

COOS COUNTY AIRPORT DISTRICT CONCOURSE CAPITAL IMPROVEMENT PROJECT

2348 COLORADO AVE, NORTH BEND
COOS COUNTY, OREGON

HGE
ARCHITECTS

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COOS BAY, OR 97420
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REGISTERED ARCHITECT
2840
JOSEPH A. SLACK
Joseph A. Slack
COOS BAY, OREGON
STATE OF OREGON



VICINITY PLAN

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PROJECT TEAM

ARCHITECT
HGE ARCHITECTS, INC
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MECHANICAL
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CONTACT: TAKAKO BAKER, P.E.

ELECTRICAL
DOUBLE 'E' ENGINEERING, LCC
PHONE: (541) 294-0587
CONTACT: GREG PRIDE

- NOTES:**
- SITE ACCESS AND FENCING CONTROL/MAINTENANCE OF SUCH BY OWNER.
 - AIRPORT CAN ACCOMMODATE ADDITIONAL STORAGE ON SITE.

PROJECT NO.: 24.012
**COOS COUNTY AIRPORT DISTRICT -
CONCOURSE CAPITAL IMPROVEMENT PROJECT**
COOS COUNTY AIRPORT DISTRICT
2348 COLORADO AVE
NORTH BEND, OR 97459

CONSTRUCTION DOCUMENTS

REVISIONS:	#	DATE	DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
COVER SHEET & SITE PLAN

A0.1

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2/25/2025 11:35:50 AM C:\Users\konrad\Documents\24.012 Coos County Airport District - Escalator Enclosure Improvements_kstuebgjgnrPAB9.rvt

CODE SUMMARY

APPLICABLE CODES:
 2022 OREGON STRUCTURAL SPECIALTY CODE
 2021 ENERGY EFFICIENCY SPECIALTY CODE (OEESC)
 2021 INTERNATIONAL ENERGY CONSERVATION CODE, ANSI 90.1-2019
 2023 OREGON ELECTRICAL SPECIALTY CODE (OESC)
 2022 OREGON MECHANICAL SPECIALTY CODE (OMSC)

RENOVATION:

SQUARE FOOTAGE: 1,846
 BUILDING OCCUPANCY TYPE: A-3
 CONSTRUCTION TYPE: II-B
 SPRINKLER SYSTEM, CONTINUED FROM EXISTING TERMINAL
 SEMIHEATED SPACE PER ANSI 90.1-2019
 2023 USDA HARDINESS ZONES 9

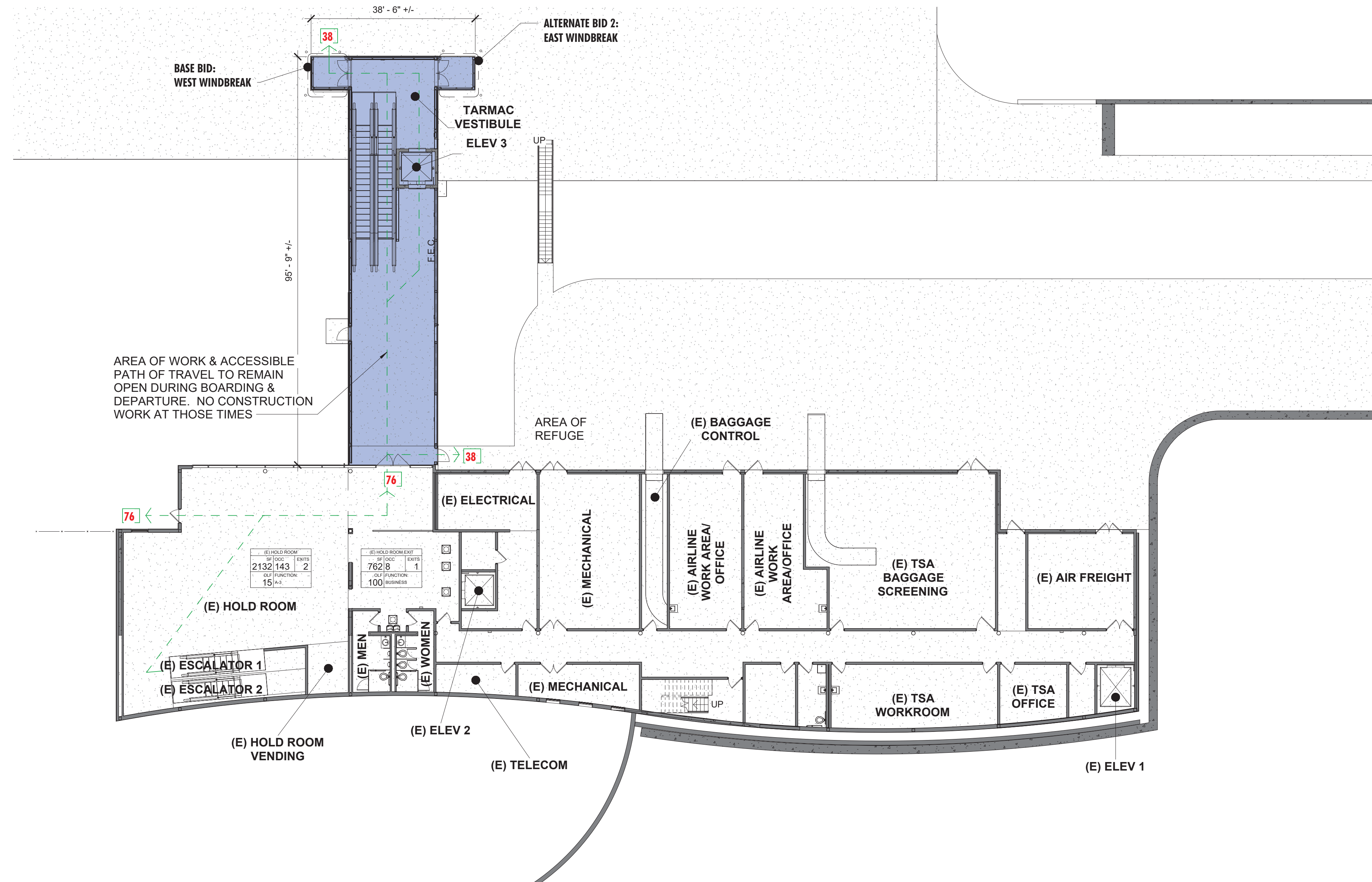
EXISTING TERMINAL CODE SUMMARY:
 FROM INTERNATIONAL BUILDING CODE (IBC) 2003, OSSC WITH 2004 OREGON AMENDMENTS

BUILDING OCCUPANCY TYPE: A-3
 CONSTRUCTION TYPE: II-B
 SPRINKLERED

- A STRUCTURAL FRAME
 1 BEAMS - NON-RATED
 2 COLUMNS - NON-RATED
 B EXTERIOR WALLS
 1 BEARING - 1-HOUR (NON-RATED WITH SPRINKLERS)
 2 NON-BEARING - NON-RATED
 C FLOORS - 1-HOUR (NON RATED WITH SPRINKLERS)
 D ROOFS AND ROOFS/CEILINGS - NON-RATED
 E INTERIOR BEARING WALLS - 1-HOUR (NON RATED WITH SPRINKLERS)
 F SHAFT PROTECTION
 1 SHAFT ENCLOSURES PENETRATING MORE THAN ONE FLOOR WILL BE PROVIDED WITH 1-HOUR PROTECTION WITH 3/4-HOUR OPENINGS
 2 EXIT ENCLOSURES - 1-HOUR WITH 3/4-HOUR OPENINGS MEETING TEMPERATURE RISE CRITERIA DESCRIBED IN OSSC SECTION 1005.3.3.5

LEGEND

TOTAL OCCUPANT PER EXIT 38
 OCCUPANT LOAD EXITING PATH ← —



1 OVERALL LOWER FLOOR PLAN
 1/16" = 1'-0"

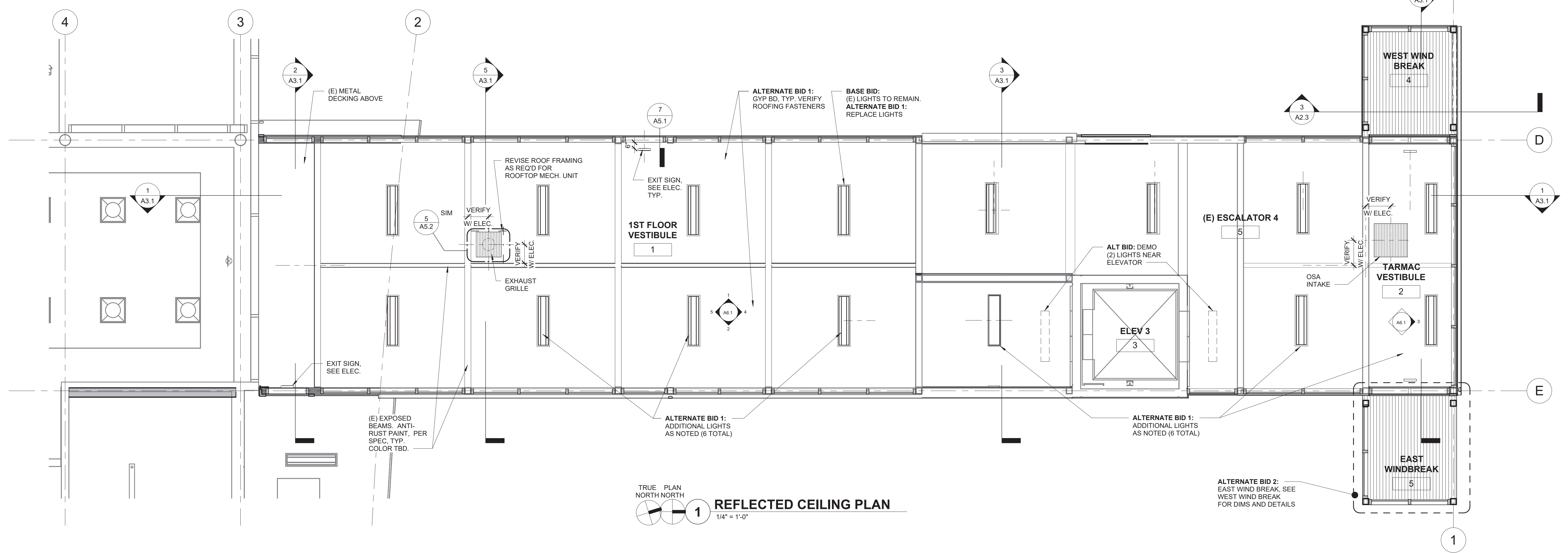
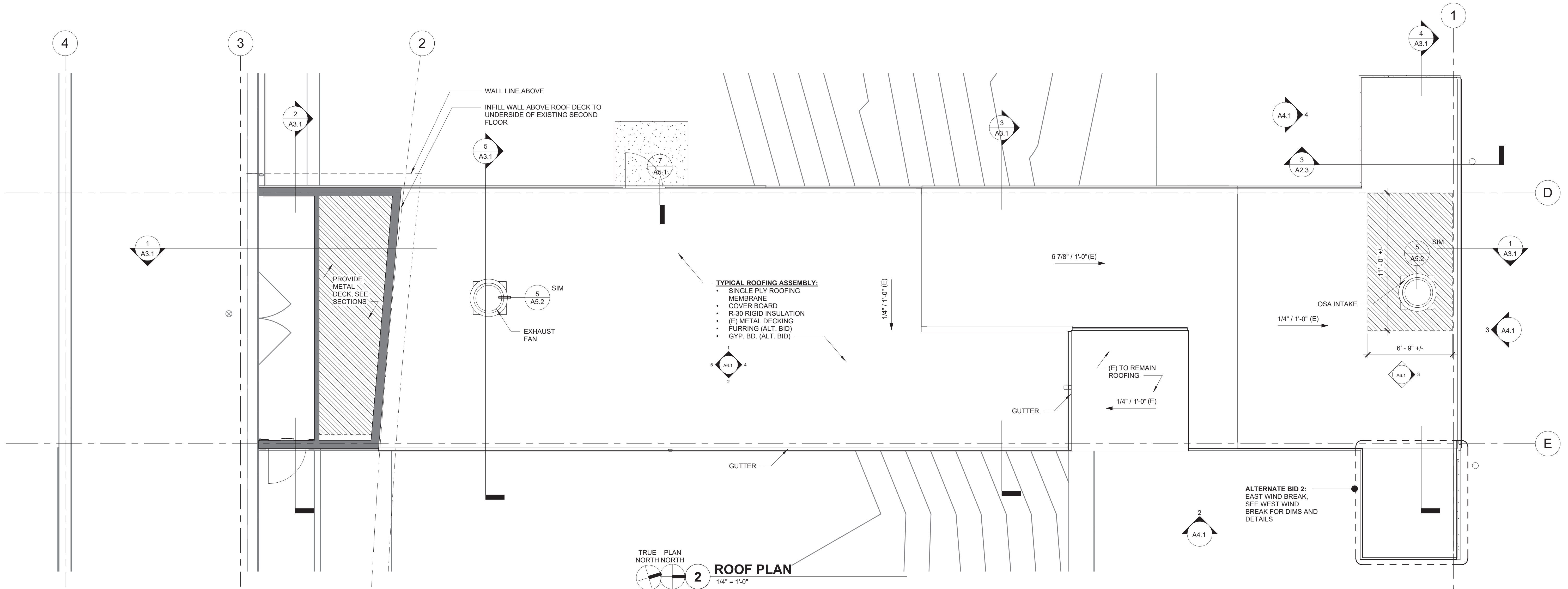
CONSTRUCTION DOCUMENTS

REVISIONS:
 # DATE DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
OVERALL / CODE PLAN

A0.2



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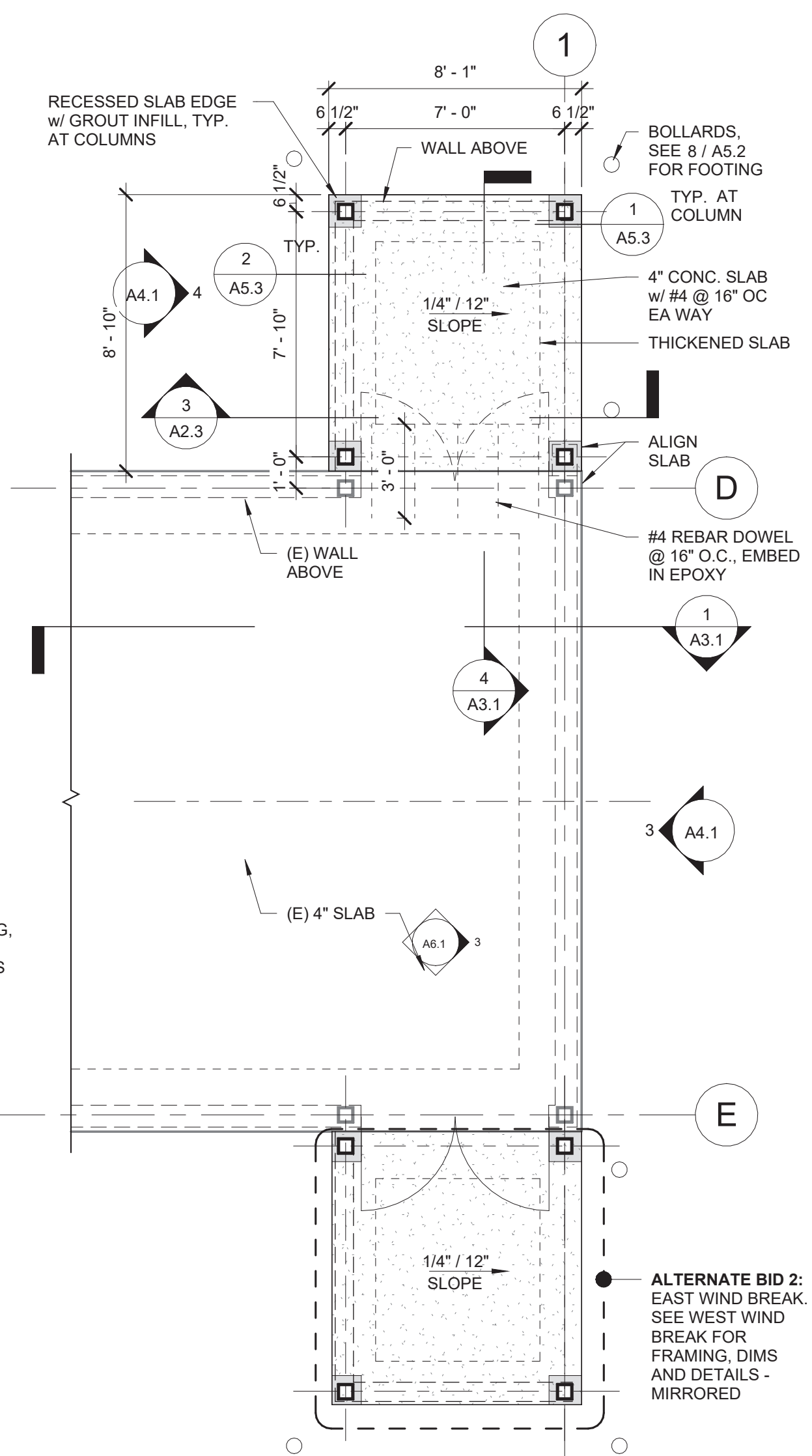
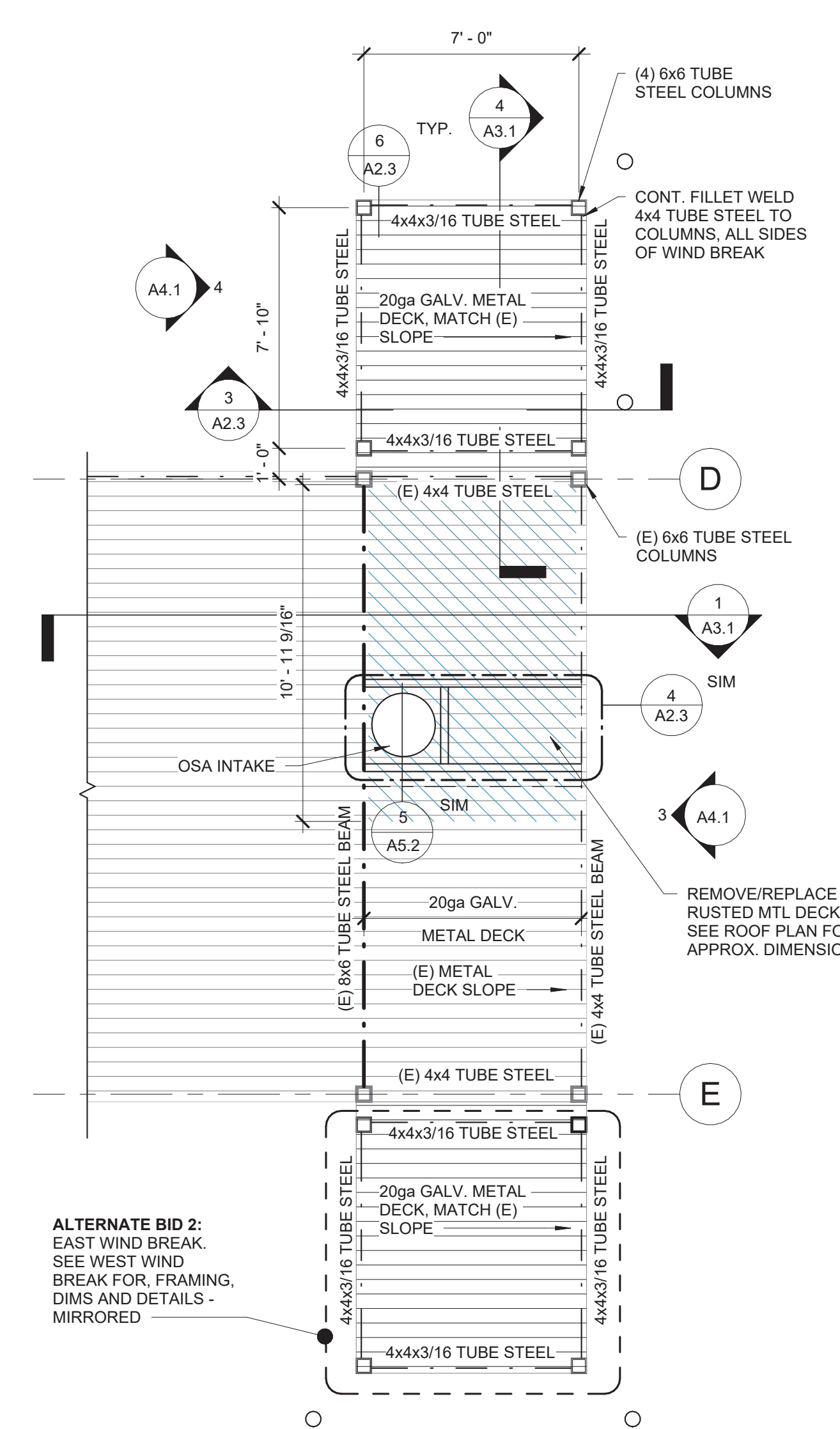
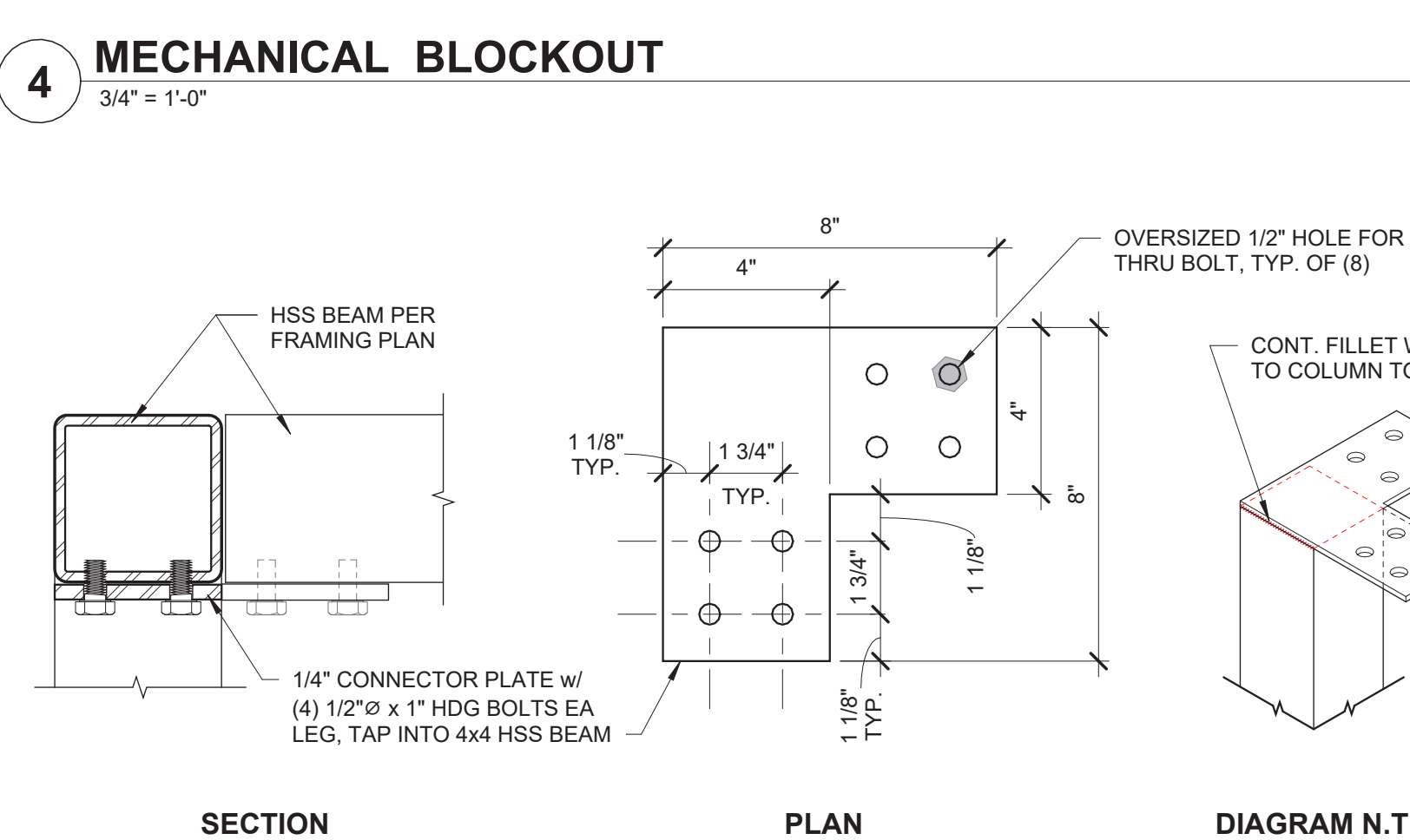
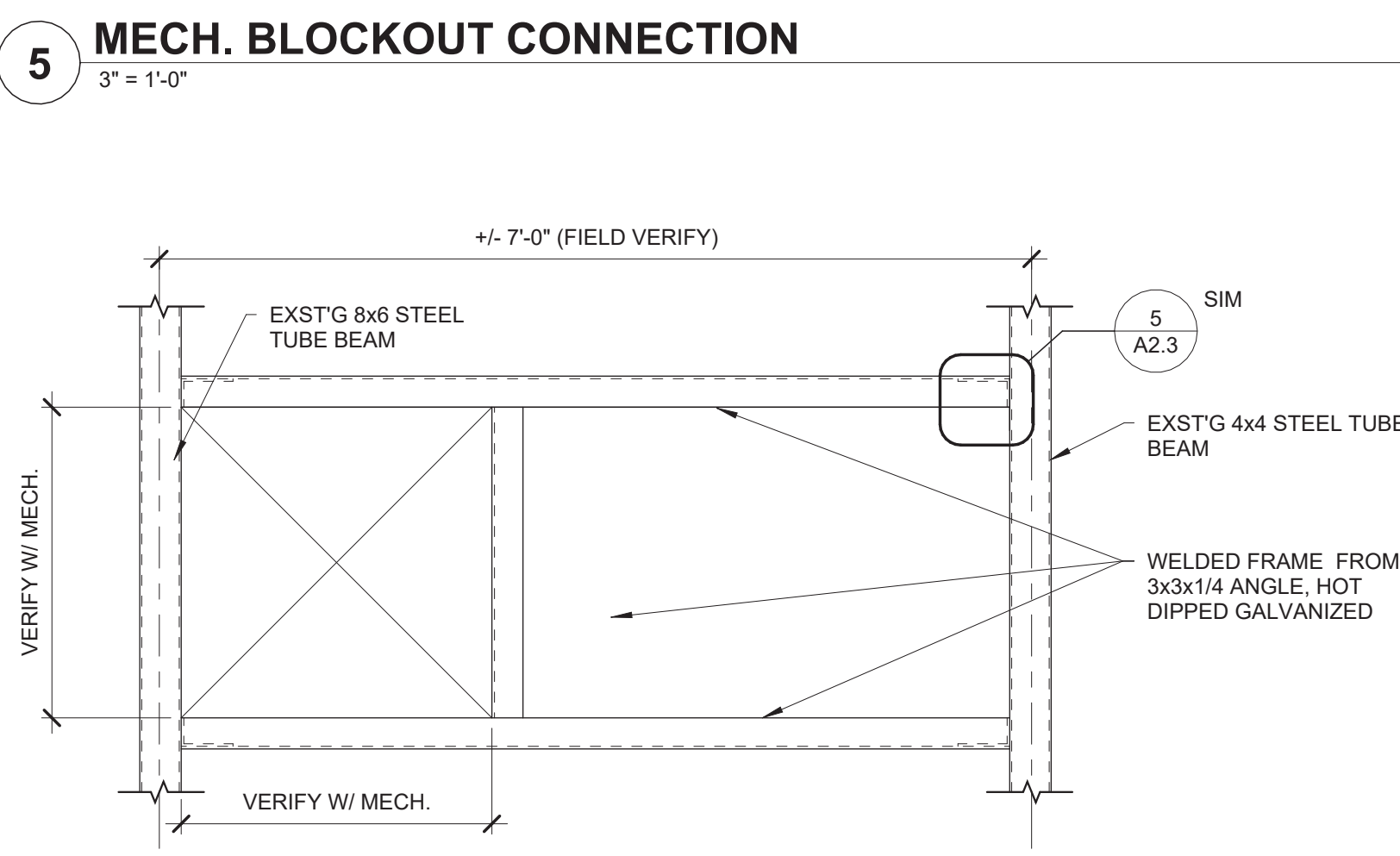
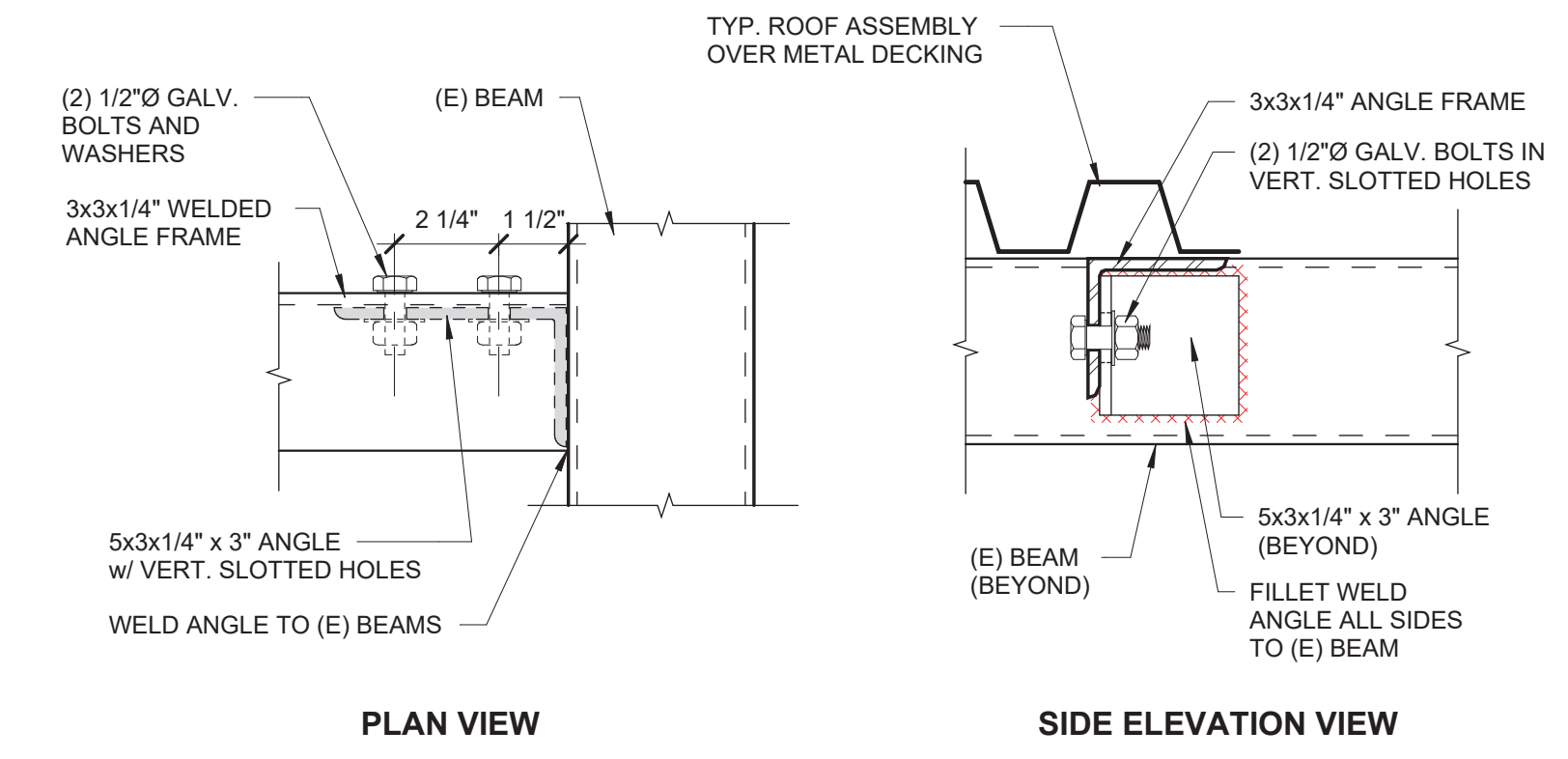
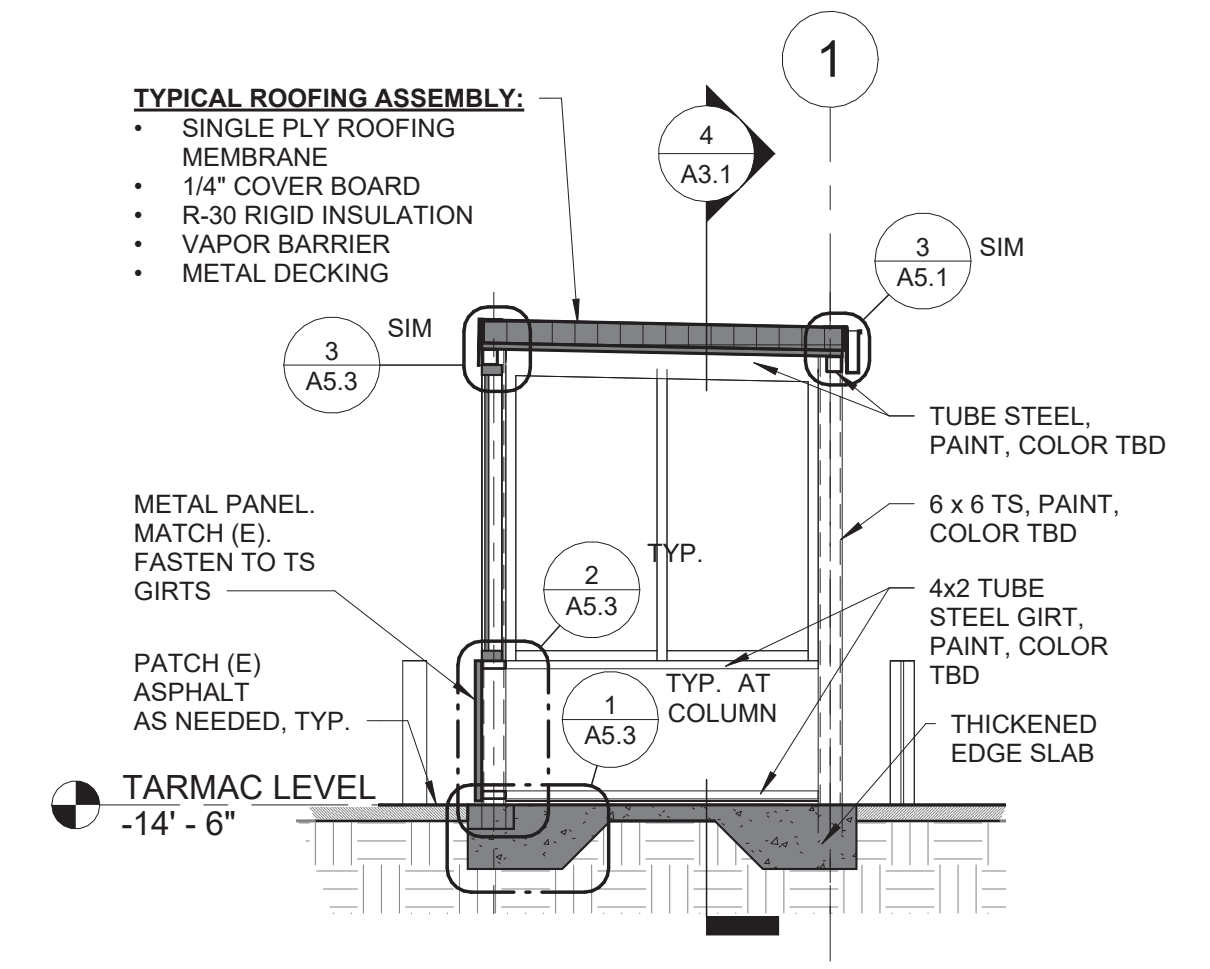
CONSTRUCTION DOCUMENTS

REVISIONS:
DATE DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
WIND BREAK FOUNDATION & FRAMING PLANS, SECTION

A2.3



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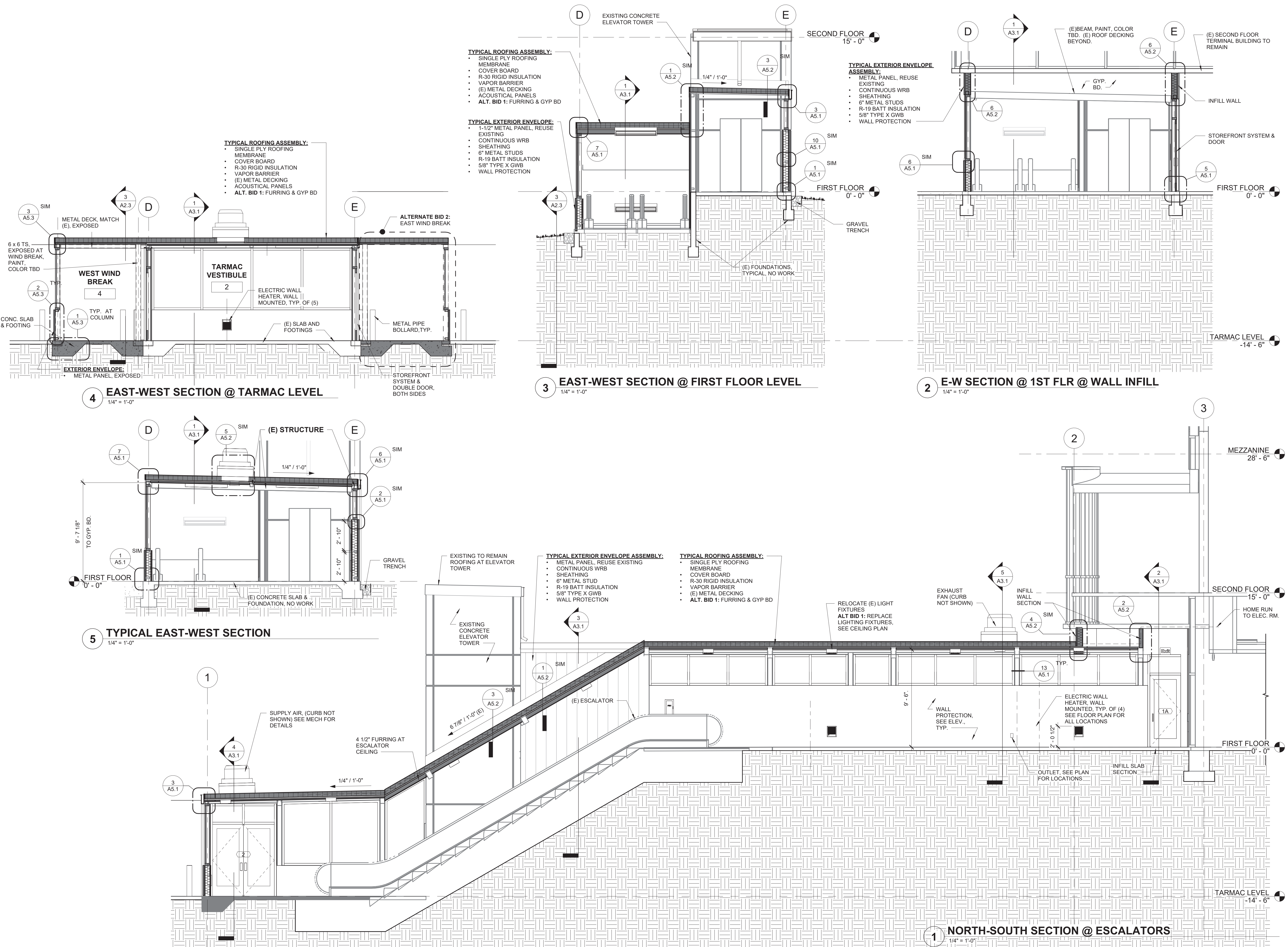
CONSTRUCTION DOCUMENTS

REVISIONS:
DATE DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
BUILDING SECTIONS

A3.1



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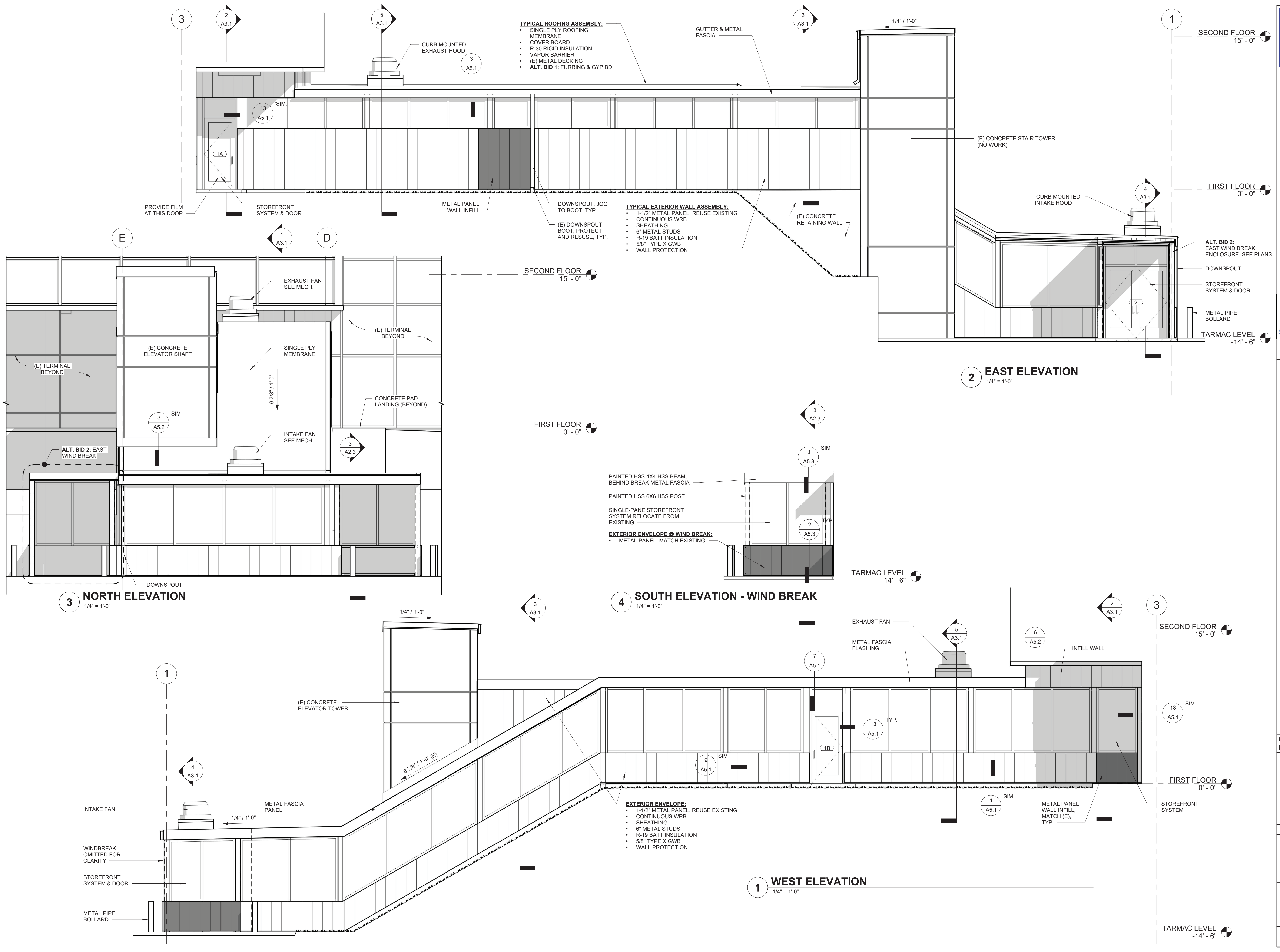
CONSTRUCTION DOCUMENTS

REVISIONS:
DATE DESCRIPTION

DATE: FEBRUARY 2025

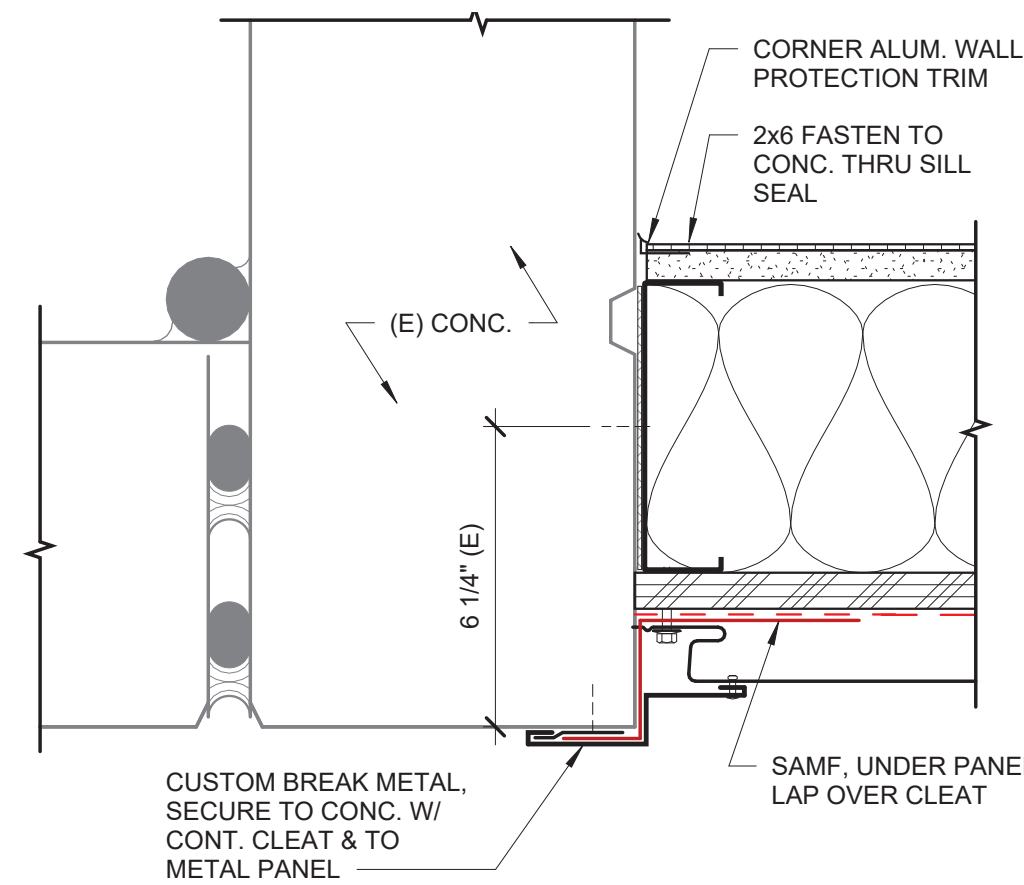
SHEET TITLE:
BUILDING ELEVATIONS

A4.1

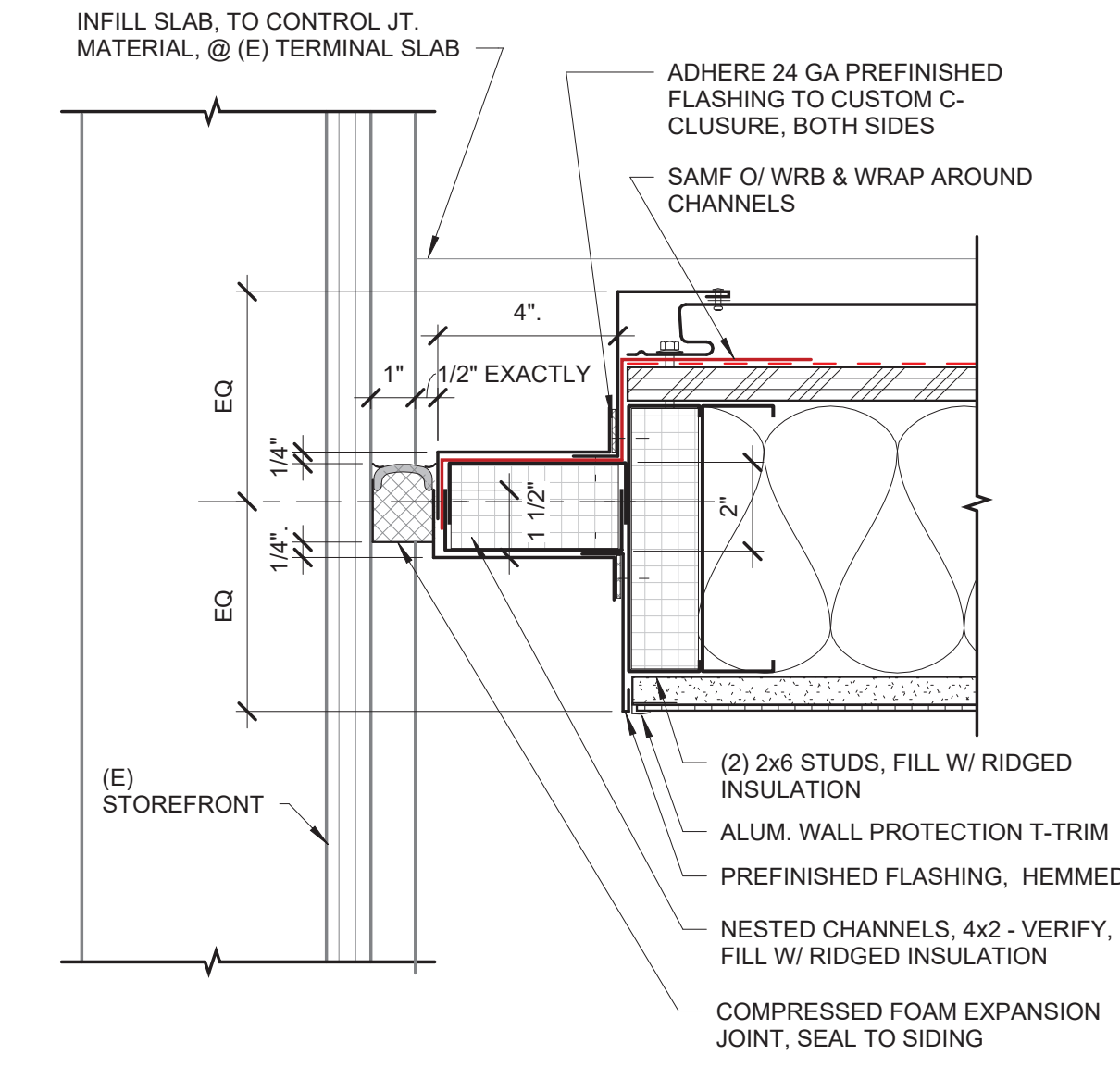


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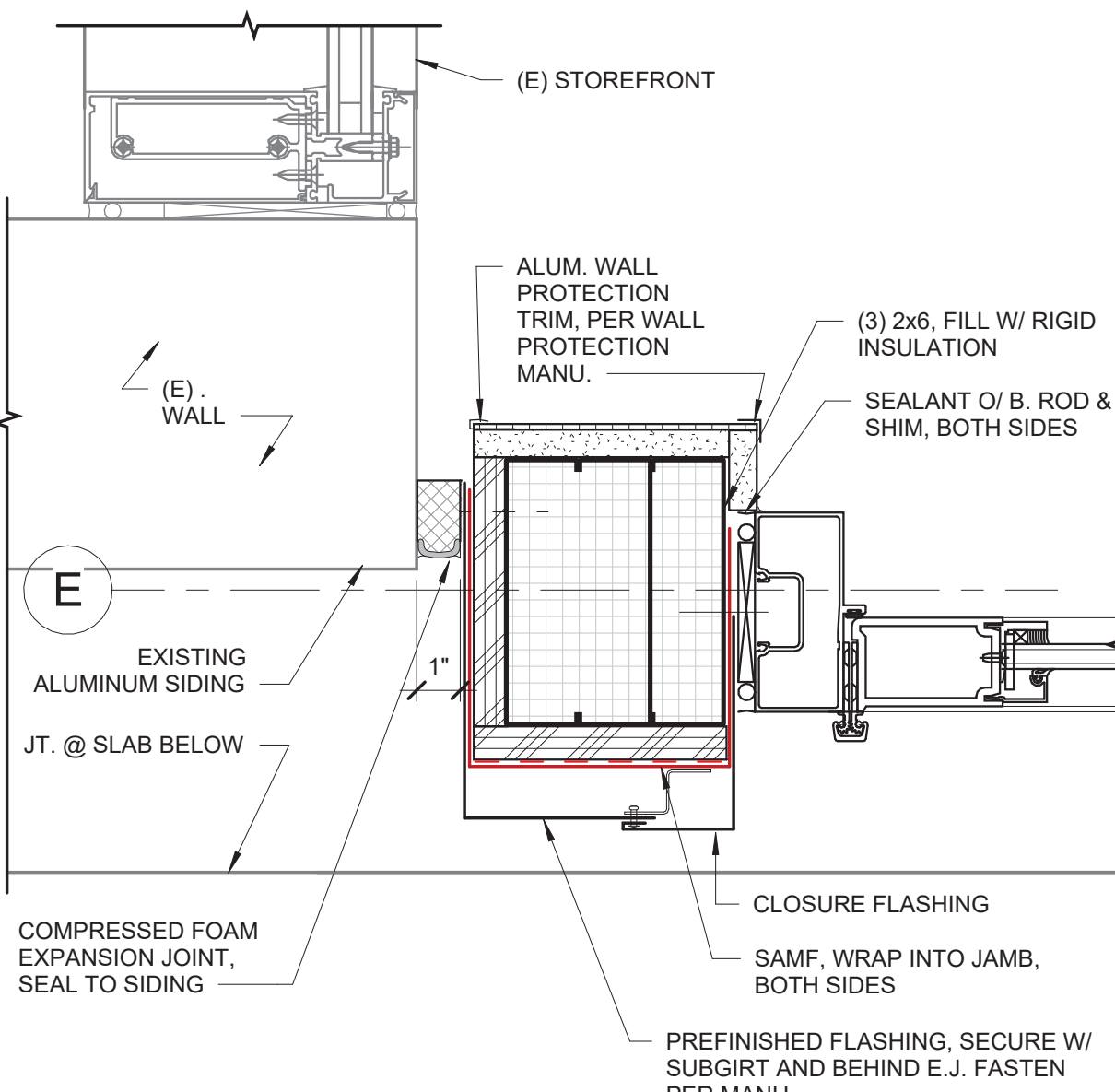
- TYPICAL DETAIL NOTES:**
1. FASTEN & SEAL METAL PANELS PER MANUFACTURE
 2. DO NOT REUSE PANEL CLOSURES AND FASTENERS
 3. ALL METAL FLASHING IS TO BE PREFINISHED, U.N.O. MATCH METAL PANEL FINISH, COLOR AND GAUGE
 4. SEE SECTIONS FOR WALL AND ROOF ASSEMBLY INFO



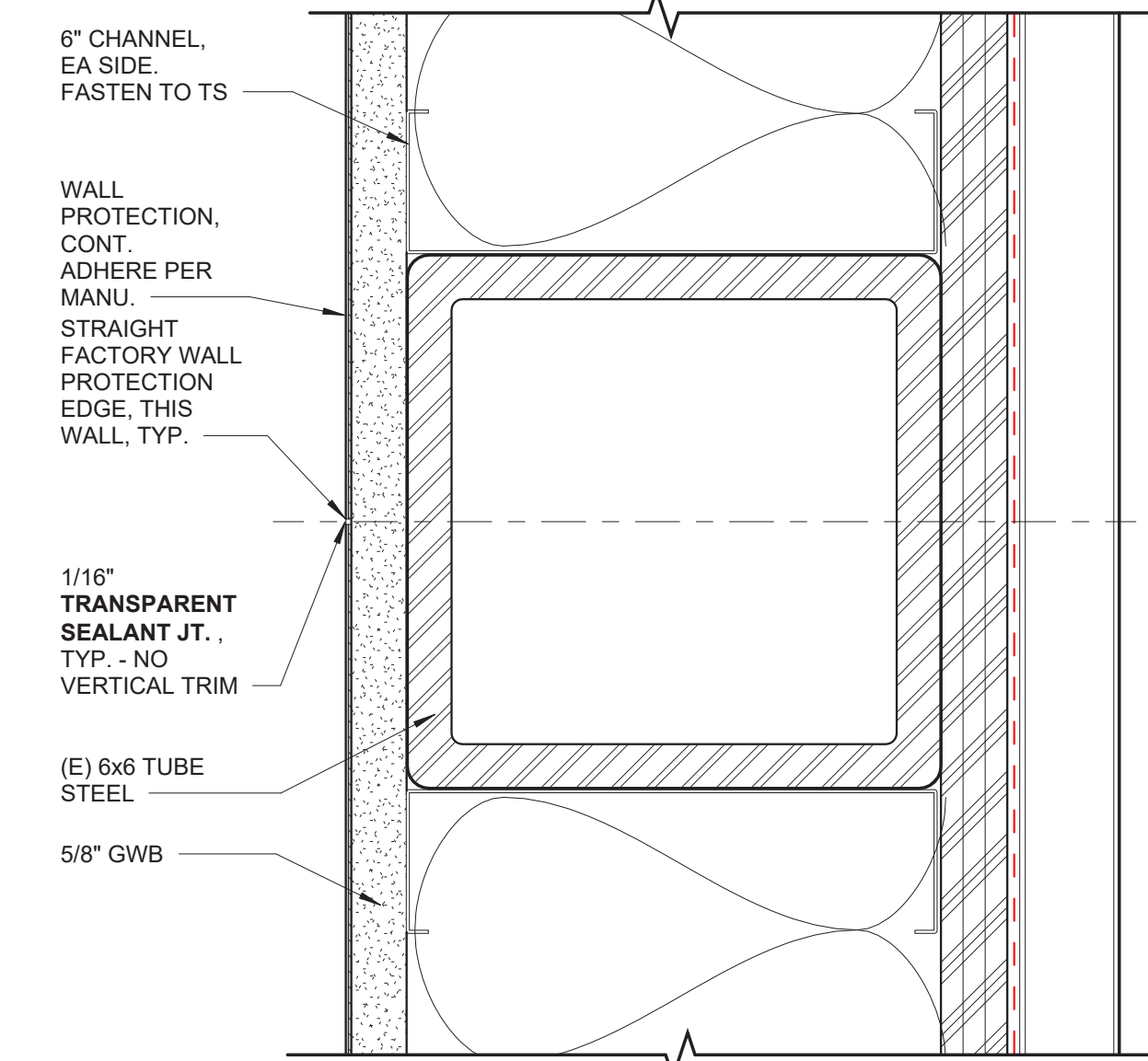
19 METAL PANEL @ ELEVATOR, PLAN
3\"/>



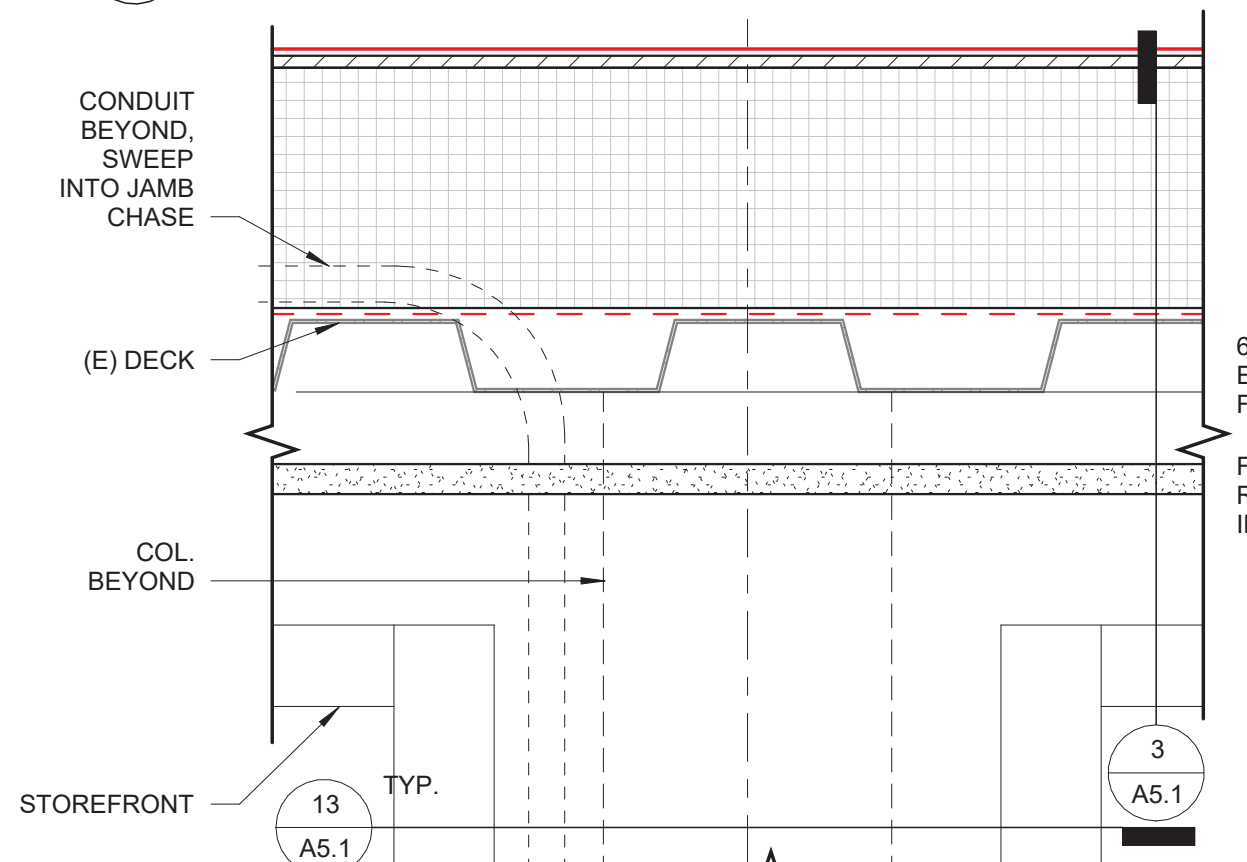
18 WALL @ (E) TERMINAL STOREFRONT
3\"/>



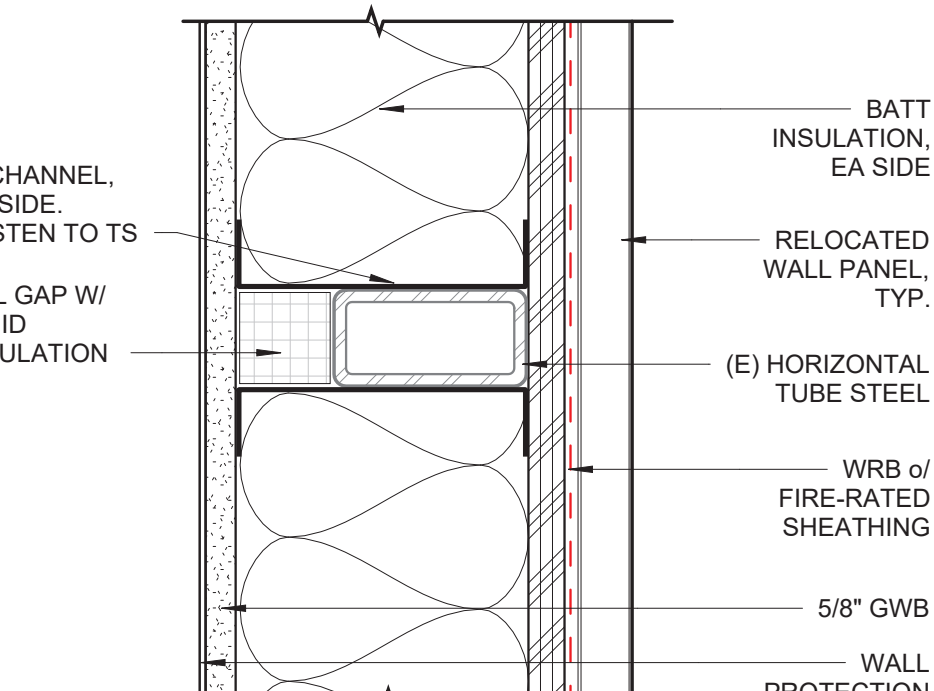
17 (E) TERMINAL BLDG @ STOREFRONT JAMB
3\"/>



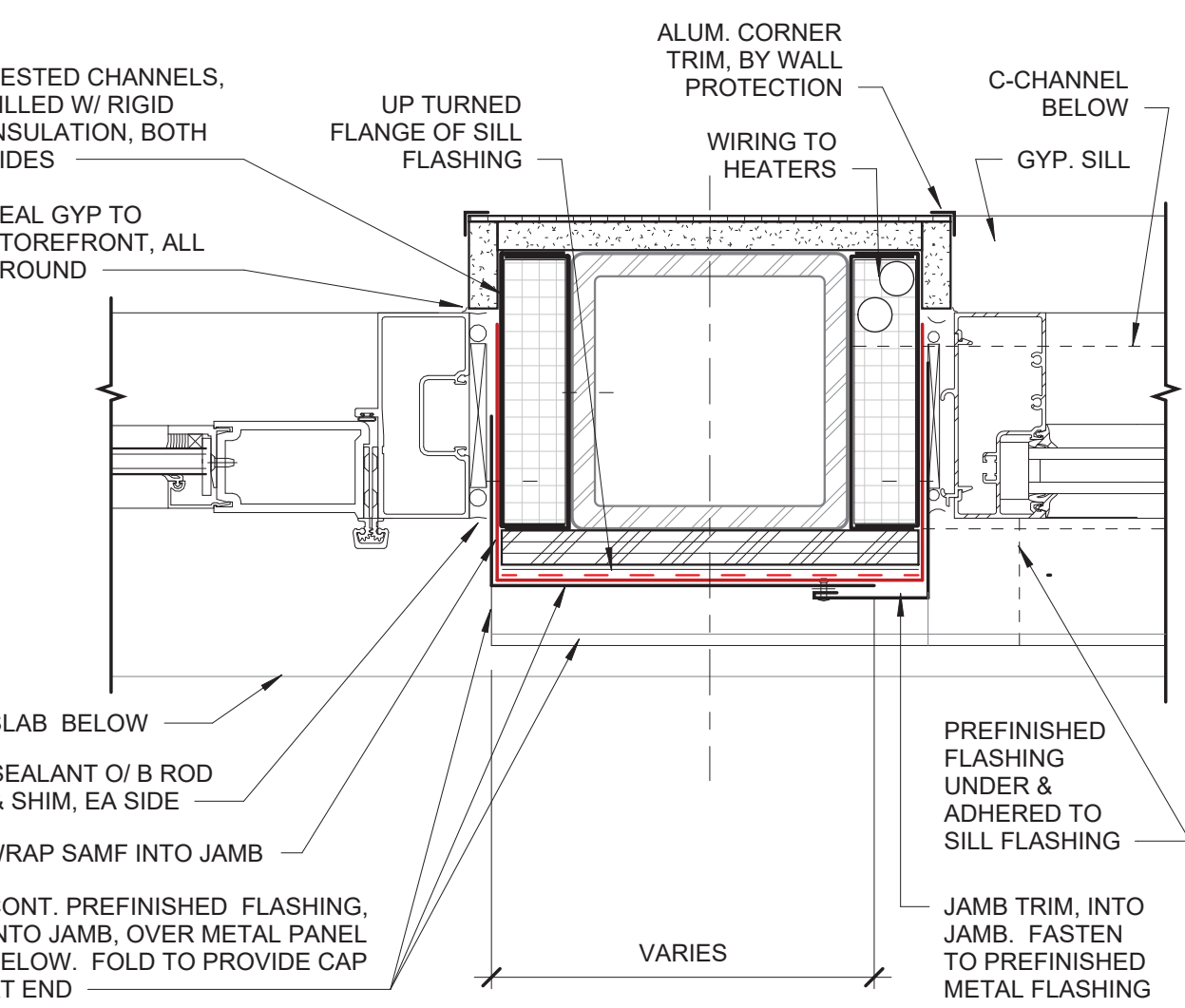
15 WALL PROTECTION DETAILS
6\"/>



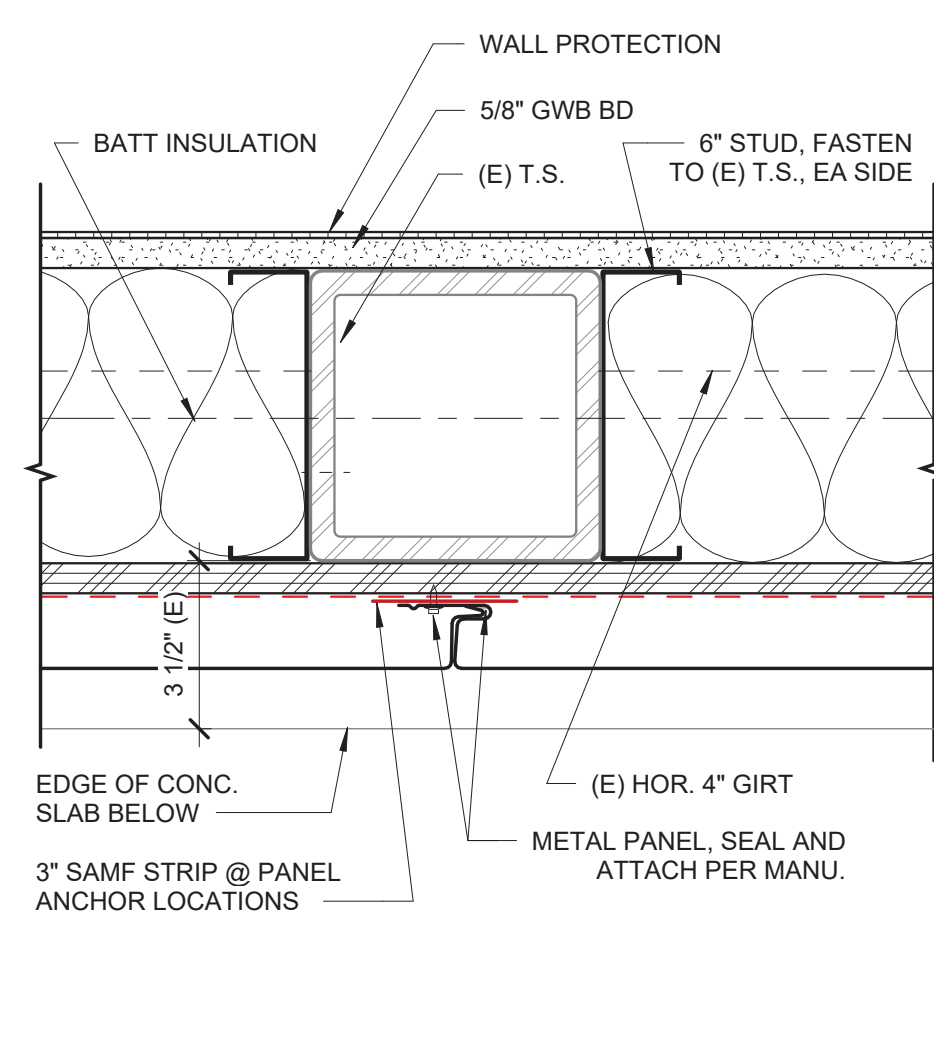
14 COLUMN ELEVATION @ ROOF
3\"/>



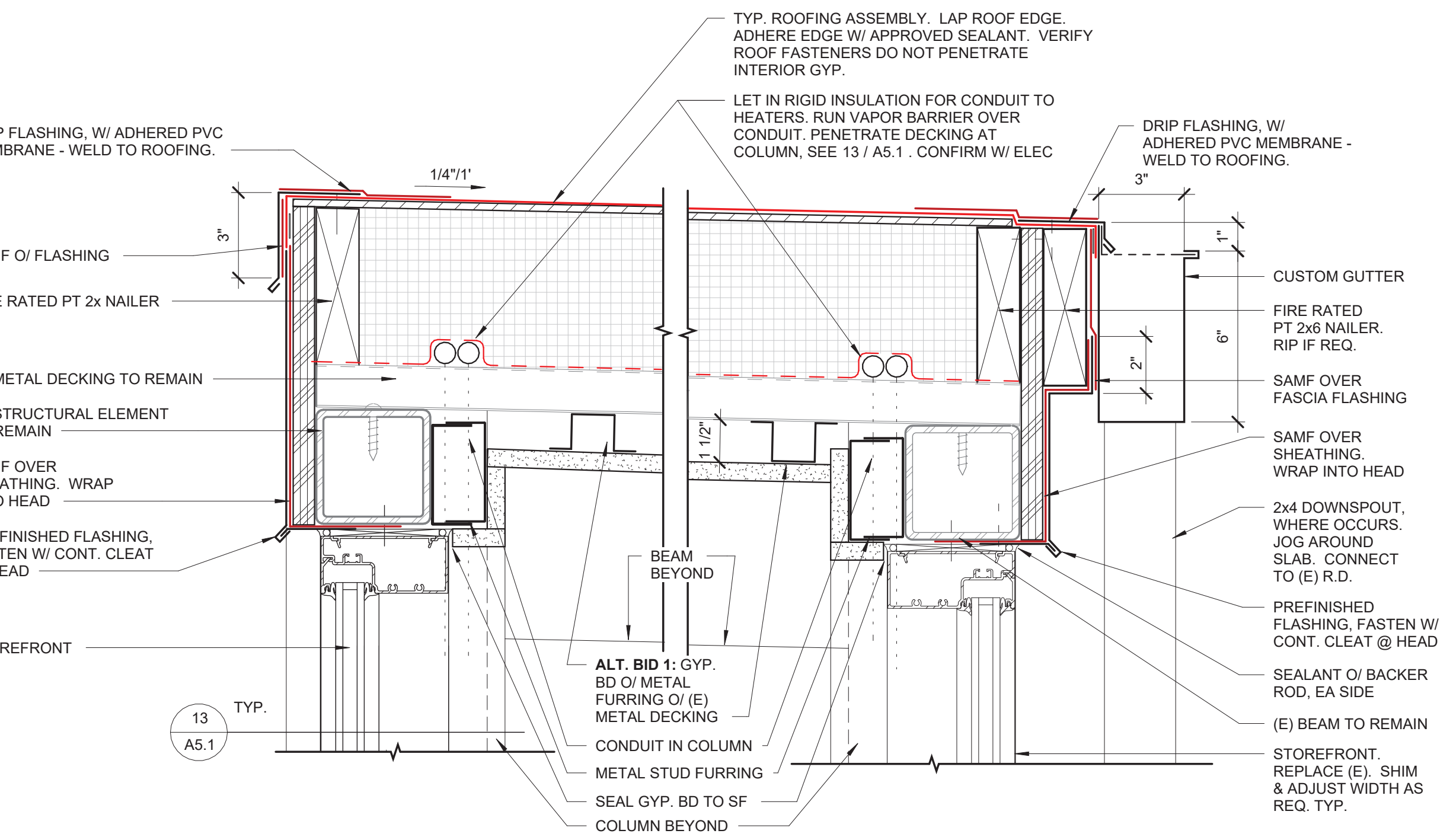
10 AT (E) HORIZ. TUBE STEEL BRACING
3\"/>



13 STOREFRONT JAMB @ COLUMN
3\"/>

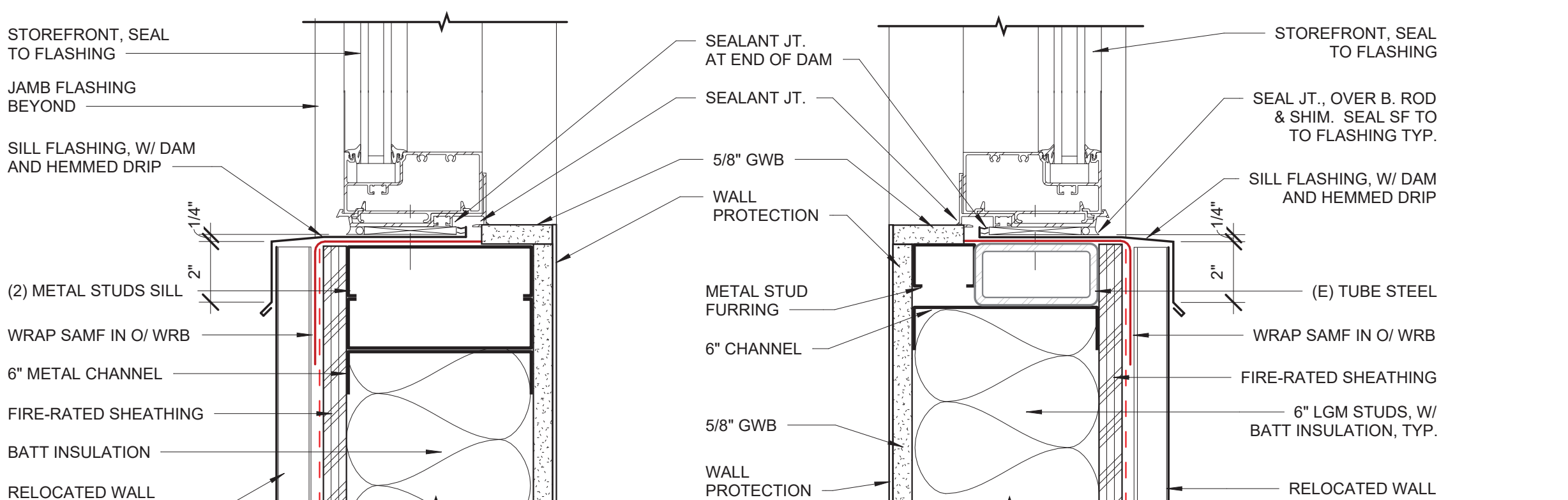


9 COLUMN @ METAL PANEL, PLAN
3\"/>



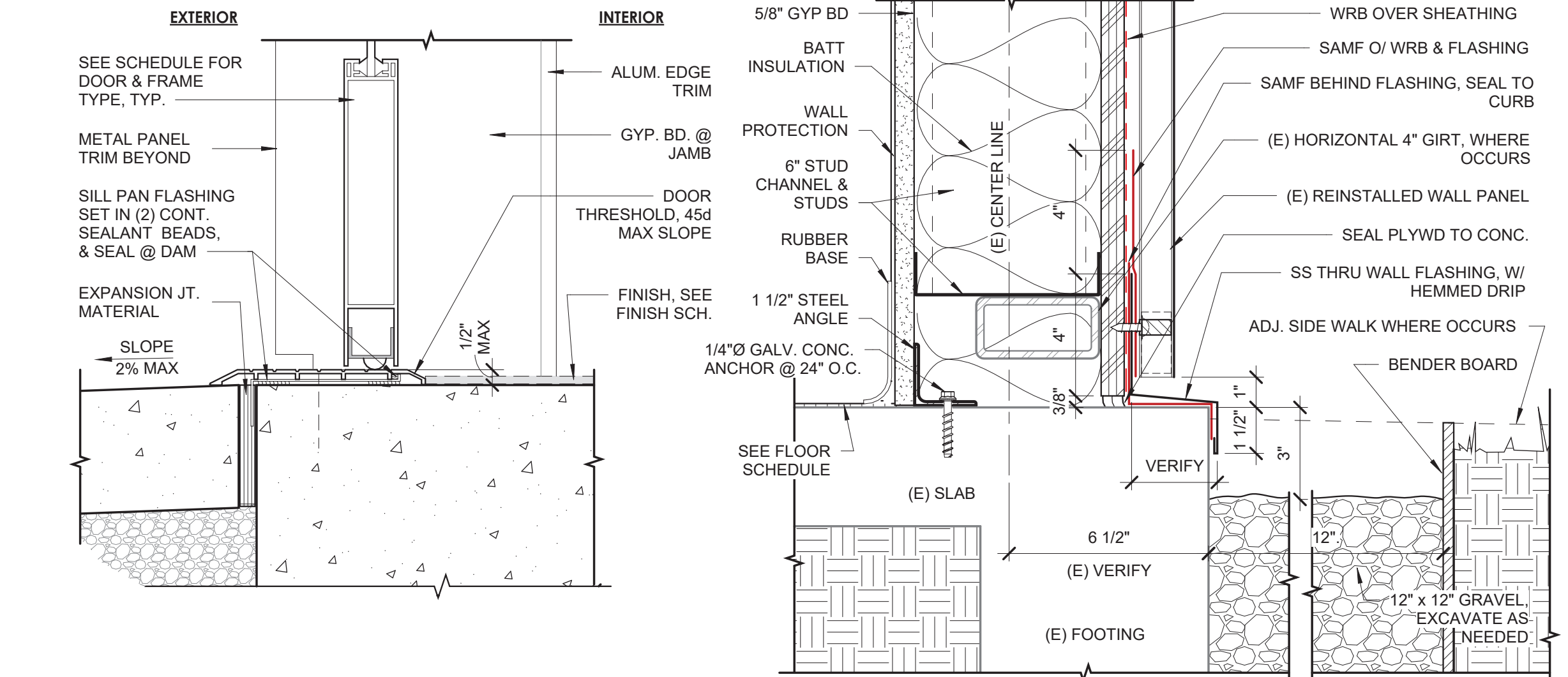
7 HIGH ROOF EDGE @ STOREFRONT
3\"/>

3 LOW ROOF EDGE
3\"/>



6 STOREFRONT SILL @ METAL PANEL INFILL
3\"/>

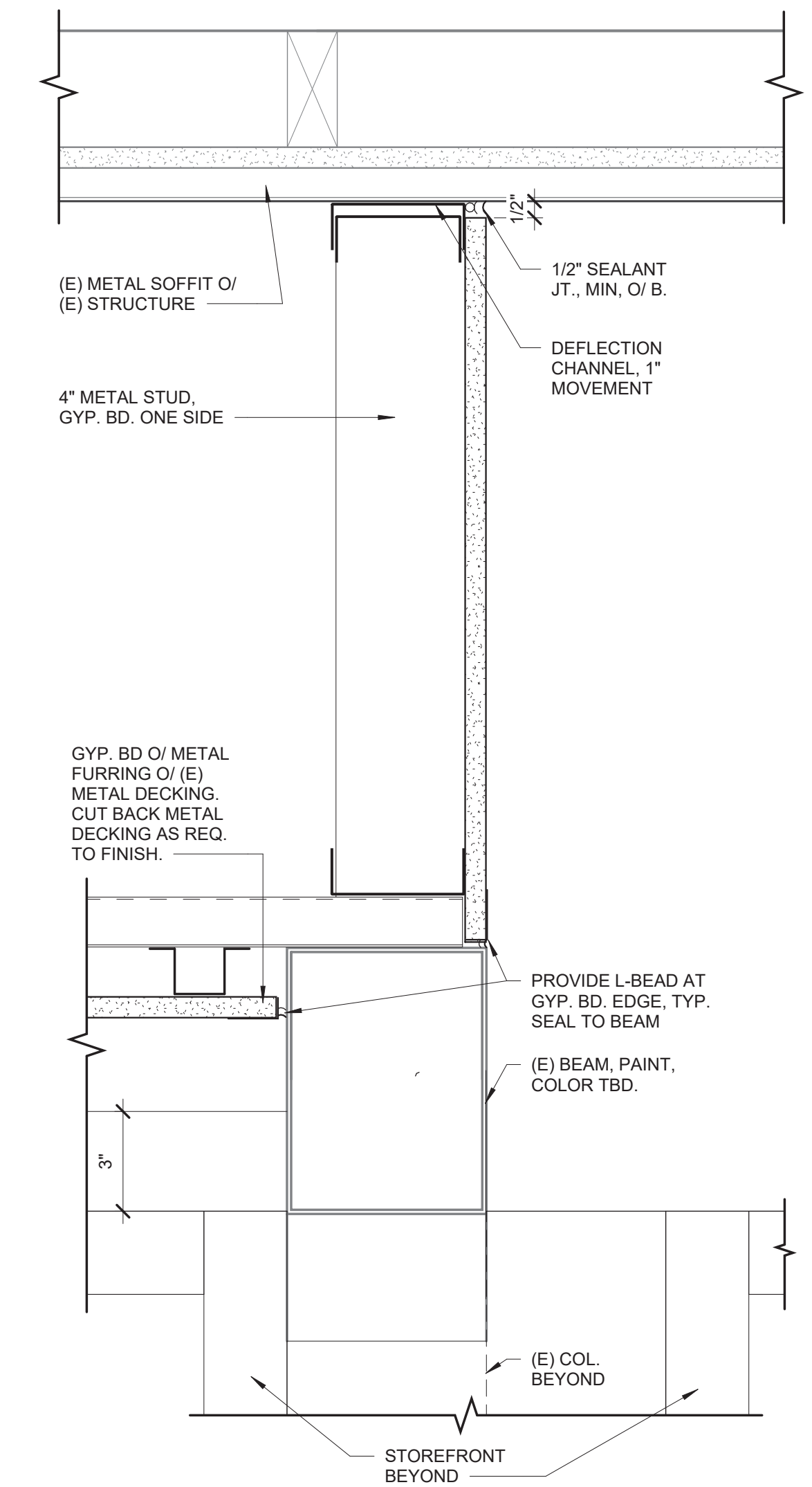
2 STOREFRONT SILL @ METAL PANEL
3\"/>



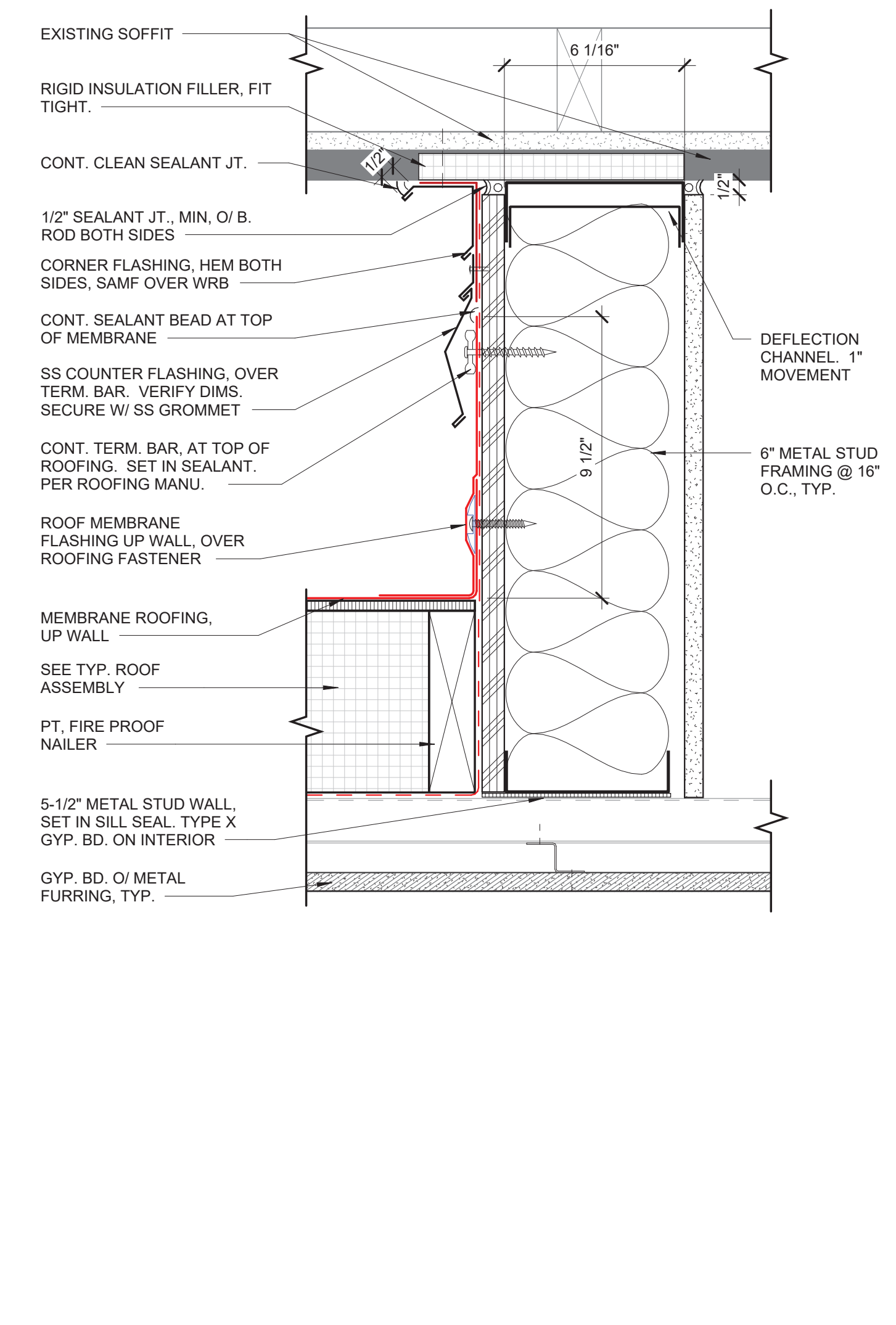
5 STOREFRONT THRESHOLD
3\"/>

1 METAL PANEL WALL BASE
3\"/>

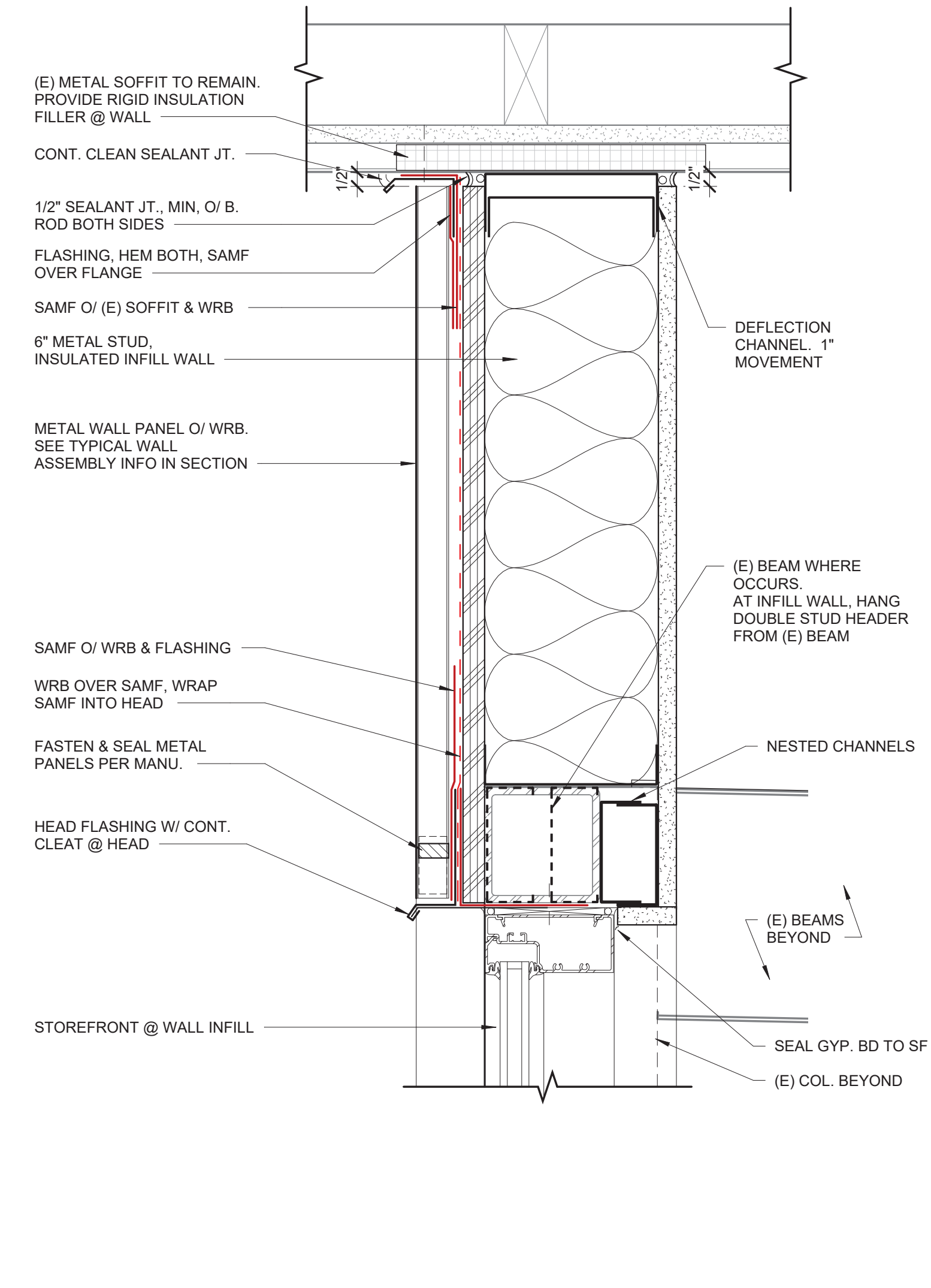
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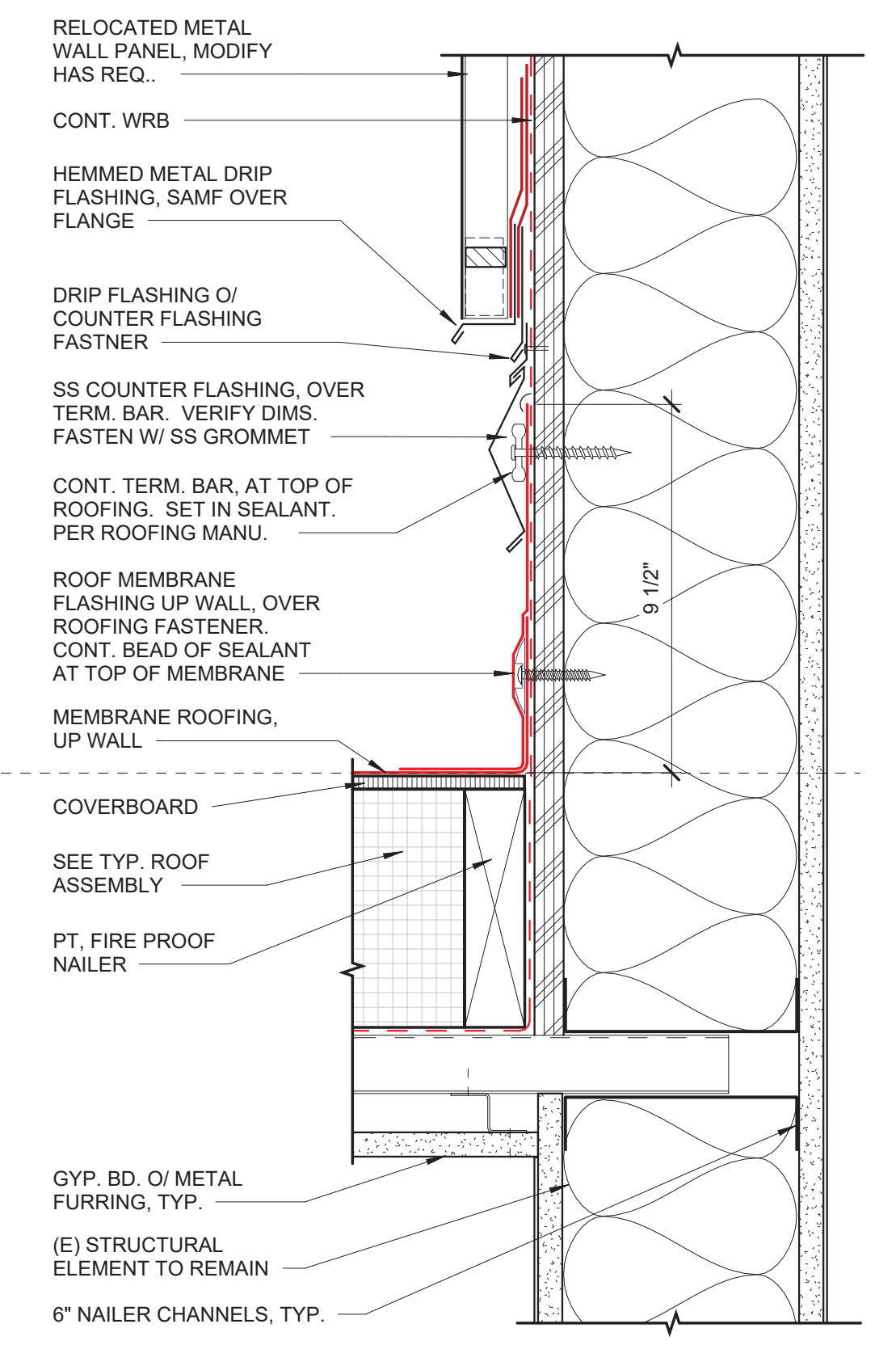
2 INFILL WALL @ 4x6 BEAM
3' = 1'-0"



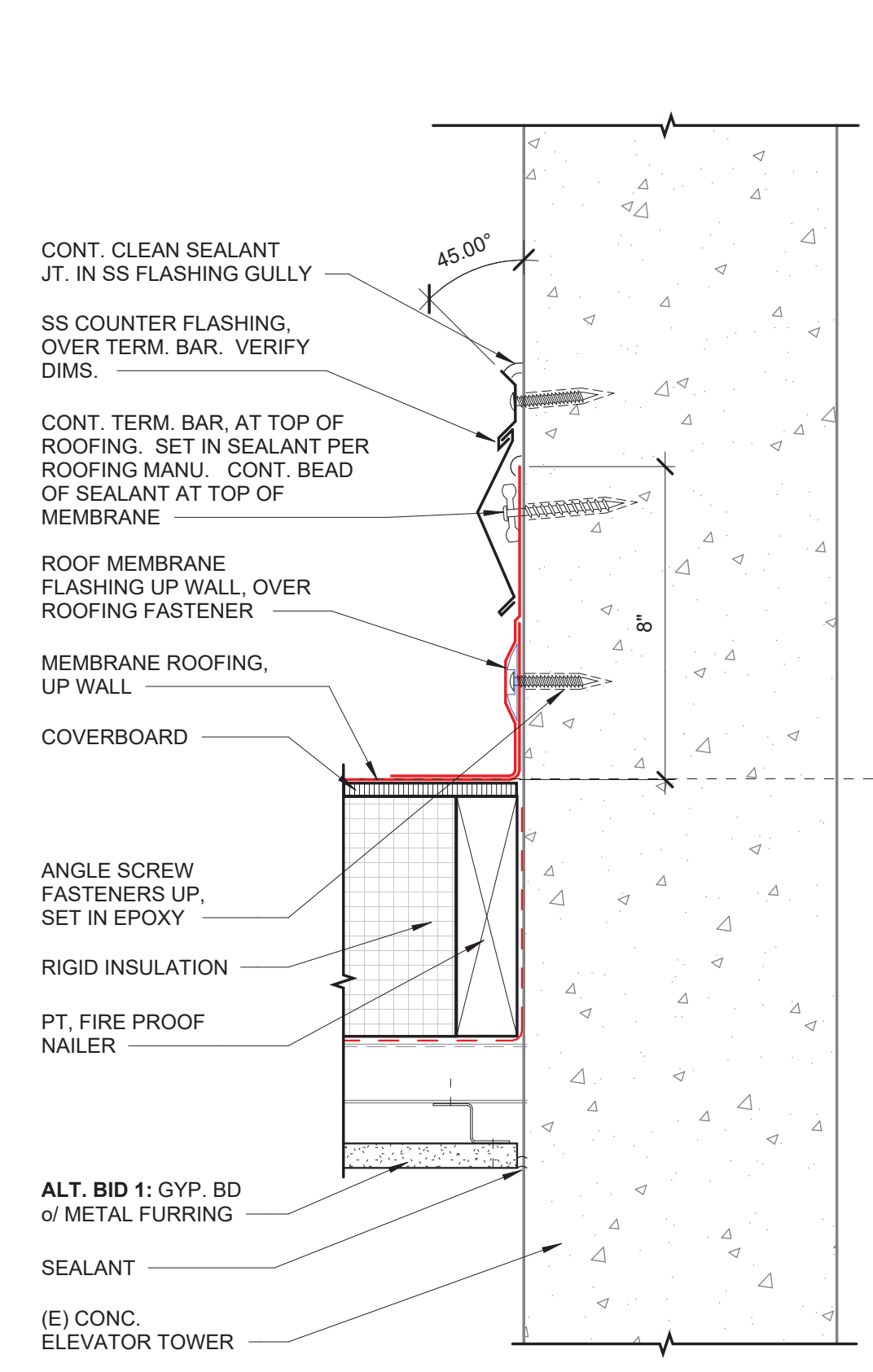
4 INFILL WALL @ ROOF
3' = 1'-0"



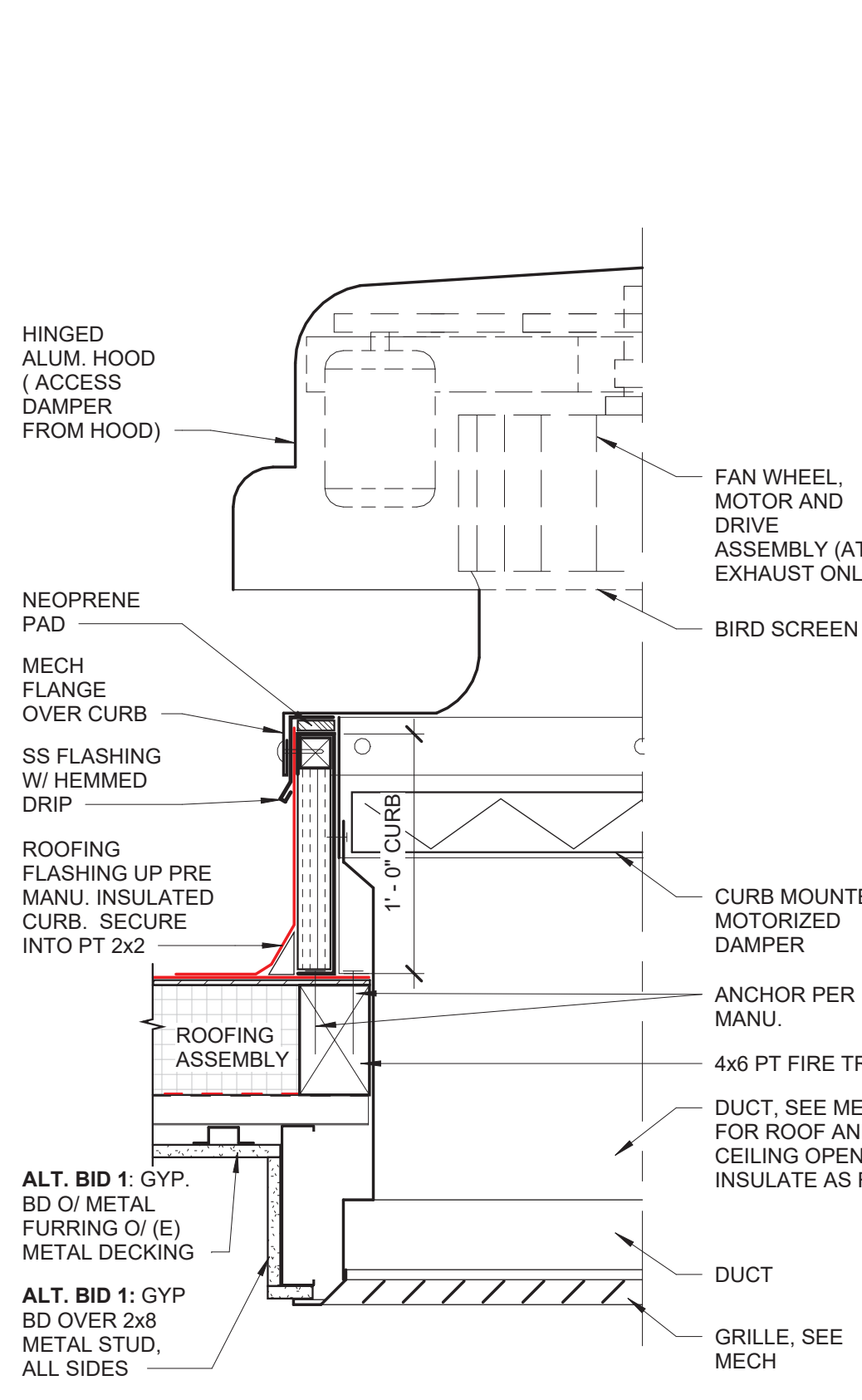
6 INFILL WALL @ STOREFRONT
3' = 1'-0"



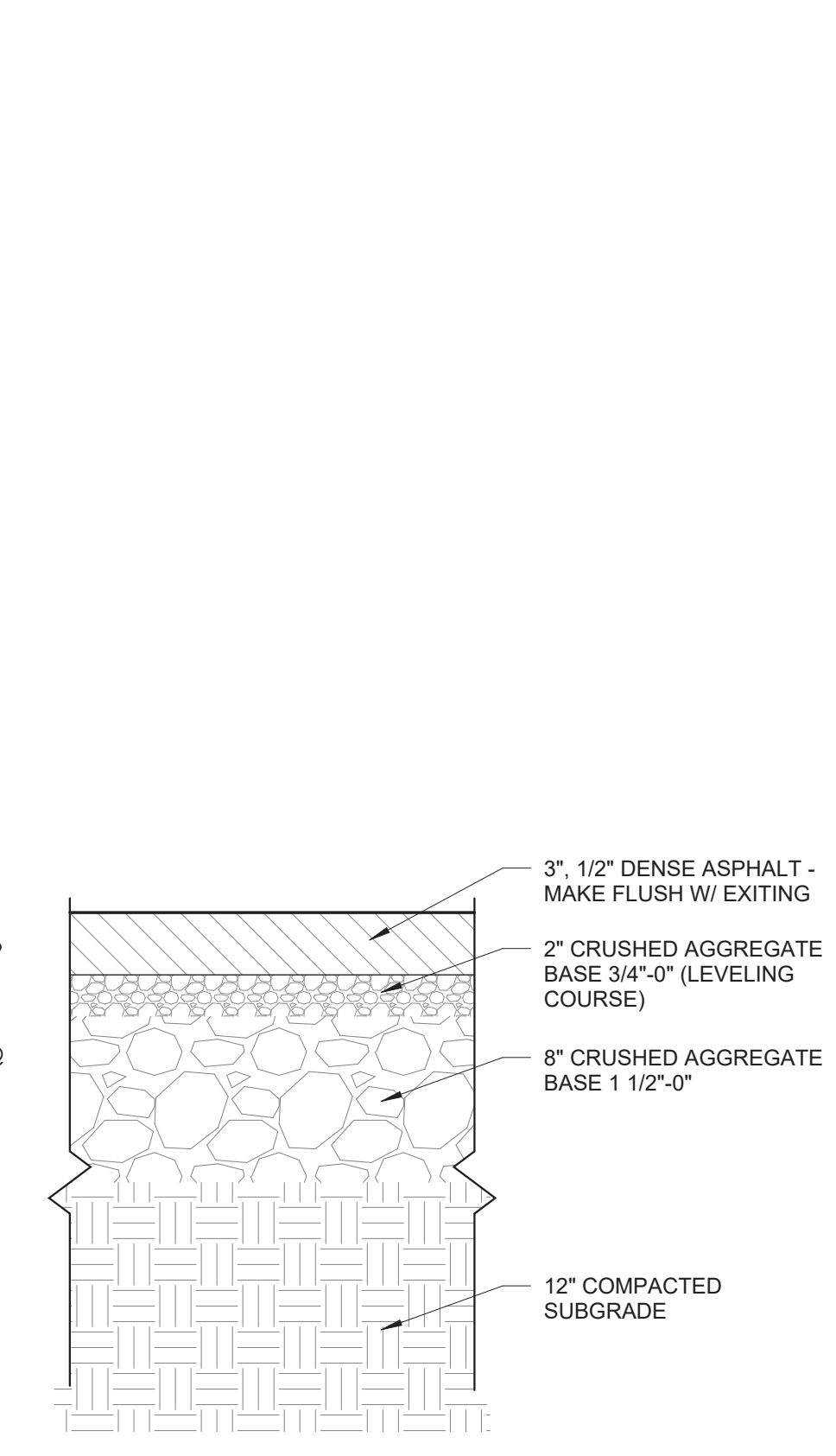
1 METAL PANEL @ ROOF
3' = 1'-0"



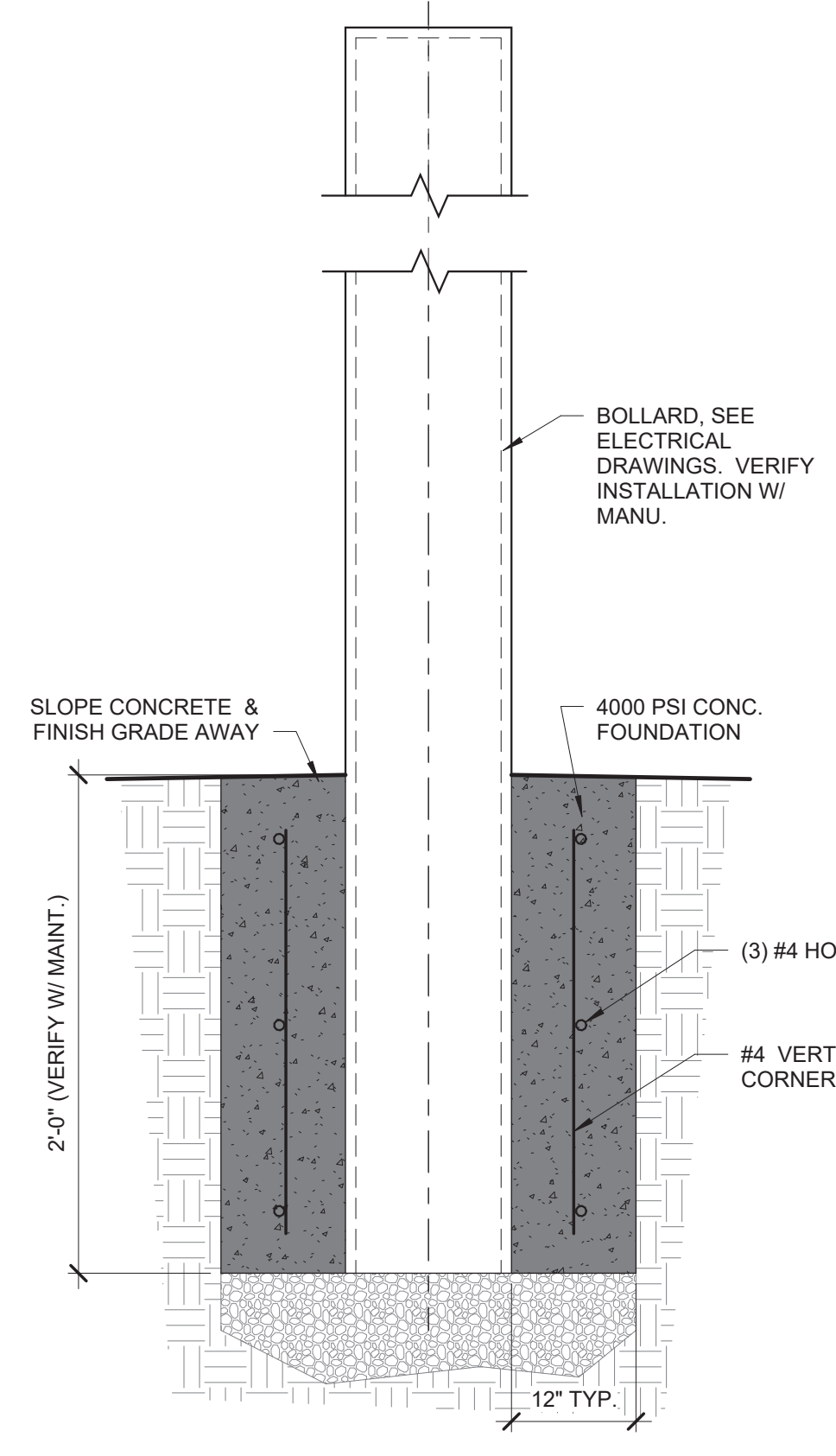
3 ROOF TRANSITION @ ELEV. TOWER
3' = 1'-0"



5 EXHAUST ON ROOF CURB
1 1/2\"/>



7 ASPHALT PATCHING
1 1/2\"/>



8 BOLLARD
1 1/2\"/>

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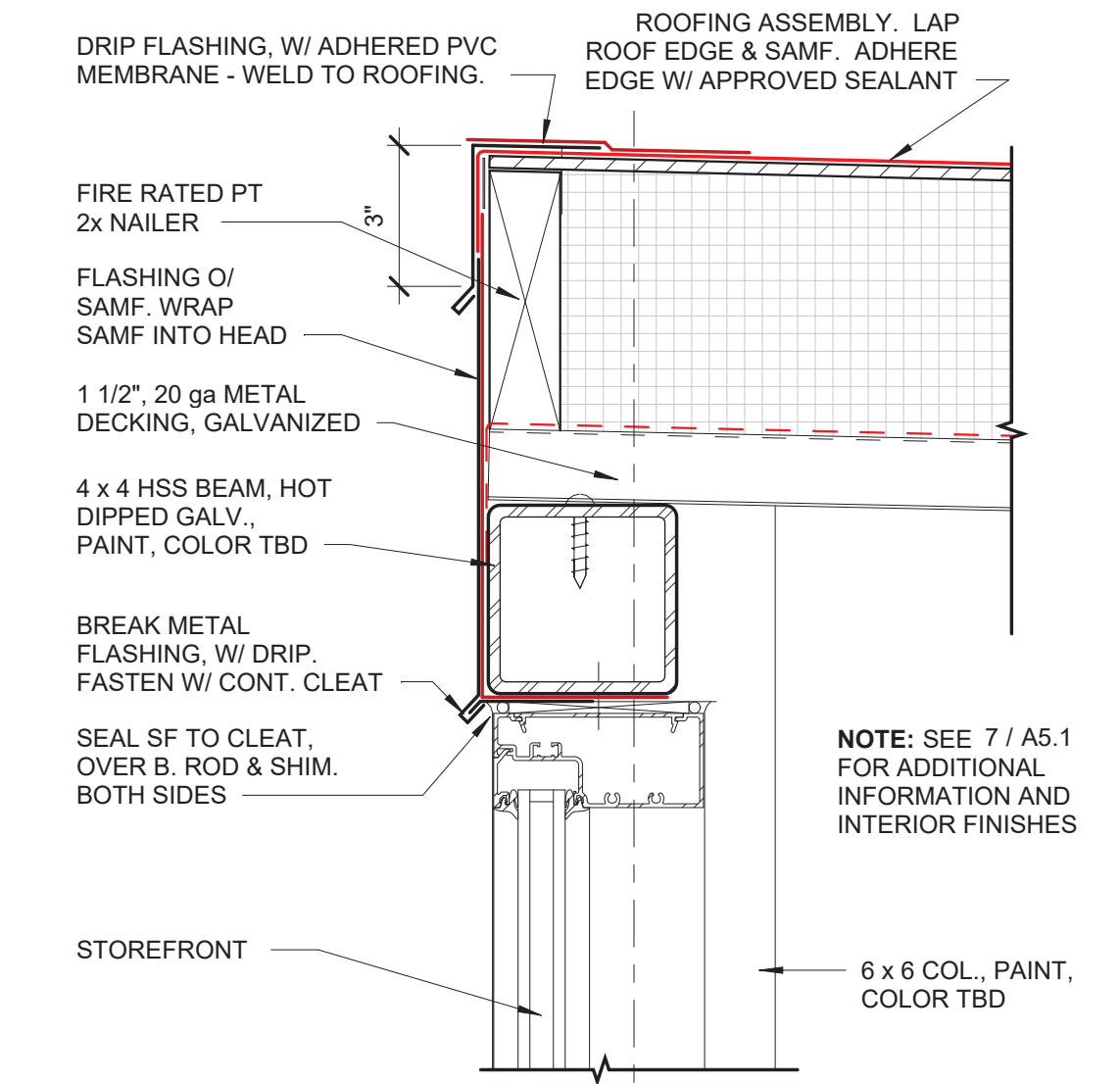
CONSTRUCTION DOCUMENTS

REVISIONS:
DATE DESCRIPTION

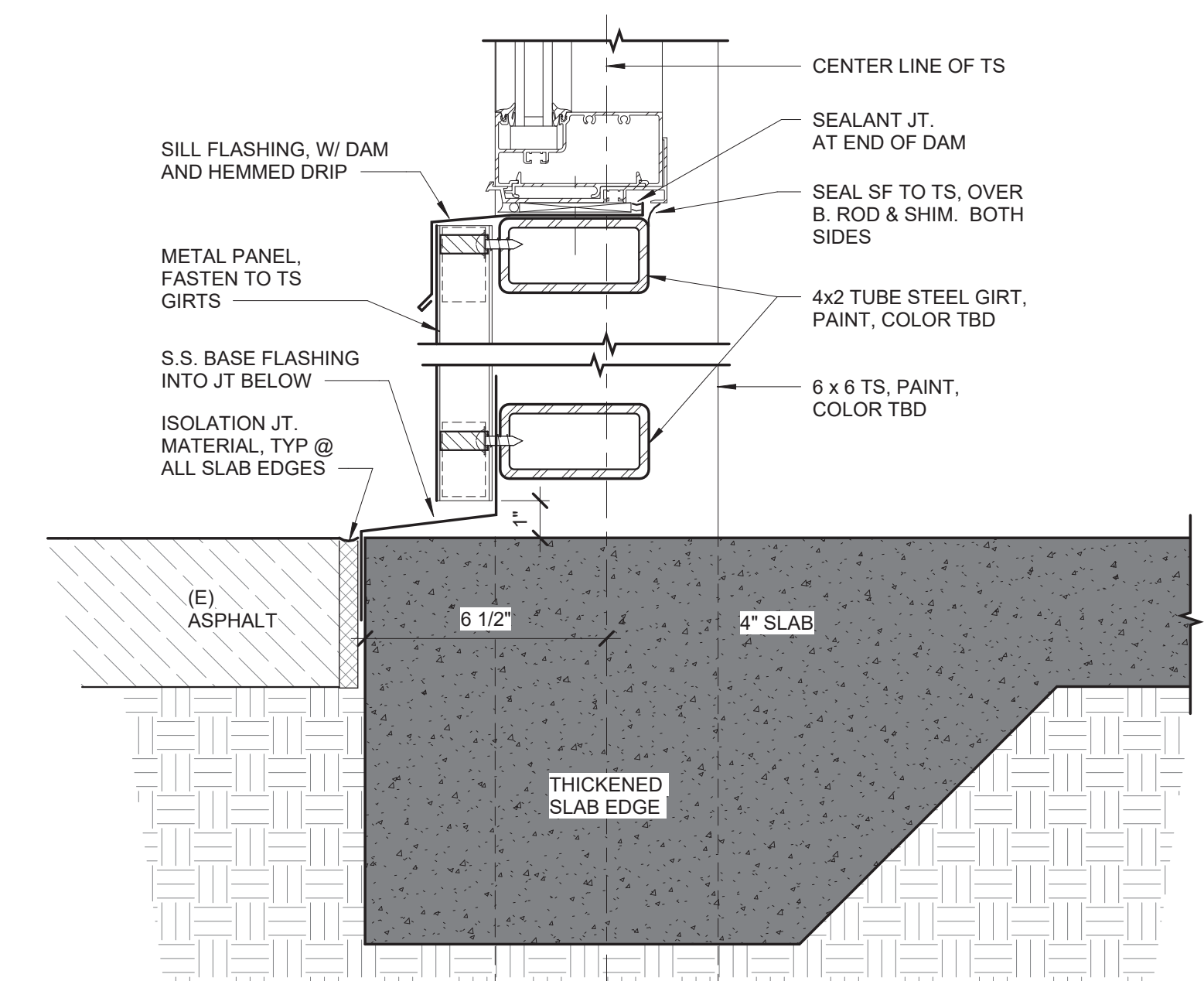
DATE: FEBRUARY 2025

SHEET TITLE:
WIND BREAK DETAILS

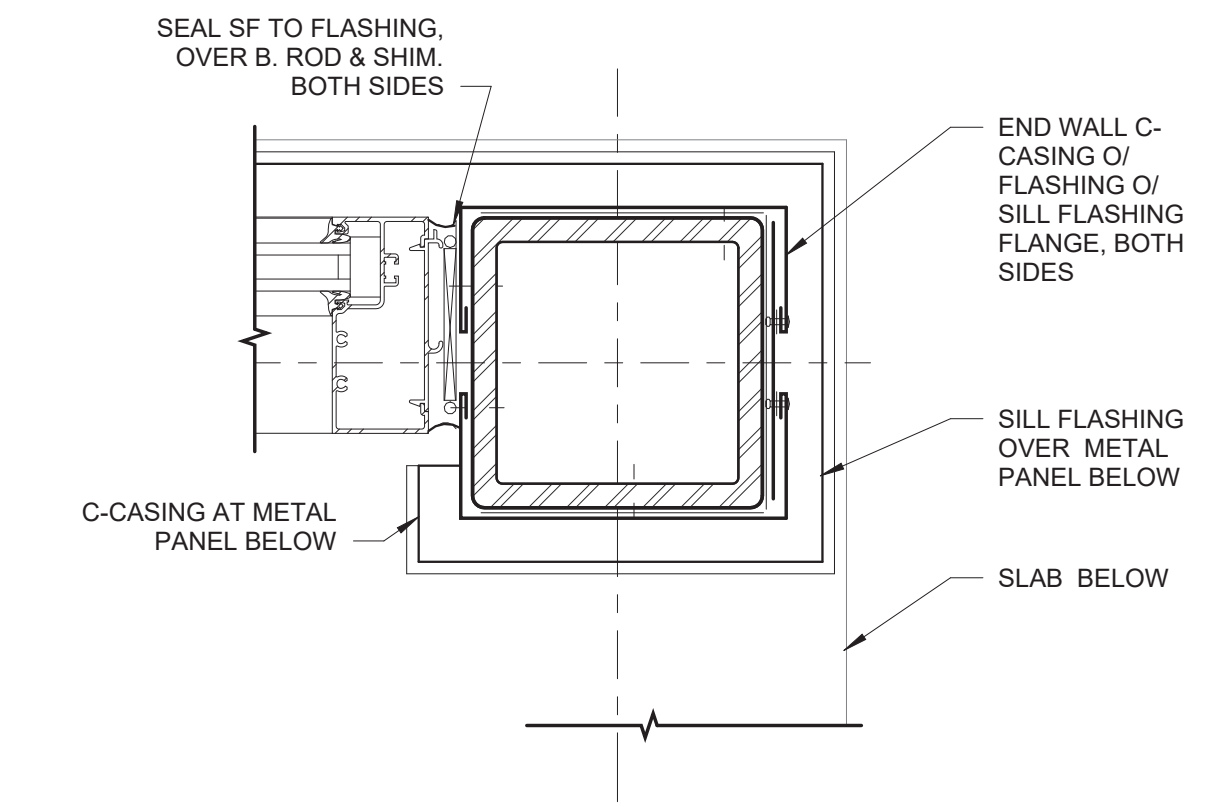
A5.3



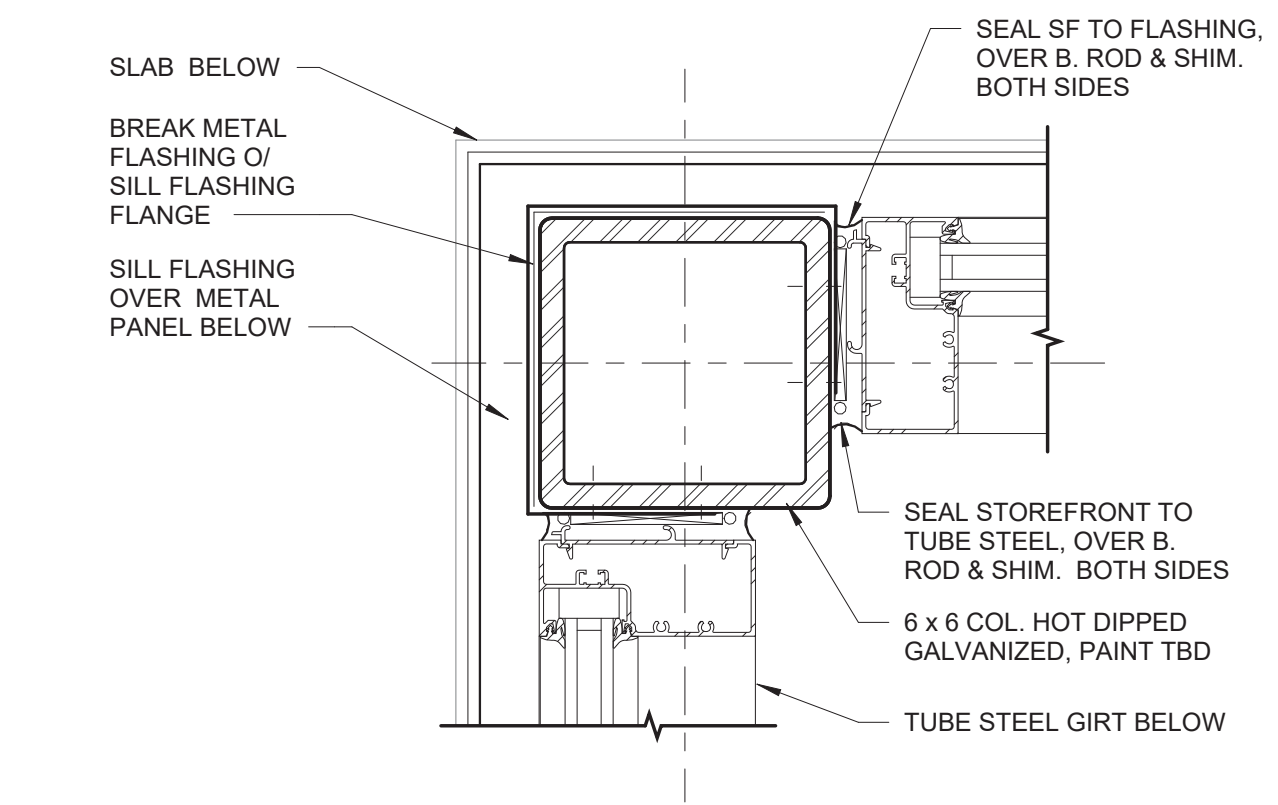
3 WIND BREAK EAVE
3" = 1'-0"



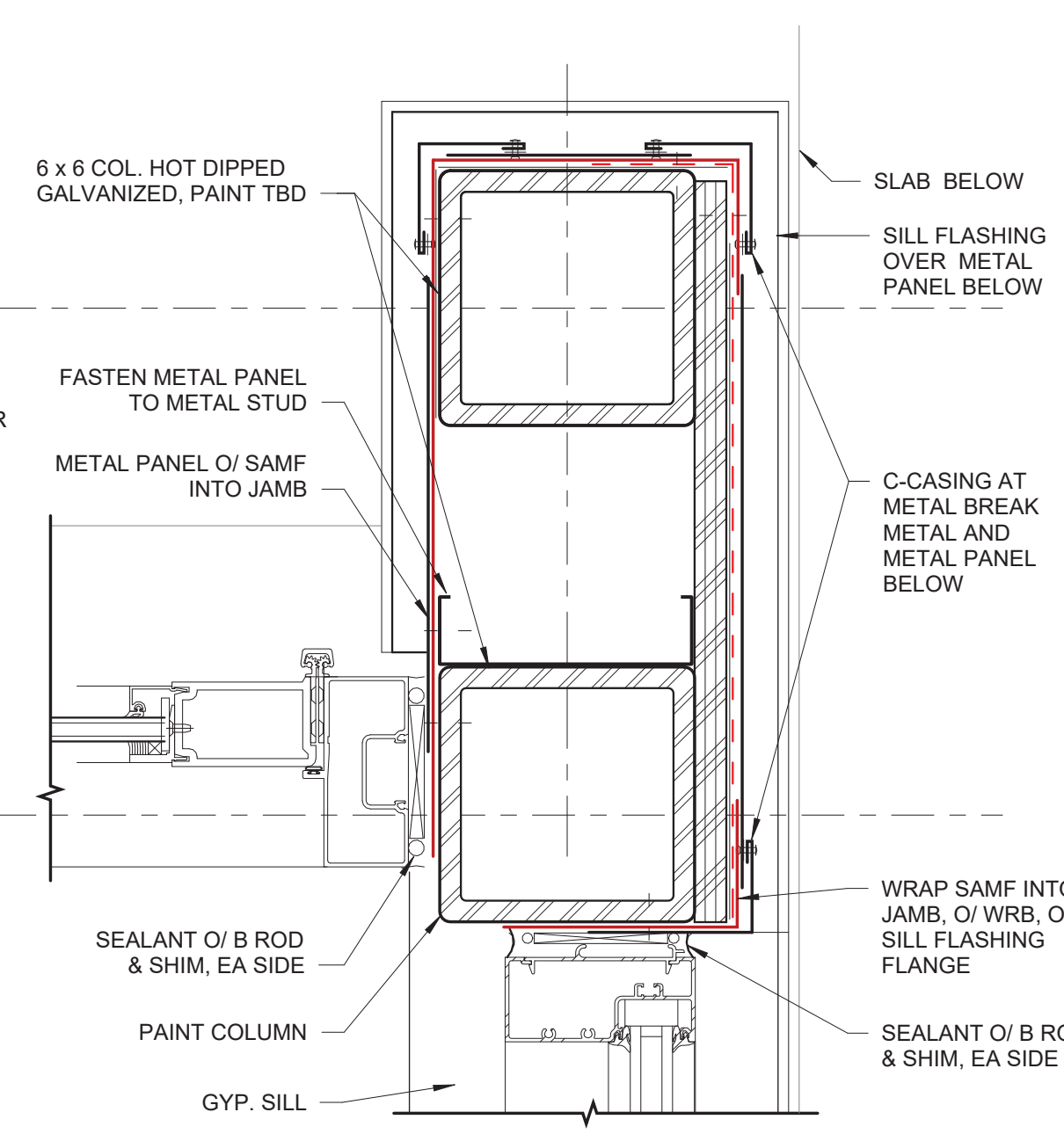
2 TYP. WIND BREAK WALL BASE & SILL
3" = 1'-0"



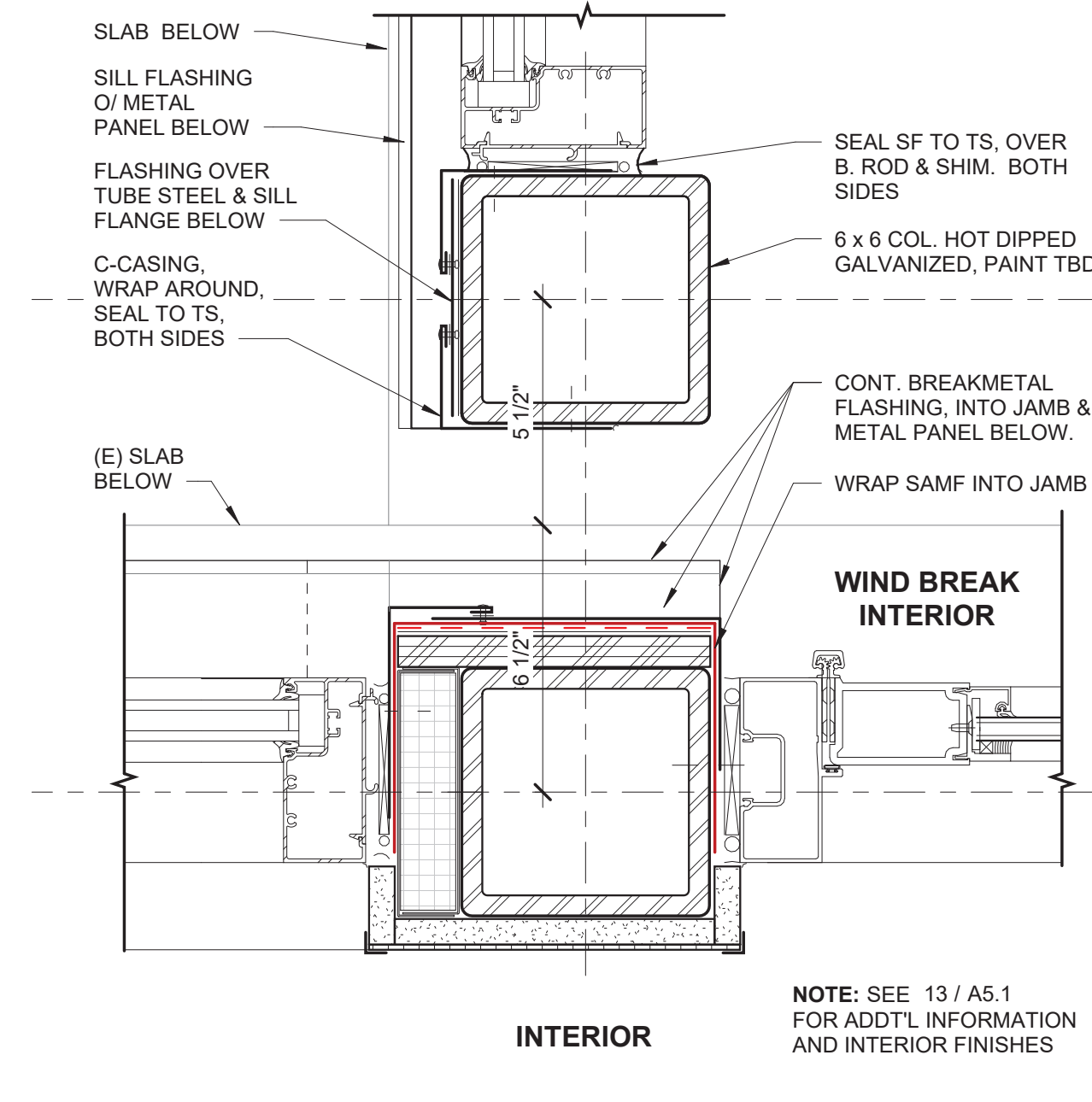
5 WIND BREAK END WALL
3" = 1'-0"



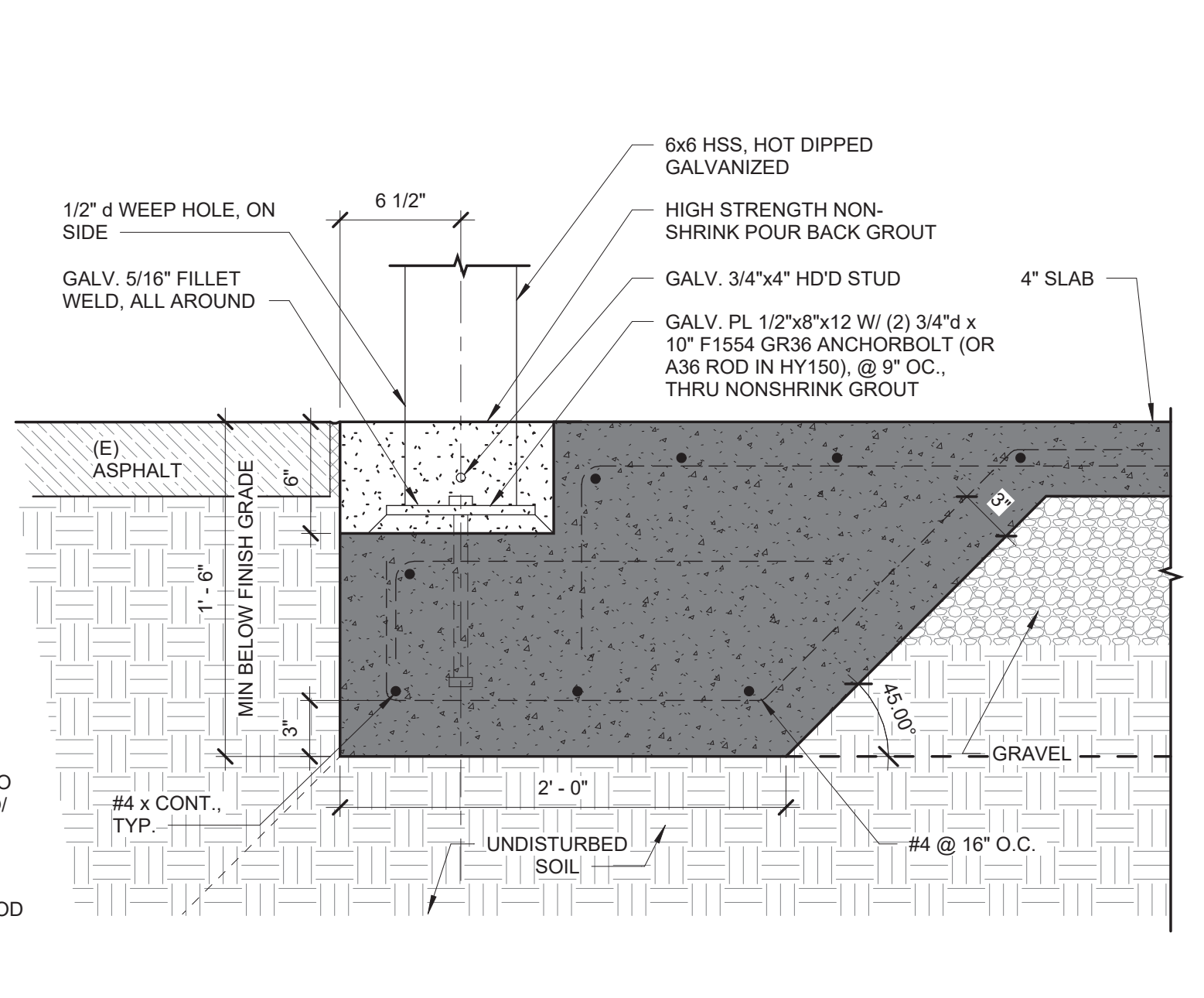
9 WIND BREAK CORNER
3" = 1'-0"



4 WIND BREAK NORTH JAMB
3" = 1'-0"



8 WIND BREAK JAMB
3" = 1'-0"



1 WIND BREAK FOOTING @ COLUMNS
1 1/2" = 1'-0"

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FINISH LIST

BASIS OF DESIGN

LEGEND:

FINISH ABBREVIATION

PRODUCT TYPE
MANUFACTURE
STYLE
COLOR

CPT-1 (ALT. BID)
CARPET TILE
OSOI

P-1
INTERIOR PAINT (METAL STRUCTURE)
SHERWIN WILLIAMS
COLOR TBD

P-2
INTERIOR PAINT
SHERWIN WILLIAMS
COLOR TBD

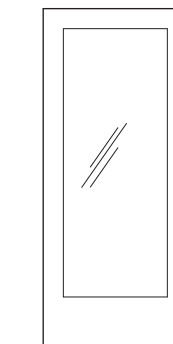
RB-1
RESILIENT BASE
ROPPE
COLOR TBD

WOT-1 (ALT. BID)
WALK OFF TILE
MILLIKEN
OBEX TILE
CUTX / CONTOUR
GREY W/ NAVY, CNX123-27
ASHLAR INSTALLATION

WP-1
WALL PROTECTION
CS ACROVYN
BY DESIGN
CUSTOM GRAPHIC IMAGES TBD

WP-2
WALL PROTECTION
CS ACROVYN
COLOR TBD

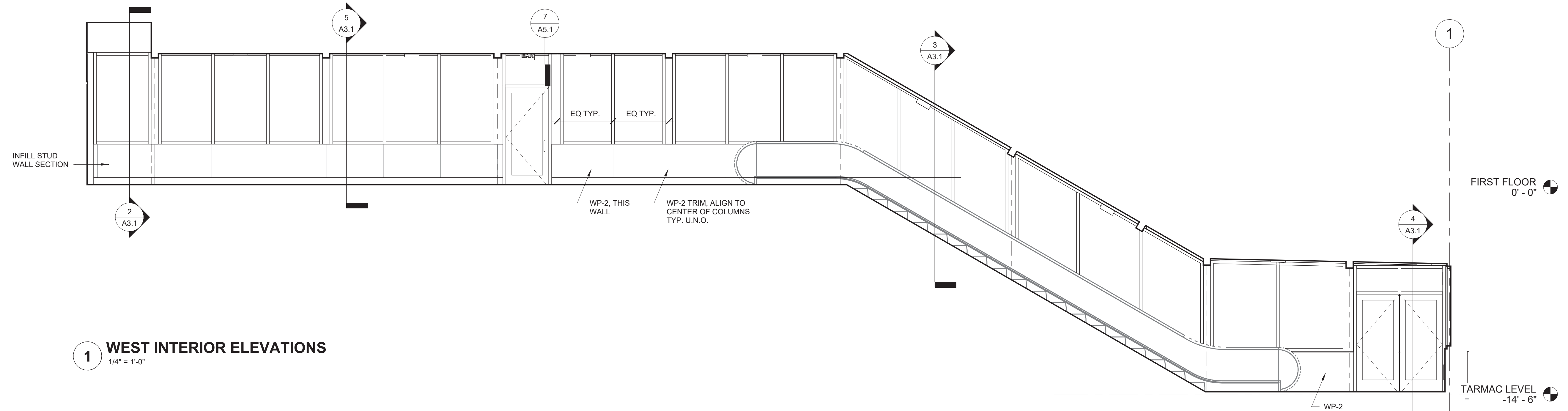
DOOR TYPES



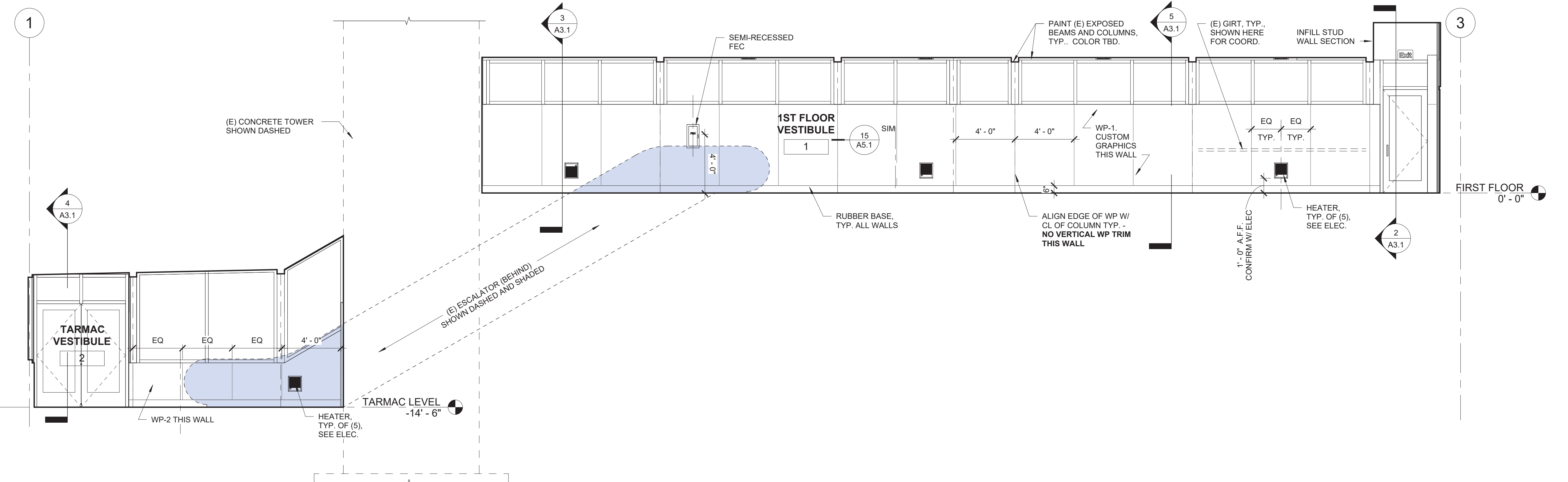
TYPE C

ROOM FINISH SCHEDULE									
ROOM NAME	ROOM NO.	FLOOR FINISH	BASE	NORTH WALL	EAST WALL	SOUTH WALL	WEST WALL	CEILING FINISH	NOTES
1ST FLOOR VESTIBULE	1	CPT-1	RB-1	CPT-1	CPT-1	CPT-1	CPT-1	CPT-1	BASE BID: PREP & SEAL (E) CONC. PAINT EXPOSED (E) COL. & BEAMS, COLOR TBD. SEE ELEVATIONS FOR ALT BID INFO. CPT TO BE OSOI
TARMAC VESTIBULE	2	WOM	RB-1	WP-1	WP-1	NONE	WP-1	GYP BD & ACP	BASE BID: PREP & SEAL (E) CONC. PAINT EXPOSED (E) COL. & BEAMS COLOR TBD. SEE ELEVATIONS
ELEV 3	3	CPT-1	(E)	(E)	(E)	(E)	(E)	(E)	CPT TO BE OSOI
WEST WIND BREAK	4	SEALED CONC.	NONE	NONE	METAL PANELS	EXPOSED	EXPOSED	EXPOSED	PAINT BACK OF METAL PANELS & DECK (PRIOR INSTALL). PAINT COL. & BEAMS. SEE ELEVATIONS
EAST WINDBREAK	5	SEALED CONC.	NONE	NONE	EXPOSED	EXPOSED	METAL PANELS	EXPOSED	ALT. BID

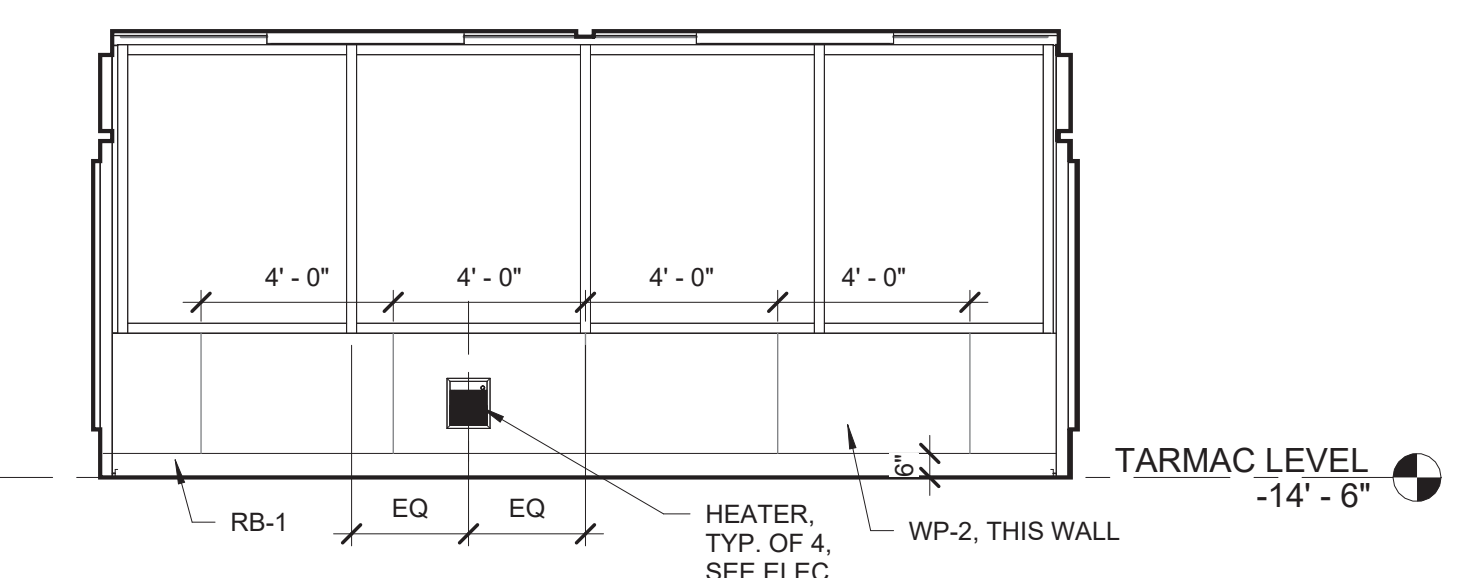
DOOR SCHEDULE									
DOOR NO.	ROOM NAME	SIZE (WxH)	TYPE	DOOR MATERIAL	FRAME MATERIAL	HARDWARE GROUP	RATING	NOTES	
1A	1ST FLOOR VEST.	3'-0" X 7'-0"	C	ALUM	ALUM	HW-45		"FROSTED" FILM AT THIS DOOR	
1B	1ST FLOOR VESTIBULE	3'-0" X 7'-0"	C	ALUM	ALUM	HW-45		VERIFY FIT BW (E) TS	
1C	1ST FLOOR VEST.	7'-10" X 7'-0"	-	ALUM	ALUM	-	E	EXISTING, NO WORK	
2	TARMAC VESTIBULE	6'-0" X 7'-0"	C	ALUM	ALUM	HW-50		DOUBLE	
4	WEST WIND BREAK	6'-0" X 7'-0"	C	ALUM	ALUM	HW-50		DOUBLE	



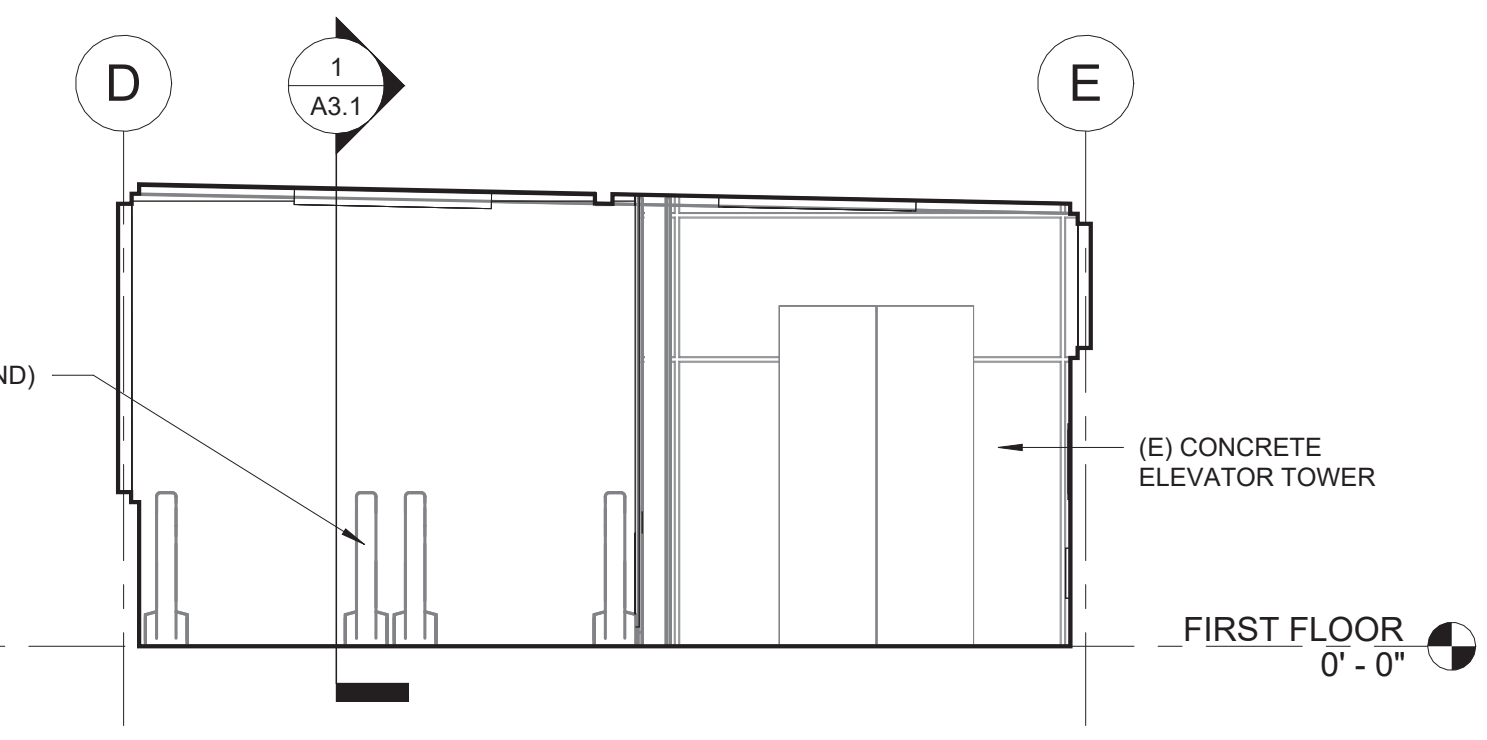
1 WEST INTERIOR ELEVATIONS
1/4" = 1'-0"



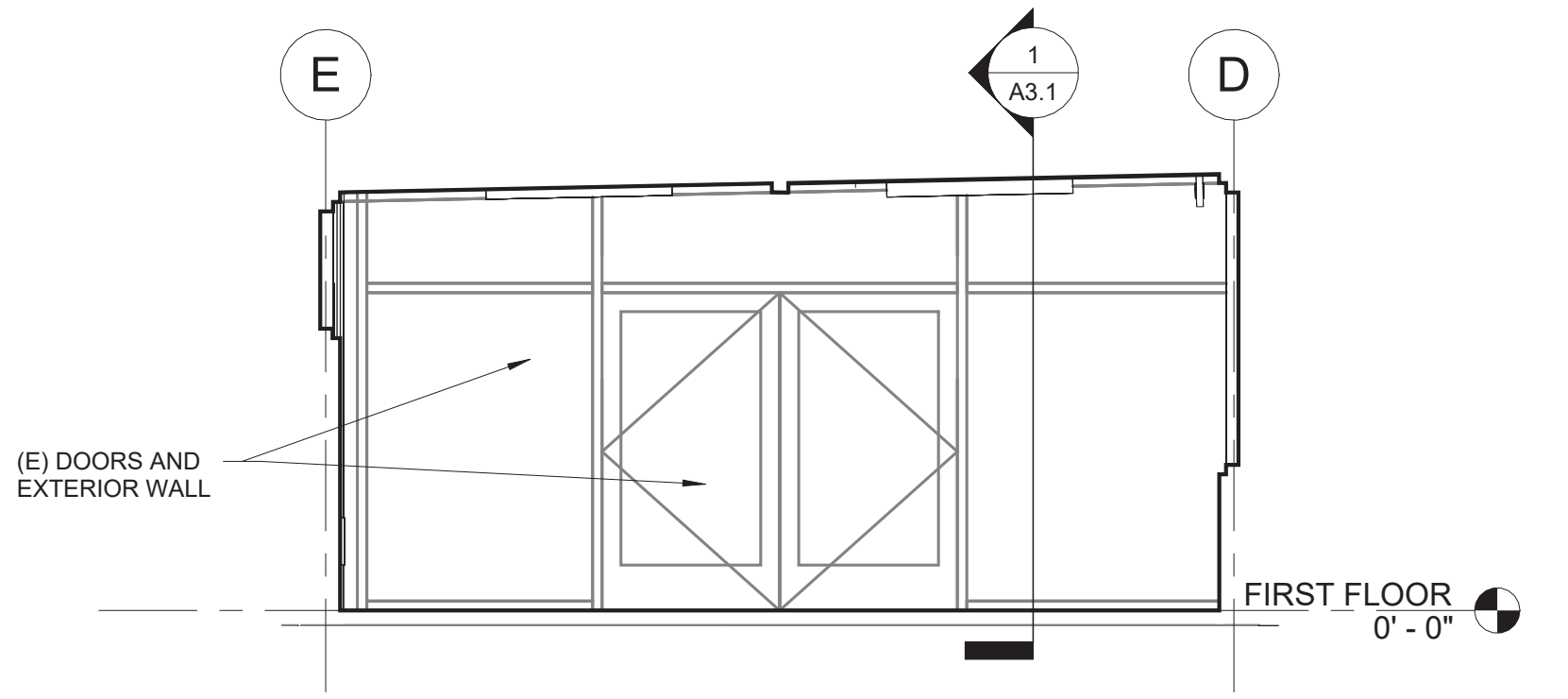
2 EAST INTERIOR ELEVATION
1/4" = 1'-0"



3 NORTH INTERIOR ELEVATION @ TARMAC
1/4" = 1'-0"



4 NORTH INTERIOR ELEVATION @ ELEVATOR
1/4" = 1'-0"



5 SOUTH INTERIOR ELEVATION
1/4" = 1'-0"



333 S. 4TH STREET
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PROJECT NO.: 24.012
**COOS COUNTY AIRPORT DISTRICT -
CONCOURSE CAPITAL IMPROVEMENT PROJECT**
COOS COUNTY AIRPORT DISTRICT
2348 COLORADO AVE
NORTH BEND, OR 97459

CONSTRUCTION DOCUMENTS

REVISIONS:
DATE DESCRIPTION

DATE: FEBRUARY 2025

SHEET TITLE:
**INTERIOR
ELEVATIONS &
SCHEDULES**

A6.1

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CONSTRUCTION DOCUMENTS

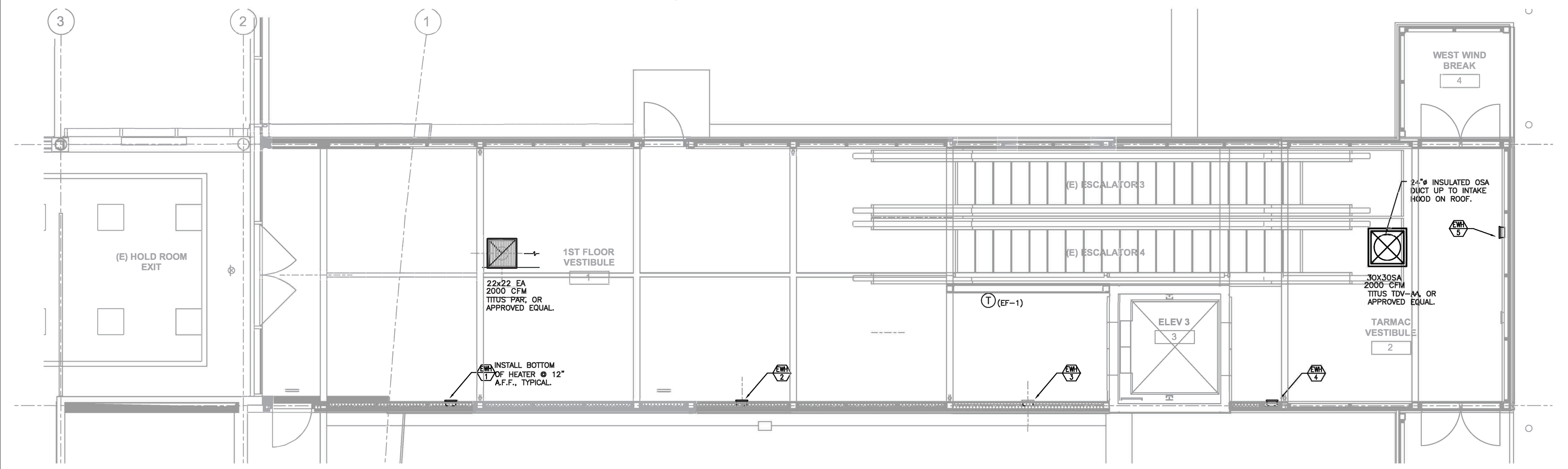
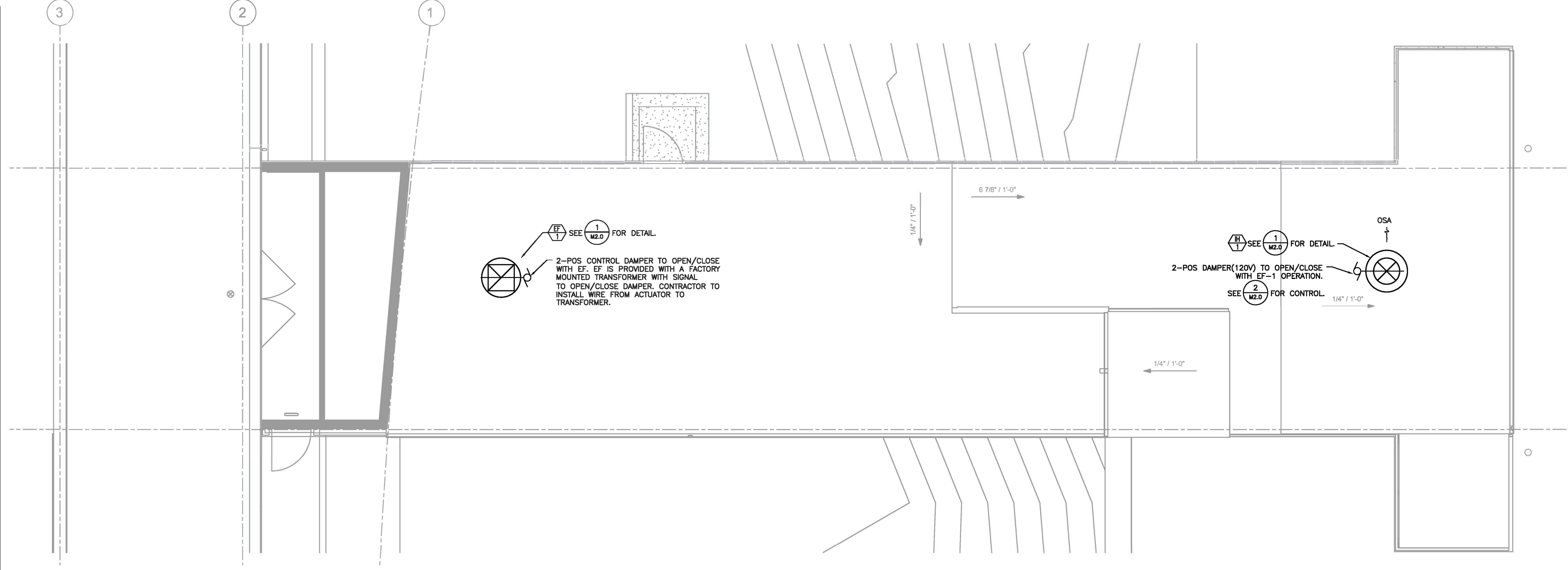
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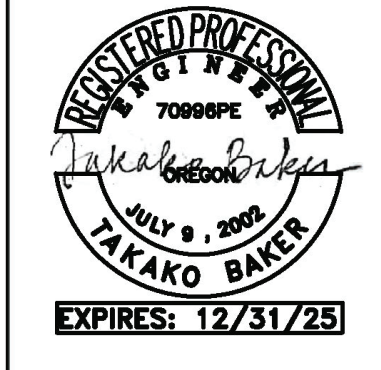
MECHANICAL PLANS

M1.0



- SHEET NOTE:
1. EXHAUST FANS ARE CONTROLLED BY A SINGLE T-STAT. THE FAN OPERATES WHEN SPACE TEMPERATURE EXCEEDS 78 DEGREE F (ADJUSTABLE).
 2. 2-POSITION EXHAUST DAMPER AT FAN AND 2-POSITION OSA LOUVER TO OPEN/CLOSE WITH EXHAUST FAN OPERATION.

VENTILATION CALCULATIONS:
VENTILATION IS PROVIDED BY MEANS OF NATURAL VENTILATION VIA OPERABLE DOORS PER 2022 OSSC 1202.5
1202.5.1 CALCULATIONS = > MIN 4% OF OVERALL FLOOR AREA
FLOOR AREA = 1800 SQFT
OPERABLE DOOR AREA: 126 SQFT
OPERABLE DOOR OPENING % = 7%.

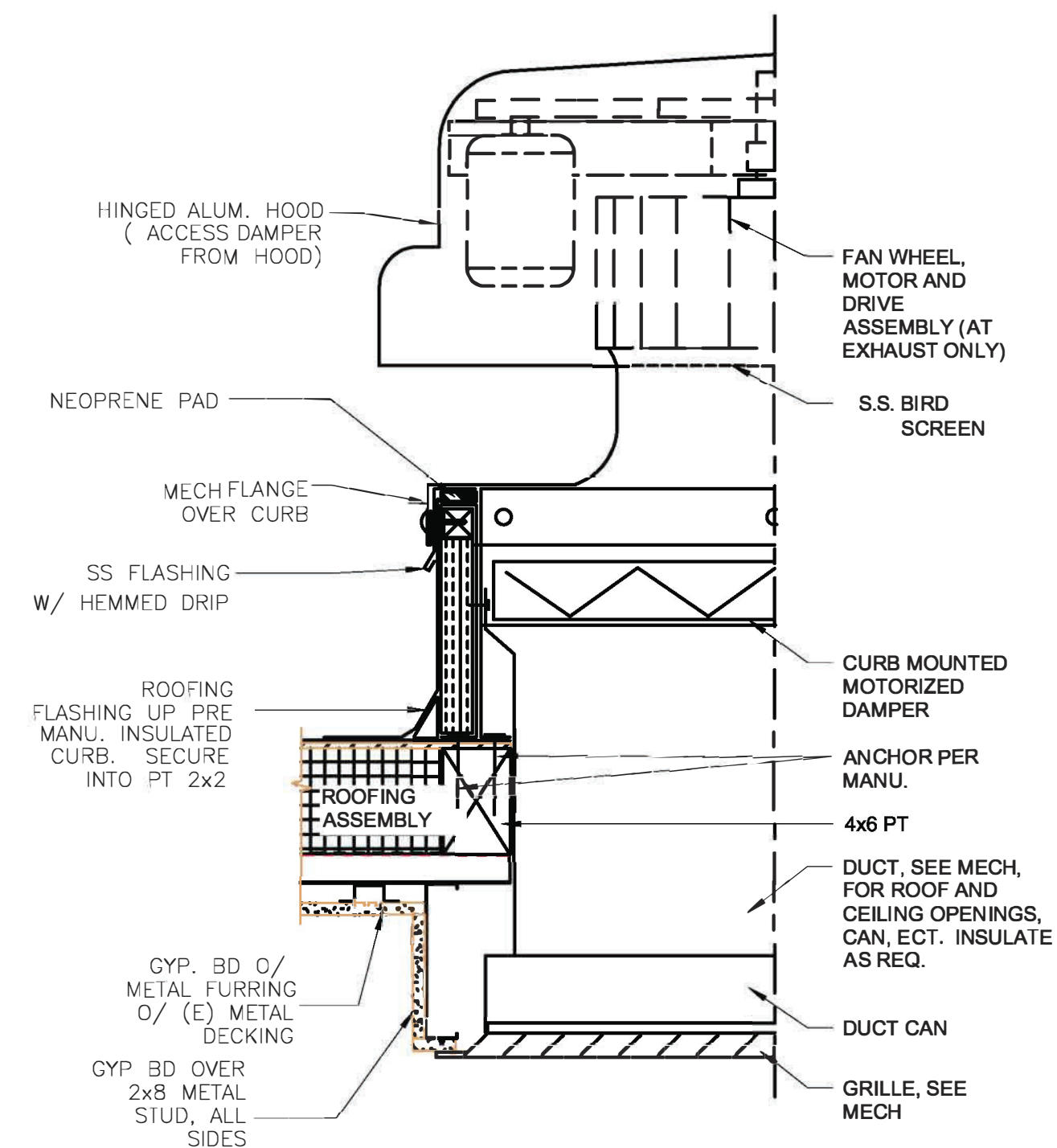


MECHANICAL LEGEND

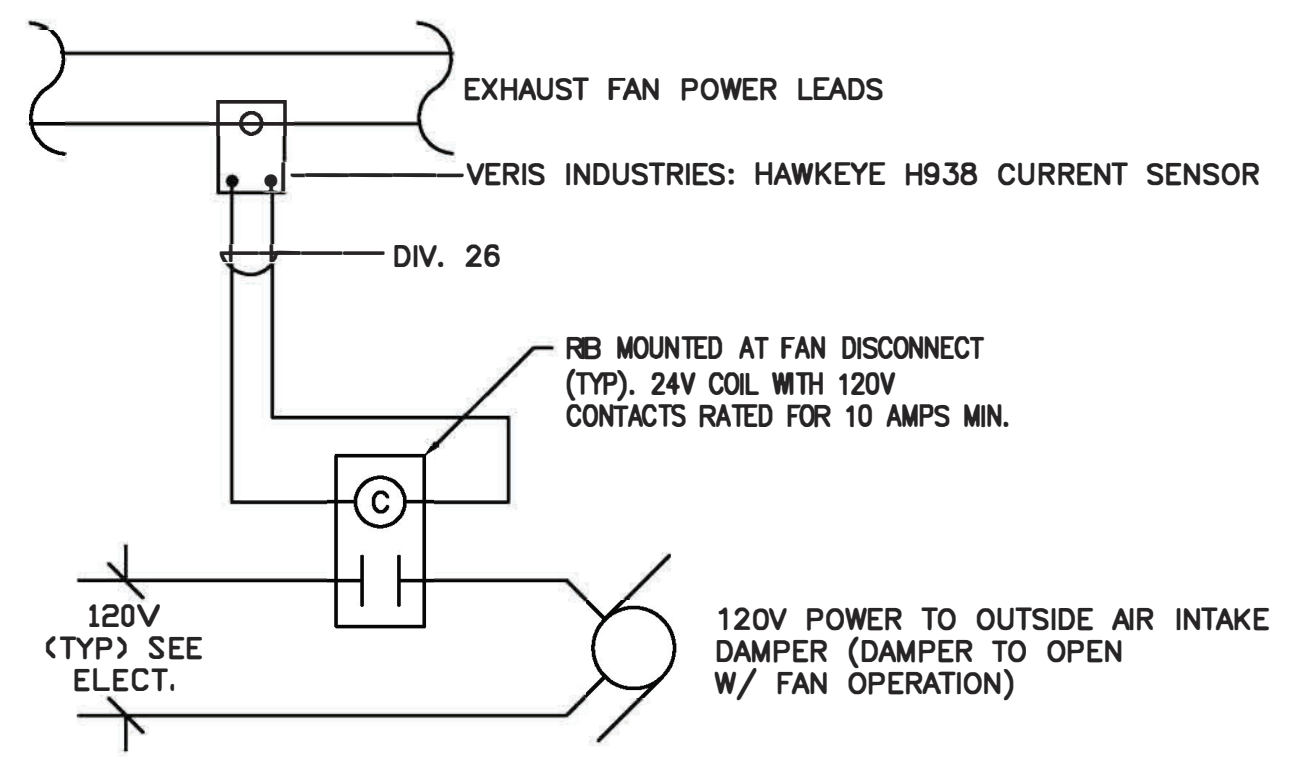
	SUPPLY AIR DIFFUSER	AFF	ABOVE FINISH FLOOR
	RETURN AIR GRILLE	AHU	AIR HANDLING UNIT
	EXHAUST AIR GRILLE	B.D.	BOTTOM OF DUCT
	PERFORATED RETURN AIR PANEL	BHP	BRAKE HORSEPOWER
	DIRECTIONAL AIR FLOW	BTU	BRITISH THERMAL UNITS
	MANUAL VOLUME DAMPER	CFM	CUBIC FEET PER MINUTE
	SUPPLY OR OUTSIDE AIR DUCT UP & DOWN	CONN.	CONNECTION
	RETURN AIR DUCT UP & DOWN	CONT.	CONTINUATION
	EXHAUST AIR DUCT UP & DOWN	CW	DOMESTIC COLD WATER
	SUPPLY OR OUTSIDE AIR DUCT UP & DOWN	DB	DRY BULB
	RETURN AIR DUCT UP & DOWN	DIA.	DIAMETER
	EXHAUST AIR DUCT UP & DOWN	DIST.	DISTRIBUTION
	SUPPLY OR OUTSIDE AIR DUCT UP & DOWN	EA	EXHAUST AIR
	RETURN AIR DUCT UP & DOWN	EDB	ENTERING DRY BULB TEMPERATURE
	EXHAUST AIR DUCT UP & DOWN	EWB	ENTERING WET BULB TEMPERATURE
	SUPPLY OR OUTSIDE AIR DUCT UP & DOWN	EWT	ENTERING WATER TEMPERATURE
	RETURN AIR DUCT UP & DOWN	FF	FINISH FLOOR
	EXHAUST AIR DUCT UP & DOWN	FIXT.	FIXTURE
	SUPPLY OR OUTSIDE AIR DUCT UP & DOWN	FPM	FEET PER MINUTE
	RETURN AIR DUCT UP & DOWN	FPS	FEET PER SECOND
	EXHAUST AIR DUCT UP & DOWN	FT.	FEET / FOOT
	SUPPLY OR OUTSIDE AIR DUCT UP & DOWN	GA.	GALLONS PER MINUTE
	RETURN AIR DUCT UP & DOWN	GPM	GALLONS PER MINUTE
	EXHAUST AIR DUCT UP & DOWN	H	HEIGHT
	SUPPLY OR OUTSIDE AIR DUCT UP & DOWN	HP	HORSEPOWER
	RETURN AIR DUCT UP & DOWN	I.D.	INSIDE DIAMETER
	EXHAUST AIR DUCT UP & DOWN	IN.	INCHES
	VAV TERMINAL UNIT	L	LENGTH
	VVT TERMINAL UNIT	LBS.	POUNDS
	EXISTING	LDB	LEAVING DRY BULB
	CONNECT TO EXISTING	LWB	LEAVING WET BULB
	THERMOSTAT OR TEMP. SENSOR	LWT	LEAVING WATER TEMPERATURE
	NOTE	MAX.	MAXIMUM
	EQUIPMENT DESIGNATOR	MBH	THOUSANDS OF BTUs PER HOUR
	BALL VALVE	MIN.	MINIMUM
	GATE VALVE	NC	NOISE CRITERIA
	CHECK VALVE	N.C.	NORMALLY CLOSED
	BALANCING VALVE	N.I.M.	NOT IN MECHANICAL
	THERMOMETER	NO.	NUMBER
	DIRECTION OF FLOW	N.O.	NORMALLY OPEN
	PUMP	O.A.	OUTSIDE AIR
	STRAINER	P	PERSON
	PRESSURE GAUGE	PSI	POUNDS PER SQUARE INCH
	PETE'S PLUG	P/T	PRESSURE / TEMPERATURE
	DOUBLE CHECK ASSEMBLY	R.A.	RETURN AIR
	PRESSURE REDUCING VALVE	RECT.	RECTANGULAR
	UNION	REQ'D	REQUIRED
	2-WAY CONTROL VALVE	S.A.	SUPPLY AIR
	3-WAY CONTROL VALVE	S.P.	STATIC PRESSURE
	CAP	SQ.	SQUARE
	SMOKE DETECTOR	TEMP.	TEMPERATURE
	MOTORIZED DAMPER	TYP.	TYPICAL
		VAV	VARIABLE AIR VOLUME
		W	WIDTH
		WB	WET BULB
		WPD	WATER PRESSURE DROP
		Ø	DIAMETER
		(E)	EXISTING
		(D)	DEMOLISH
			NEW WORK
		HWS	(HWS) HEATING WATER SUPPLY
		HWR	(HWR) HEATING WATER RETURN
			FIRE DAMPER
			FIRE / SMOKE DAMPER
			SMOKE DAMPER
			SEISMIC BRACING
			LATERAL BRACING
			LONGITUDINAL BRACING
			LONGITUDINAL & LATERAL BRACING

MECHANICAL GENERAL NOTES

- THE DRAWINGS ARE DIAGRAMMATIC. PROVIDE ALL MATERIAL (NEW AND UNDEMANAGED) AND LABOR FOR A COMPLETE AND OPERABLE SYSTEM. VERIFY ALL BUILDING MEASUREMENTS DIMENSIONS AND EQUIPMENT LOCATIONS BEFORE PROCEEDING WITH ANY OF THE WORK.
- REFER TO THE MECHANICAL SPECIFICATIONS FOR MATERIALS, EQUIPMENT, AND ADDITIONAL CONSTRUCTION INSTRUCTIONS NOT COVERED BY THESE PLANS.
- ALL INSTALLATIONS SHALL COMPLY WITH APPLICABLE FEDERAL AND STATE CODES INCLUDING, 2022 OREGON STRUCTURAL SPECIALTY CODE (OSSC) INCLUDING APPENDIX N FOR OREGON FIRE CODE REGULATIONS, 2021 OREGON PLUMBING SPECIALTY CODE (OPSC), 2022 OREGON MECHANICAL SPECIALTY CODE (OMSC), 2021 OREGON ENERGY EFFICIENCY SPECIALTY CODE (OEECS), ASHRAE STANDARD 170-2021 AND NATIONAL FIRE PROTECTION ASSOCIATION (NFPA). WHERE TWO CODES DIFFER THE MORE STRICT OF THE TWO SHALL BE FOLLOWED.
- OBTAIN ALL NECESSARY PERMITS AND INSPECTIONS REQUIRED BY THE GOVERNING AUTHORITIES HAVING JURISDICTION. SUBMIT ALL CERTIFICATES PRIOR TO ACCEPTANCE.
- COORDINATE WITH OTHER CRAFTS AS REQUIRED TO COMPLETE WORK IN ACCORDANCE WITH CONSTRUCTION SCHEDULE.
- PROVIDE OWNER INSTRUCTION BY QUALIFIED PERSONNEL ON EQUIPMENT AND SYSTEMS AT OWNER'S REQUEST.
- AIR BALANCE DIFFUSERS AND GRILLES TO THE CFM INDICATED ON FLOOR PLANS. SEE SPECS FOR REQUIREMENTS. TESTING AND BALANCING SHALL BE IN ACCORDANCE WITH OWNER GUIDELINES. SUBMIT TAB REPORT FOR ENGINEER'S REVIEW AND APPROVAL.
- PROVIDE MANUAL BALANCING DAMPERS ON BRANCH DUCTS SERVING DIFFUSERS AND GRILLES.
- INSULATE SUPPLY AIR, OUTSIDE AIR AND RETURN AIR DUCTWORK OR INTERNALLY LINE SUPPLY AIR AND RETURN AIR DUCTWORK AS SHOWN ON PLANS AND PER MECHANICAL SPECIFICATIONS.
- MANUFACTURERS AND MODEL NUMBERS LISTED IN THE EQUIPMENT SCHEDULES ARE THE BASIS OF DESIGN.
- CUT WALLS FOR PROPER EQUIPMENT, DUCT OR PIPE INSTALLATION. FILL HOLES WHICH ARE CUT OVERSIZED FOR A TIGHT FIT AROUND OBJECTS PASSING THROUGH. PATCH AND SEAL FINISHES TO MATCH NEW OR EXISTING FINISHES.
- INSTALL LABELS ON ALL MECHANICAL EQUIPMENT.
- CONTROLS AND WIRING SHALL MEET ALL ELECTRICAL REQUIREMENTS OF APPLICABLE ELECTRICAL SPECIFICATIONS AND REQUIREMENTS OF OWNER, BUILDING OFFICIALS AND EQUIPMENT SUPPLIERS OF EQUIPMENT INSTALLED ON PROJECT.
- ELECTRIC MOTORS SHALL HAVE BUILT-IN THERMAL OVERLOAD PROTECTION OR BE PROTECTED EXTERNALLY WITH SEPARATE THERMAL OVERLOAD DEVICES, WITH LOW-VOLTAGE RELEASE OR LOCK OUT AS REQUIRED.
- ALL NEW EQUIPMENT, PIPING, CONDUIT, AND DUCTWORK SHALL BE INSTALLED PER CURRENT OREGON SEISMIC CODE REQUIREMENTS.
- PROVIDE LOW LEAK AUTOMATIC DAMPERS ON OUTSIDE AIR, EXHAUST AIR AND RELIEF AIR CONTROL DAMPERS WHERE THESE ARE INDICATED.
- PROVIDE STAFF TRAINING, OPERATION AND MAINTENANCE MANUALS AND RECORD DRAWINGS IN ACCORDANCE WITH SPECS. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

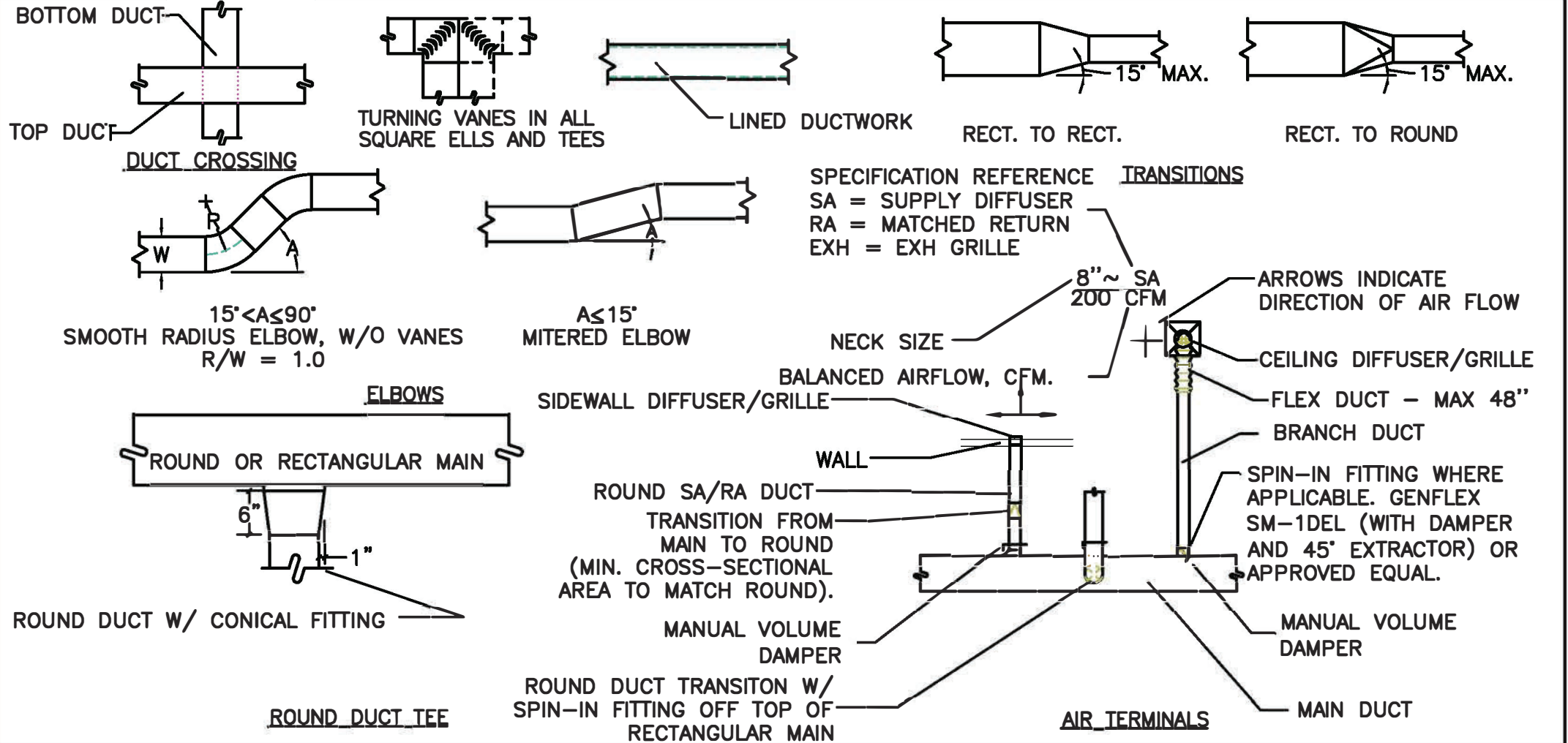


1 ROOF MOUNT EXHAUST FAN/INTAKE HOOD
SCALE: DETAIL



2 IH-1 DAMPER CONTROL
SCALE: DETAIL

AIR DISTRIBUTION DETAILS



EXHAUST FAN SCHEDULE

MARK	EF	NOTES
NUMBER	1	
TYPE	ROOF	
SYSTEM	VESTIBULE	
CFM	2000	
WHEEL TYPE	BI	
EXT. STATIC PRESS (IN.WC)	0.35"	
TOTAL STATIC PRESS (IN.WC)	0.49	
RPM	746	
MOTOR HP	3/4	
CONTROLLED BY	T-STAT	
INTERLOCK WITH	OSA 2-POS DAMPER	
BACKDRAFT DAMPER	NO	
MOTORIZED DAMPER	YES, 24V	
MAXIMUM INLET SONES	7.2	
VOLTAGE/PH	115/1	
OPERATING WEIGHT (LBS)	130	
BASIS OF DESIGN: GREENHECK	G-180-VG	

- NOTES:
- PROVIDE SINGLE POINT CONNECTION OPTION.
 - PROVIDE WITH ECM MOTOR WITH 0-10V INPUT FOR TEMP CONTROL AND OUTPUT TO CONTROL DAMPER. SET T-STAT TO 78 DEGREES F (ADJ.)
 - PROVIDE ELECTRICAL DISCONNECT.

ELECTRIC WALL HEATERS

MARK	EWH	NOTES
NUMBER	1-5	
H WATTS	1 KW	
E VOLT/PH	240/1	
A AMPS	4.2	
T CFM	65 CFM	
LOCATION	12" A.F.F.	
MOUNTING	RECESSED	
OPERATING WEIGHT (LBS)	8	
BASIS OF DESIGN: QMARK	QMARK CWH1202D SF	
NOTES	1,2	

INTAKE HOOD

MARK	IH	NOTES
NUMBER	1	
TYPE		
TOTAL CFM	2000	
EXTERNAL SP. ("H2O)	0.07"	
DISCHARGE DIRECTION	HORIZONTAL	
THROUGH FREE AREA	3.24 SQFT	
ISOLATION TYPE	NONE	
OPERATING WEIGHT (LBS)	70	
BASIS OF DESIGN: GREENHECK	GRS1 24	

- NOTES:
- PROVIDE ALUMINUM HOOD AND INSULATED ROOF CURB.
 - 120/1 MOTORIZED DAMPER
 - ALUMINUM BIRD SCREEN

CONSTRUCTION DOCUMENTS

REVISIONS:

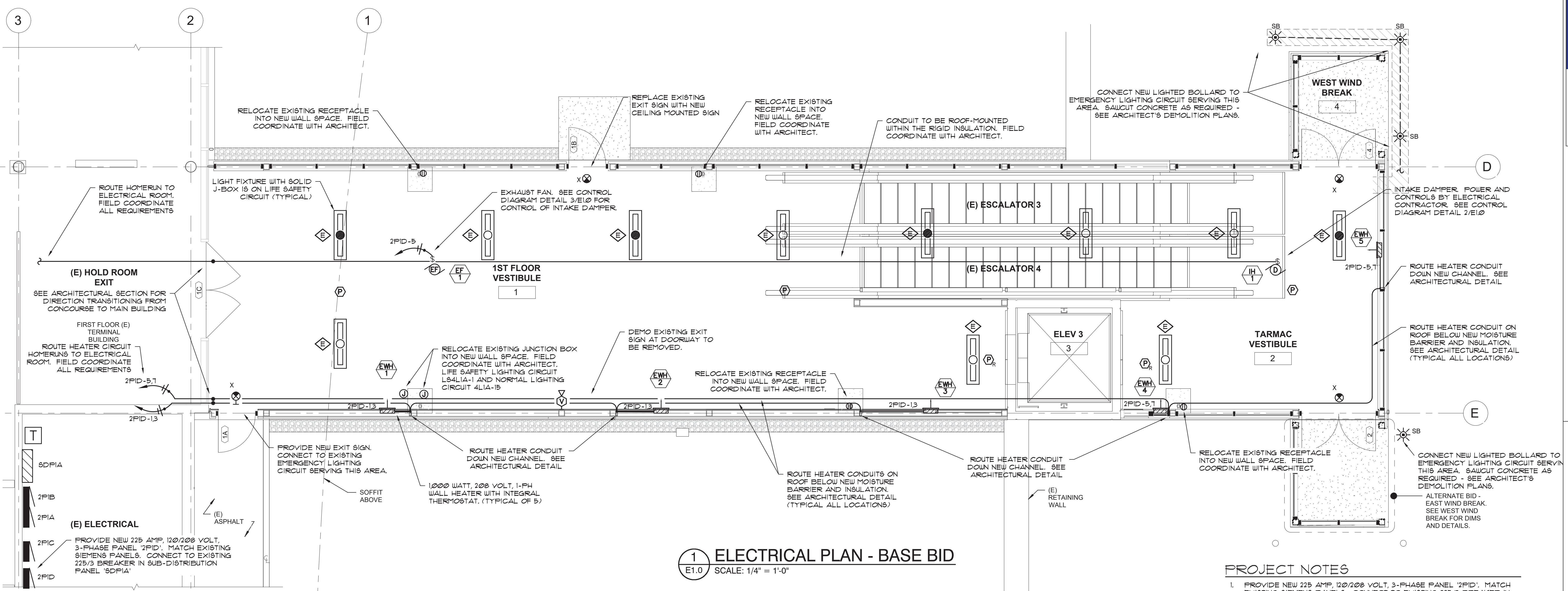
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DATE: FEBRUARY 2025

SHEET TITLE:

MECHANICAL DETAILS AND SCHEDULES

M2.0



1 ELECTRICAL PLAN - BASE BID
 E1.0 SCALE: 1/4" = 1'-0"

LIGHT FIXTURE SCHEDULE

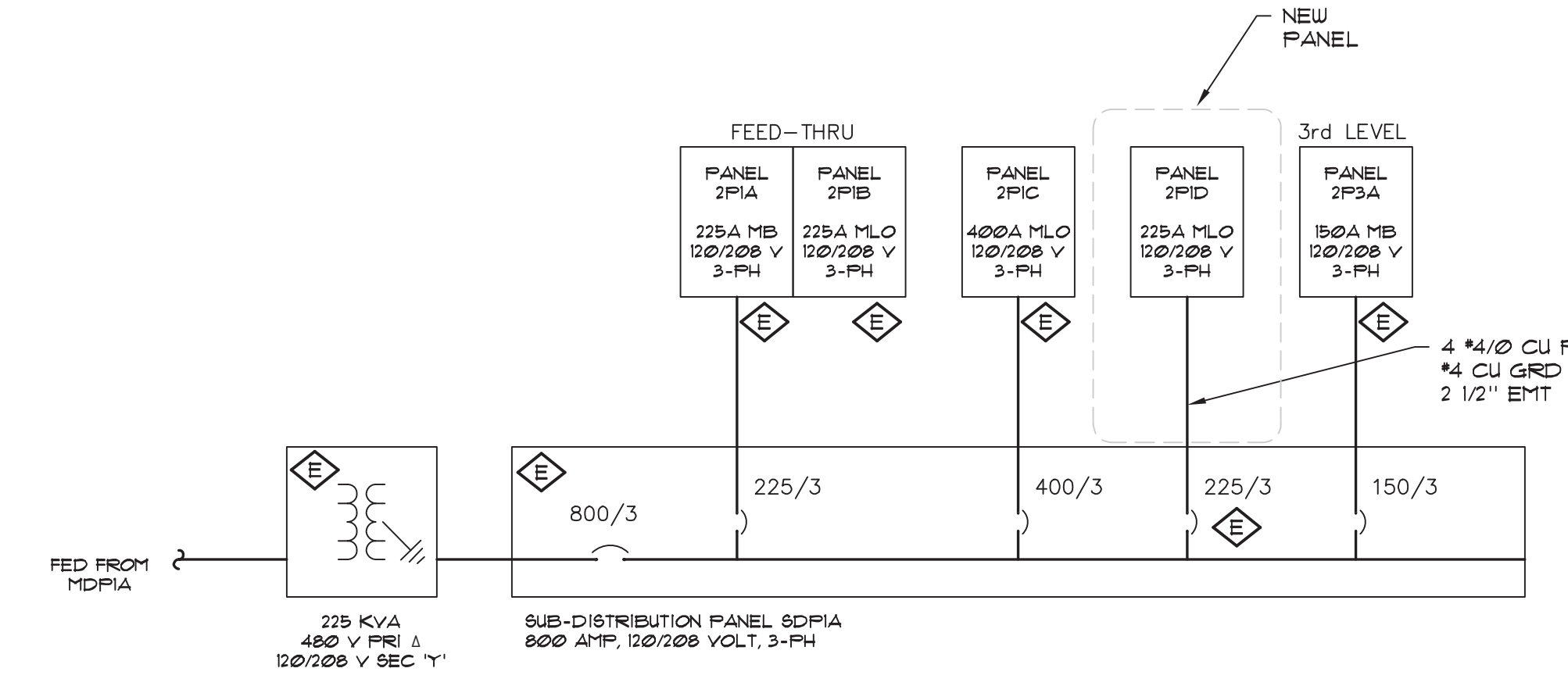
- L14 LED LIGHT FIXTURE
 LUMENWERK QUAD WIDE QUAWLS HLO SW 80 1000 35 4FT
 UNV D1 1 DRC MW
- SB LIGHTED BOLLARD - MATCH AIRPORT'S NEW STANDARD BOLLARD:
 LEDVANCE BOLLARD 2A 5024 UNH D 8 802 R6 FZ BZ F
 16-20-24W 3000K-4000K-5000K - ADJUST TO MATCH EXISTING
 WATTAGE AND LIGHT COLOR.
- X LED EXIT SIGN - MATCH AIRPORT'S EXISTING EXIT SIGNS. FIELD
 COORDINATE MOUNTING CONFIGURATION. CONNECT TO EMERGENCY
 CIRCUIT SERVING THIS AREA. EXISTING PLANS INDICATED THAT ONE OF
 THE FOLLOWING MAY BE THE AS-INSTALLED FIXTURE: EVENLITE CED
 SERIES, LITHONIA LES SERIES, SURELITES, ISOLITE LPDC-NB SERIES OR
 APPROVED.

PANEL '2PID'		FAULT CURRENT = 5081																
225 AMP	MLO	120 / 208 VOLTS																
FEEDER SIZE		2 1/2" C, 4 #4/0 CU PH, #4 CU GRD																
		SURFACE MOUNTED																
LOAD DISTRIBUTION	LTG	REC MOTOR	DATA	EXTG	HEAT	MISC	PH-A	PH-B	PH-C	TOTAL	AMPS	WITH SPARE	25%					
CONNECTED VA	0	0	1056	0	0	5000	0	2500	2556	1000	6056	21	1510 VA	21				
DIVERSIFIED FACTOR	125%	100%	100%	100%	65%	100%	100%											
DIVERSIFIED VA	0	0	1056	0	0	5000	0	2500	2556	1000	6056	21	1510 VA	21				
PL	T	LOAD	VA	HP	PHW	GND	CON	BKR	PH	BKR	CON	GND	PHW	HP	VA	LOAD	T	PL
1	H	CONCOURSE HEAT	1500		12	12	1/2	20	2	A						3-POLE SPACE	2	
3	H		1500							B						3-POLE SPACE	4	
5	H	CONCOURSE HEAT	10000		12	12	1/2	20	2	C						3-POLE SPACE	6	
7	H		10000							A						3-POLE SPACE	8	
9	M	CONCOURSE EXHAUST	1056		12	12	1/2	20	1	B						3-POLE SPACE	10	
11		SPARE	0							C						3-POLE SPACE	12	
13		SPARE	0						1	A	1	20	1/2		0	SPARE	14	
15		SPARE	0						1	B	1	20	1/2		0	SPARE	16	
17		SPARE	0						1	C	1	20	1/2		0	SPARE	18	
19		SPARE	0						1	A	1	20	1/2		0	SPARE	20	
21		SPARE	0						1	B	1	20	1/2		0	SPARE	22	
23		SPARE	0						1	C	1	20	1/2		0	SPARE	24	
25		SPARE	0						1	A	1	20	1/2		0	SPARE	26	
27		SPARE	0						1	B	1	20	1/2		0	SPARE	28	
29		SPARE	0						1	C	1	20	1/2		0	SPARE	30	
31										A							32	
33										B							34	
35										C							36	
37										A							38	
39										B							40	
41										C							42	

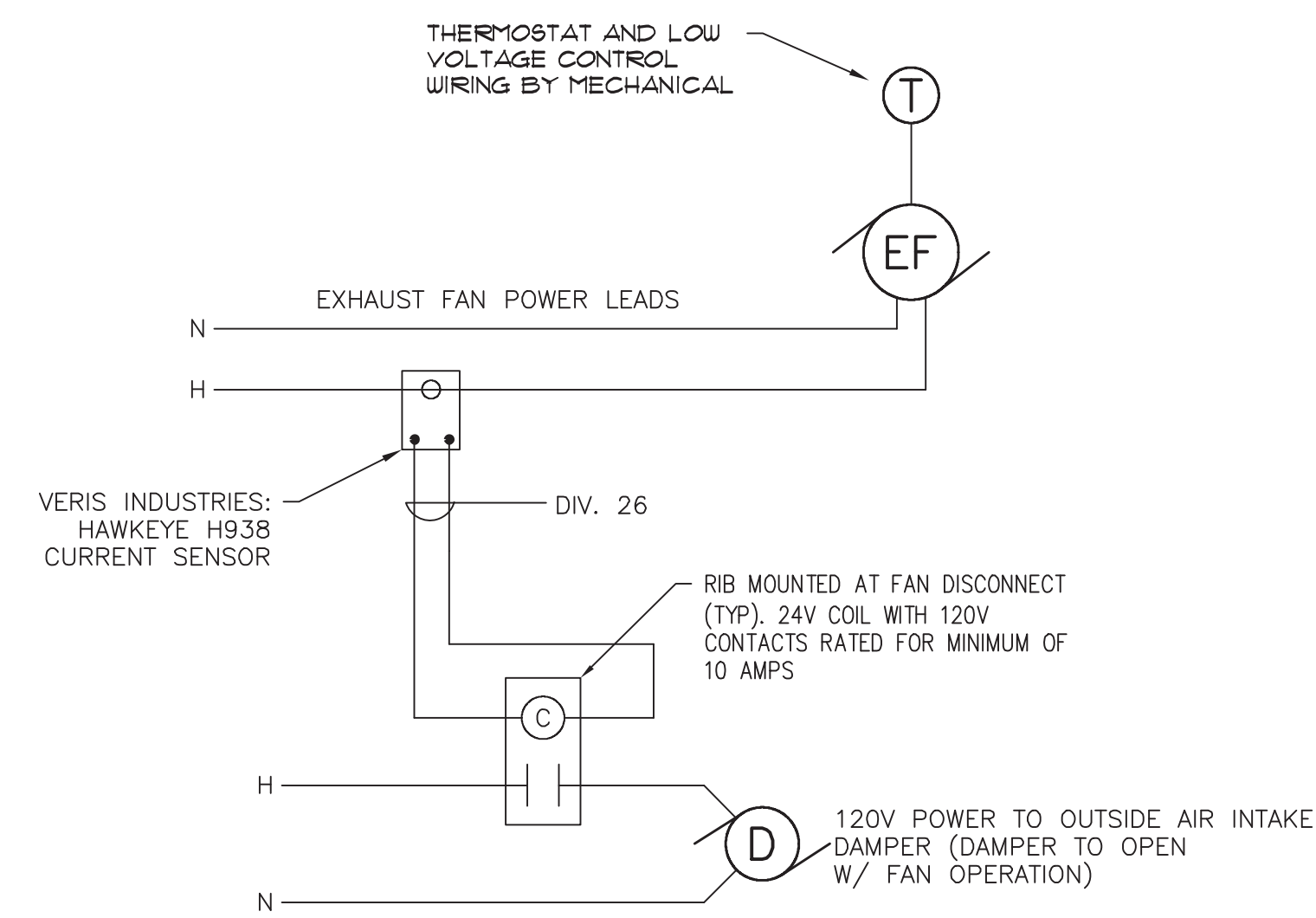
2PID 12/3/2024 FED FROM PANEL 'SDPIA' 24.21 Schedules
 ALL CIRCUIT CONDUCTORS SIZED FOR COPPER

PROJECT NOTES

- PROVIDE NEW 225 AMP, 120/208 VOLT, 3-PHASE PANEL '2PID'. MATCH EXISTING SIEMENS PANELS. CONNECT TO EXISTING 225/3 BREAKER IN SUB-DISTRIBUTION PANEL 'SDPIA'
- FIRE ALARM: EXTEND EXISTING FIRE DETECTION AND NOTIFICATION SYSTEM INTO CONCOURSE. PROVIDE ALL REQUIRED SMOKE DETECTION, VISUAL/HORN STROBES, AND OTHER NECESSARY APPURTENANCES FOR A COMPLETE SYSTEM. FIELD COORDINATE ALL REQUIREMENTS. CABLING SHALL BE IN CONDUIT UNLESS APPROVED IN WRITING BY THE ARCHITECT. EXISTING ADDRESSABLE EDWARDS EST PANEL LOCATED IN MAIN ELECTRICAL ROOM.
- EXIT SIGNS: CONNECT TO UNSWITCHED EMERGENCY LIGHTING CIRCUIT SERVING THIS AREA
- AT EXISTING UNDERSLAB CONDUIT PENETRATIONS: SAWCUT TO EXPOSE EXISTING CONDUITS THAT REQUIRE RE-ROUTING INTO WALL SPACE. SEE DEMO PLAN. FIELD COORDINATE ALL REQUIREMENTS WITH ARCHITECT.
- CONTRACTOR SHALL AVOID CREATING NEW PENETRATIONS IN EXISTING STEEL TUBE BEAMS AND COLUMNS WITHOUT ARCHITECT'S WRITTEN CONSENT.
- SEE E11 FOR LIGHTING ALTERNATE
- SEE E11 FOR EAST WINDBREAK ALTERNATE



2 PARTIAL 1-LINE DIAGRAM
 E1.0 DIAGRAMMATIC



3 DAMPER CONTROL DETAIL
 E1.0 DIAGRAMMATIC

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DOUBLE 'E' ENGINEERING, LLC
 Myrtle Point, Oregon
 www.ee-engineering.com

REGISTERED PROFESSIONAL ENGINEER
 06680
 JULY 18, 2000
 DEWEY L. PRIDE
 EXPIRES 12-31-28

PROJECT NO.: 24-012
COOS COUNTY AIRPORT DISTRICT - CONCOURSE CAPITAL IMPROVEMENT PROJECT
 COOS COUNTY AIRPORT DISTRICT
 2348 COLORADO AVE.
 NORTH BEND, OR 97459

DESIGN DEVELOPMENT

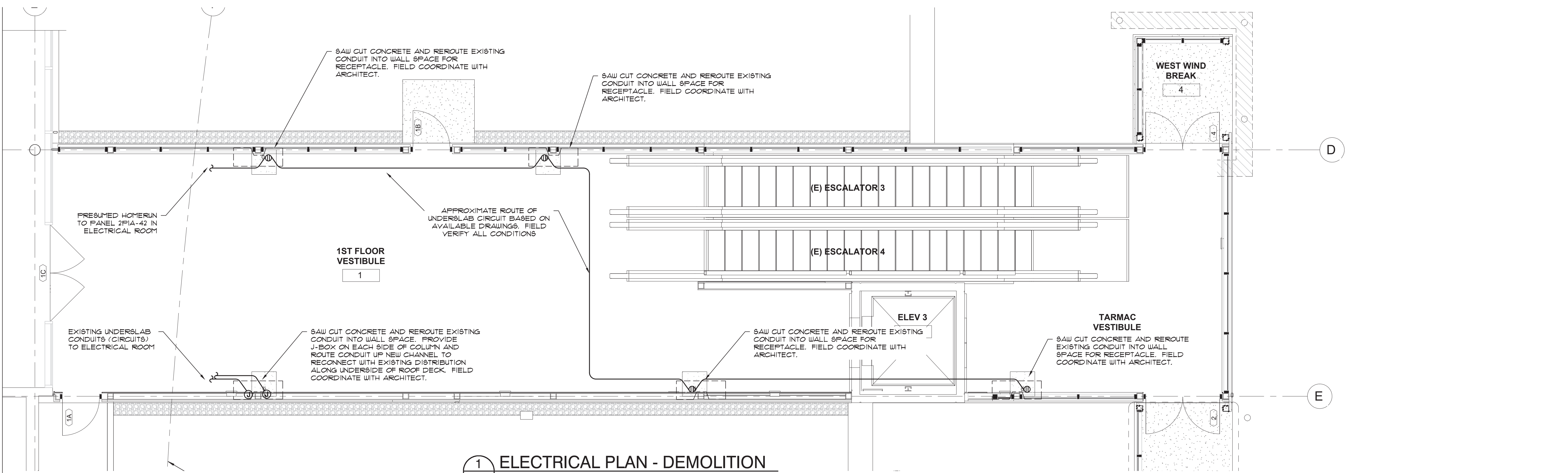
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DATE: FEBRUARY 2025
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ELECTRICAL PLAN

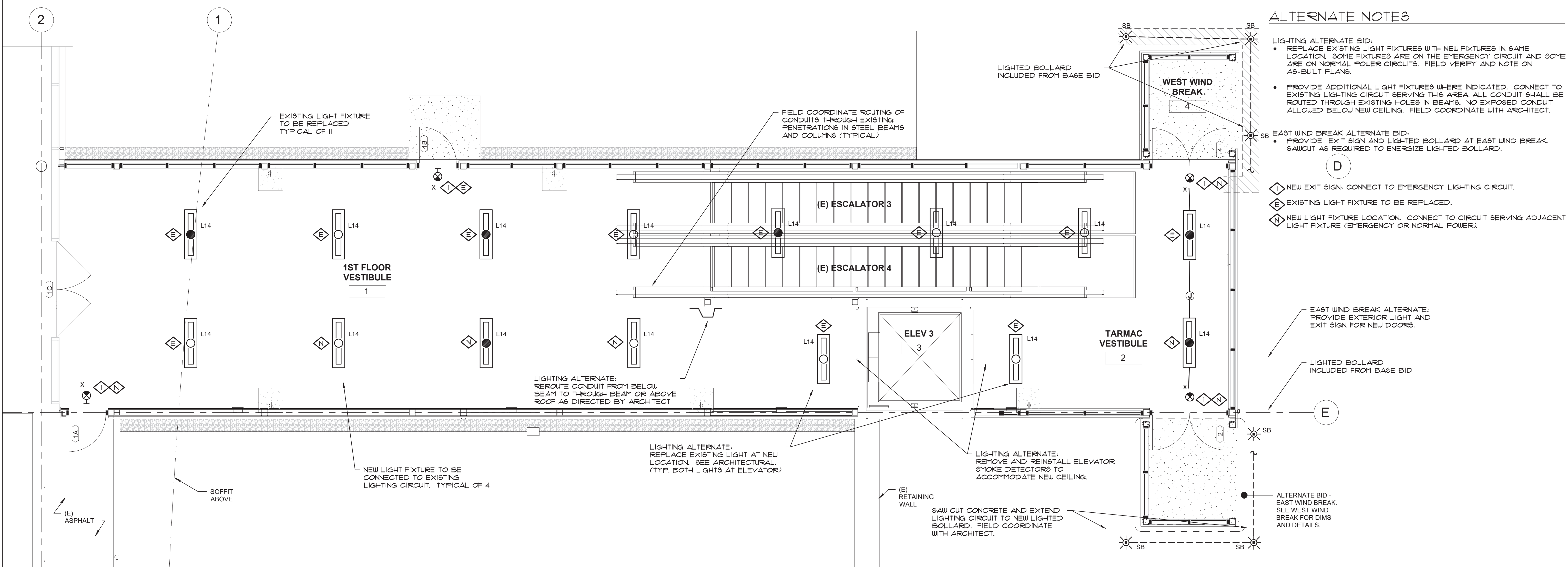
E1.0

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REVISIONS:	#	DATE	DESCRIPTION



1 ELECTRICAL PLAN - DEMOLITION
E1.1 SCALE: 1/4" = 1'-0"



1 ELECTRICAL PLAN - ALTERNATES
E1.1 SCALE: 1/4" = 1'-0"

ALTERNATE NOTES

- LIGHTING ALTERNATE BID:**
 - REPLACE EXISTING LIGHT FIXTURES WITH NEW FIXTURES IN SAME LOCATION. SOME FIXTURES ARE ON THE EMERGENCY CIRCUIT AND SOME ARE ON NORMAL POWER CIRCUITS. FIELD VERIFY AND NOTE ON AS-BUILT PLANS.
 - PROVIDE ADDITIONAL LIGHT FIXTURES WHERE INDICATED. CONNECT TO EXISTING LIGHTING CIRCUIT SERVING THIS AREA. ALL CONDUIT SHALL BE ROUTED THROUGH EXISTING HOLES IN BEAMS. NO EXPOSED CONDUIT ALLOWED BELOW NEW CEILING. FIELD COORDINATE WITH ARCHITECT.
- EAST WIND BREAK ALTERNATE BID:**
 - PROVIDE EXIT SIGN AND LIGHTED BOLLARD AT EAST WIND BREAK. SAUCUT AS REQUIRED TO ENERGIZE LIGHTED BOLLARD.

- NEW EXIT SIGN:** CONNECT TO EMERGENCY LIGHTING CIRCUIT.
- EXISTING LIGHT FIXTURE TO BE REPLACED.**
- NEW LIGHT FIXTURE LOCATION:** CONNECT TO CIRCUIT SERVING ADJACENT LIGHT FIXTURE (EMERGENCY OR NORMAL POWER).

EAST WIND BREAK ALTERNATE:
PROVIDE EXTERIOR LIGHT AND
EXIT SIGN FOR NEW DOORS.

LIGHTED BOLLARD
INCLUDED FROM BASE BID

ALTERNATE BID -
EAST WIND BREAK.
SEE WEST WIND
BREAK FOR DIMS
AND DETAILS.