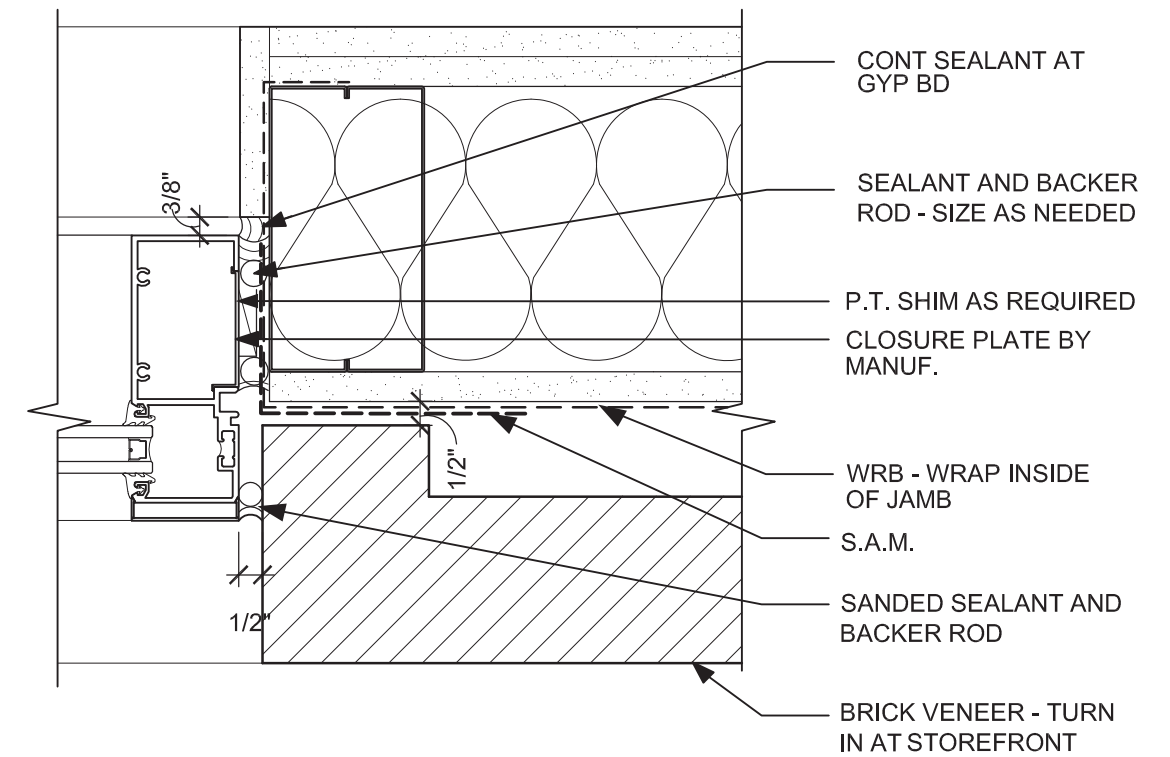
**3. STANDING SEAM METAL ROOF @ 6TH FLOOR**

**DETAILS - EXTERIOR**



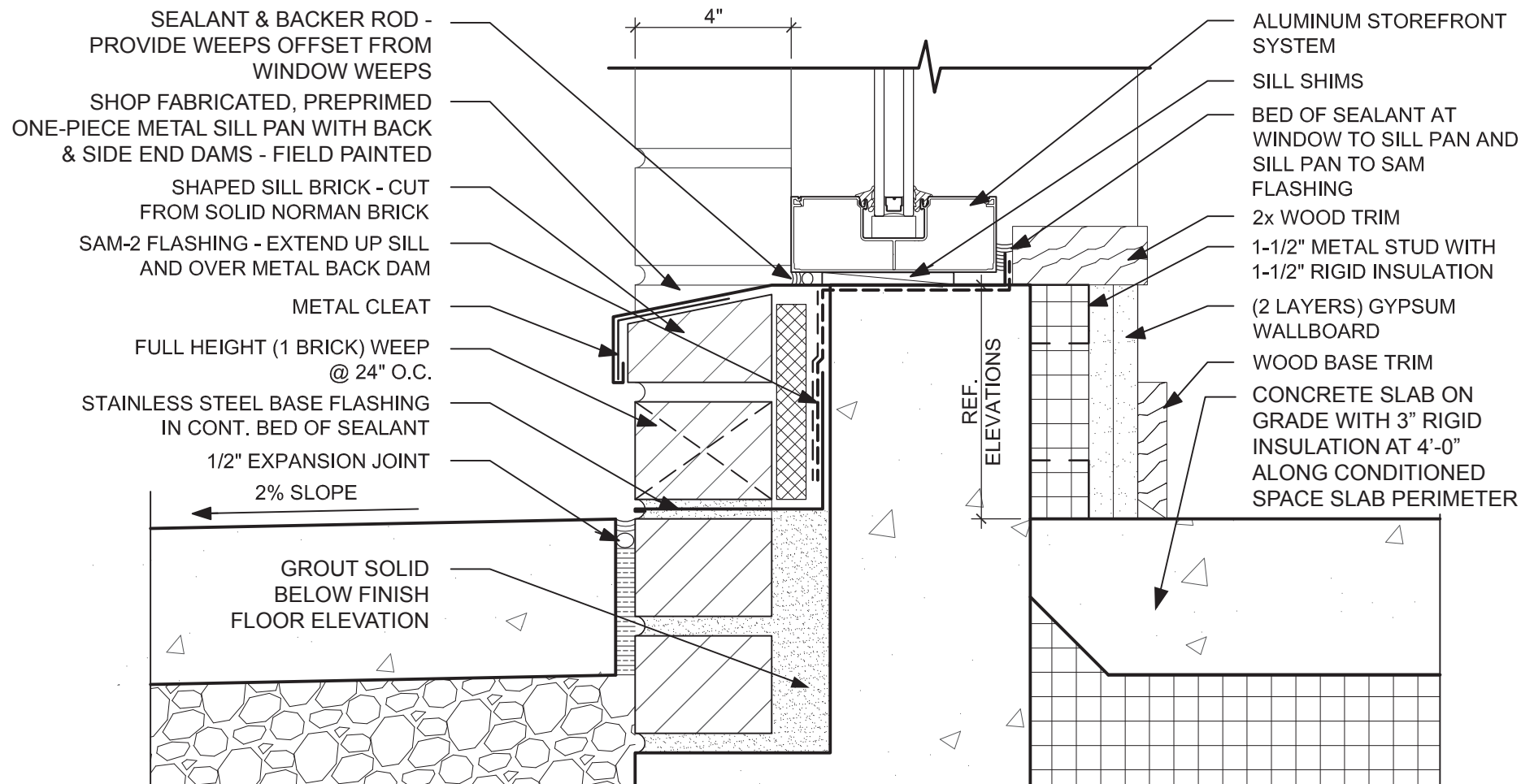
**1. STOREFRONT HEAD SECTION**

2"



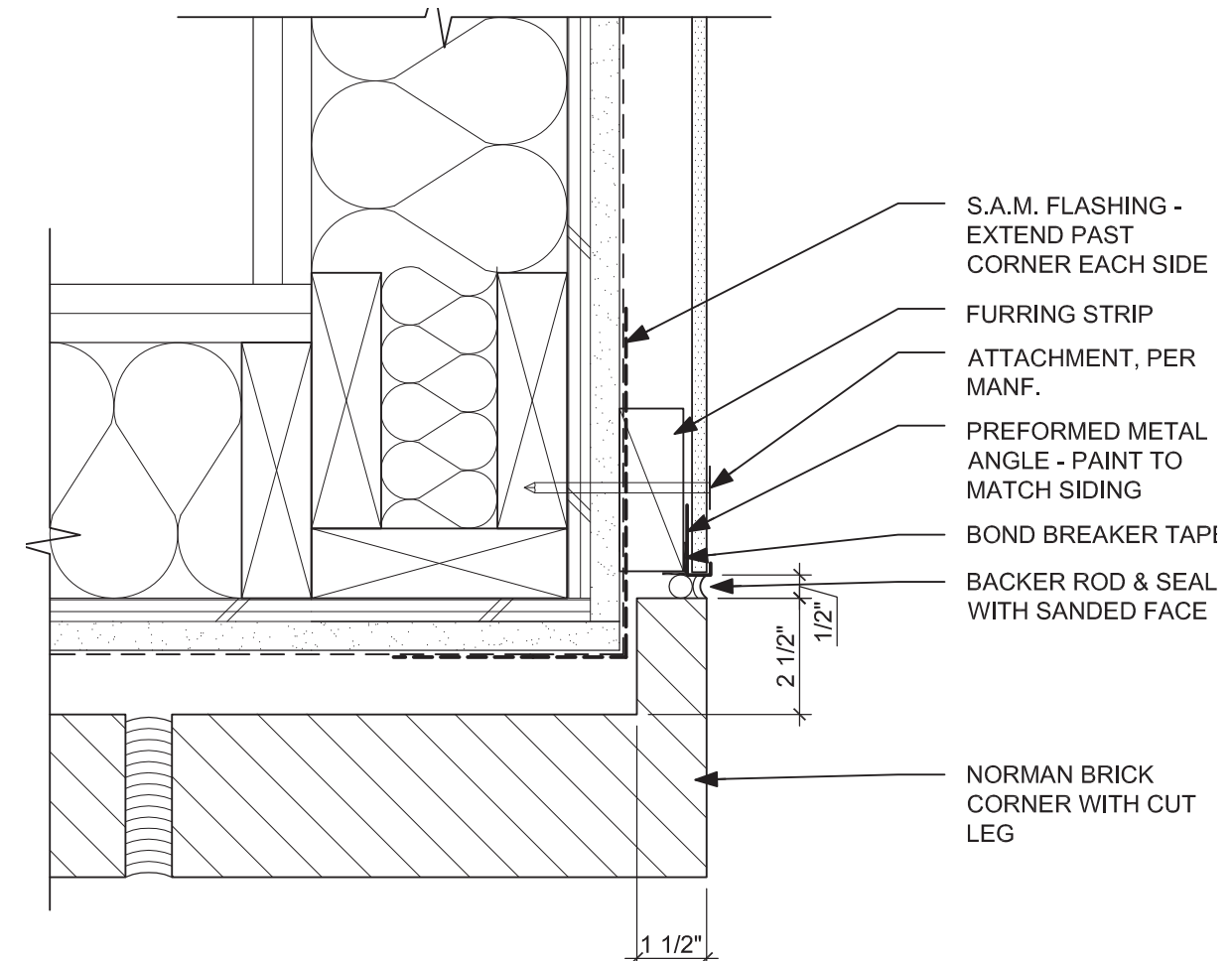
**3. STOREFRONT JAMB**

2"



**2. STOREFRONT SILL SECTION**

2"

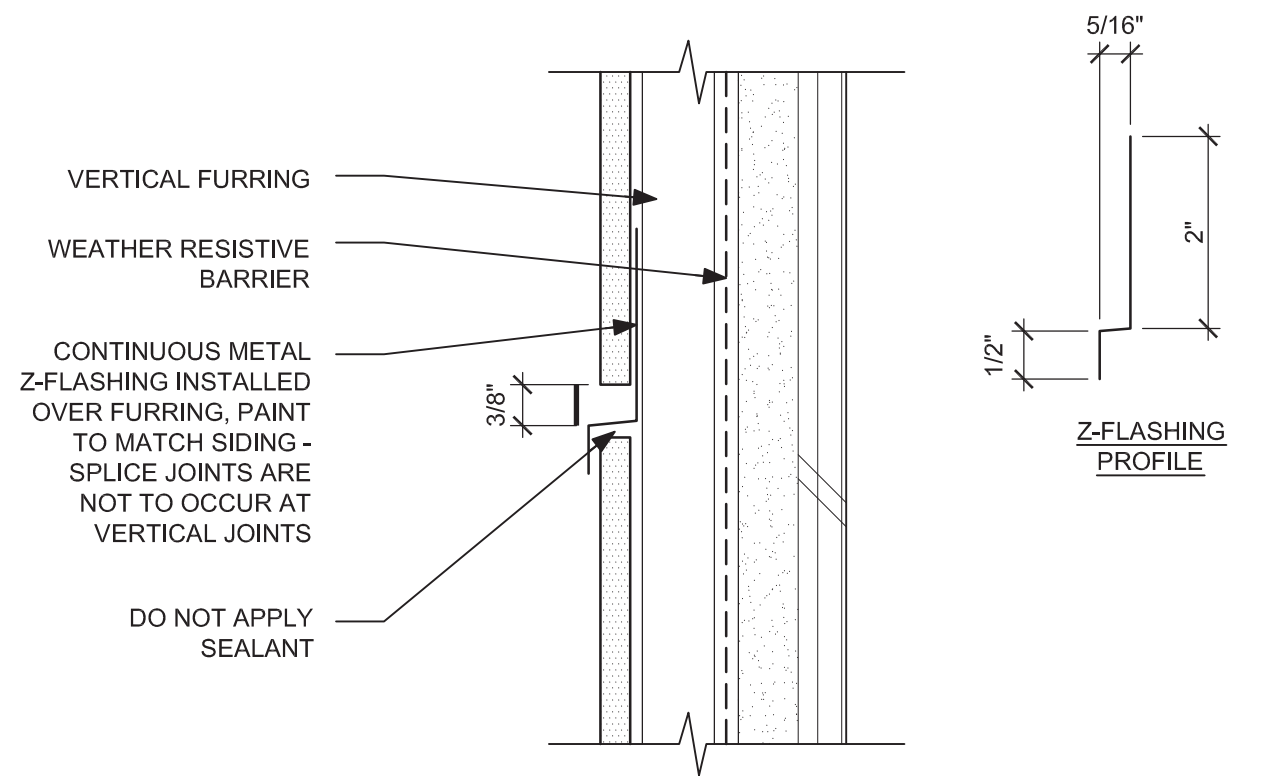


**4. BRICK TO F.C. TRANSITION @ BALCONY**

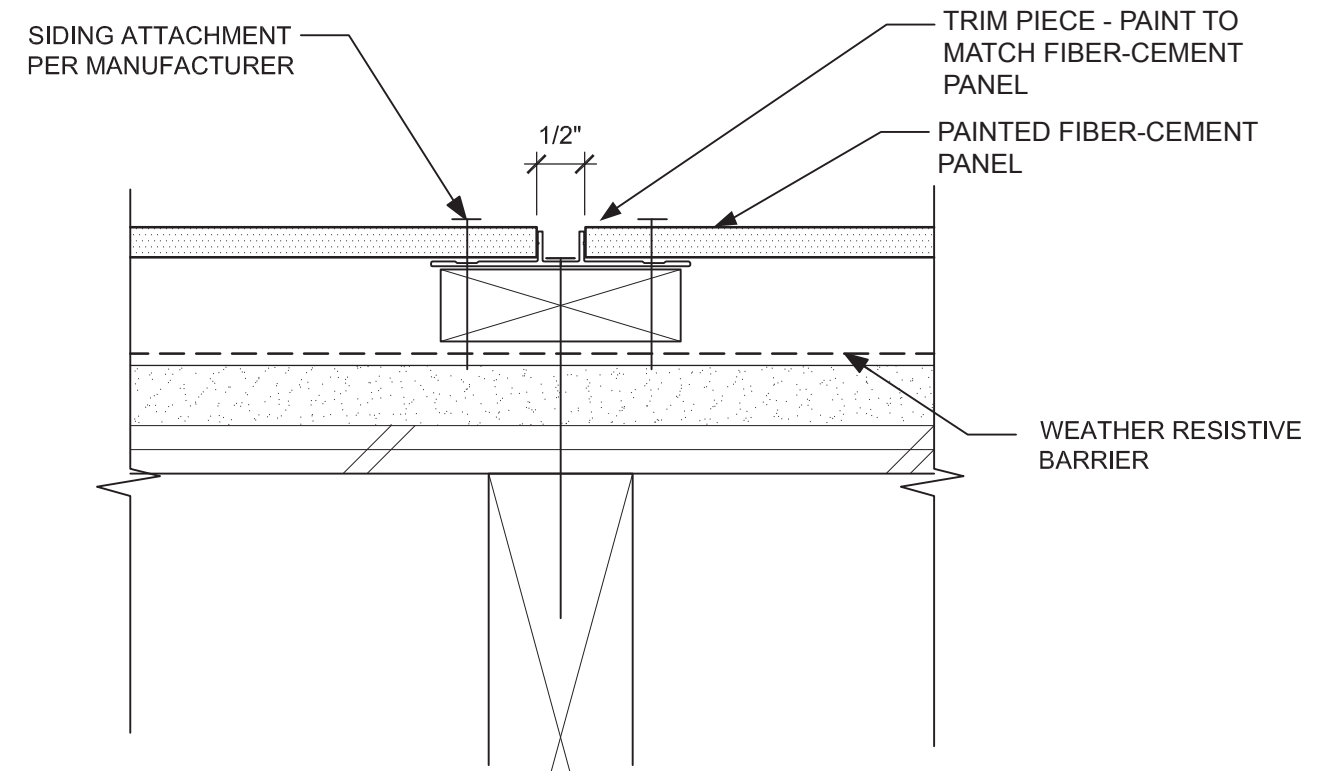
2"

**DETAILS - EXTERIOR**

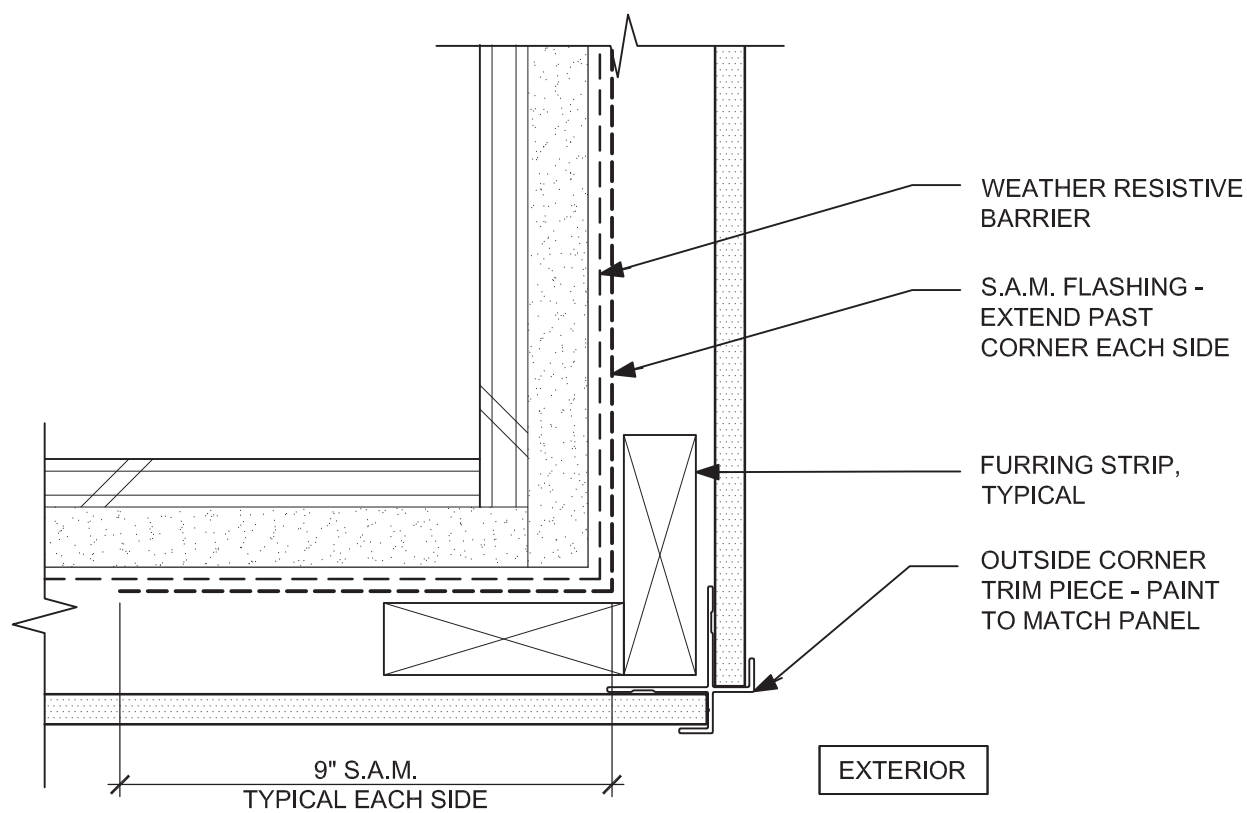




**1. FIBER CEMENT - HORIZONTAL PANEL JOINT**

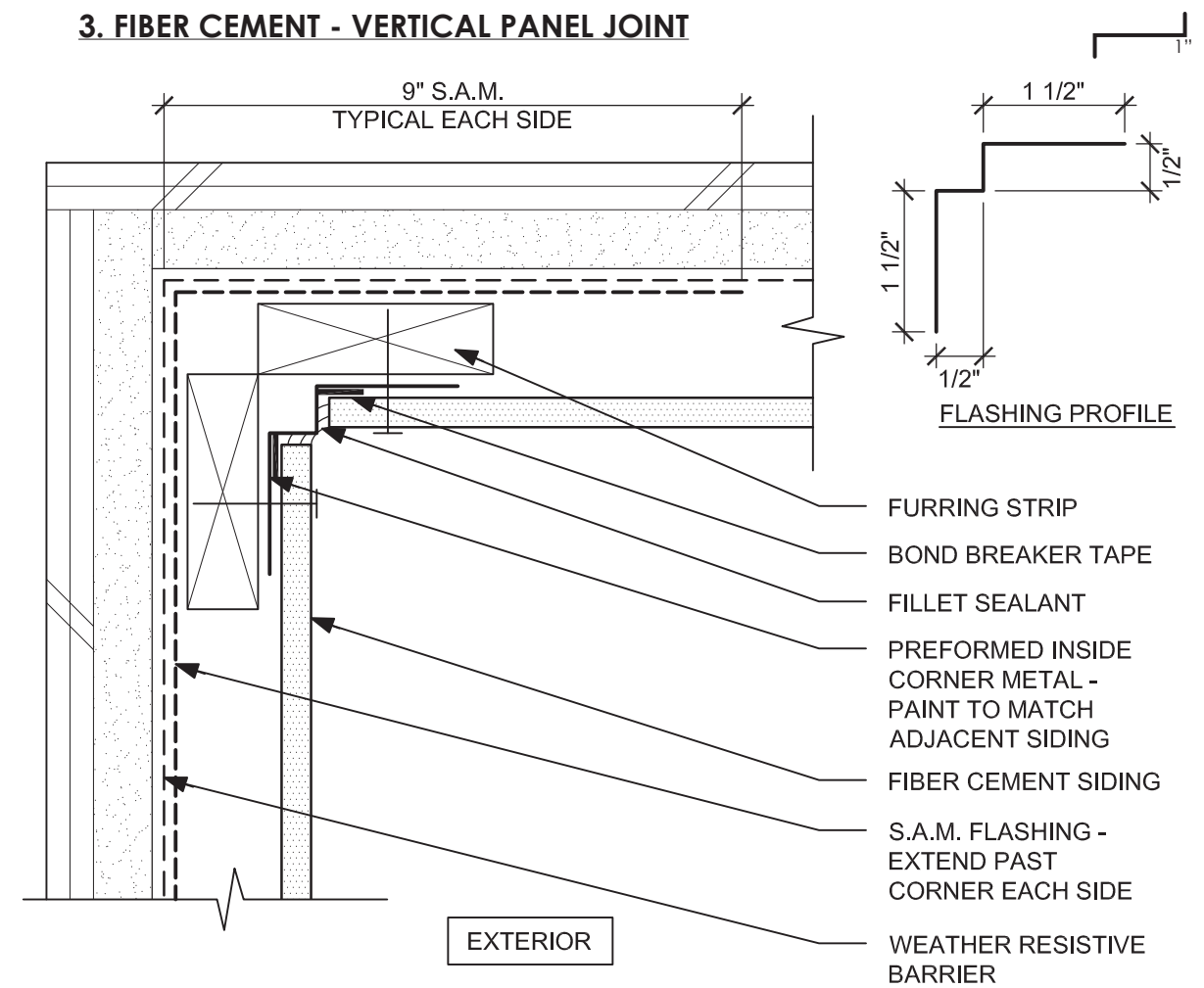


**3. FIBER CEMENT - VERTICAL PANEL JOINT**



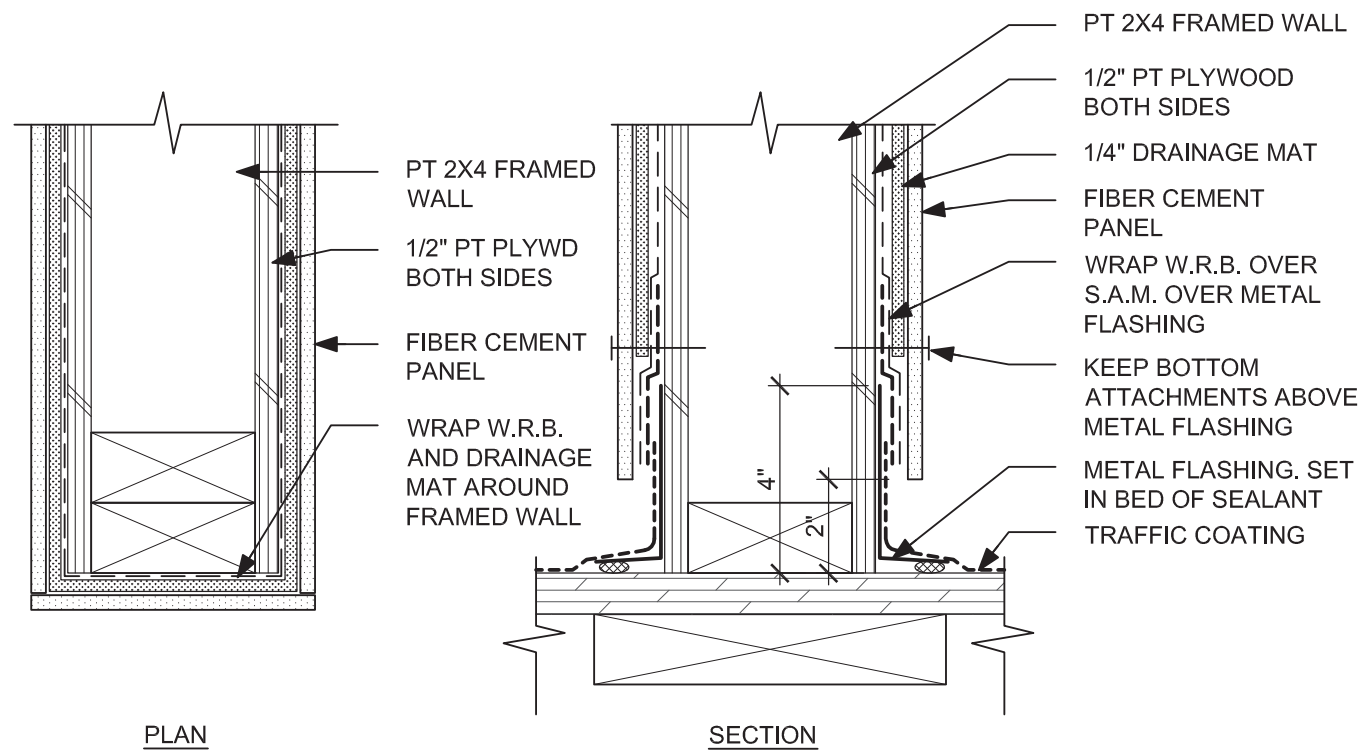
**2. FIBER CEMENT - OUTSIDE CORNER**

**DETAILS - EXTERIOR**

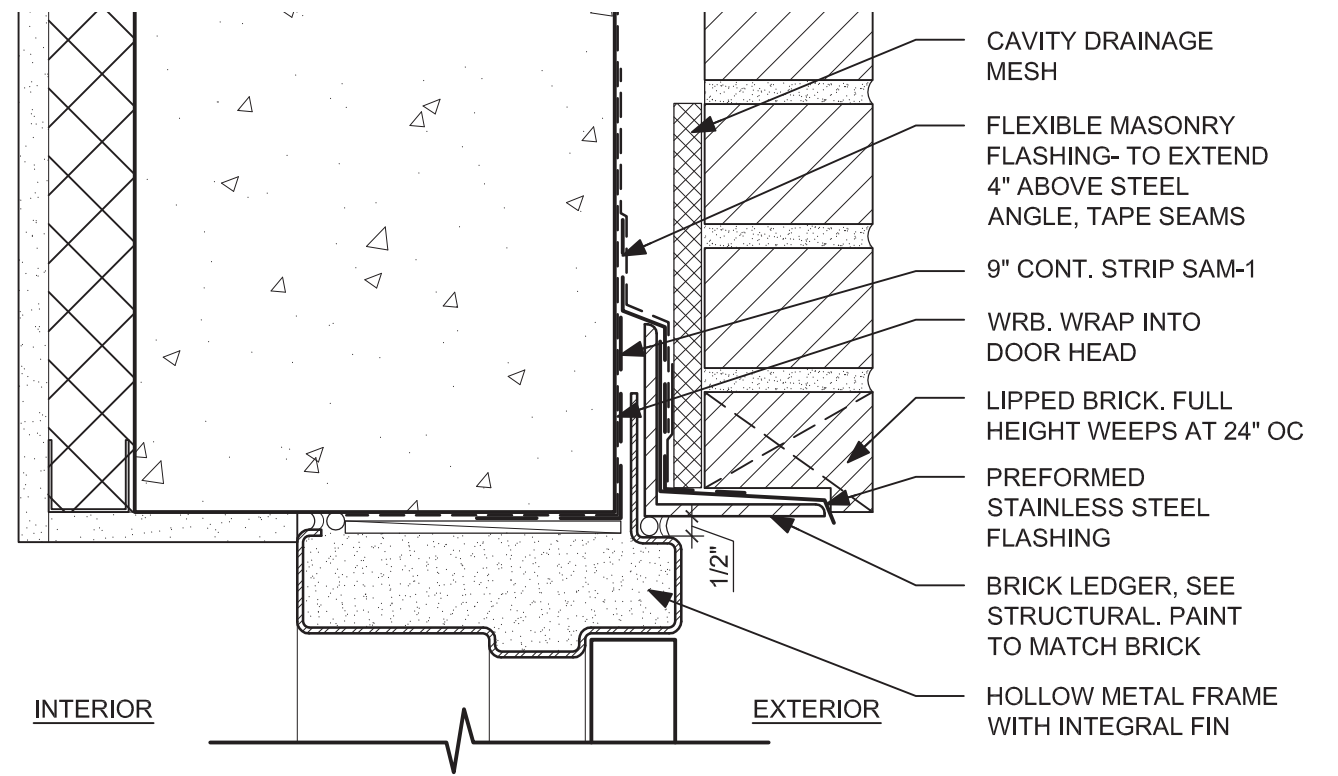


**4. FIBER CEMENT - INSIDE CORNER**

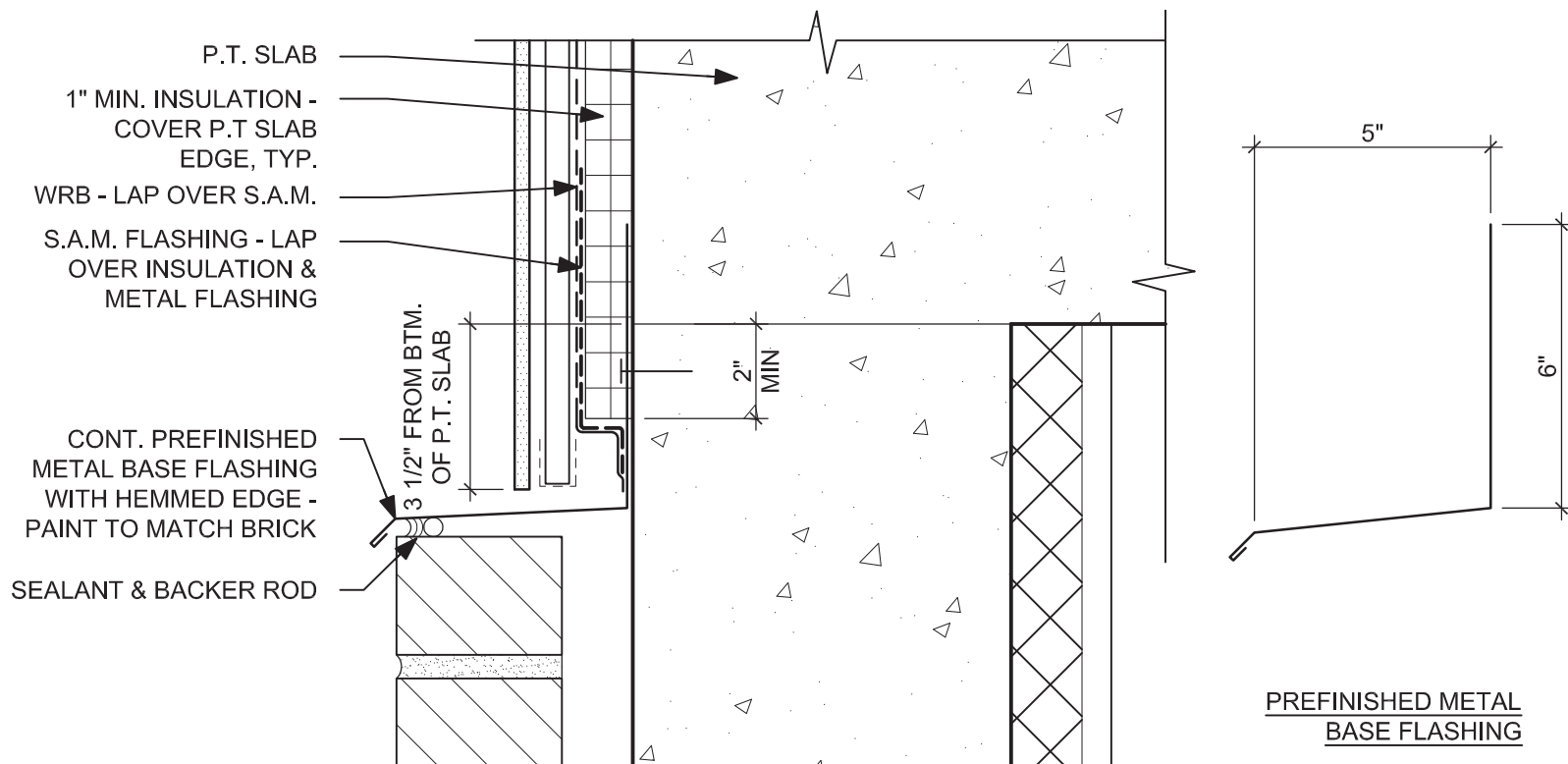




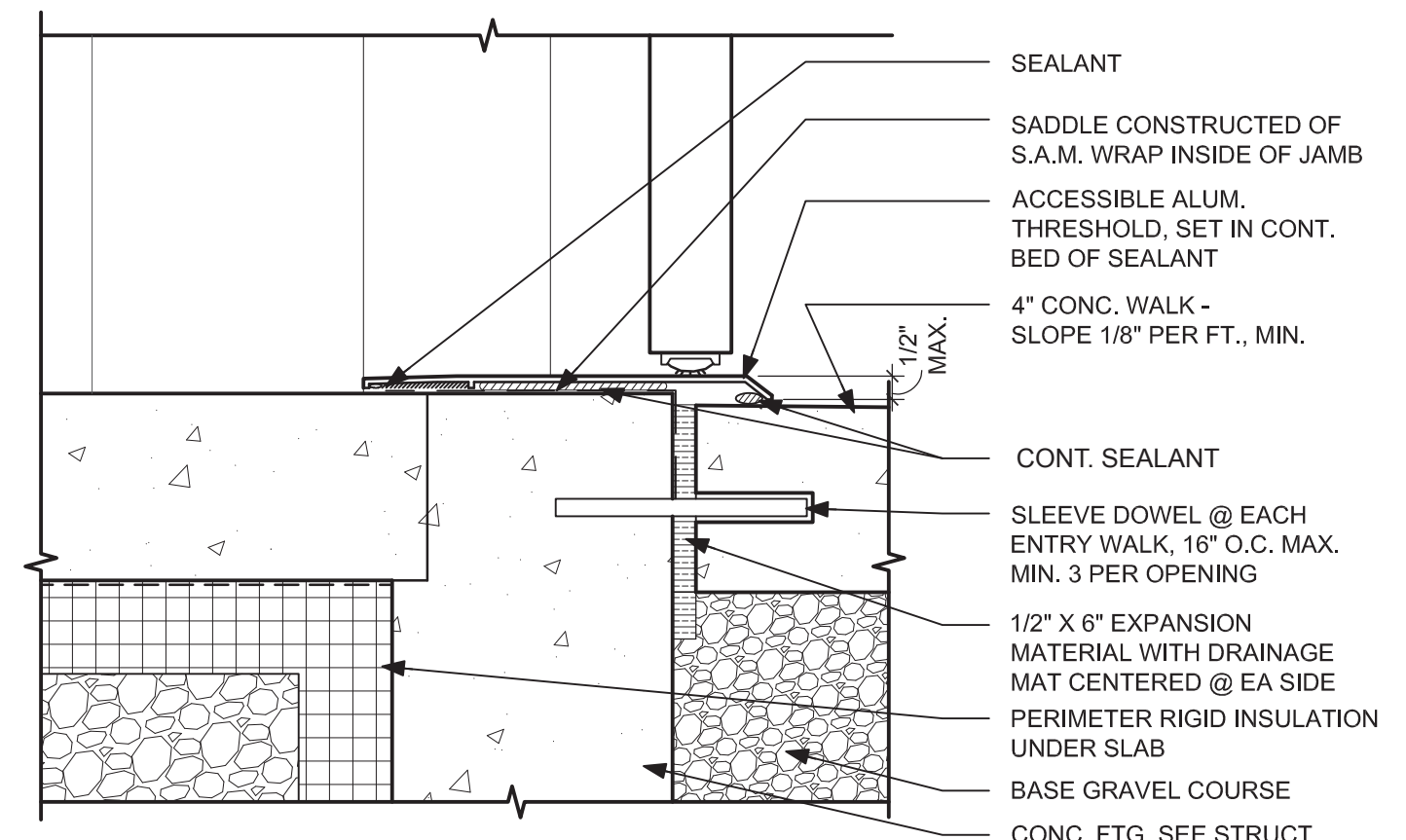
**1. PARTITION @ BALCONY**



**2. HM DOOR HEAD @ CONCRETE**



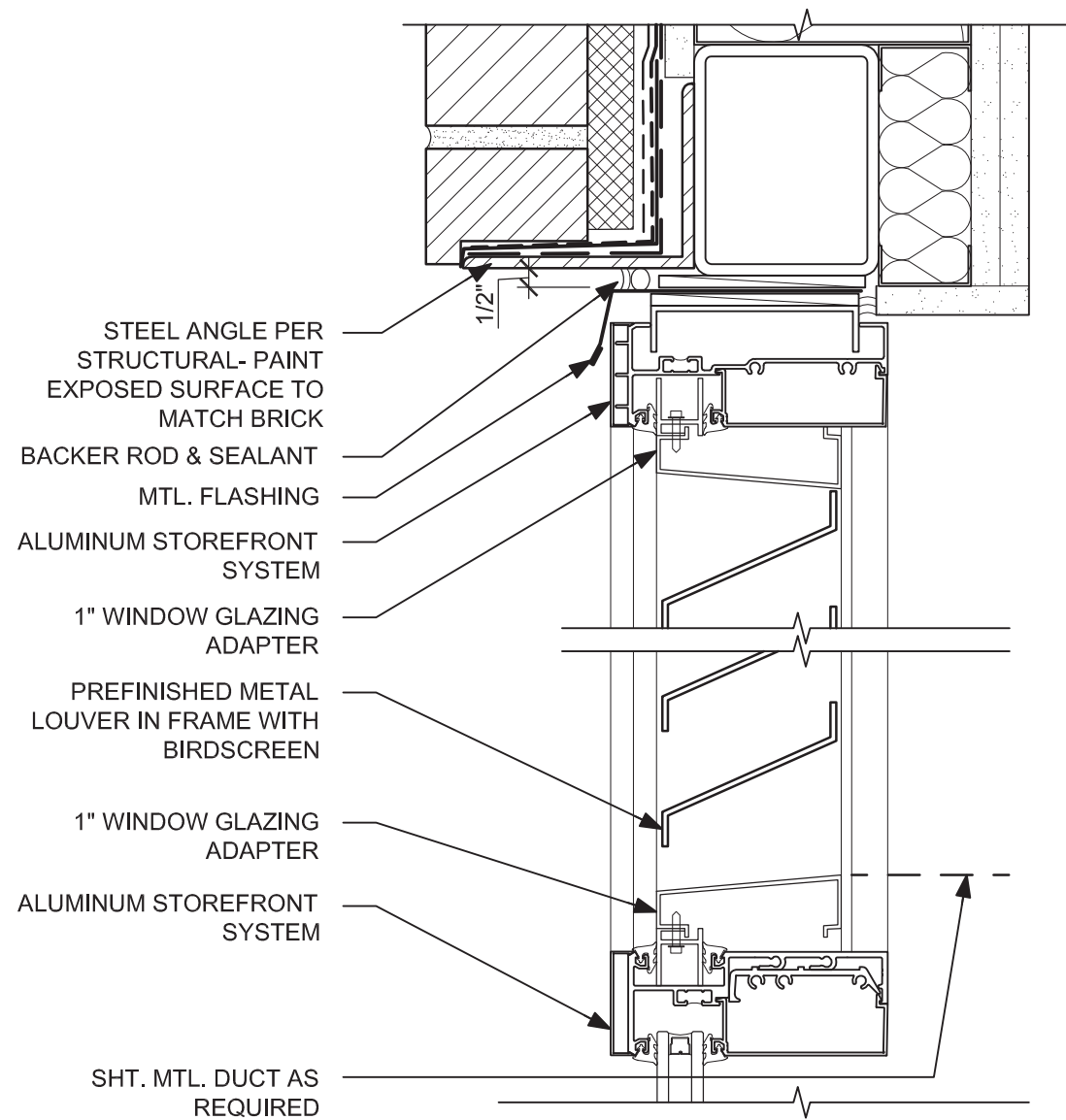
**3. FIBER CEMENT TERMINATION @ CONCRETE WALL**



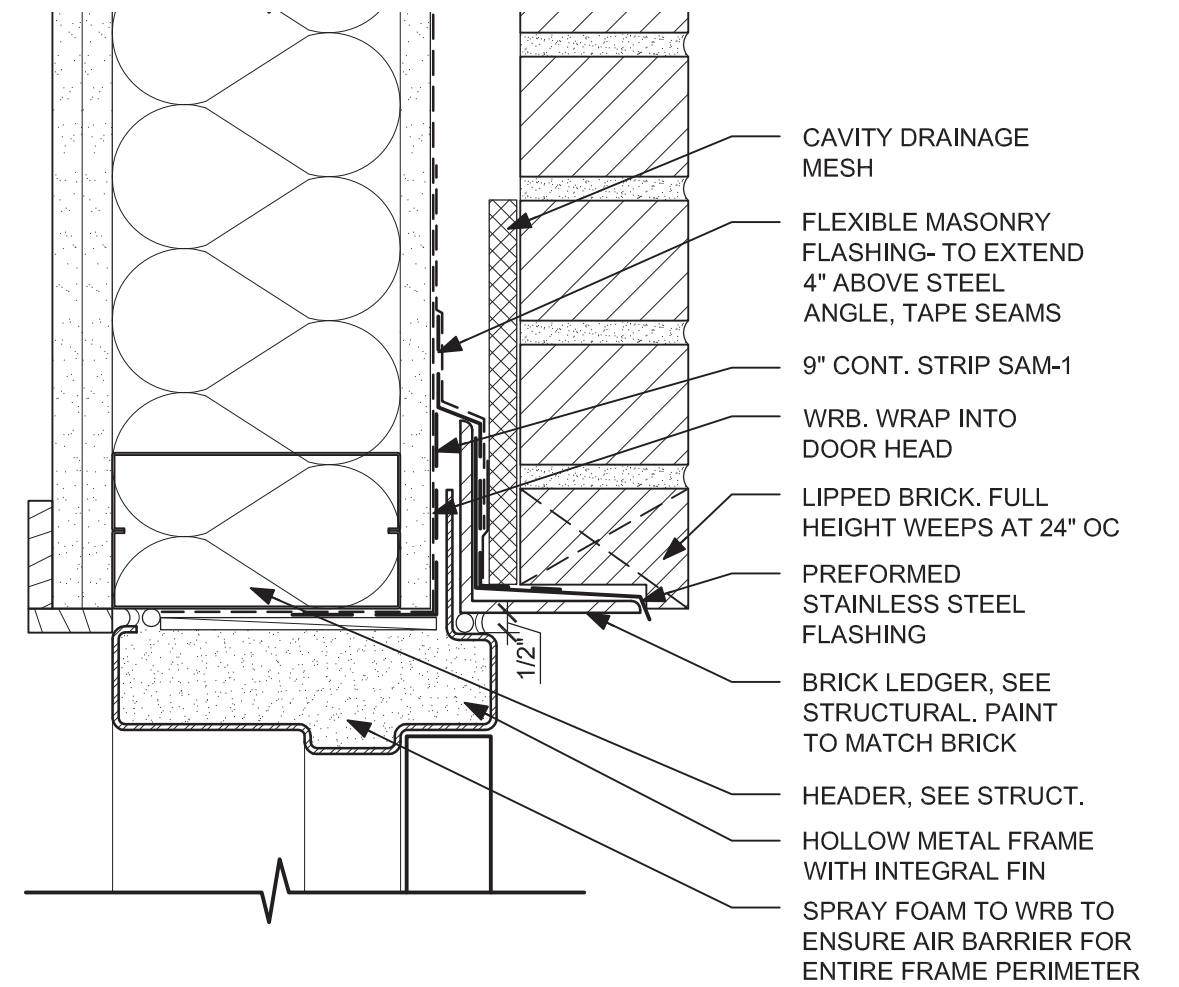
**4. HM DOOR SILL @ CONCRETE**

**DETAILS - EXTERIOR**

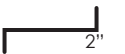


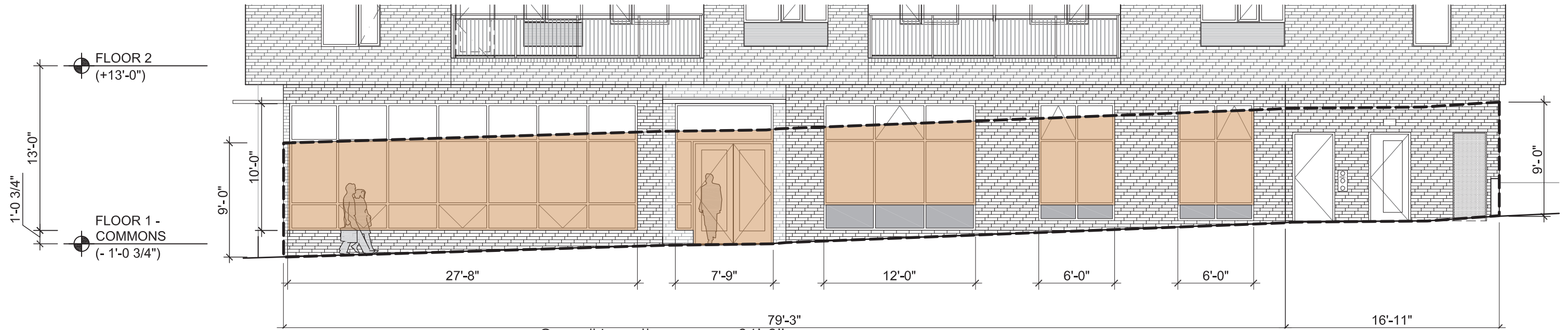


**1. STOREFRONT LOUVER SECTION**



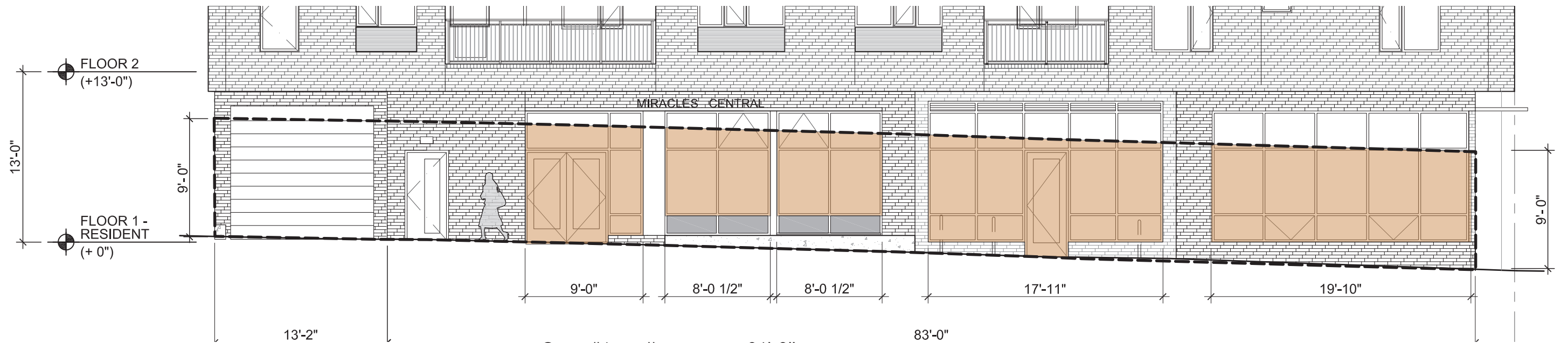
**2. HM DOOR HEAD @ BRICK**





	79'-3"	
Overall Length:	96'-8"	
Window Length:	59'-5"	<b>61.5%</b>
Overall Wall Area:	866.5 sf	
Window Areas:	434 sf	<b>50%</b>

**1. SOUTH ELEVATION**



	83'-0"	
Overall Length:	96'-8"	
Window Length:	62'-10"	<b>65%</b>
Overall Wall Area:	869.5 sf	
Window Areas:	470 sf	<b>54%</b>

**2. WEST ELEVATION**

**GROUND FLOOR WINDOW AREA**





GLAZED AREA:	
OVERALL BUILDING FAÇADE	6275.6 sf
TOTAL WINDOW AREA	1658.5 sf
	<b>26.4%</b>

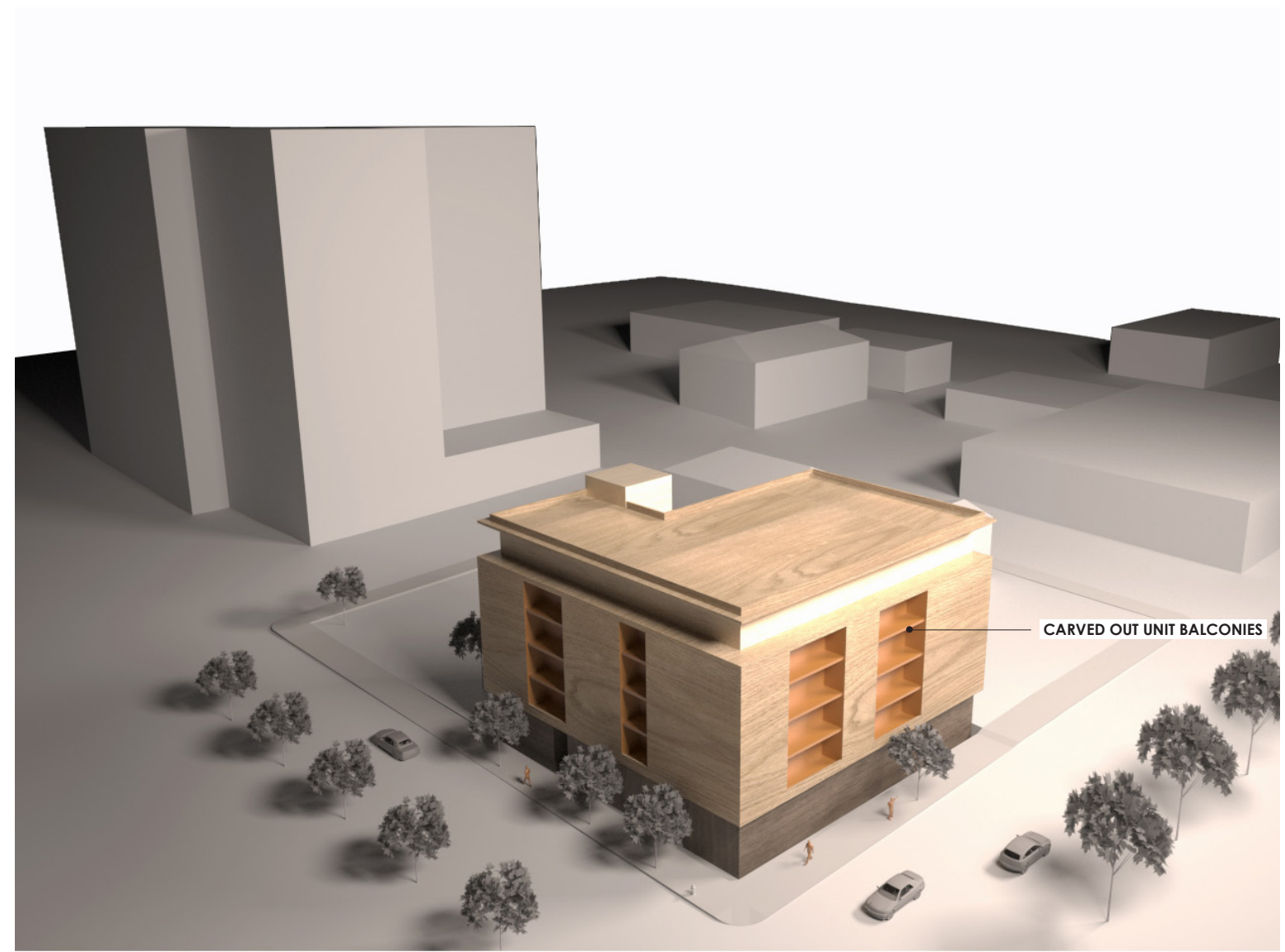
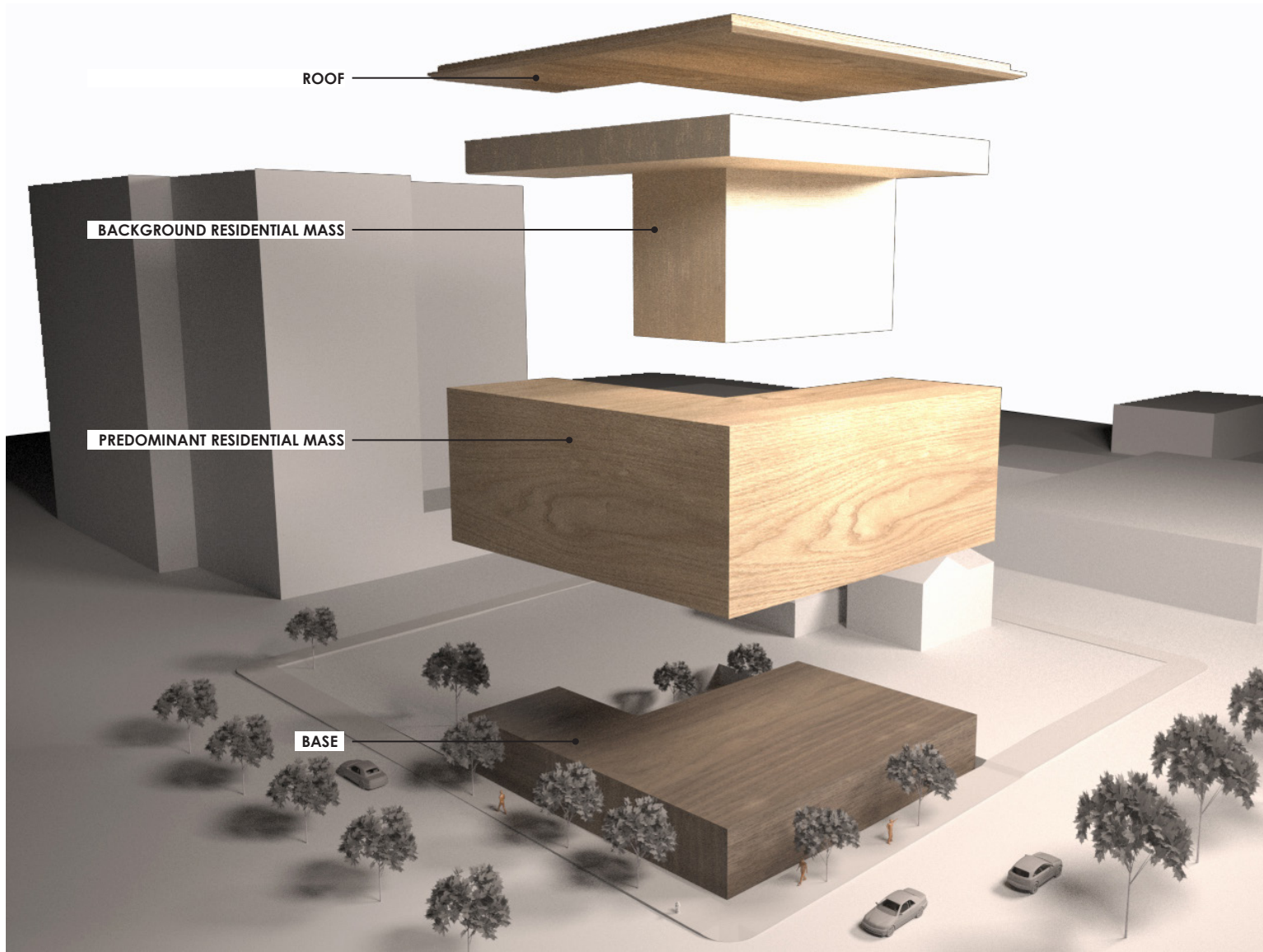
**FACADE WINDOW AREA - WEST**



GLAZED AREA:	
OVERALL BUILDING FAÇADE	6261.5 sf
TOTAL WINDOW AREA	1491.4 sf
	<b>23.8%</b>

**FACADE WINDOW AREA - SOUTH**

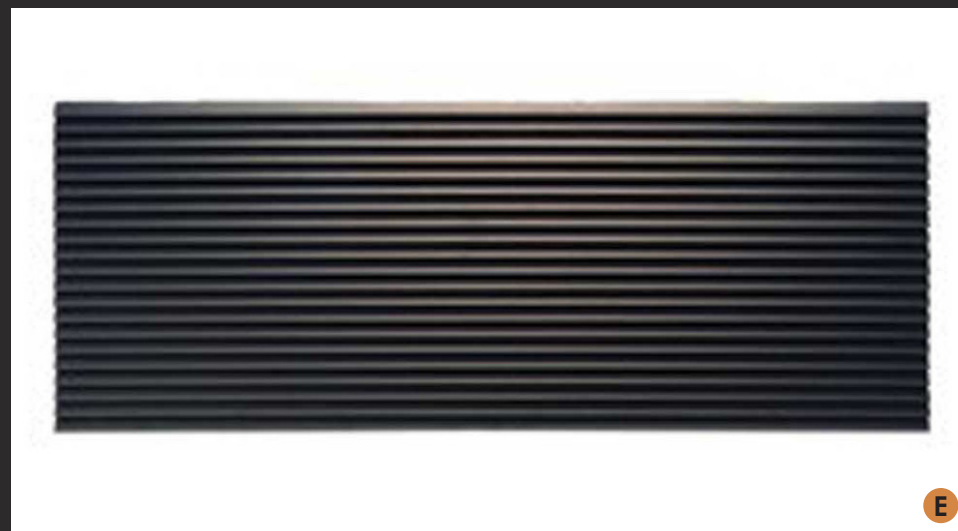
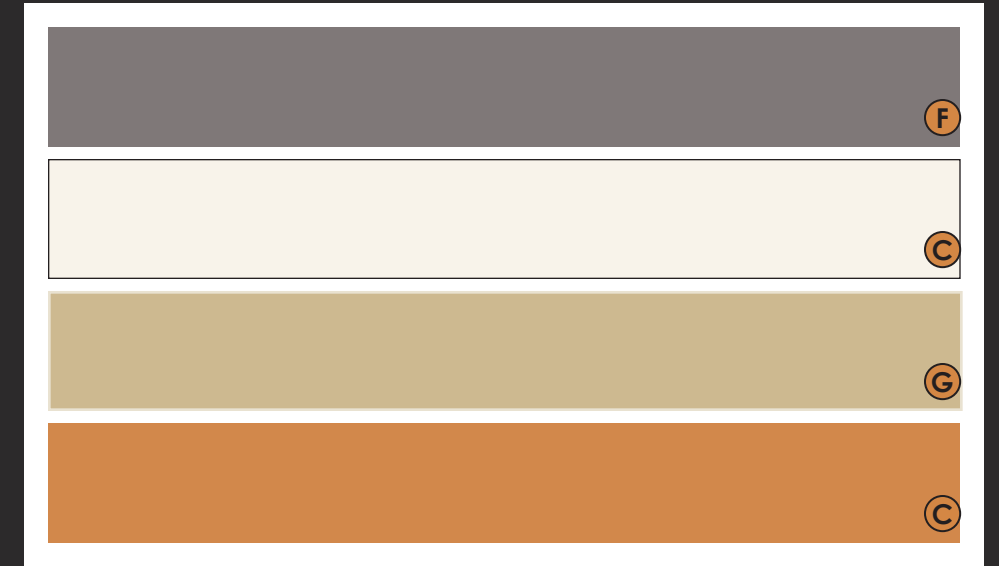




**MASSING DIAGRAMS**

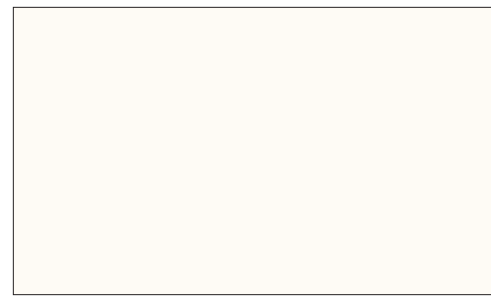


- A** LIGHT NORMAN BRICK
- B** DARK NORMAN BRICK
- C** PAINTED FIBER-CEMENT PANEL SIDING
- D** DARK BROWN LIGHT COMMERCIAL GRADE VINYL WINDOWS
- E** PTHP WITH ARCHITECTURAL GRILLE
- F** PREFINISHED METAL EAVE & PAINTED FIBER-CEMENT PANEL
- G** PAINTED FIBER-CEMENT SOFFIT TO MATCH LIGHT BRICK
- H** PAINTED METAL BALCONY GUARDRAIL
- I** DARK BRONZE ALUMINUM STOREFRONT



**MATERIALS PALETTE**





FIBER CEMENT PANEL - PAINTED



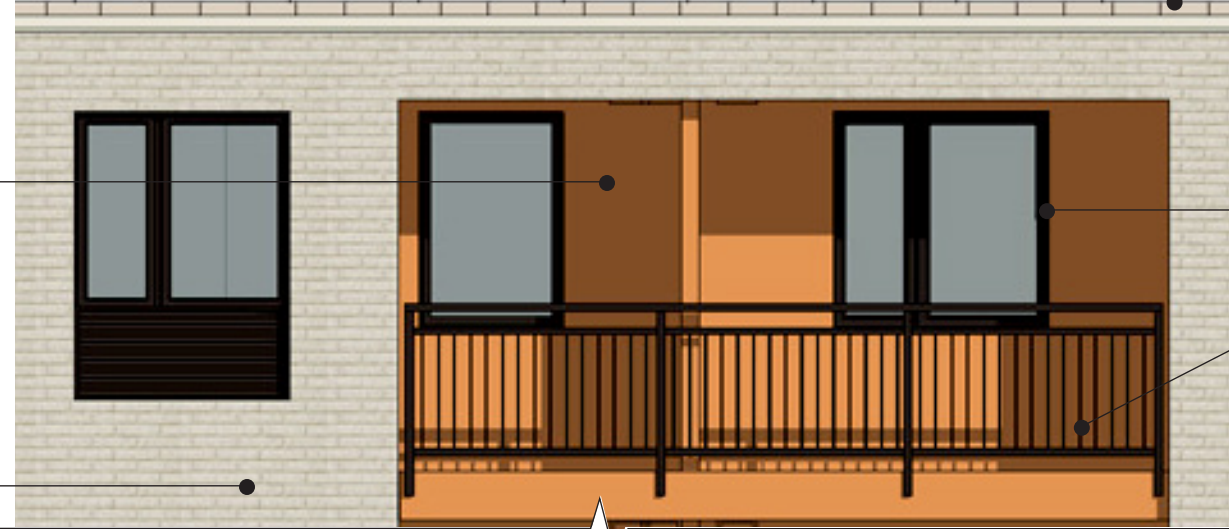
FIBER CEMENT PANEL - PAINTED



NORMAN BRICK VENEER - MEDITERRANEAN



STOREFRONT DOOR & WINDOWS - DARK BRONZE



FIBER CEMENT PANEL - PAINTED



PREFINISHED METAL EAVE



PREFINISHED METAL ROOF TO MATCH BRICK COLOR



VINYL WINDOWS, FIBERGLASS DOORS & METAL BALCONY RAILING - DARK BROWN

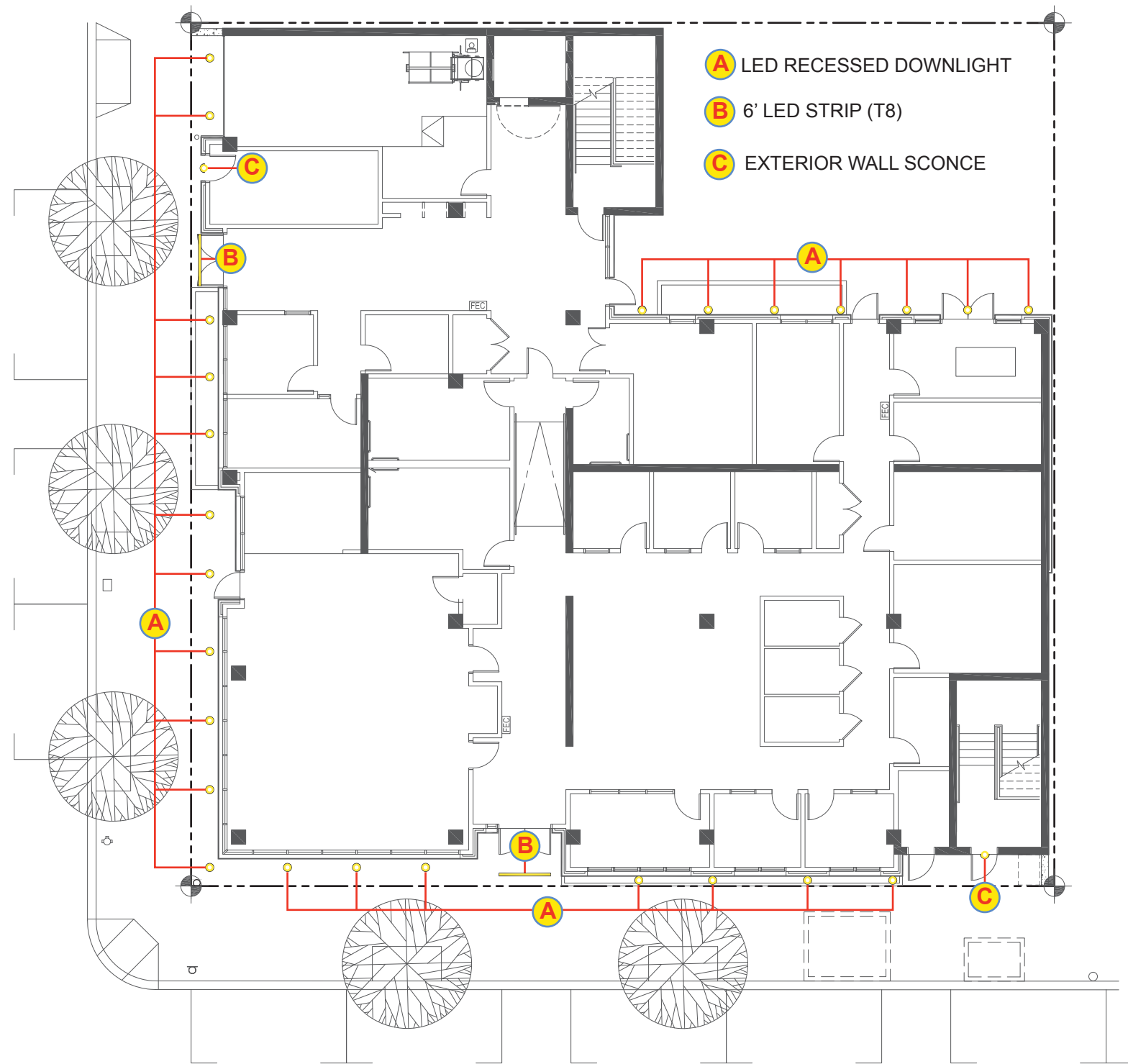


STOREFRONT WINDOWS, CANOPY & DOORS AT ENTRIES - MATCH FIBER CEMENT PANEL



NORMAN BRICK VENEER - MAUNA LOA (AT FIRST FLOOR ONLY)

MATERIALS PALETTE



**EXTERIOR LIGHTING PLAN**





VIEW FROM SOUTHWEST





VIEW FROM NORTHWEST





VIEW FROM SOUTHEAST





BIRD'S EYE VIEW OF COURTYARD





PEDESTRIAN PERSPECTIVES

MIRACLES CENTRAL



Miracles Central  
Brick Color  
Mutual Materials-  
Norman Smooth



\*Tan Terra - Mission

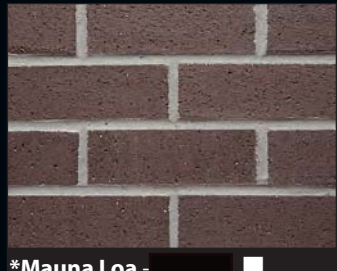


\*Tan Terra - Smooth

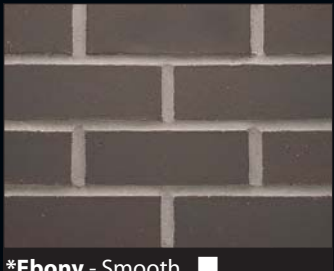


\*Goldenrod - Mission

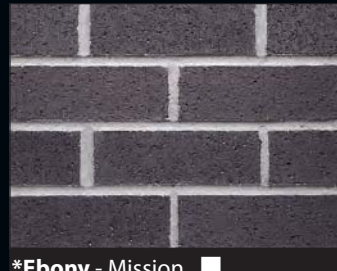
Ground Floor  
Brick Color -  
Mauna Loa  
Smooth



\*Mauna Loa -



\*Ebony - Smooth



\*Ebony - Mission

Floors 2-5  
Brick Color -  
Mediterranean  
Smooth



\*Castle Gray - Mission



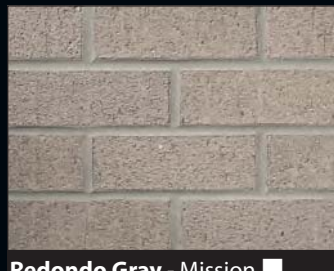
\*Sea Gray - Mission



\*Mediterranean -



\*Pewter - Mission



Redondo Gray - Mission



Redondo Gray - Smooth

Cavity Wall Brick

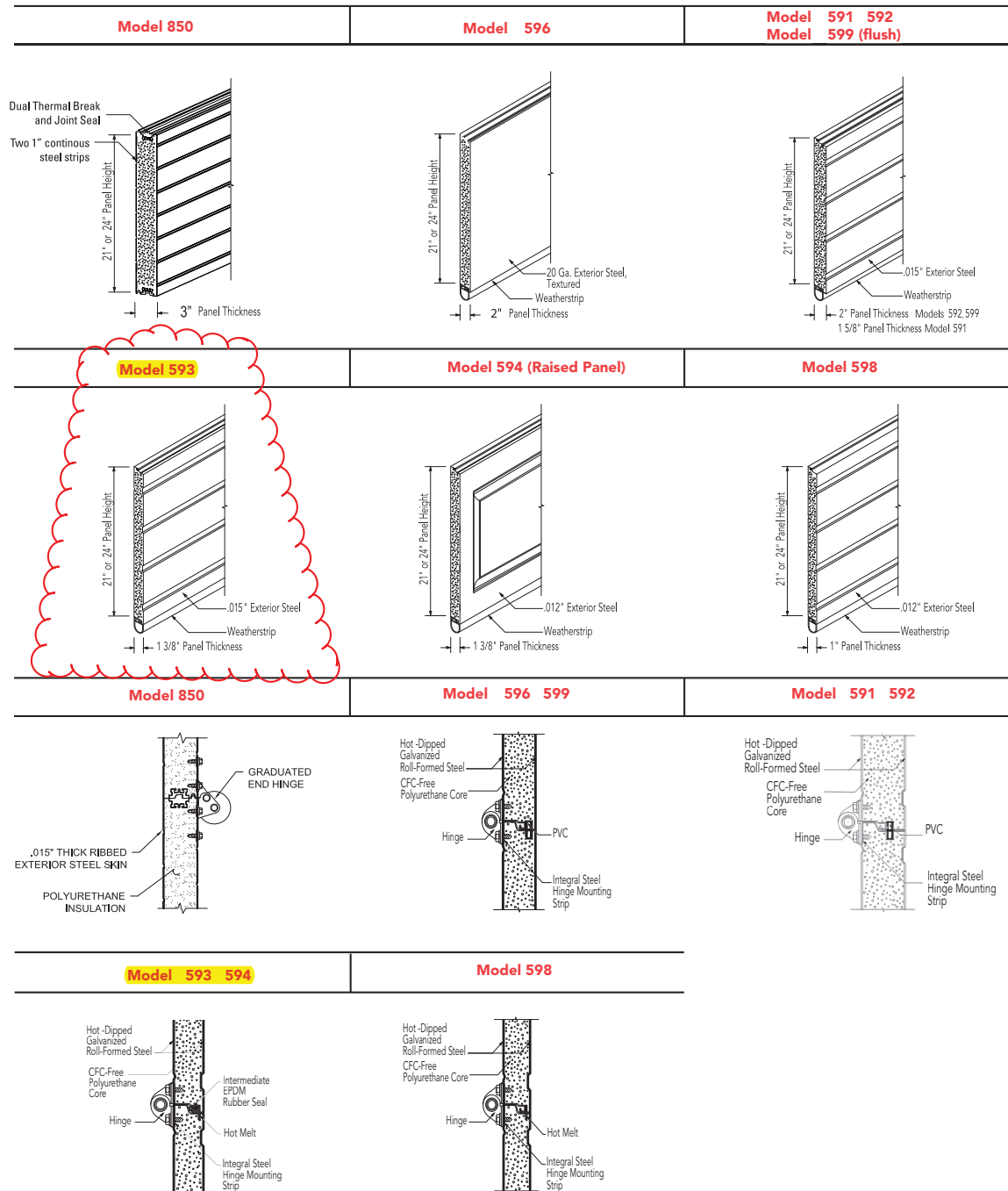
Hardie Panel Siding

PRODUCT CUT SHEETS





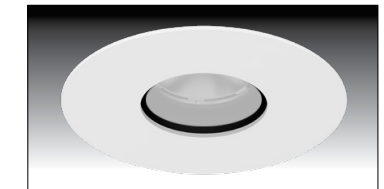
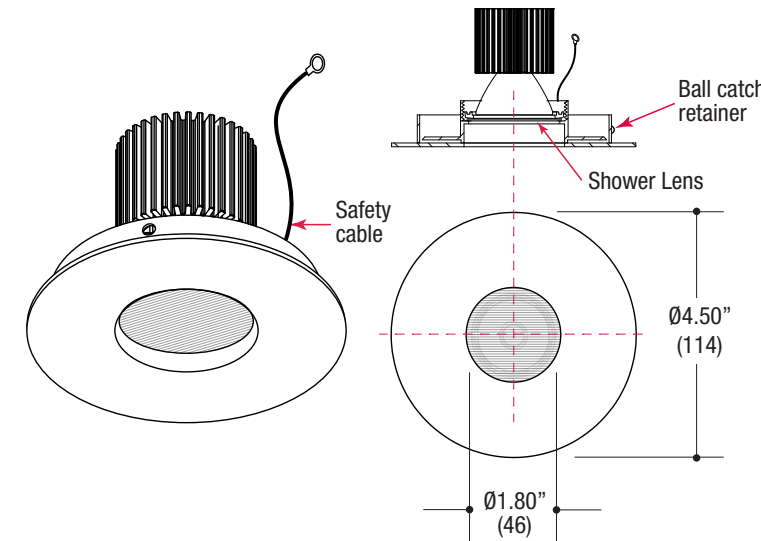




LOADING AREA OVERHEAD DOOR

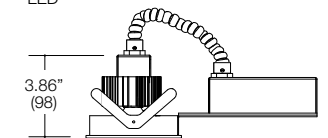
PRODUCT CUT SHEETS

PROJECT	TYPE	CATALOG NUMBER
---------	------	----------------



Housing Compatibility

- VFR-1AA-T**  
LED and MR16 light sources  
IC rated 20W Max
- VFR-1BA-T**  
LED, MR16 and CMHMR16 light sources  
IC rated 37W Max (LED, MR16 only)
- REMODEL**  
**VFR-1AR-T**  
LED



Specifications

SHOWER DOWNLIGHT

- Recessed fixed shower downlight
- 4.50" round flat die-cast aluminum trim
- Small 1.80" round aperture
- Accepts up to 2 or more optical accessories, dependent on lamp
- Clear shower lens fully gasketed
- Ball catch retainer for easy trim insertion and removal
- Safety cable included
- Powder coat finish

AVAILABLE LAMP SOURCE Lamps not included  
(Electrical Assembly included in housing)

- 12V MR16 50W max - Derate Labels Available
- CMHMR16 in 20W or 39W
- LED Retrofit 15W max - Works with SORAA®

AVAILABLE LED SOURCE

- 11W / 825lm (@ 80CRI min / 3000K) - Passive cooling
- 16W / 1100lm (@ 80CRI min / 3000K) - Passive cooling
- 23W / 1450lm (@ 80CRI min / 3000K) - Active cooling\*

LABELS

- Suitable for Wet Location



ORDERING INFO

TRIM SERIES	WATTAGE	CRI / COLOR	BEAM	TRIM FINISH	OPTIONS
<b>8211</b>	LEAVE THESE COLUMNS BLANK FOR MR16 / CMH ORDERING				
<b>4.50" ROUND</b> Small Aperture Die-Cast Flat Trim Fixed Shower Downlight	<b>11L</b> 11W LED / 825lm nom.	<b>8027</b> 80CRI / 2700K	<b>N</b> Narrow 16°	<b>MW</b> White	<b>CL</b> Clear lay-in lens
	<b>16L</b> 16W LED / 1100 lm nom.	<b>8030</b> 80CRI / 3000K	<b>M</b> Medium 28°	<b>MB</b> Black	<b>DL</b> Diffusion lay-in lens
	<b>23L</b> 23W LED / 1450 lm nom.*	<b>8035</b> 80CRI / 3500K	<b>W</b> Wide 42°	<b>XX</b> Custom	<b>RM</b> For Remodel Housing
	(Delivered)	<b>8040</b> 80CRI / 4000K			
	* 23W recommended for commercial use only	<b>9027</b> 90CRI / 2700K			
		<b>9030</b> 90CRI / 3000K			
		<b>9727</b> 97CRI / 2700K			
		<b>9730</b> 97CRI / 3000K			

Ordering Example: **8211-11L-8027-N-MW-CL**

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We reserve the right to change or withdraw specifications without prior notice.

HEADQUARTERS  
9200 Deering Avenue  
Chatsworth CA 91311

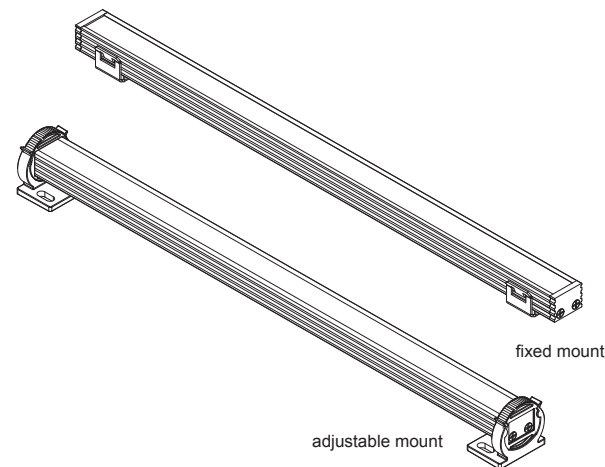
Telephone: 818-885-1335  
Toll Free: 855-885-1335  
Fax: 818-576-1335

www.lfillumination.com  
rev: 093014

GROUND FLOOR BUILDING PERIMETER EXTERIOR DOWN LIGHTING FIXTURE A



winonaLED Project: \_\_\_\_\_ Qty: \_\_\_\_\_ Type: \_\_\_\_\_  
 winline surface linear 105W/107W wet



The **Winline 100 Series** are small scale linear LED luminaires and were designed to be the most powerful, reliable, and easiest to implement linear LED solution available. The model WSL 105W/107W is a high performance luminaire with robust construction suitable for exterior illumination.

**Beam Spreads:** The Model 105W/107W is available in 30 and 100 degree beam spreads. See page 4 for photometric data.

**Color & Light Output:** The 100 Series utilizes Nichia 757 white LEDs in four standard color temperatures. Model 105W/107W features (16) LEDs/ft.

100 Series	Model 105W		Model 107W	
Color Temperature	lm/ft	W/ft	lm/ft	W/ft
ANSI-2700K White	138	3.2	276	6.2
ANSI-3000K White	162	3.2	325	6.2
ANSI-3500K White	168	3.2	338	6.2
ANSI-4000K White	180	3.2	360	6.2

Results based test 22006  
100' beam spread

Note:  
LM79 Tests- see page 4.  
L-70 > 60,000

**Power:** The Winline 100 series operates on 24VAC using magnetic transformers. A wide range of remote transformers are available in 120V and 277V primary.

**Dimming:** Used with remote mounted 24VAC magnetic transformers which can be dimmed with commonly available low voltage magnetic dimming equipment.

**Mounting & Adjusting:** Both fixed and adjustable mounts allow the 100 Series to be used almost anywhere. The installer locates and fastens the mount clip, runs power feed lines, connects the fixture's wire leads to the feed lines and snaps the fixture in place. The low profile fixed mount is only 1/8" high and the adjustable mount allows full 300 degree rotation around the centerline of the fixture. See pages 2-3 for more mounting and adjustment information.

**Operating Temperature:** Minimum and maximum ambient air temperatures around this luminaire shall not exceed -22°F to 122°F (-30°C to 50°C). Any application of this product should also take into consideration air flow and ventilation to ensure performance and reliability.

Winona Lighting reserves the right to make design changes without prior notice.

Refer to the **Winline Application Guide** ([www.winonalighting.com/products/commercial-led-lighting/led\\_linear/105-108W](http://www.winonalighting.com/products/commercial-led-lighting/led_linear/105-108W)) for more product detail.

**Weight:**

12" - .31 lbs	36" - .84 lbs
18" - .44 lbs	42" - .98 lbs
24" - .58 lbs	48" - 1.11 lbs
30" - .71 lbs	



Winline 105W/107W is ETL listed for wet location. Complies with UL Standard 2108



IP66

WINONA Lighting • 3760 West Fourth Street | Winona, MN 55987 | 800-328-5291 | [www.winonalighting.com](http://www.winonalighting.com)

Revision 3/13

1

Winline Surface Linear - WSL	<input type="text" value="WSL"/>
	series
Model 105 wet - 105W Model 107 wet - 107W	<input type="text"/>
	model
<b>Total Run Length in Feet</b> offered in 6" increments starting at 12" ex. 38 FT = 38 foot run or <b>Preconfigured Run Length Code</b> see page 5 or <b>To Be Determined</b> TBD when run length unknown	<input type="text"/>
	run length code
30° - 30 100° - 100	<input type="text"/>
	beam spread
ANSI-binned 2700K - 27K ANSI-binned 3000K - 30K ANSI-binned 3500K - 35K ANSI-binned 4000K - 40K	<input type="text"/>
	LED code
non-dimming 24 volt AC - ND24V dimming 24 volt AC - DM24V	<input type="text"/>
	voltage
fixed - F adjustable - A	<input type="text"/>
	mount
natural (type III) anodized aluminum - NAA semi gloss black paint - SGB semi gloss white paint - SGW custom paint finish - CPF	<input type="text"/>
	finish
none - X	<input checked="" type="checkbox"/>
	options
standard - STD modified - MOD	<input type="text"/>
	special

Describe Modification:

RDIC RAD COMPACT ARCHITECTURAL WALLPACK	Cat.#	
	Job	Type

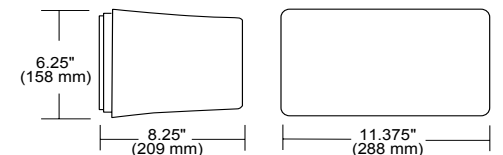


**APPLICATIONS**

- Compact architectural wallpack, stylish Radius shape accentuates building architecture. Complements larger Geometric wall sconce series – RDI. Provides excellent illumination and uniformity. Egress option available on CFL version.

**SPECIFICATIONS**

- Full cut-off, dark sky, neighbor friendly
- Features an internal removable upper panel that allows units to be converted in the field to up/down distribution if desired for building accent (HID and CFL fixtures only)
- Durable die-cast aluminum construction
- Micro prism lens reduces glare on HID & CFL units
- 70w Pulse Start Metal Halide, Compact Fluorescent & LED systems
- Bronze and Platinum powder coat standard finishes (BOC unit in Bronze only)
- CFL has BOC Egress option
- CFL lamp is 4-pin 3500K
- HID lamps are medium base
- 23w LED unit provides 1184 lumens, 5000K, 70CRI
- Lamps included
- Quick-mount adapter for easy installation on recessed J-boxes



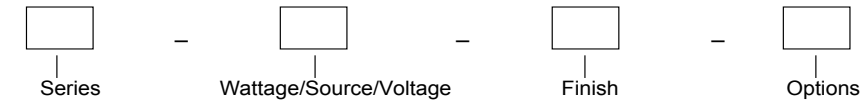
**LISTINGS**

- UL 1598 listed for use in wet locations



**ORDERING INFORMATION**

ORDERING EXAMPLE: RDIC-42F9-BZ-BOC



SERIES	WATTAGE/SOURCE/VOLTAGE	FINISH	OPTIONS
RDIC Radius Compact Wallpack	Pulse Start 70P8 70w PS Quad-Tap CFL 42F8 <sup>3</sup> 42 CFL Quad-Tap 42F9 42 CFL 120/277V LED <sup>4</sup> 13LU-5K 13 LEDs 120-277V (BZ only)	BZ Bronze PL Platinum	BOC <sup>3</sup> 0°C battery backup for CFL lamp provides 90 minutes backup power. Option only available on 42F9 version.

1 CFL lamp is 4-pin, 3500K  
2 42F9 is only listing with BOC option  
3 Available in Bronze finish only  
4 LED option is 1184 lumens; 23.3 input watts; 5000K color temperature

NOTE: Lamp included

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 Due to our continued efforts to improve our products, product specifications are subject to change without notice.  
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**CANOPY ENTRANCE EXTERIOR LIGHTING FIXTURE B**

**WALL SCONCE AT SE STAIRWELL DOOR - EXTERIOR LIGHTING FIXTURE C**

**PRODUCT CUT SHEETS**





MARK: EF-3
PROJECT:
DATE:



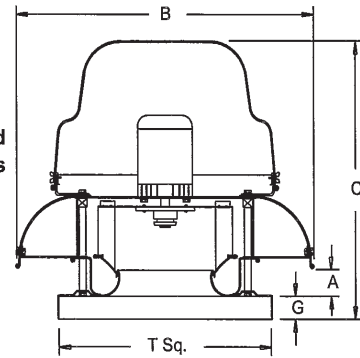
Printed Date: 6/12/2013  
 Job: Jacobs 6-12-13  
 Mark: RH-1

# ACE-D

Downblast Centrifugal Exhaust Ventilator  
 Roof Mounted/Direct Drive

### STANDARD CONSTRUCTION FEATURES:

- All aluminum housing - Backward inclined all aluminum wheel - Two piece top cap with stainless steel quick release latches (sizes 120 - 180) - Welded curb cap corners - Birdscreen - Permanently lubricated ball bearing motors - Corrosion resistant fasteners - Transit tested packaging.



Qty	Catalog Number	Flow (CFM)	SP (inwc)	Fan RPM	Input Watts	FEG
1	90C15DH	400	.250	1252	86	90

Altitude (ft): 39 Temperature (F): 70

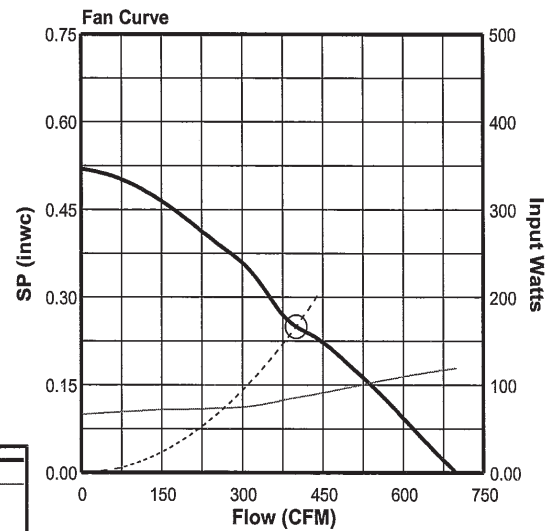
### Motor Information

HP	RPM	Volts/Ph/Hz	Enclosure	TOL
1/8	1550	115/1/60	ODP -SE	Yes

- Accessories:**  
 STD DISCONNECT  
 BDM-12 MTR DPR 115V  
 ROOF CURB RCG 16-9.5 H  
 FAN SPEED CONTROLLER 5 AMP 120 VOLT

Dimensions (inches)	
A	2-1/2
B	18-3/4
C	16-13/16
G	2
T Sq.	18
Roof Open. Sq.*	13-1/2

NOTE: Accessories may affect dimensions shown.  
**Shipping Weight(lbs)\*\*\* 54**  
 \*Roof opening size for curbs supplied by Cook only.  
 \*\*\*Includes fan, motor & accessories.



## RECYCLE CHUTE EXHAUST FAN EF3

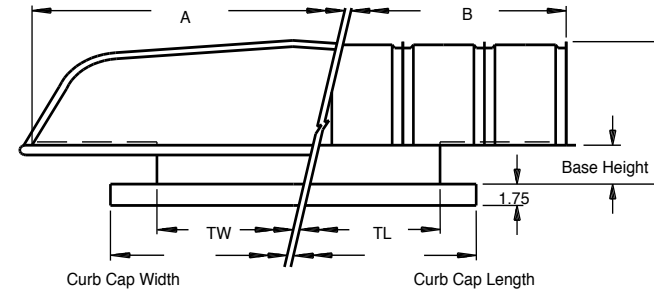
### PRODUCT CUT SHEETS



# FGR Hooded Gravity Relief

## STANDARD CONSTRUCTION FEATURES

- Precision formed locked rib construction.
- Available in aluminum or galvanized steel construction.
- 0.5 in. galvanized steel mesh birdscreens.
- Heavy gauge galvanized steel support members.
- Hood can be removed completely from the base or hinged open.
- Units with a throat size exceeding 60 in. x 120 in. will have 12 in. galvanized bases as standard.
- Recommended roof opening dimension is at least 2.5 in. larger than the damper size.



NOTE: All dimensions shown are in units of inches

### SELECTED OPTIONS & ACCESSORIES

- Galvanized Birdscreen - 0.5 in. Mesh Type
- Galvanized Steel Housing
- Curb GPI-G12
- Damper WD-100-PB, Chnl. Frm., 120 VAC, Int Mnt., Dmpr Shipped Sep.

### DIMENSIONS

ID #	Tag	Qty	"TW" Throat Width (in.)	"TL" Throat Length (in.)	A (in.)	B (in.)	C (in.)	Curb Cap Width (in.)	Curb Cap Length (in.)	Opt. Damper Width (in.)	Opt. Damper Length (in.)	Wt. (lb)	Base Height (in.)	Ship Assembled
1-1	RH-1	1	36	36	54	48	19	42	42	36	36	110	5	Yes

### PERFORMANCE

ID #	Tag	Qty	Volume (CFM)	SP (in. wg)	Throat Area (ft2)	Throat Velocity (ft/min)
1-1	RH-1	1	0	0	9	0

## ELEVATOR RELIEF VENT HOOD RH1



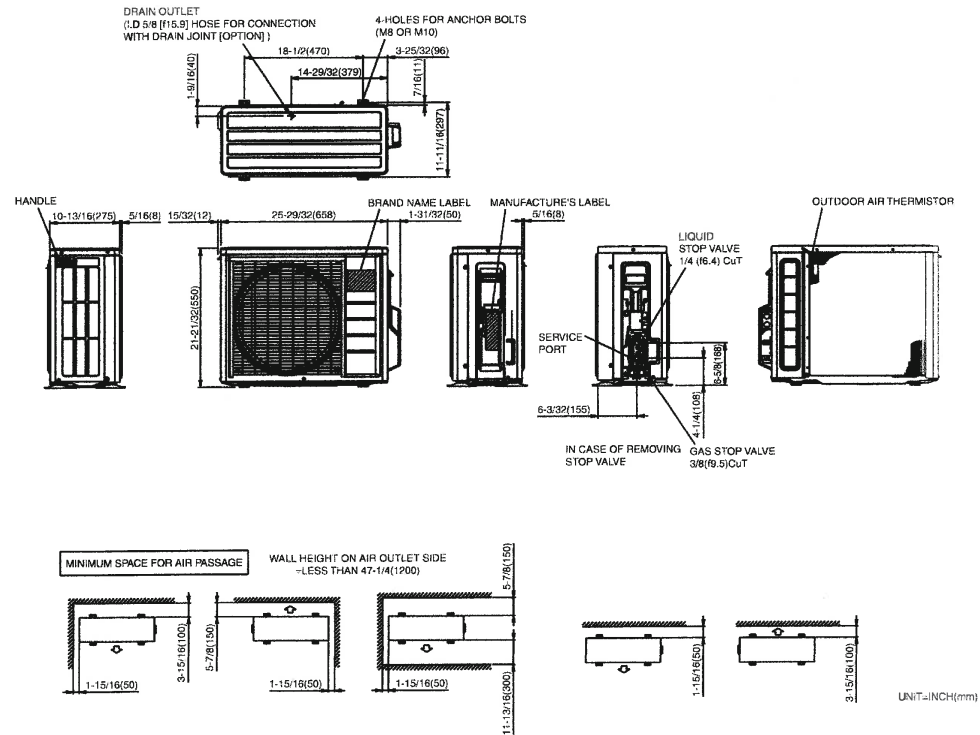


# Submittal Data Sheet

Project Name: \_\_\_\_\_  
 Location: \_\_\_\_\_  
 Engineer: \_\_\_\_\_  
 Submitted to: \_\_\_\_\_  
 Submitted by: \_\_\_\_\_  
 Reference: \_\_\_\_\_

Approval: \_\_\_\_\_  
 Date: \_\_\_\_\_  
 Construction: \_\_\_\_\_  
 Unit #: \_\_\_\_\_  
 Drawing #: \_\_\_\_\_

## Dimensional Drawing - Condensing Unit



## DIMENSIONS - ENGLISH

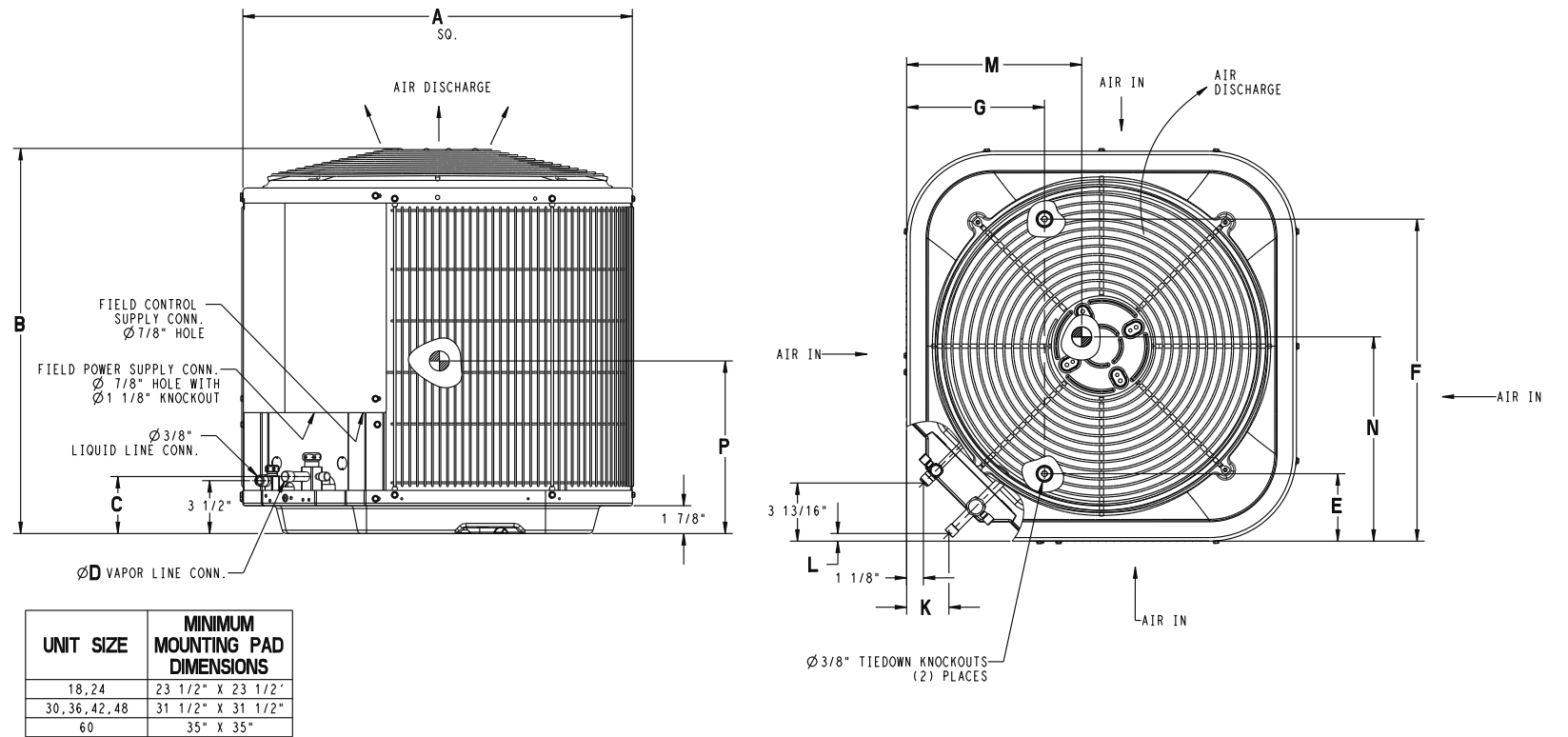
UNIT	SERIES	ELECTRICAL CHARACTERISTICS					A	B	C	D	E	F	G	K	L	M	N	P	OPERATING WEIGHT (lbs)	SHIPPING WEIGHT (lbs)	SHIPPING DIMENSIONS (L x W x H)		
25HCD318	0	X	0	0	0	23 1/8"	28 7/16"	3 3/4"	5/8"	4 7/16"	18 1/16"	7 13/16"	2 13/16"	1/2"	11 1/2"	10 1/2"	11 1/2"	119	137	24 1/8" X 24 1/8" X 30 5/8"			
25HCD318(L)	0	X	0	0	0	23 1/8"	28 7/16"	3 3/4"	5/8"	4 7/16"	18 1/16"	7 13/16"	2 13/16"	1/2"	11 1/2"	10 1/2"	11"	119.5	141.5	25 1/4" X 25 1/4" X 33 1/4"			
25HCD324	0	X	0	0	0	23 1/8"	31 13/16"	3 3/4"	3/4"	4 7/16"	18 1/16"	7 13/16"	2 13/16"	1/2"	11 1/2"	10 1/2"	12 1/2"	124	142	24 1/8" X 24 1/8" X 34"			
25HCD330	0	X	0	X	0	31 3/16"	28 7/16"	3 3/4"	3/4"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	15"	11 1/2"	149	170	32 3/16" X 32 3/16" X 30 5/8"			
25HCD336	1	X	0	0	0	31 3/16"	31 13/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	15"	12 1/2"	169	189	32 3/16" X 32 3/16" X 34"			
25HCD336	0	0	0	X	X	31 3/16"	31 13/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	15"	12 1/2"	169	189	32 3/16" X 32 3/16" X 34"			
25HCD342	1	X	0	0	0	31 3/16"	31 13/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	15"	12 1/2"	180	200	32 3/16" X 32 3/16" X 34"			
25HCD342	0	0	0	X	0	31 3/16"	31 13/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	15"	12 1/2"	180	200	32 3/16" X 32 3/16" X 34"			
25HCD348	1	X	0	0	0	31 3/16"	28 7/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	15"	11 1/2"	208	228	32 3/16" X 32 3/16" X 30 5/8"			
25HCD348	0	0	0	X	X	31 3/16"	28 7/16"	3 7/8"	7/8"	6 9/16"	24 11/16"	9 1/8"	2 15/16"	5/8"	15"	15"	11 1/2"	208	228	32 3/16" X 32 3/16" X 30 5/8"			
25HCD360	0	X	0	X	X	35"	28 15/16"	3 7/8"	7/8"	6 9/16"	28 7/16"	9 1/8"	2 15/16"	5/8"	17"	16"	12"	250	282	36 1/8" X 39 5/16" X 32 9/16"			

(L) = Aluminum Coil

208-230-160	230-160	208/230-3-60	460-3-60
-------------	---------	--------------	----------

X = YES  
 O = NO

6



UNIT SIZE	MINIMUM MOUNTING PAD DIMENSIONS
18, 24	23 1/2" X 23 1/2"
30, 36, 42, 48	31 1/2" X 31 1/2"
60	35" X 35"

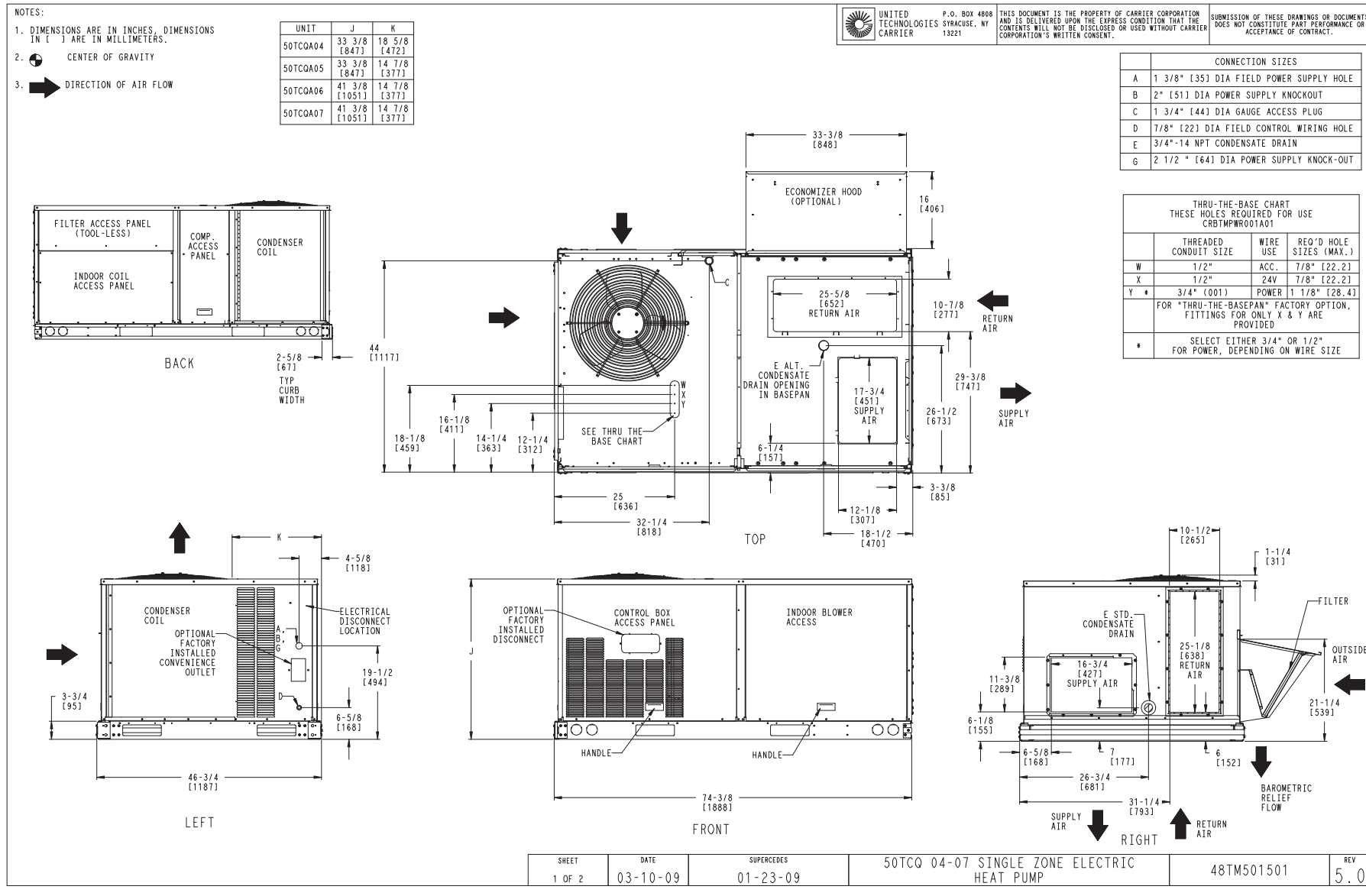
**25HCD3**

ELEVATOR EQUIPMENT ROOM AIR CONDITIONING UNIT AC1

GROUND FLOOR ZONE HEAT PUMPS HP1-HP5

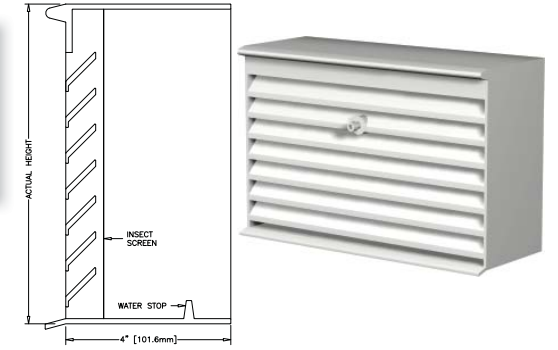
## PRODUCT CUT SHEETS





**CAST ALUMINUM BRICK VENT**

Brick Vent Type	BVC
Material	Cast Aluminum (319 Alloy)
Thickness	0.125 in. (3.20 mm)
Brick Vent Depth	4 in. (101.6 mm)



**RECOMMENDED SPECIFICATION**

**Airolite BVC Brick Vents** are used for ventilating crawl spaces, ceiling plenums, chimney flues, foundations, pipe spaces and other conditions. BVC Brick Vents are made of high corrosion resistant alloy #319. All castings come with aluminum insect screen with 7 x 7 mesh. The brick vents are designed with a deep louvered face and a continuous water stop set far back on the inside of the casting, a combination that prevents water from entering the building. There is a drip at the top and bottom of the casting to prevent water staining or sprawling off the brick vent. All materials are available in Airolite's broad array of acrylic enamel coatings for durability and compatibility with adjacent components. Please contact your local Airolite representative or the factory for assistance with the layout and design when required.

**GENERAL**  
Where indicated on plan drawings or described in schedules, furnish and install BVC Brick Vents as supplied by The Airolite Company LLC, Marietta, Ohio. Brick vents shall be furnished in the configurations represented on the plan drawings with finishes as specified.

**SUBMITTALS**  
Manufacturer shall submit shop drawings incorporating sections and details showing profiles, angles and spacing of components and frames; and, unit dimensions related to wall openings and construction. Provide samples of manufacturer's finish and color charts showing the full range of finishes and colors available.

- PRODUCTS**  
Cast aluminum vents shall be Airolite BVC available in the following sizes:
- 8 in. (203 mm) W x 2.25 in. (57 mm) H
  - 8 in. (203 mm) W x 2.75 in. (70 mm) H
  - 8.25 in. (210 mm) W x 4.9375 in. (125 mm) H
  - 12 in. (305 mm) W x 2.75 in. (70 mm) H
  - 12 in. (305 mm) W x 3.5 in. (89 mm) H
  - 12 in. (305 mm) W x 5 in. (127 mm) H
  - 12 in. (305 mm) W x 7.75 in. (197 mm) H
  - 16 in. (406 mm) W x 4.9375 in. (102 mm) H
  - 16 in. (406 mm) W x 6 in. (152 mm) H
  - 16 in. (406 mm) W x 7.75 in. (197 mm) H
  - 16.5 in. (419 mm) W x 2.375 in. (60 mm) H

See page 2 for complete finish options

**CORRIDOR VENTILATION HEAT PUMP HP 6**

**UNIT WALL EXHAUST WITH FLUSH BRICK TRIM**

**PRODUCT CUT SHEETS**