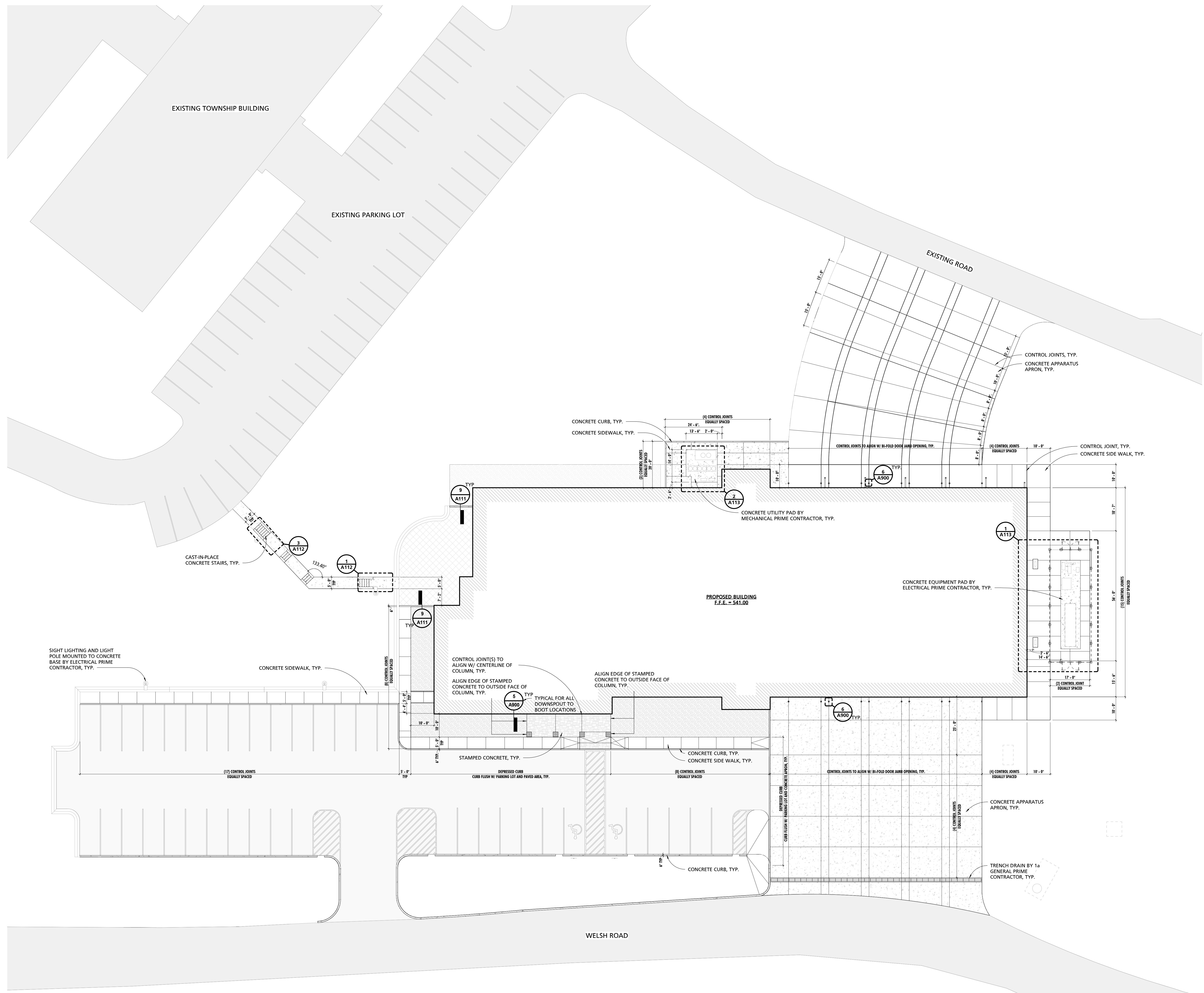
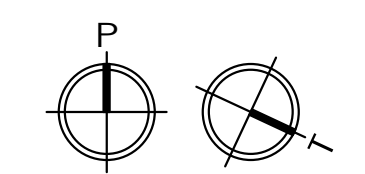


SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #6465311 EXPIRATION DATE: 6/30/2023

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1 SITE SLAB DIAGRAM
1/16" = 1'-0"



CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

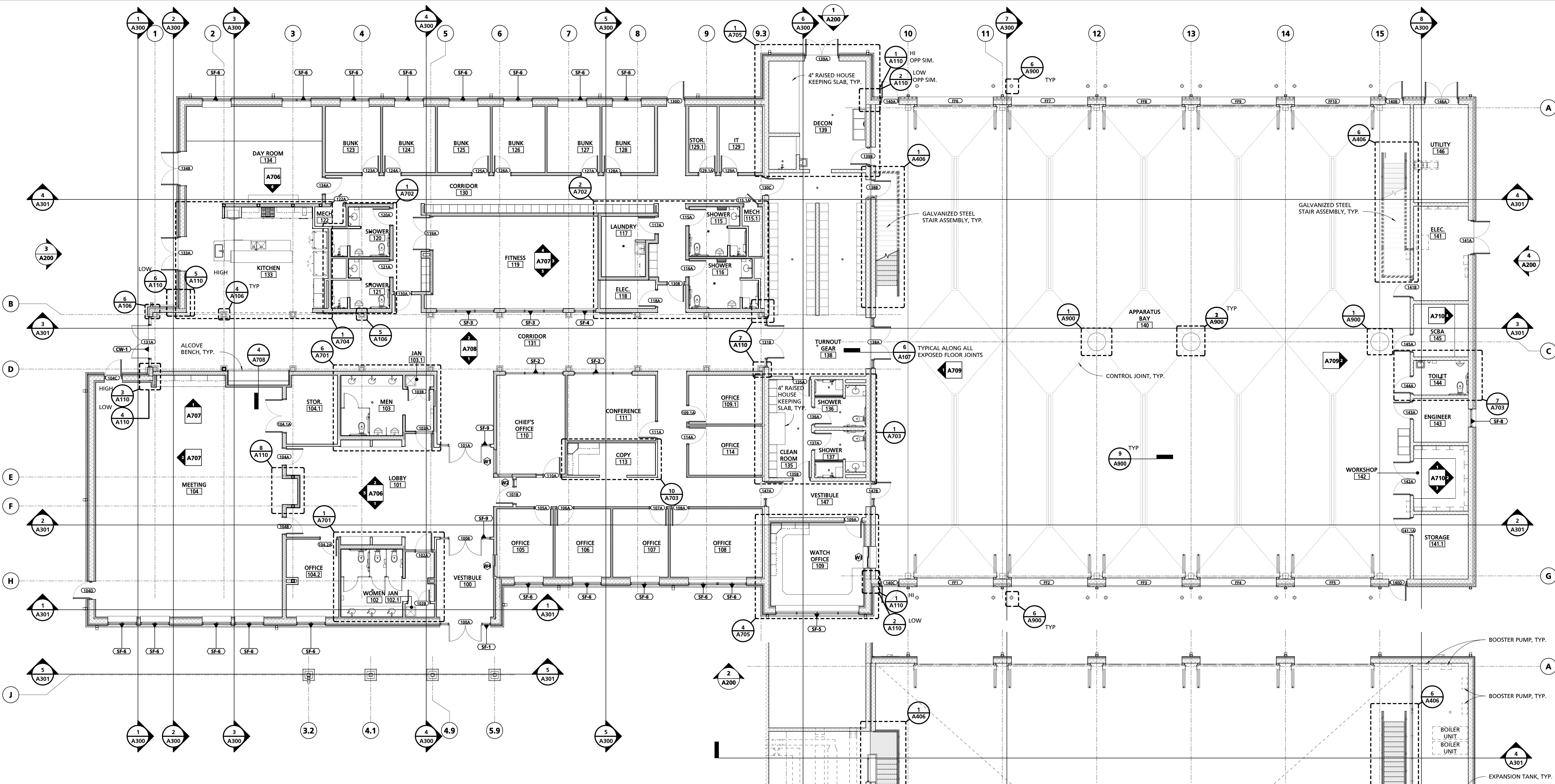
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DIAGRAM

SHEET NUMBER:
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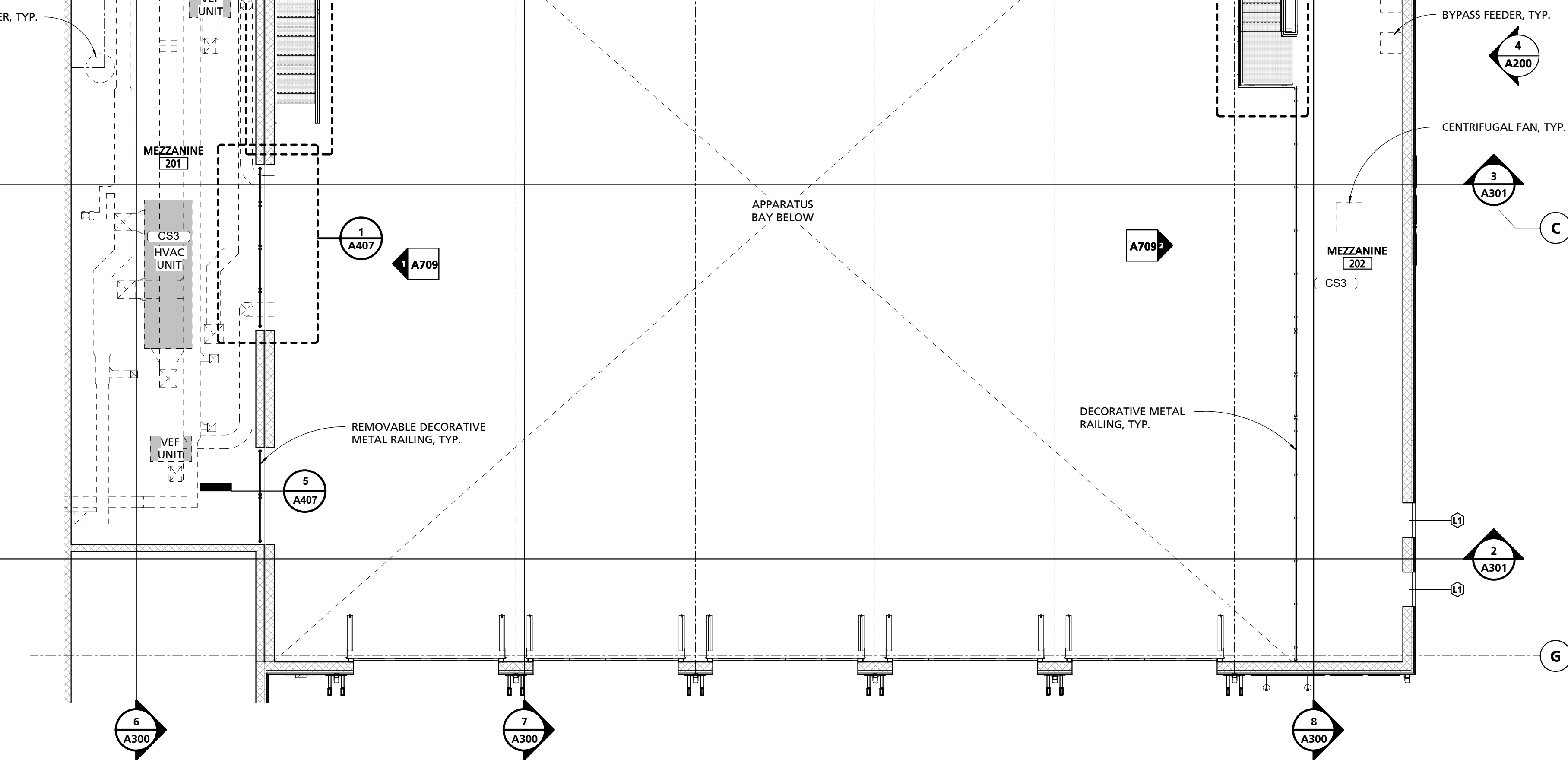
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1 REFERENCE PLAN
1/8" = 1'-0"



2 REFERENCE PLAN - MEZZANINE
1/8" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

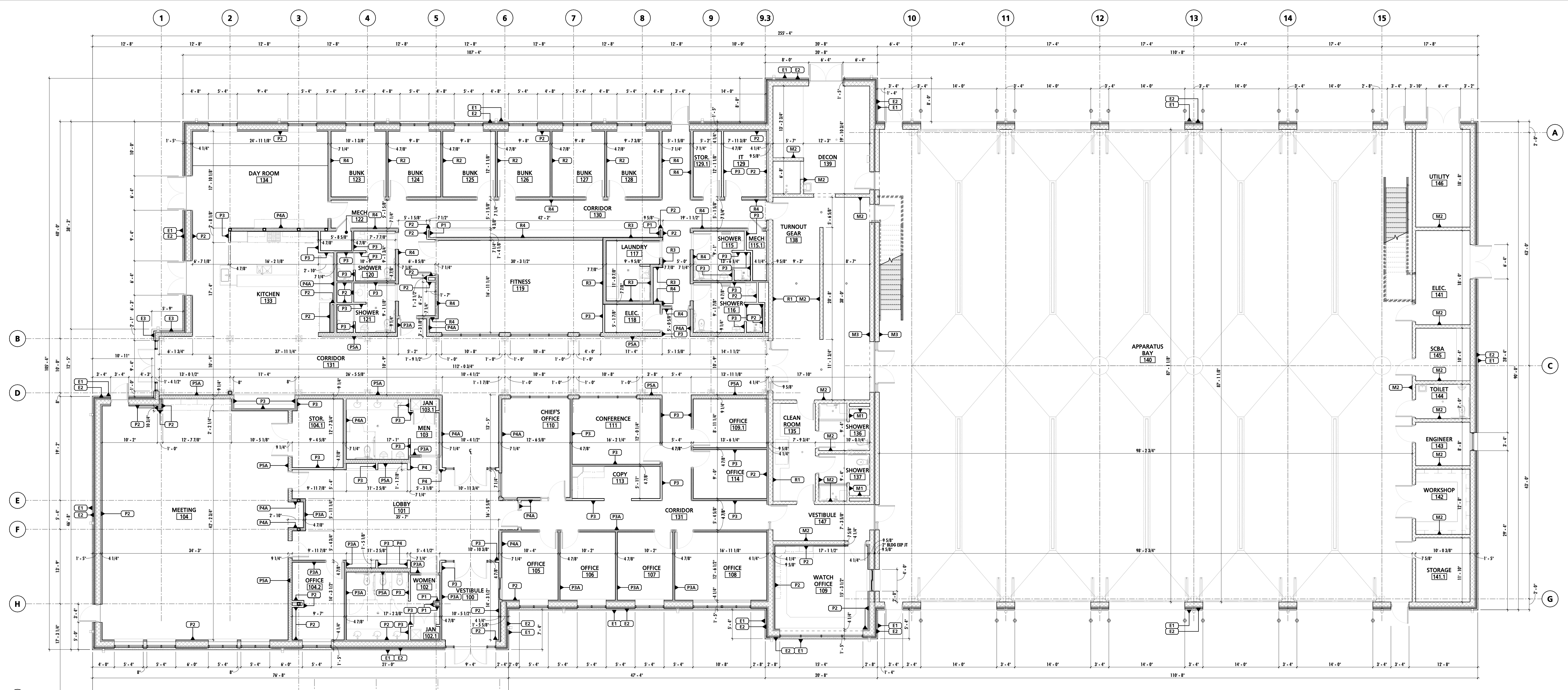
PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
REFERENCE PLAN
SHEET NUMBER:
A101

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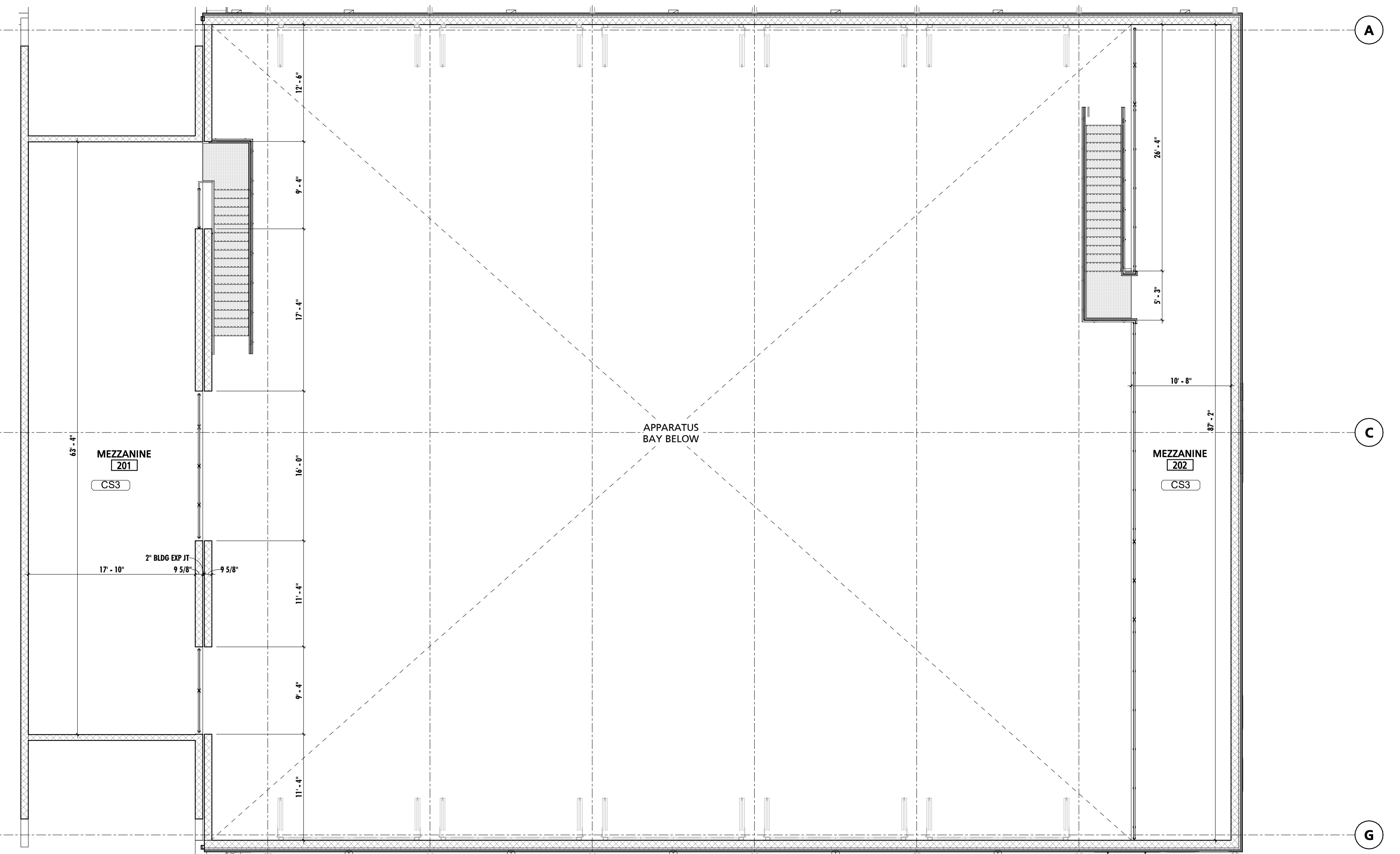
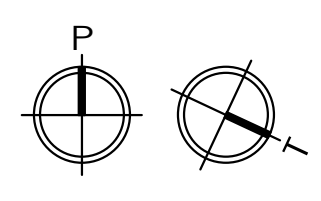
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1 DIMENSION PLAN
1/8" = 1'-0"

GENERAL DIMENSION PLAN NOTES

- G.C. SHALL VERIFY ALL DIMENSIONS AND CONDITIONS PRIOR TO THE COMMENCEMENT OF WORK. REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH ANY WORK.
- ALL DOOR JAMBS IN METAL STUD WALL SHALL BE A MINIMUM OF 4" FROM ADJACENT / PERPENDICULAR WALLS UNLESS NOTED OTHERWISE.
- REFER TO SLAB/MASONRY DIAGRAM AND ENLARGED PLANS & INT. ELEVATIONS SHEETS FOR ADDITIONAL DIMENSIONS.
- EXTERIOR DIMENSIONS AT EXTERIOR WALL ASSEMBLIES ARE TAKEN FROM THE OUTSIDE FACE OF CMU VENER BELOW.



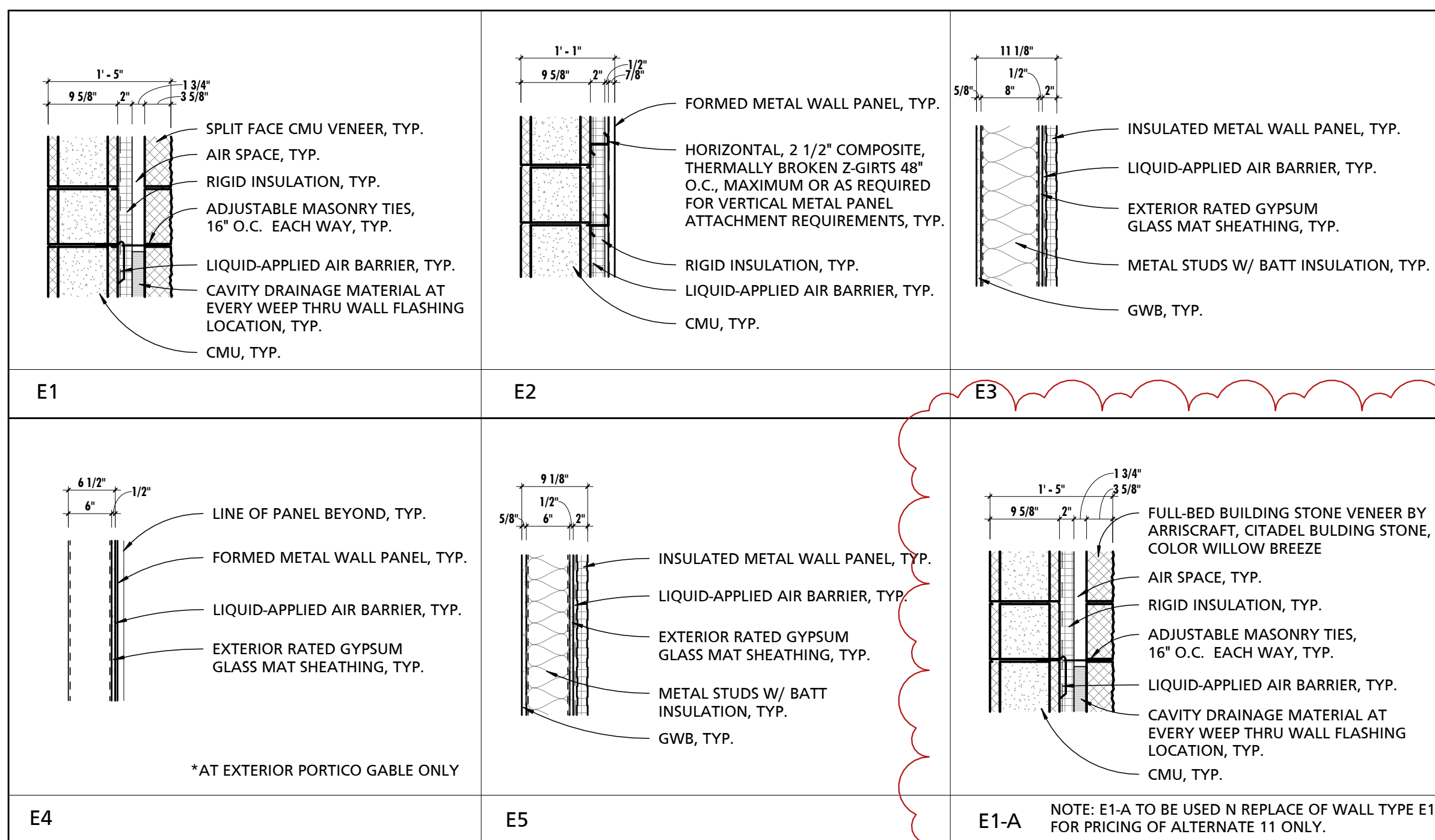
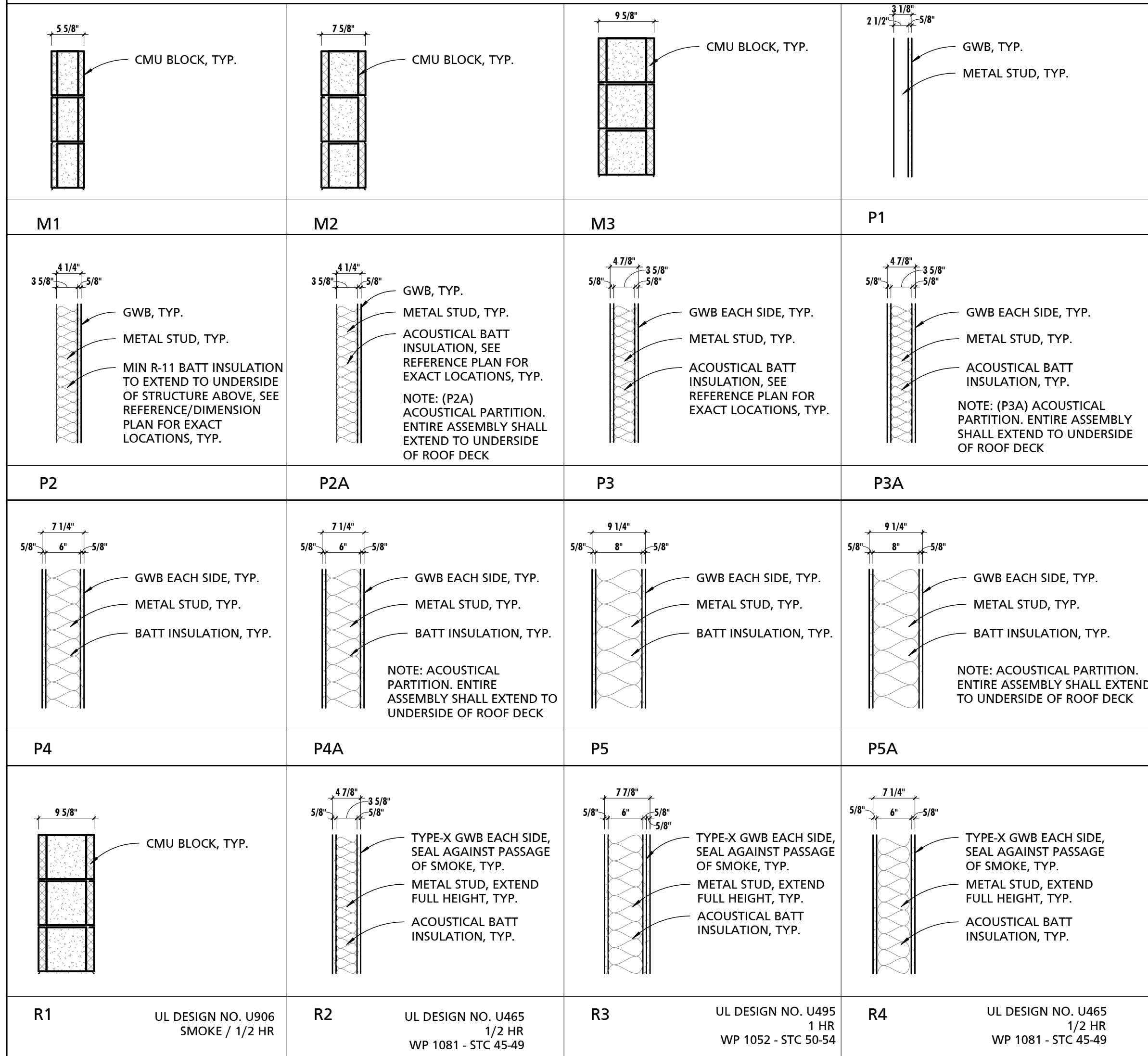
2 DIMENSION PLAN - MEZZANINE
1/8" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

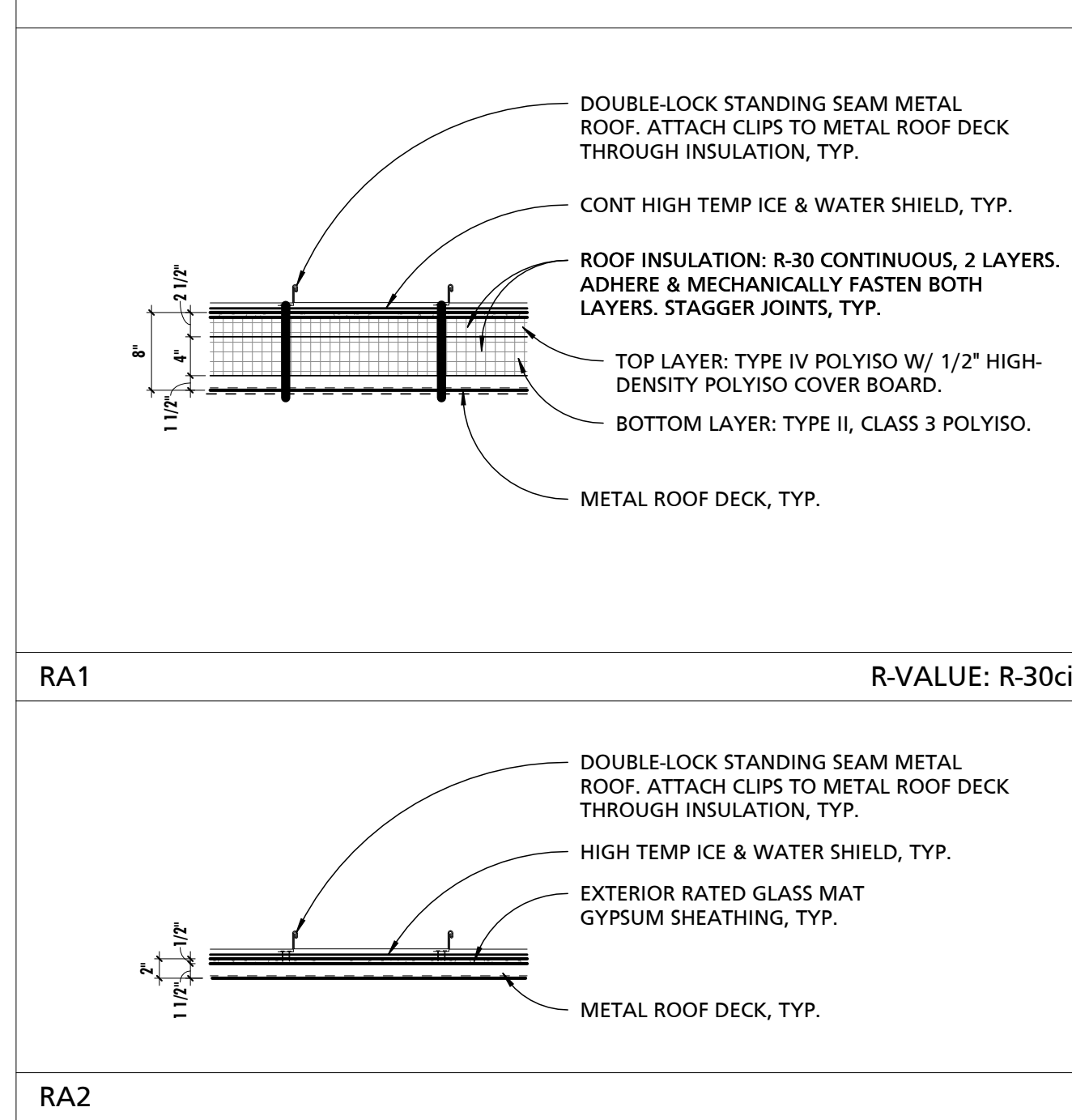
NO.	DESCRIPTION	DATE

PROJECT NUMBER:
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PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023
DRAWING TITLE:
DIMENSION PLAN
SHEET NUMBER:
A102

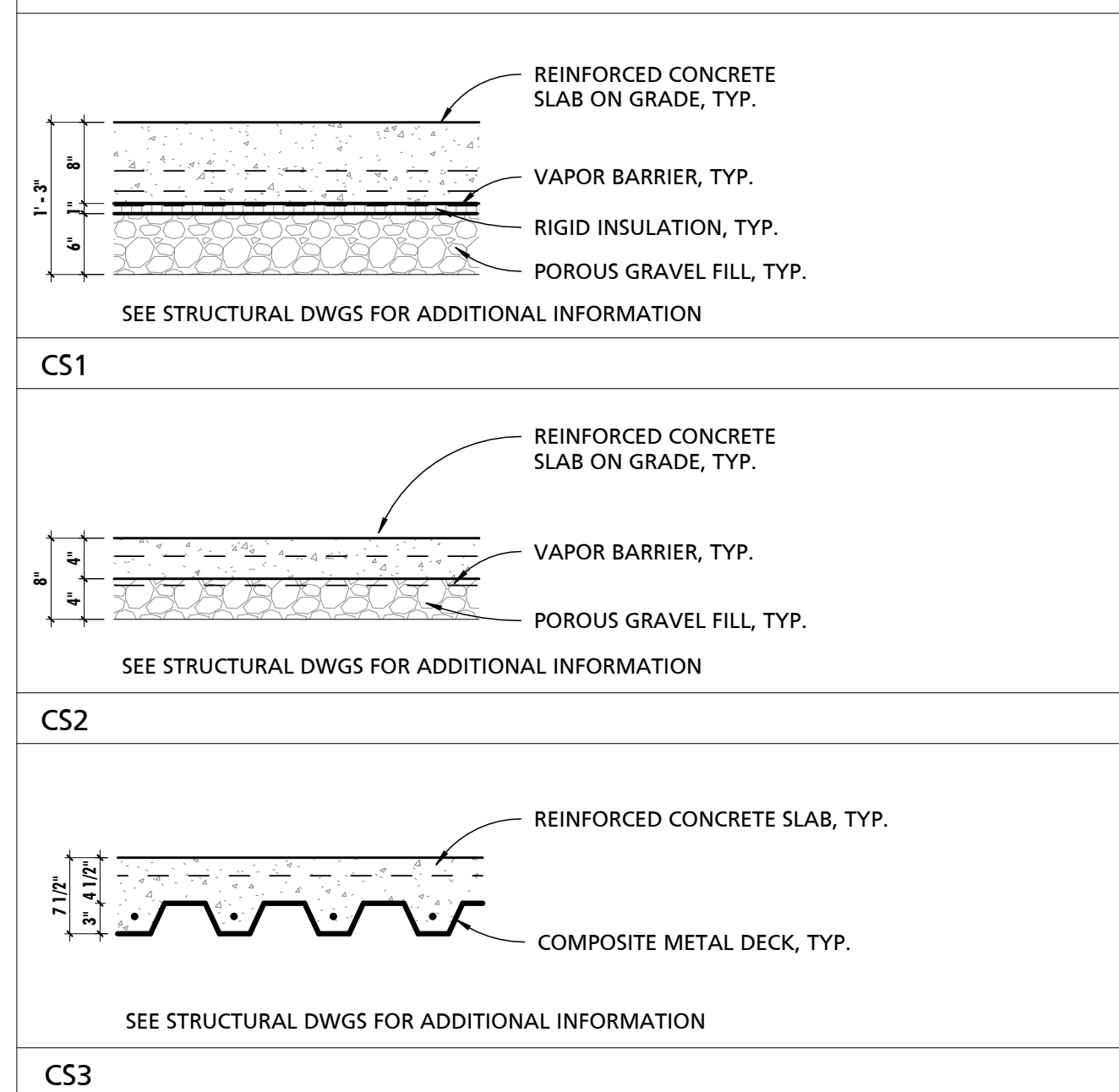
WALL ASSEMBLIES



ROOF ASSEMBLIES



SLAB ASSEMBLIES



GENERAL PARTITION NOTES

- ENTRY SPACES, LOBBIES, AND CORRIDORS TO RECEIVE IMPACT RESISTANT GYPSUM WALL BOARD, U.N.O.
- PROVIDE FIBERGLASS REINFORCED MOISTURE RESISTANT GYPSUM WALL BOARD IN ALL EQUIPMENT ROOMS, JANITOR'S CLOSETS, RESTROOMS, KITCHENS AND OTHER WET AREAS. PROVIDE FIBERGLASS REINFORCED MOISTURE RESISTANT WALL BOARD IN ALL OTHER AREAS WITHIN 8'-0" OF WATER SOURCE.
- CONTRACTOR SHALL PROVIDE BLOCKING AND WALLERS AS REQUIRED TO SUPPORT ALL NEW WORK, INCLUDING ITEMS TO BE PROVIDED AND/OR INSTALLED BY OWNER.
- ALL CORRIDOR AND FIRE-RATED PARTITIONS SHALL BE EXTENDED TO THE UNDERSIDE OF THE STRUCTURE ABOVE, U.N.O. THE PERIMETER WALLS OF ANY SPACE NOT PROVIDED WITH A CEILING SHALL EXTEND TO THE UNDERSIDE OF DECK ABOVE.
- PROVIDE DEFLECTION TRACKS AT TOP OF ALL NON-LOAD BEARING STUD WALLS EXTENDING TO THE UNDERSIDE OF STRUCTURE ABOVE, U.N.O.
- PROVIDE CONCRETE BACKER BOARD IN LIEU OF GYPSUM WALL BOARD WHERE TILE FINISH IS INDICATED.
- ALL FIRE WALLS SHALL BE PLACED OR STENCILED ON BOTH SIDES WITH THE PHRASE "FIRE WALL" PER IBC SECTION 703.1. THE LETTERS SHALL BE RED IN COLOR, 6" INCHES HIGH AND A MIN. OF 3/4" WIDE. THE PHRASE SHALL BE WRITTEN ONCE FOR EACH 15 FEET OF HORIZONTAL WALL LENGTH. THIS SIGNAGE MAY BE LOCATED IN THE CONCEALED SPACE ABOVE A CEILING.
- MOISTURE RESISTANT GYPSUM WALL BOARD SHALL BE UTILIZED IN ALL AREAS WHERE GYPSUM WALL BOARD IS TO BE DIRECTLY ADHERED TO CONCRETE OR MASONRY SURFACES IN INTERIOR APPLICATIONS. SUBSTRATE SHALL BE CLEANED AS REQUIRED AND FREE OF DUST, DEBRIS, AND MOISTURE PRIOR TO ADHESION AND FINISHING.
- CONSTRUCTION OF RATED WALL ASSEMBLIES SHALL BE IN ACCORDANCE WITH UL AND GYPSUM ASSEMBLY SPECIFICATIONS. REFER TO CODE PLANS FOR ADDITIONAL INFORMATION.
- PROVIDE A BULLNOSE CMU AT ALL OUTSIDE CORNERS OF INTERIOR MASONRY WALLS & SILLS.
- ALL PARTITIONS LABELED PIA ARE ACOUSTICALLY RATED AND SHALL EXTEND TO UNDERSIDE OF ROOF/MEZZANINE DECK ABOVE. PROVIDE REQUIRED DEFLECTION TRACK AT TOP PLATE CONNECTION POINT.

SCHEDULE - INTERIOR PARTITION & WALL TYPE

MARK	WIDTH	DESCRIPTION	FIRE RATING		STC RATING	
			RATING	ASSEMBLY REF.	ASSEMBLY REF.	RATING
M1	0' - 5 5/8"	6" CONCRETE MASONRY UNIT				
M2	0' - 7 5/8"	8" CONCRETE MASONRY UNIT				
M3	0' - 9 5/8"	10" CONCRETE MASONRY UNIT				
P1	0' - 3 1/8"	2-1/2" METAL STUD WITH 5/8" GYPSUM WALL BOARD ON ONE SIDE				
P2	0' - 4 1/4"	3-5/8" METAL STUD WITH 5/8" GYPSUM WALL BOARD ON ONE SIDE				
P3	0' - 4 7/8"	3-5/8" METAL STUD W/ 5/8" GYPSUM WALL BOARD EACH SIDE				
P3A	0' - 4 7/8"	3-5/8" METAL STUD W/ 5/8" GYPSUM WALL BOARD EACH SIDE			<varies> NGC 2018004	<varies> 50
P4	0' - 7 1/4"	6" METAL STUD W/ 5/8" GYPSUM WALL BOARD EACH SIDE				
P4A	0' - 7 1/4"	6" METAL STUD W/ 5/8" GYPSUM WALL BOARD EACH SIDE				<varies> <varies>
P5	0' - 9 1/4"	8" METAL STUD W/ 5/8" GYPSUM WALL BOARD EACH SIDE				
P5A	0' - 9 1/4"	8" METAL STUD W/ 5/8" GYPSUM WALL BOARD EACH SIDE				50
R1	0' - 9 5/8"	SEE CODE PLANS	SMOKE	U 906		45-49
R2	0' - 4 7/8"	SEE CODE PLANS	1	U465		45-49
R3	0' - 7 7/8"	SEE CODE PLANS	1	UL495		50-54
R4	0' - 7 1/4"	SEE CODE PLANS	1/2	U465		45-49

SCHEDULE - EXTERIOR WALL TYPE

MARK	WIDTH	DESCRIPTION	MIN. R-VALUE	
			R	R-CI
E1	17"	9-5/8" CMU W/ LIQUID APPLIED AIRBARRIER W/ 2" RIGID INSULATION W/ ADJUSTABLE MASONRY TIE 16" O.C. VERTICALLY & HORIZONTALLY 32" O.C. STAGGERED EACH ROW W/ 1-3/4" AIR SPACE W/ 3-5/8" SPLIT FACE CMU VENEER	N/A	R-11.4
E2	13-3/8"	9-5/8" CMU W/ LIQUID APPLIED AIR BARRIER W/ 2" RIGID INSULATION & HORIZONTAL 2 1/2" COMPOSITE, THERMALLY BROKEN Z-GIRTS 48" O.C. W/ PRE-FINISHED VERTICAL METAL PANEL	N/A	R-11.4
E3	11-1/8"	5/8" GWB W/ 8" METAL STUD W/ BATT INSULATION W/ 1/2" EXTERIOR RATED GYPSUM GLASS MAT SHEATHING W/ LIQUID APPLIED AIR BARRIER W/ PRE-FINISHED HORIZONTAL INSULATED METAL WALL PANEL	N/A	R-7.5
E4	6-1/2"	6" METAL STUD W/ 1/2" EXTERIOR RATED GYPSUM GLASS MAT SHEATHING W/ LIQUID APPLIED AIR BARRIER W/ VERTICAL METAL PANEL	N/A	N/A
E5	9-1/8"	6" METAL STUD W/ 8" METAL STUD W/ R-19 BATT INSULATION W/ 1/2" EXTERIOR RATED GYPSUM GLASS MAT SHEATHING W/ LIQUID APPLIED AIR BARRIER W/ 2" INSULATED HORIZONTAL CORRUGATED METAL PANEL	R-13	R-7.5

SCHEDULE - ROOF TYPES

MARK	DESCRIPTION	MIN. R-VALUE	
		R	R-CI
RA1	STANDING SEAM METAL ROOF PANEL OVER ICE & WATER SHIELD, 2 1/2" POLYISO COMPOSITE PANEL W/ 1/2" HIGH-DENSITY POLYISO COVER BOARD, 4" POLYISO RIGID INSULATION AND 1-1/2" METAL ROOF DECK		R-30
RA2	STANDING SEAM METAL ROOF PANEL OVER ICE & WATER SHIELD, 1/2" EXTERIOR RATED GYPSUM GLASS MAT SHEATHING AND 1-1/2" METAL ROOF DECK		

SCHEDULE - SLAB ASSEMBLY TYPES

MARK	THICKNESS	DESCRIPTION	MIN. R-VALUE	
			R	R-CI
CS1	1' - 3"	8" REINFORCED CONCRETE SLAB ON GRADE W/ VAPOR BARRIER W/ 1" RIGID INSULATION W/ 6" POROUS GRAVEL FILL		R-5
CS2	<varies>	4" REINFORCED CONCRETE SLAB ON GRADE W/ VAPOR BARRIER W/ 4" POROUS GRAVEL FILL		
CS3	0' - 7 1/2"	4 1/2" REINFORCED CONCRETE SLAB W/ 3" COMPOSITE METAL DECK		

SEAL: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #6405311 EXPIRATION DATE: 6-30-2023

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CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE
3	Addendum 3	01/19/24

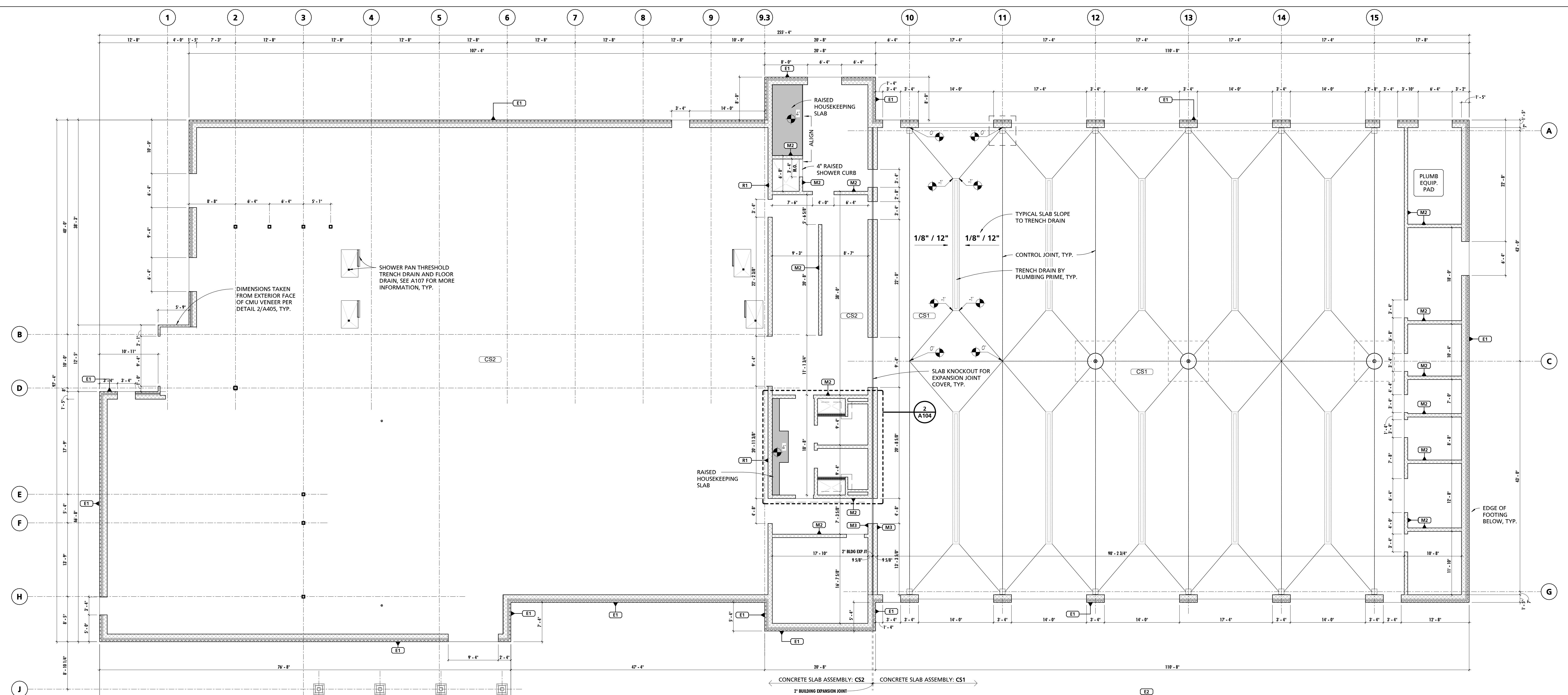
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PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
CONSTRUCTION TYPES

SHEET NUMBER:
A103

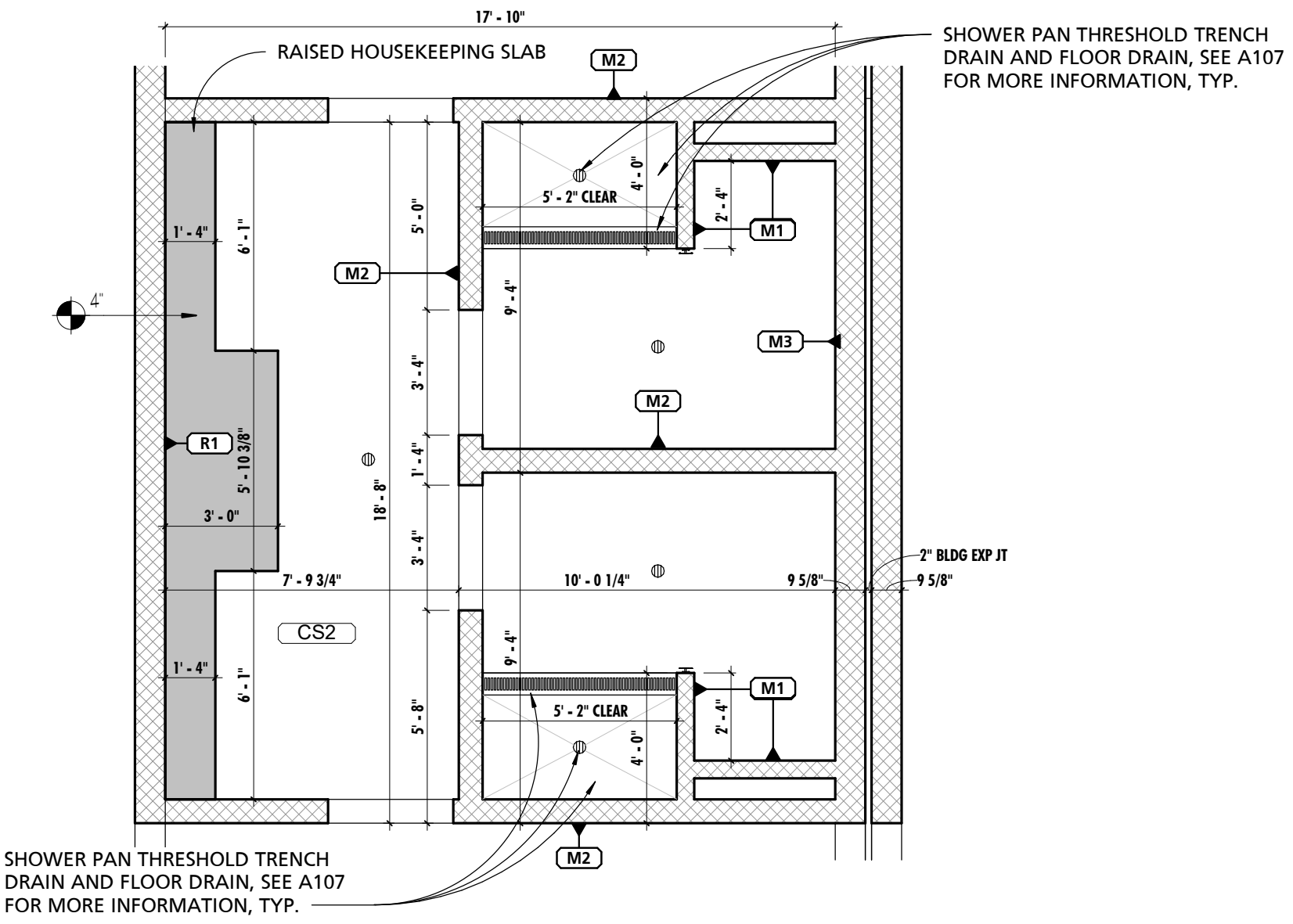
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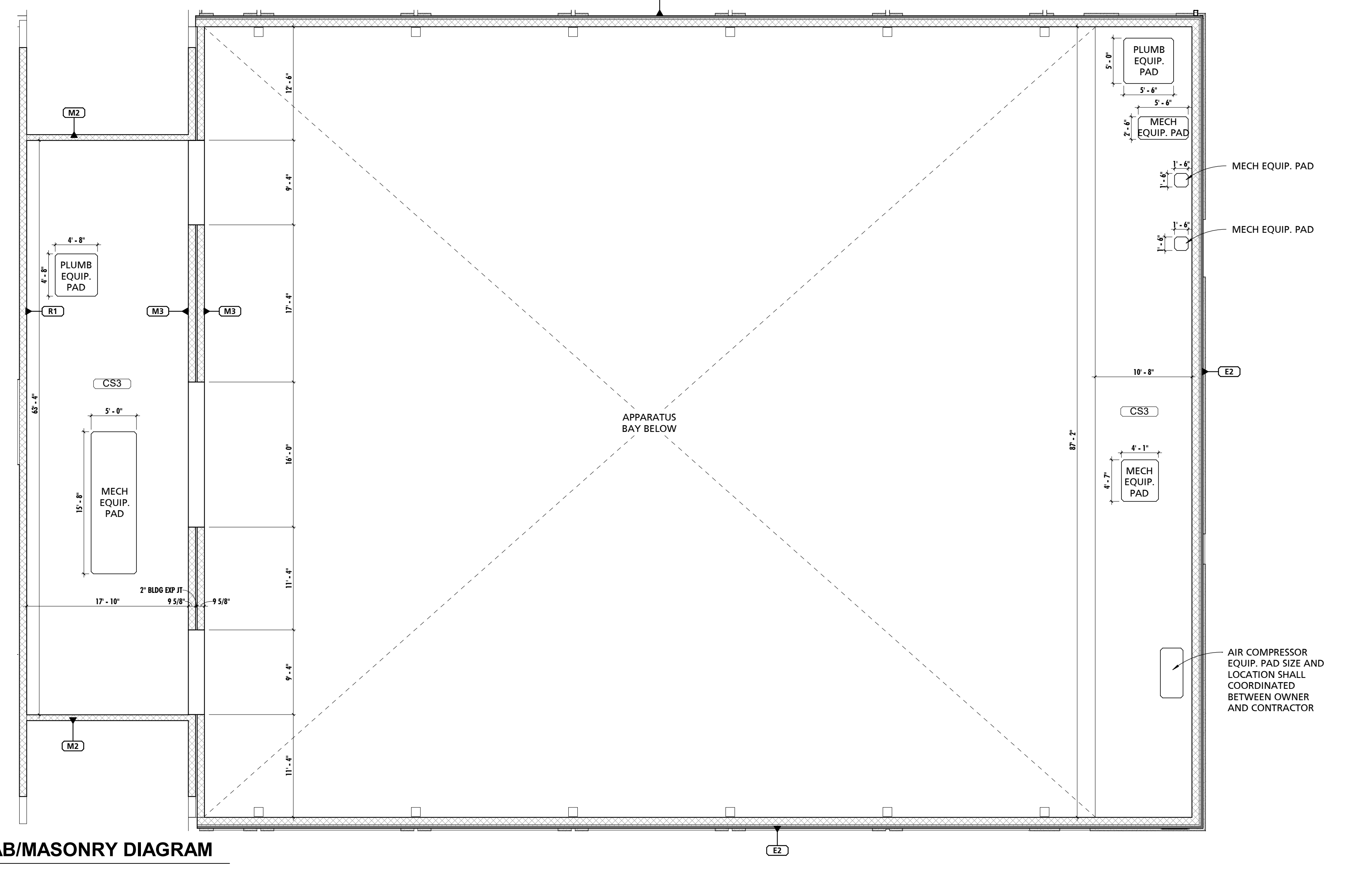
1 SLAB/MASONRY DIAGRAM
1/8" = 1'-0"

- GENERAL NOTES:**
1. PRIME CONTRACTORS SHALL BE RESPONSIBLE FOR SLOPING SLABS AS REQUIRED TO PROVIDE PROPER FALL TOWARDS ALL FLOOR DRAINS.
 2. REFERENCE PLUMBING DRAWINGS FOR FLOOR & TRENCH DRAIN LOCATIONS. WHERE FLOOR DRAINS ARE TO BE INSTALLED PROVIDE ADEQUATE SLOPE WITHIN SLAB TO DRAIN.
 3. REFERENCE DIMENSION PLAN FOR WINDOW AND STOREFRONT OPENINGS ABOVE E1 WALL TYPE.
 4. PRIME CONTRACTORS TO COORDINATE WITH MEP DRAWINGS FOR ALL REQUIRED OPENINGS WITHIN MEZZANINE SLABS.
 5. PRIME CONTRACTORS TO COORDINATE FINAL SIZE AND LOCATIONS OF ALL MEP EQUIPMENT PADS WITH THEIR APPLICABLE INSTALLATION REQUIREMENTS.



2 ENLARGED SLAB/MASONRY DIAGRAM
1/4" = 1'-0"

4 MEZZANINE SLAB/MASONRY DIAGRAM
1/8" = 1'-0"



CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

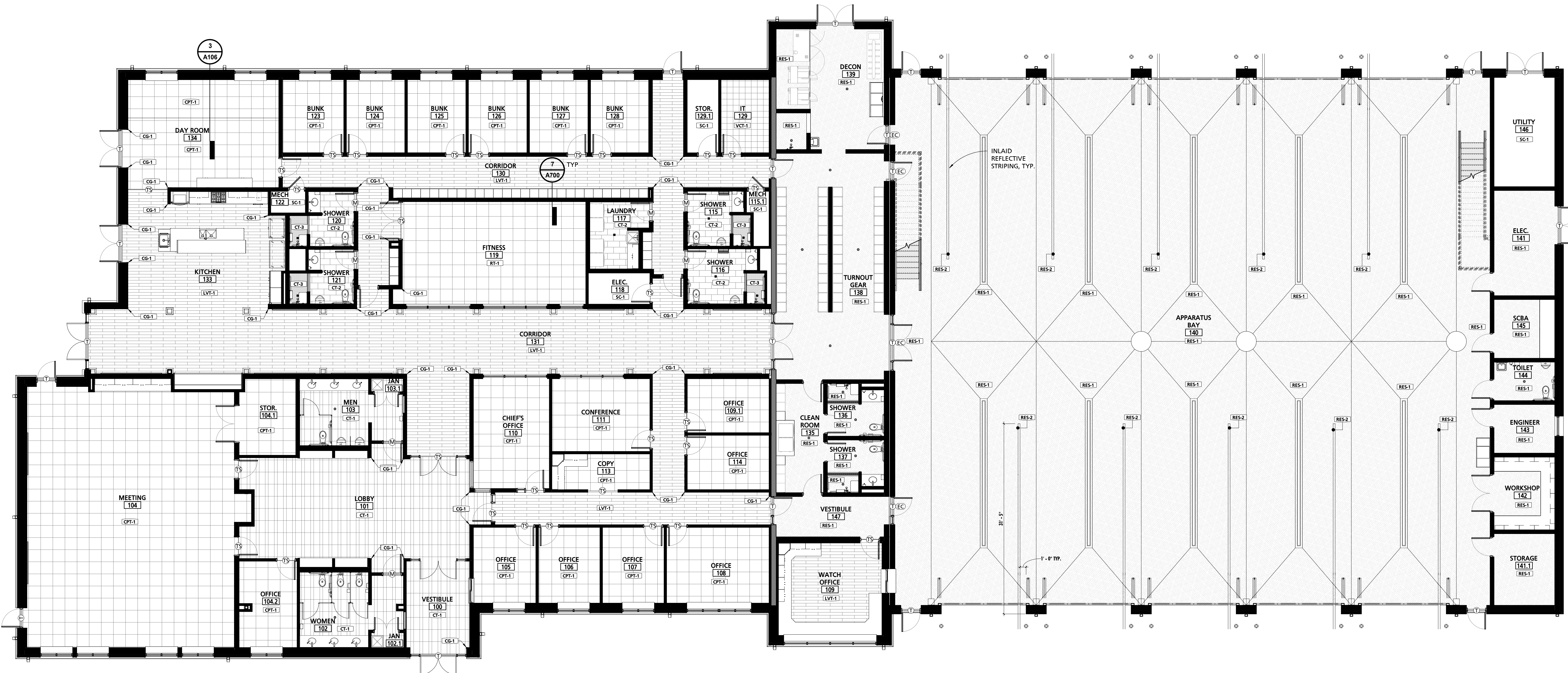
NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023
DRAWING TITLE:
SLAB/MASONRY
DIAGRAM
SHEET NUMBER:
A104

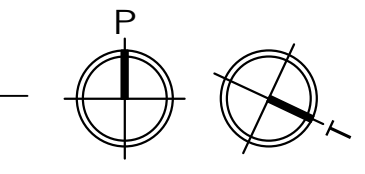
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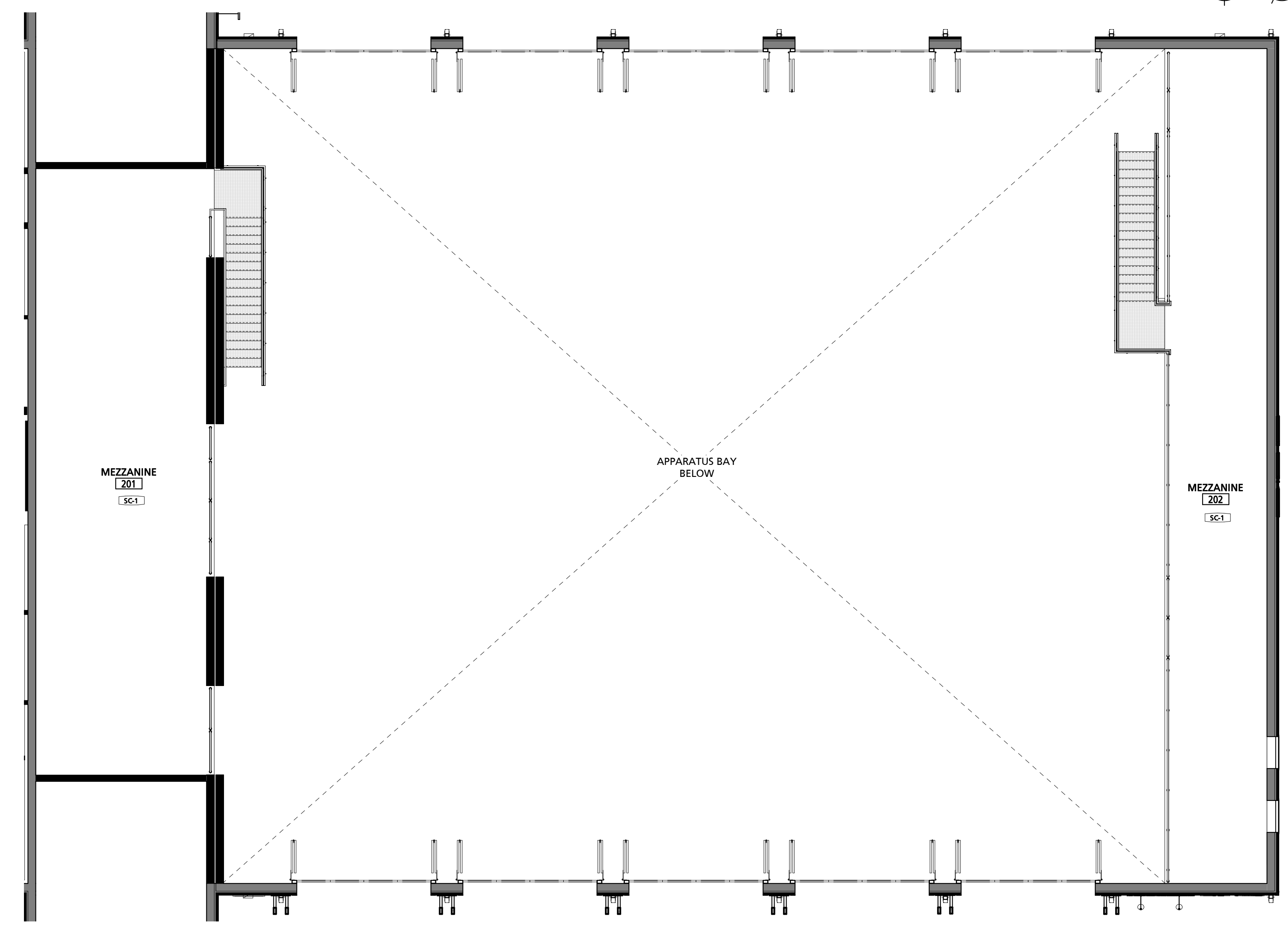
1 FINISH PLAN
1/8" = 1'-0"



FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	COMMENTS
BT-1	6" x 24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	
BT-2	3" x 12" CERAMIC TILE BASE	DALTILE	LINDEN POINT	
BT-3	4" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
BT-4	6" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
CG-1	CORNER GUARD	PROTEK SYSTEMS	CG-20R	
CP-1	24"x24" CARPET TILE	MOHAWK GROUP	963 HERITAGE	
CT-1	6"x24" & 12"x24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	6"x24" & 12"x24" STACKED PATTERN - PATTERN B32
CT-2	12"x24" CERAMIC TILE	DALTILE	LINDEN POINT	
CT-3	2"x2" GLAZED CERAMIC MOSAIC	DALTILE	LINDEN POINT	
CT-4	12"x24" CERAMIC WALL TILE	DALTILE	LINDEN POINT	
CT-5	3"x6" CERAMIC SUBWAY WALL TILE	DALTILE	RETROSPACE	
FRP-1	FIBER REINFORCED PANELING	MARLITE	STANDARD FRP	SMOOTH TEXTURE
FRP-2	FIBER REINFORCED PANELING	MARLITE	ARTIZAN	STACKED PATTERN
HPC-1	HIGH PERFORMANCE COATING - COLOR 1	SHERWIN-WILLIAMS	TBD	
HPC-2	HIGH PERFORMANCE COATING - COLOR 2	SHERWIN-WILLIAMS	TBD	<varies>
HPC-3	HIGH PERFORMANCE COATING - COLOR 3	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED STEEL STRUCTURE, U.N.O.
HPC-4	HIGH PERFORMANCE COATING - COLOR 4	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED METAL DECK, U.N.O.
LVT-1	LUXURY VINYL TILE	ARMSTRONG	NATURAL CREATIONS	NATURAL CREATIONS WITH DIAMOND 10 TECHNOLOGY
PL-1	PLASTIC LAMINATE	FORMICA	TBD	
PL-2	PLASTIC LAMINATE	FORMICA	TBD	
PT-1	PAINT - COLOR 1	SHERWIN-WILLIAMS	TBD	
RES-1	RESINOUS FLOORING - COLOR 1	BSF	URETE HP/F	
RES-2	RESINOUS FLOORING - COLOR 2	BSF	URETE HP/F	
RES-3	RESINOUS FLOORING - COLOR 1	BSF	URETE RG	RESIN WALL SYSTEM IN SHOWER STALLS 136 & 137
RT-1	RESILIENT ATHLETIC FLOORING	JOHNSONITE	REPLAY COMMOTION	
SC-1	SEALED CONCRETE			
SIM-1	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SIM-2	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SP-1	SOUND PANEL	ARMSTRONG	SOUNDSOAK	
SP-2	SOUND PANEL	KIREI	ECHOPANEL	24mm THICK PANELS
SS-1	SOLID SURFACE COUNTERTOP	CORIAN	DUPONT	
VCT-1	STATIC-DISSIPATIVE VINYL COMPOSITE TILE	ARMSTRONG	EXCELON SDT	SEE SPECIFICATIONS FOR GROUNDING REQUIREMENTS.

TRANSITION ANNOTATIONS	
TS	TRANSITION STRIP
EC	EXPANSION JOINT COVER
M	MARBLE THRESHOLD
T	ALUMINUM THRESHOLD

NOTE:
REFER TO SHEET (A106) FOR FLOOR TRANSITIONS DETAILS.
REFER TO SHEET (A601) & (A603) FOR INTERIOR AND EXTERIOR ALUMINUM THRESHOLDS.



2 FINISH PLAN - MEZZANINE
1/8" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

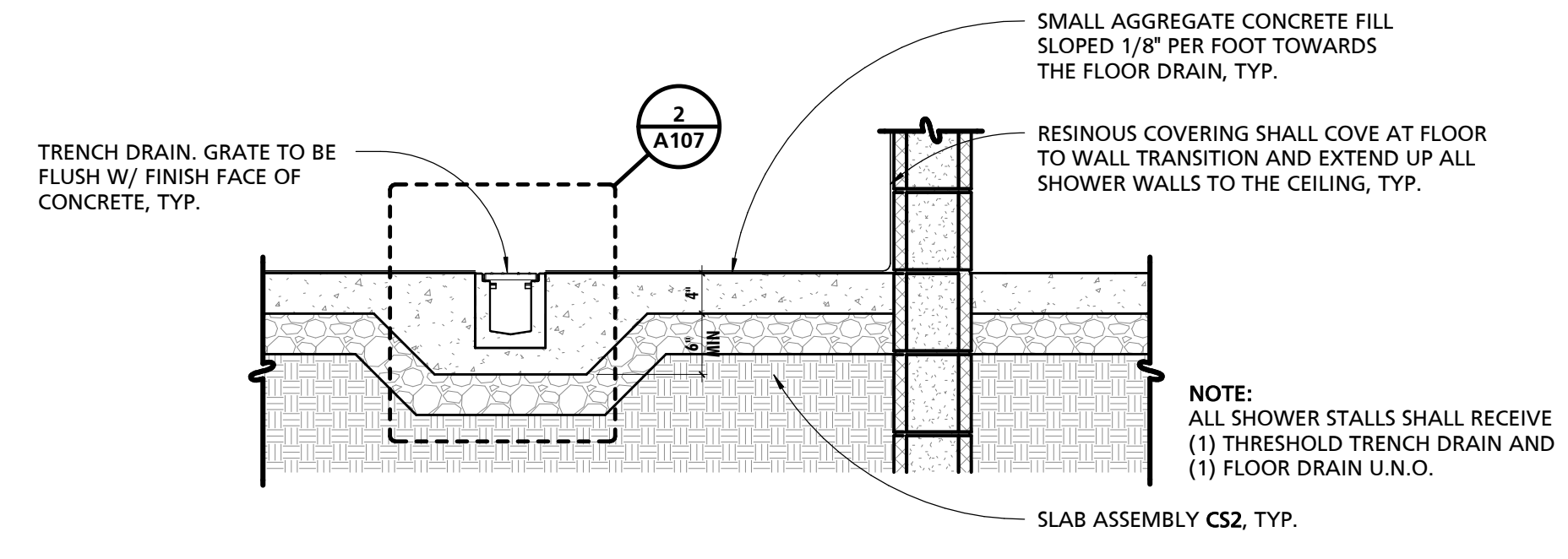
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DATE ISSUED:
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FINISH PLAN
SHEET NUMBER:
A105

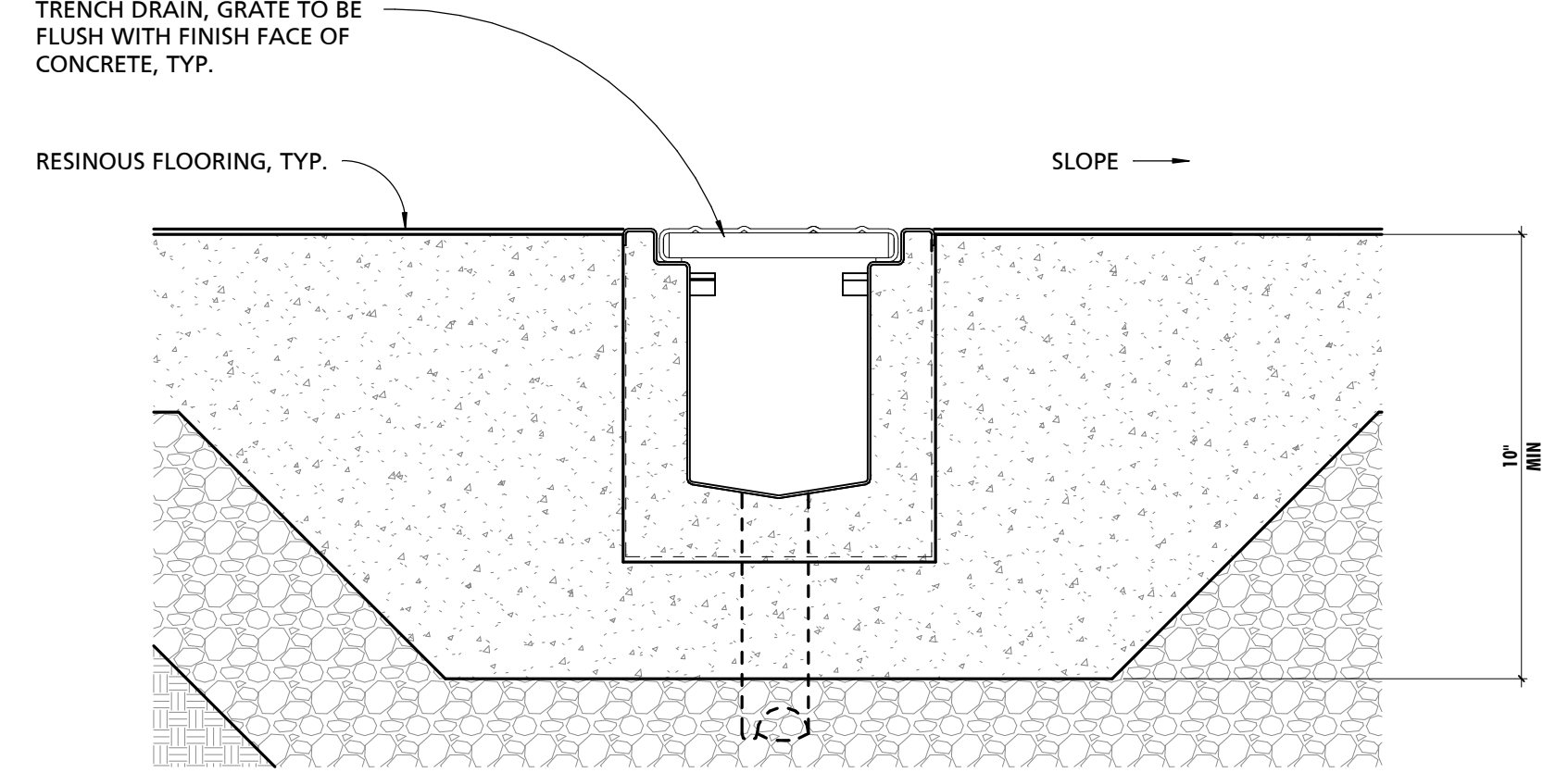
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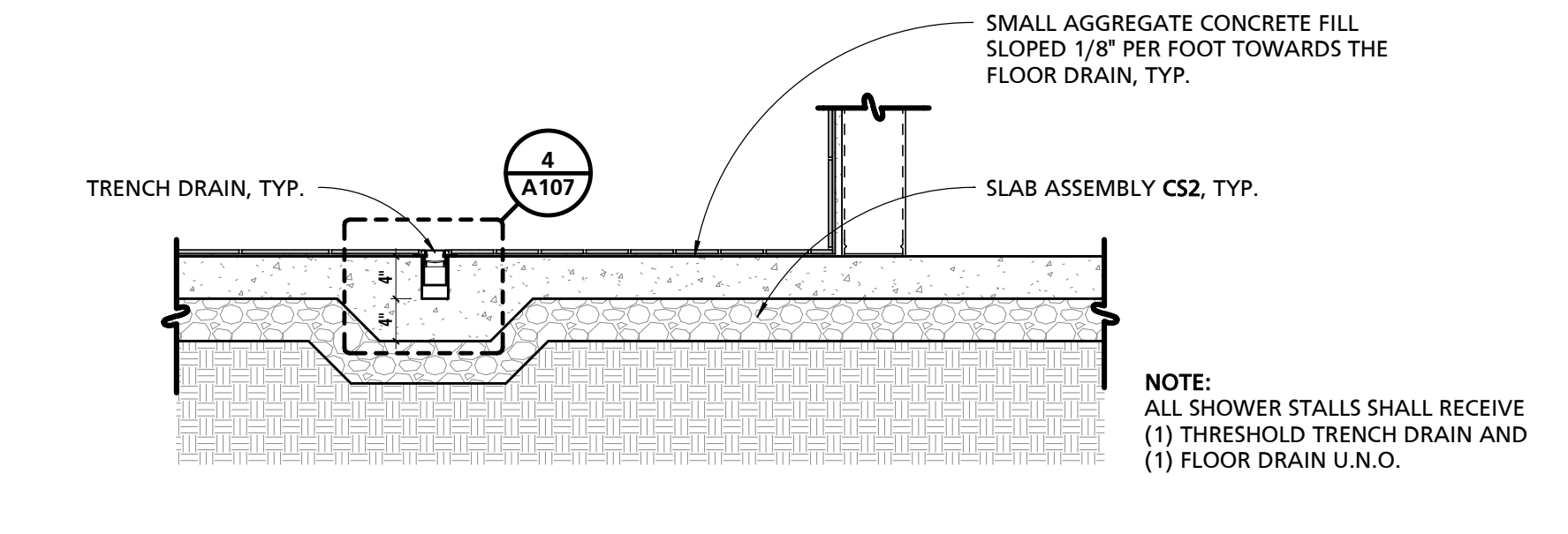
THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDITION TO THIS CONFORMED SET. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, DRAWINGS, SPECIFICATIONS, ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.



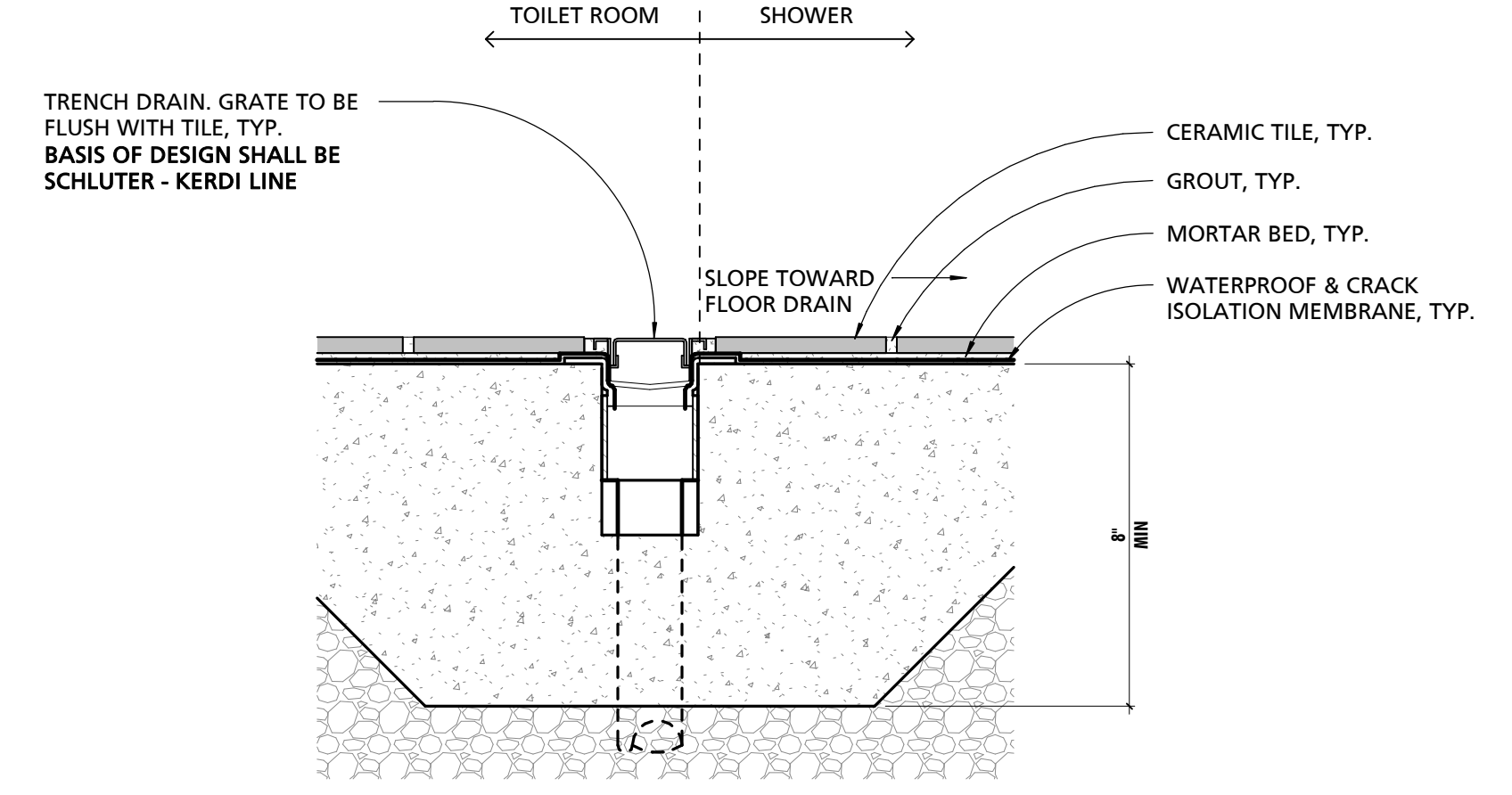
1 TYPICAL RESINOUS SHOWER SECTION DETAIL
3/4" = 1'-0"



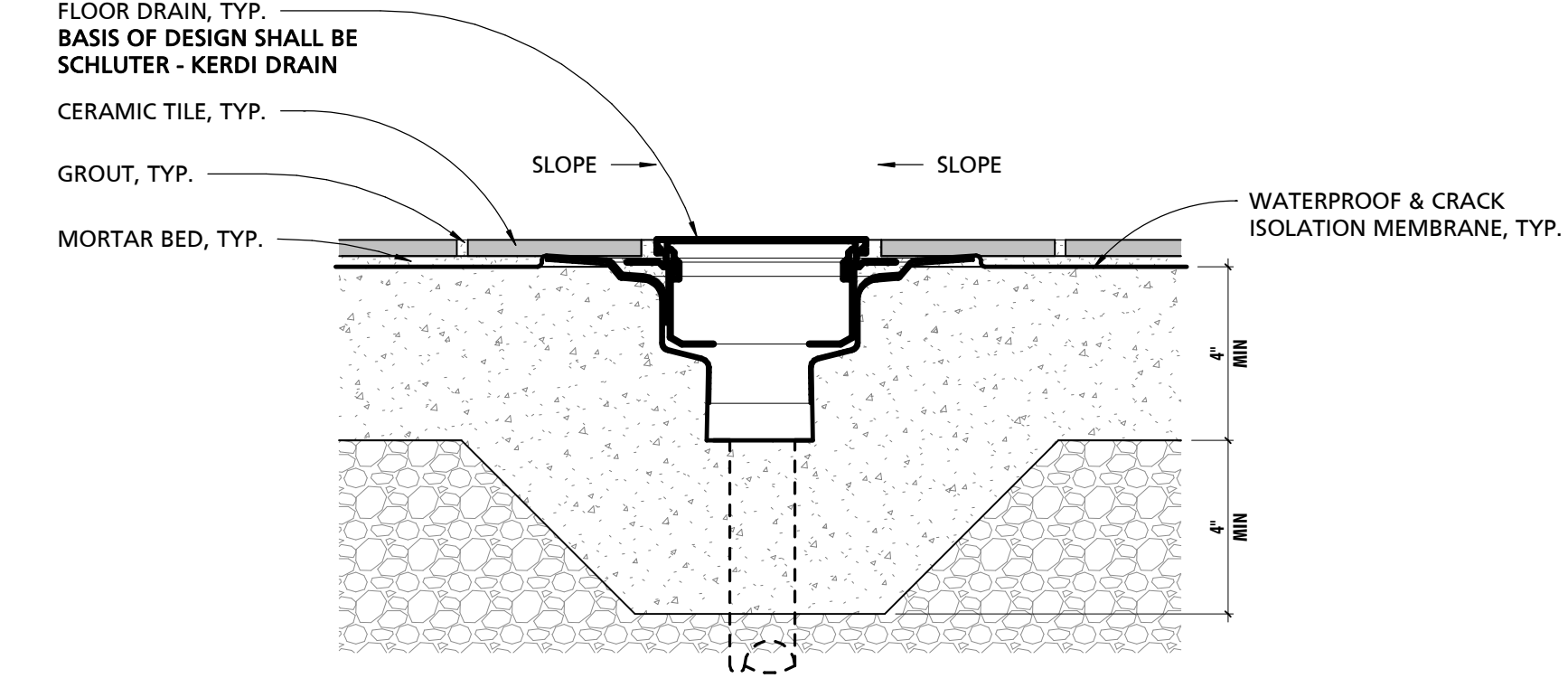
2 TYPICAL RESINOUS SHOWER TRENCH DRAIN
3" = 1'-0"



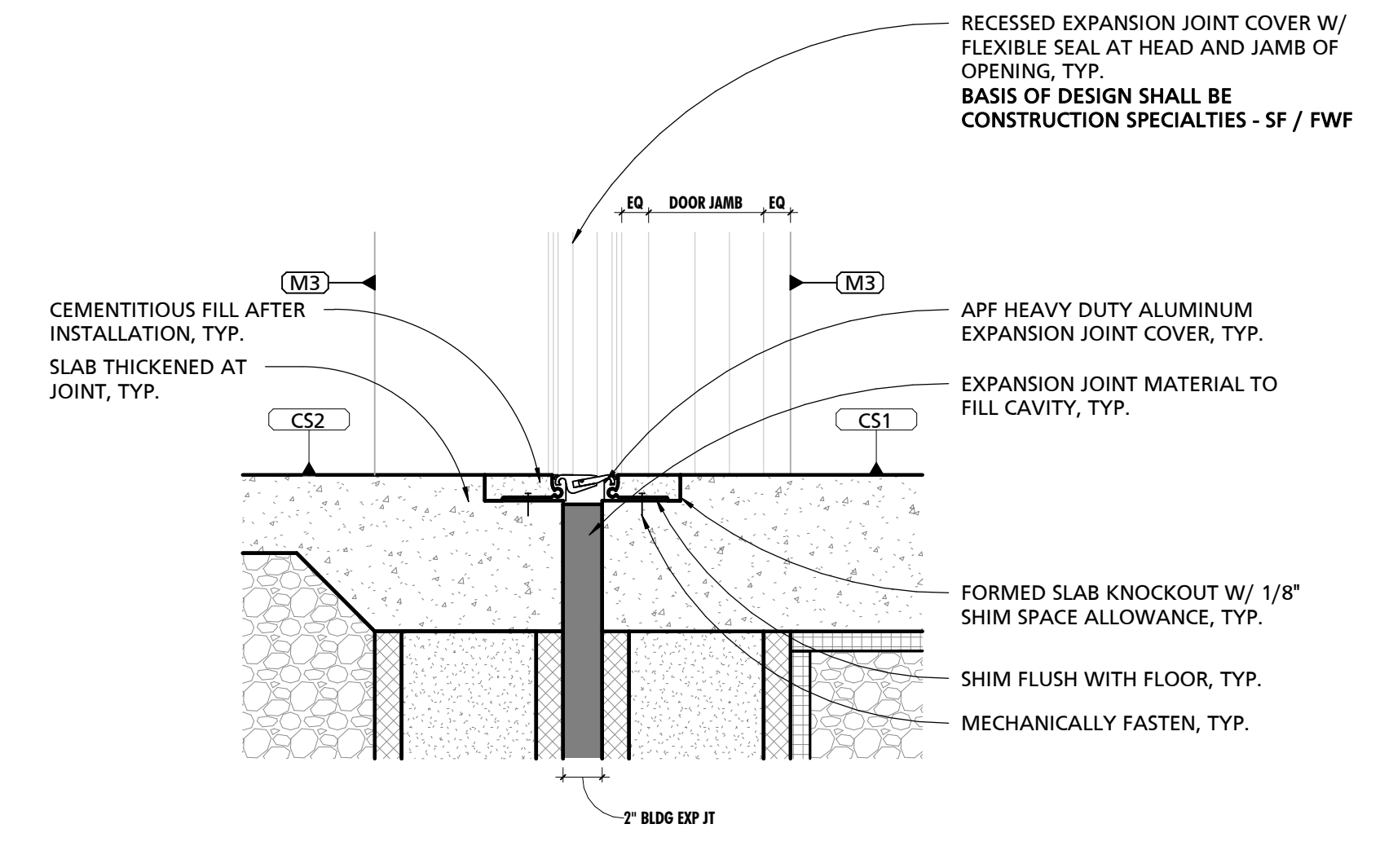
3 TYPICAL TILE SHOWER SECTION DETAIL
3/4" = 1'-0"



4 TYPICAL TILE SHOWER TRENCH DRAIN
3" = 1'-0"



5 TYPICAL TILE SHOWER FLOOR DRAIN
3" = 1'-0"



6 TYPICAL FLOOR EXPANSION JOINT COVER
1 1/2" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE
PROJECT NUMBER:	18-036	
PROJECT SET:	BID SET	
DATE ISSUED:	11/30/2023	
DRAWING TITLE:	FINISH DETAILS	
SHEET NUMBER:	A107	

11/29/2023 11:41:08 AM

SEAL:

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA.
LICENSE NUMBER: #0405311
EXPIRATION DATE: 6/30/2023

THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDENDUM 1.4. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, SPECIFICATIONS, ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
EQUIPMENT & BLOCKING PLAN

SHEET NUMBER:
A108

11/29/2023 11:41:13 AM

SCHEDULE - EQUIPMENT

MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	O.P.O.I.	O.P.C.I.	C.P.C.I.	COMMENTS
E1	MONITOR (TV DISPLAY SCREEN)	N/A	N/A	•	•	<varies>	BY 1a GENERAL PRIME CONTRACTOR
E2	PRINTER	N/A	N/A	•	•	<varies>	OWNER TO PROVIDE MAKE/MODEL & SIZE OF UNITS
E3	PLOTTER	N/A	N/A	•	•	<varies>	OWNER TO PROVIDE MAKE/MODEL & SIZE OF UNITS
E4	DOMESTIC WASHER	WHIRLPOOL	WFW6620H	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E5	DOMESTIC DRYER	WHIRLPOOL	WED5620HW	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E6	MANUAL ROLLER SHADE	MECHO	SEE SPECIFICATIONS	•	•	<varies>	BY 1a GENERAL PRIME CONTRACTOR
E7	BLACKOUT ROLLER SHADE	MECHO	SEE SPECIFICATIONS	•	•	<varies>	BY 1a GENERAL PRIME CONTRACTOR
E8	TWO TIER 18"x18"x36" LOCKER	SPACESAVER	FREESTYLE	•	•	<varies>	BY 1a GENERAL PRIME CONTRACTOR
E9	20"x20"x74 1/2" GEAR RACK	GEARGRID	N/A	•	•	<varies>	INSTALL BY 1a GENERAL PRIME CONTRACTOR
E10	DECON EXTRACTOR	UNIMAC	UW85	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E11	DECON DRYING CABINET	UNIMAC	UTGC6EDG44	•	•	<varies>	INSTALL BY 1a GENERAL PRIME CONTRACTOR
E12	6 COMPARTMENT SCARE CROW DRYER	RAM AIR	TG-6	•	•	<varies>	BY 1a GENERAL PRIME CONTRACTOR
E13	SINGLE TIER 18"x18"x72" LOCKER	SPACESAVER	FREESTYLE	•	•	<varies>	BY 1a GENERAL PRIME CONTRACTOR
E14	REACH-IN REFRIGERATOR	TRUE	T-35-HC	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E15	COMMERCIAL COFFEE BREWER	BUNN	# 39900.0006	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E16	COMBINATION WALL OVEN	KENMORE	Model # 49613	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E17	GAS DROP-IN COOK TOP	BLUE STAR	RBCT3658SV2	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E18	DOMESTIC DISHWASHER	BOSCH	300 SERIES - MODEL # S663K95UC	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E19	86"x57" DISPLAY BOARD			•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E20	DIGITAL PROJECTOR & CLG. BRACKET	BENO	HT5550	•	•	<varies>	INSTALL BY ELECTRICAL PRIME CONTRACTOR
E21	60"x96" ELECTRIC PROJECTION SCREEN	DRAPER	ACCESS FIT V	•	•	<varies>	INSTALL BY ELECTRICAL PRIME CONTRACTOR
E22	UNDERCOUNTER KITCHEN SINK	KOHLER	K-3945	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E23	WORK BENCH			•	•	<varies>	BY 1a GENERAL PRIME CONTRACTOR
E24	TEMPERED GLASS MIRROR	NEW ANGLE BEVELING	GUARDIAN GLASS ULTRAMIRROR	•	•	<varies>	
E25	UNDERMOUNT ADA SINK	CORIAN	5610	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E26	KITCHEN FAUCET	KOHLER Co.	K-6331-VS	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E27	REACH-IN FREEZER	TRUE FOOD SERVICE EQUIPMENT, INC.	T-49F-HC	•	•	<varies>	INSTALL BY 1a GENERAL PRIME CONTRACTOR
E28	BUILT-IN MICROWAVE	BOSCH	HMD8053UC	•	•	<varies>	INSTALL BY 1a GENERAL PRIME CONTRACTOR
E29	UNDER-COUNTER ICE MAKER	ITV ICE MAKERS	NG 285 A1F	•	•	<varies>	INSTALL BY PLUMBING PRIME CONTRACTOR
E30	KENMORE RANGE HOOD	KENMORE	Model # 54820	•	•	<varies>	BY MECHANICAL PRIME CONTRACTOR

SCHEDULE ABBREVIATIONS:

O.P.O.I. - OWNER PROVIDED; OWNER INSTALLED
O.P.C.I. - OWNER PROVIDED; CONTRACTOR INSTALLED
C.P.C.I. - CONTRACTOR PROVIDED; CONTRACTOR INSTALLED

GENERAL NOTES:

- THE PURPOSE OF THIS PLAN IS TO BE SUPPLEMENTARY IN NATURE TO ALREADY SPECIFIED COMPONENTS THAT REQUIRE BLOCKING TO BE SELF SUPPORTING.
- BLOCKING SHALL STILL BE INCLUDED FOR ALL OTHER NECESSARY FIXTURES THAT MAY NOT BE ILLUSTRATED WITHIN THIS PLAN. FIXTURES INCLUDED BUT ARE NOT LIMITED TO CASEWORK, TOILET ACCESSORIES, RAILINGS, PLUMBING FIXTURES, ELECTRICAL FIXTURES, MECHANICAL COMPONENTS, COUNTERTOPS, AND ALL OTHER ITEMS THAT ARE REQUIRED TO BE SELF SUPPORTING.
- 1a GENERAL PRIME CONTRACTOR TO COORDINATE LOCATIONS OF BLOCKING WITH ALL ELECTRICAL, MECHANICAL, AND PLUMBING COMPONENTS THAT SHARE WALL SPACE WITHIN PROXIMITY TO REQUIRED BLOCKING.
- CONTRACTOR, OWNER, AND ARCHITECT SHALL WALK JOBSITE PRIOR TO CLOSE IN TO REVIEW ALL BLOCKING LOCATIONS.
- BLOCKING SHOWN ON THIS PLAN WILL BE THE RESPONSIBILITY OF THE 1a GENERAL PRIME CONTRACTOR, UNLESS NOTED OTHERWISE.
- BLOCKING ASSOCIATED WITH INSTALLATION AND SUPPORT OF MECHANICAL, ELECTRICAL, OR PLUMBING EQUIPMENT, WILL BE THE RESPONSIBILITY OF THE PRIME CONTRACTOR, WHOSE EQUIPMENT REQUIRES THE ASSOCIATED BLOCKING IN ORDER TO BE SELF-SUPPORTING.

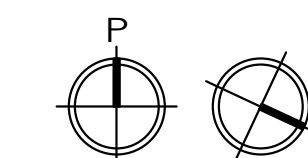
EQUIPMENT LEGEND

▣ CARD READER LOCATION

- Ⓐ PROVIDE BLOCKING ALONG LENGTH OF WALL INDICATED FROM 36" TO 94" A.F.F.
- Ⓑ PROVIDE BLOCKING @ INDICATED LOCATION. BLOCKING TO BE INSTALLED @ 48" - 96" FOR A MIN. LENGTH OF 36".



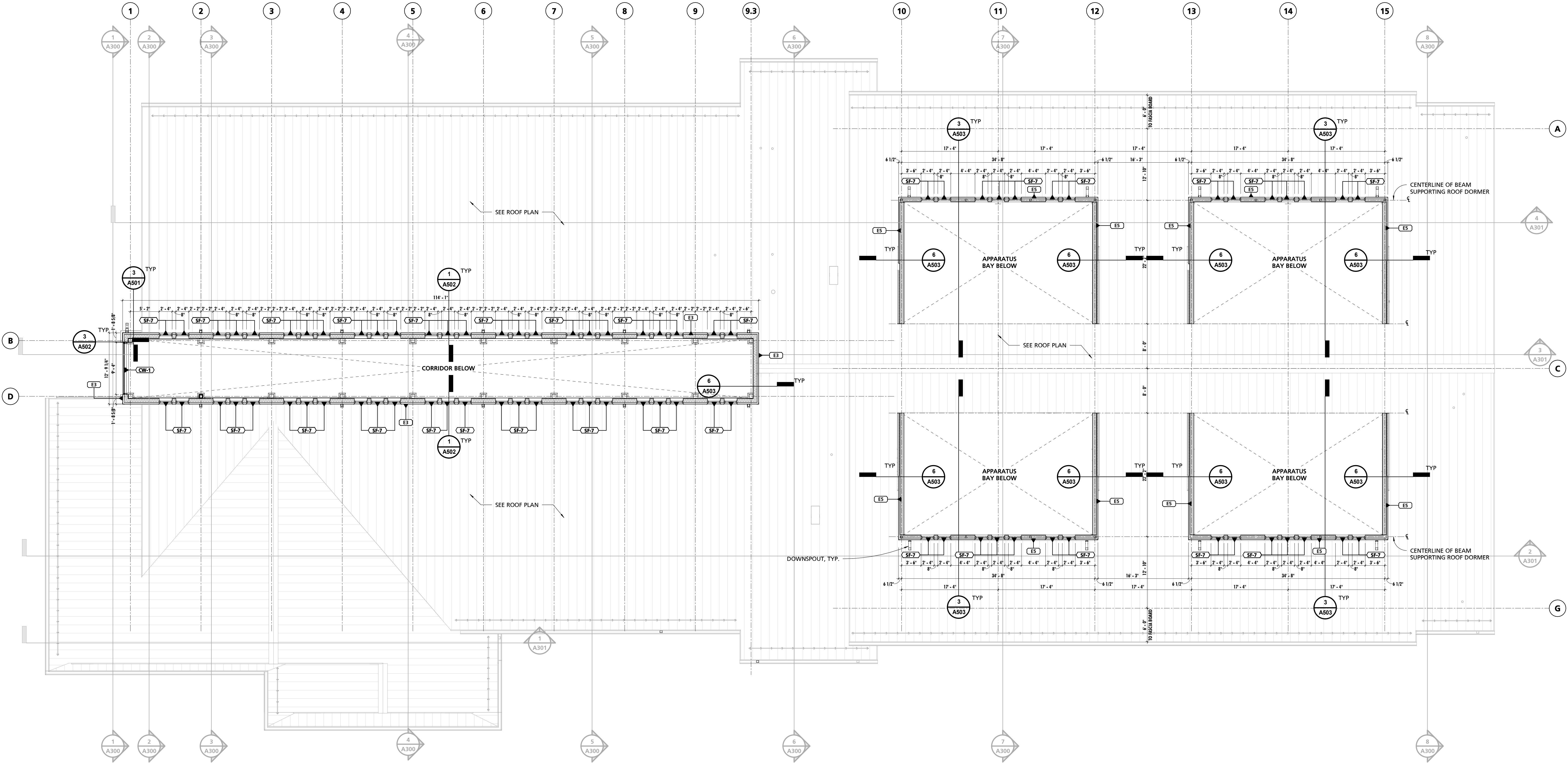
1 EQUIPMENT & BLOCKING PLAN
1/8" = 1'-0"



SEAL:
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- GENERAL NOTES**
1. ALL EXPOSED UTILITIES, INCLUDING BUT NOT LIMITED TO, PIPES, DUCTS, CONDUITS, WORK BOXES, DEVICES, AND ALL OTHER ASSOCIATED UTILITY ITEMS MOUNTED WITHIN CORRIDOR 131'S CEILING SHALL BE PAINTED TO MATCH CEILING OR HAVE A MATCHING FACTORY FINISH. MECHANICAL, PLUMBING, ELECTRICAL, AND GENERAL CONTRACTORS SHALL PROVIDE COORDINATED SHOP DRAWINGS OF ALL MEP RELATED ITEMS AND ASSOCIATED MOUNTING HEIGHTS THAT ARE TO OCCUR WITHIN CORRIDOR 131'S AREA.
 2. ELECTRICAL PRIME TO PROVIDE ALL ELECTRICAL WIRING INCLUDING TO BUT NOT LIMITED TO, GENERAL POWER SUPPLIES, LOW VOLTAGE COMMUNICATIONS, A/V, DATA WIRING CABLING, AND ALL WIRING ASSOCIATED WITH THE BUILDING ACCESS CONTROL SYSTEM, CAD ALERTING SYSTEM, AND CCTV SYSTEM TO BE RUN IN EXPOSED AREAS THROUGH APPARATUS BAY, MEZZANINE CEILINGS, UNDERSIDE OF MEZZANINE DECKS AND CORRIDOR 131, SHALL BE IN METAL CONDUIT PAINTED TO MATCH DECK ABOVE.
 3. APPARATUS BAY ROOF & COLUMN STRUCTURE TO BE PAINTED COLOR #1. APPARATUS BAY EXPOSED METAL DECK TO BE PAINTED COLOR #2.
 4. CORRIDOR 131 ROOF & COLUMN STRUCTURE TO BE PAINTED COLOR #1. CORRIDOR 131 EXPOSED METAL DECK TO BE PAINTED COLOR #2.



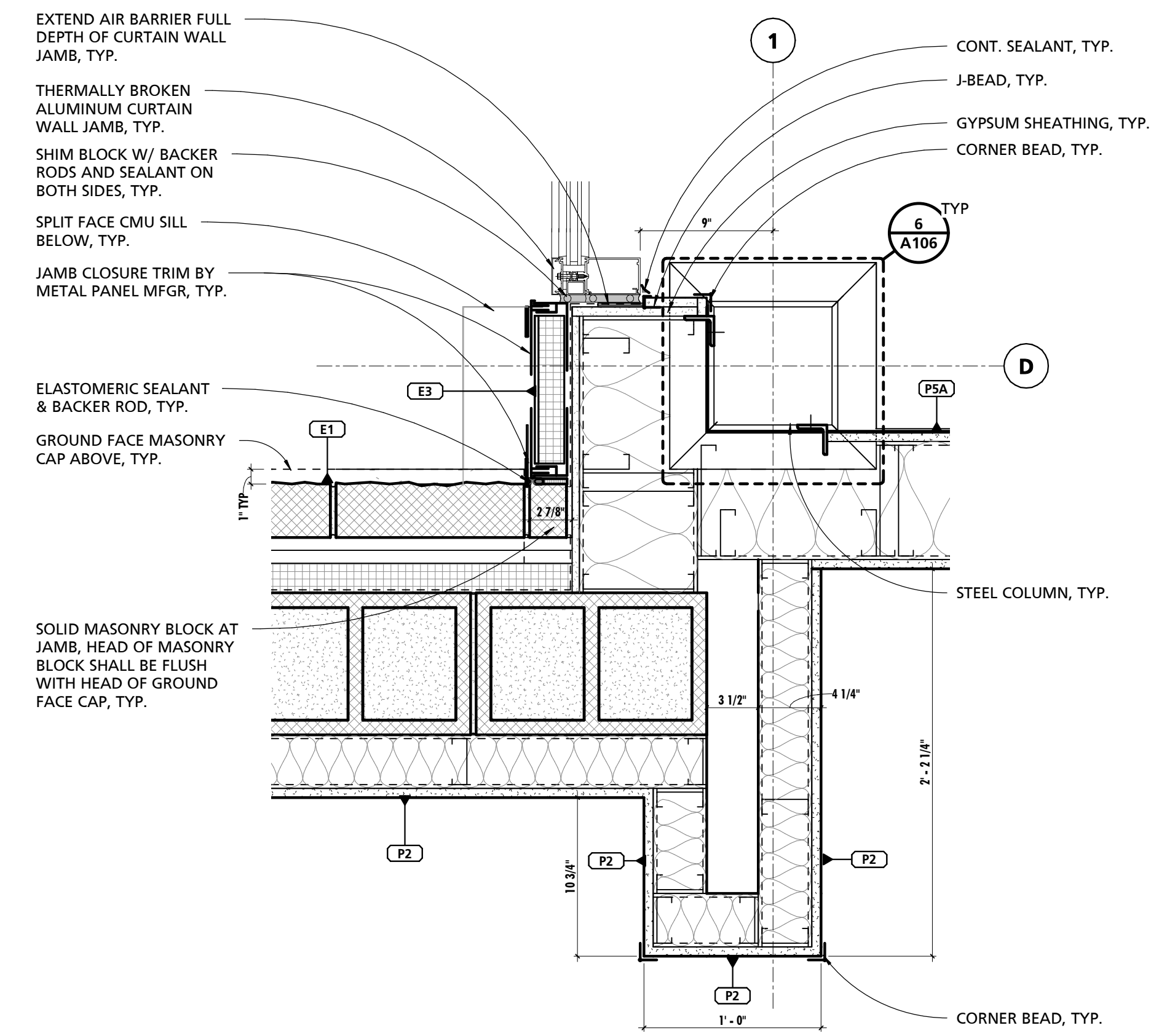
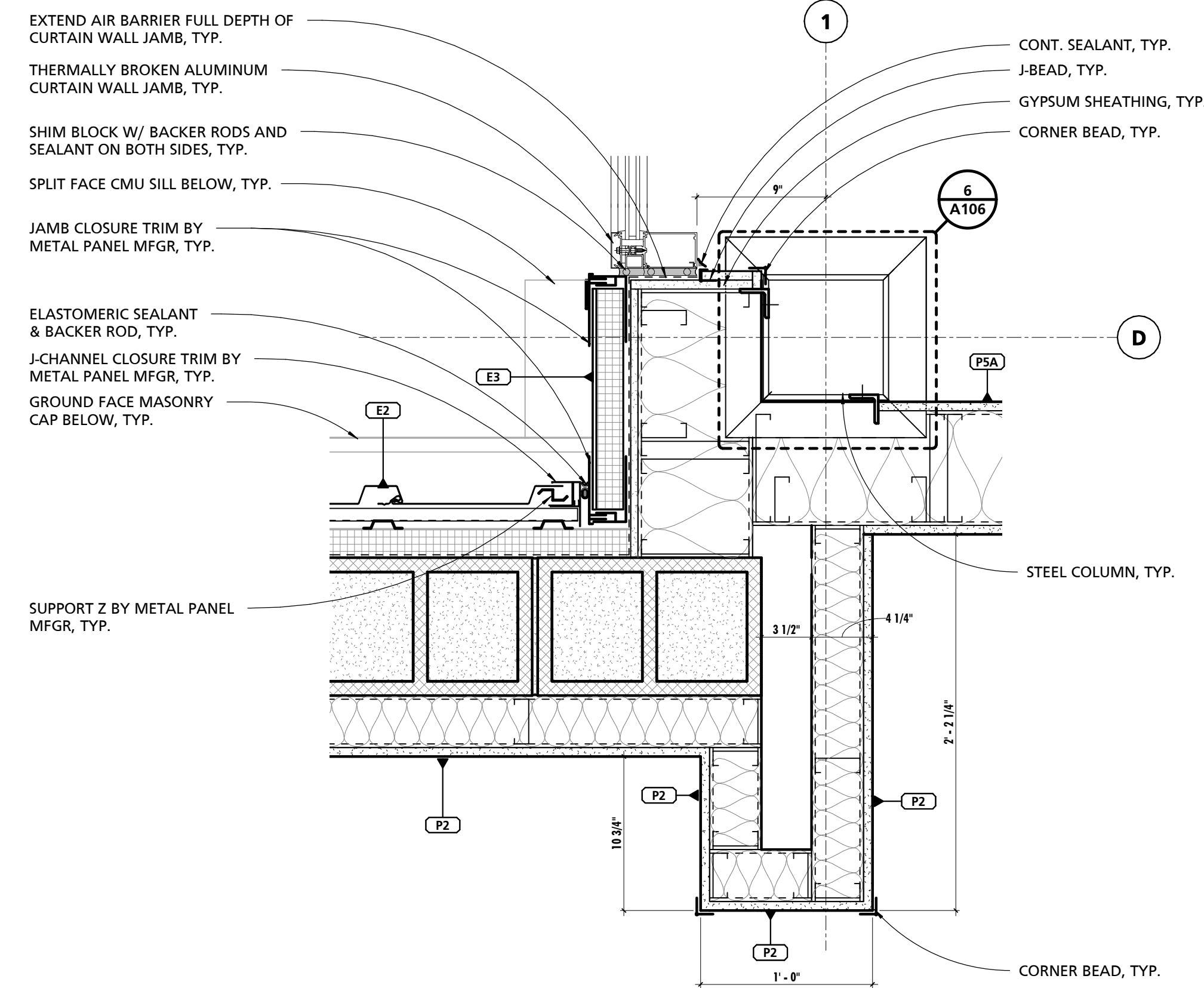
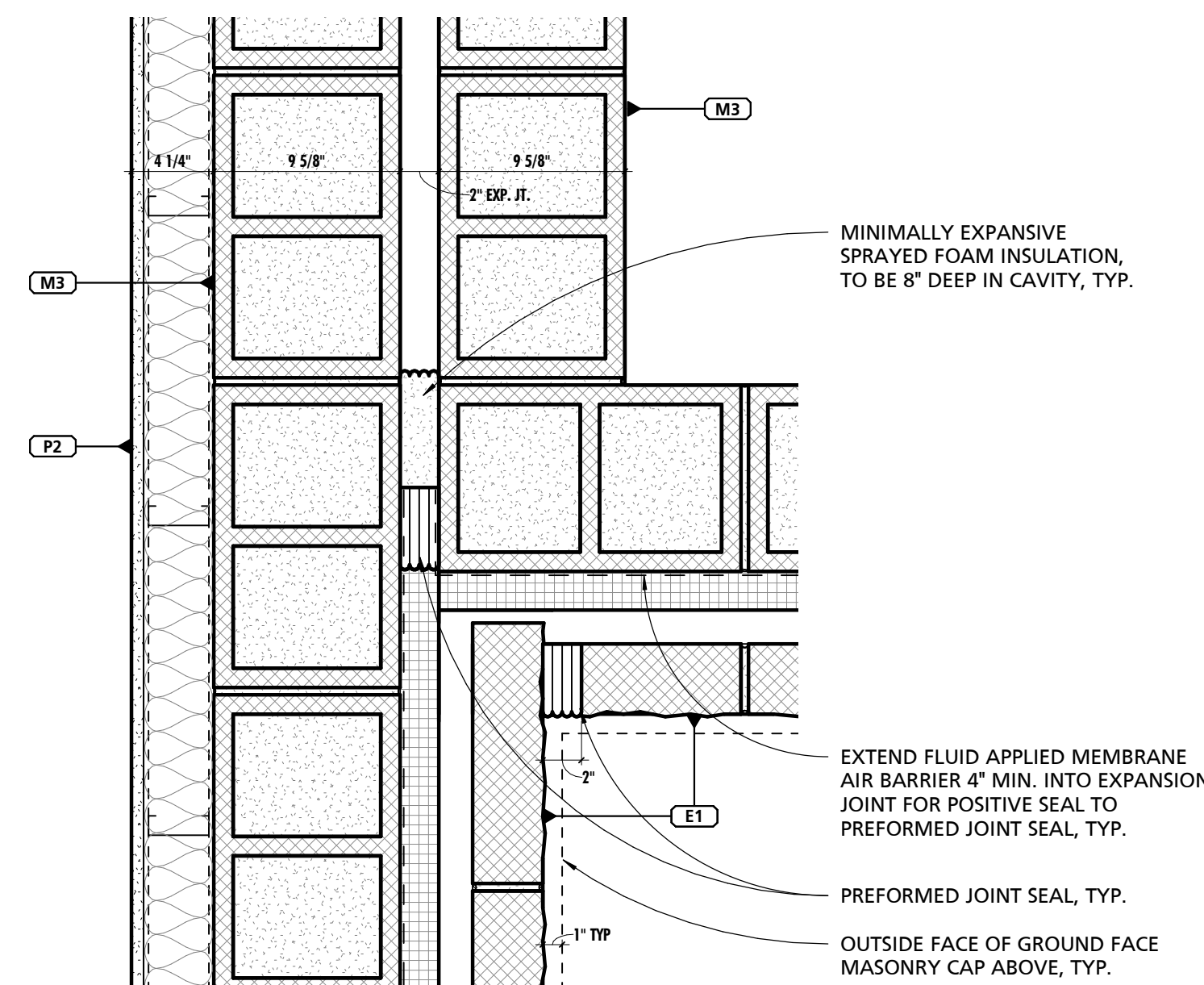
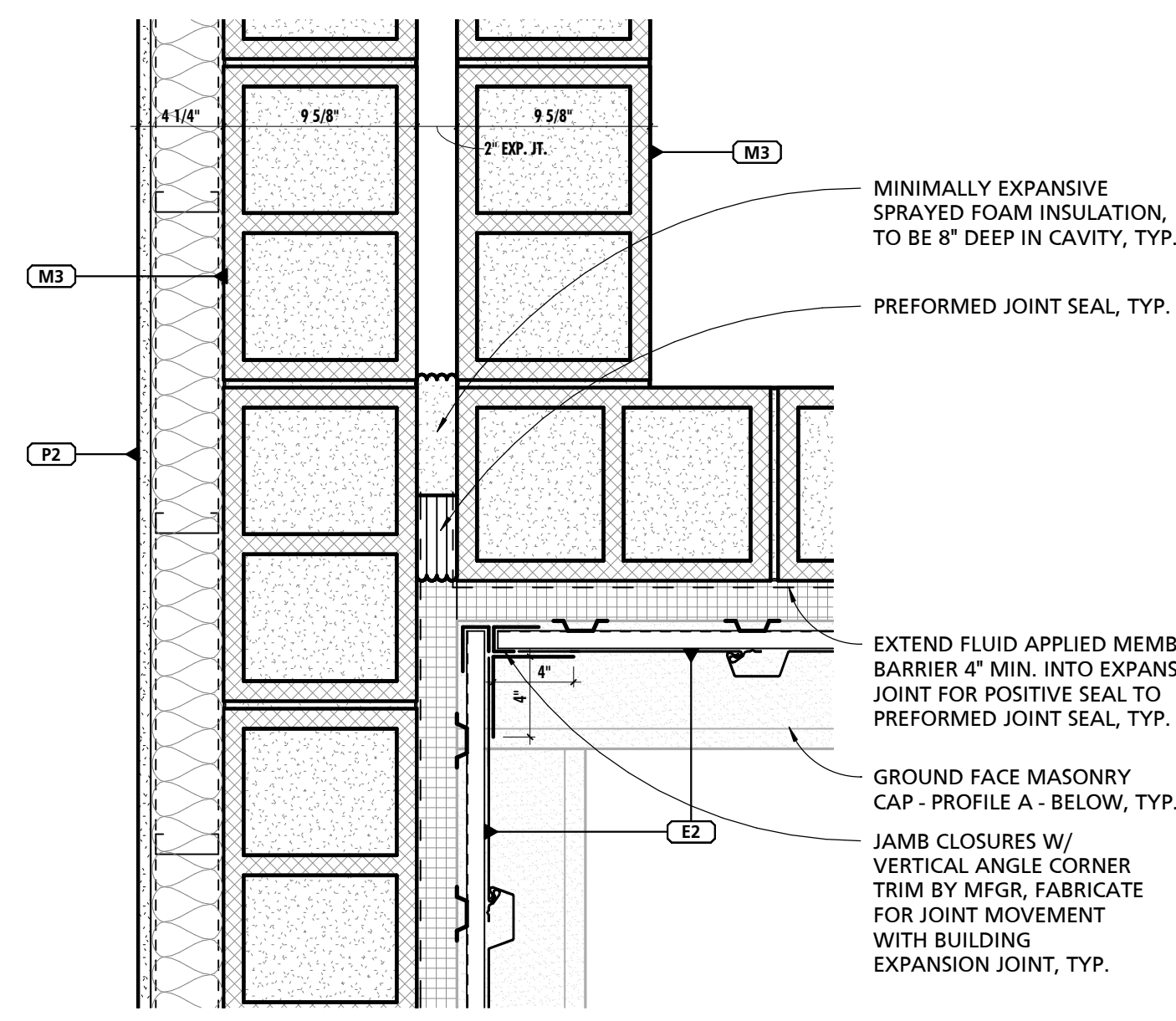
1 CLERESTORY PLAN
1/8" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023
DRAWING TITLE:
CLERESTORY PLAN
SHEET NUMBER:
A109

11/29/2023 11:41:17 AM



NOTE: REFERENCE DIMENSION PLAN FOR OPPOSITE DETAIL WALL TYPES

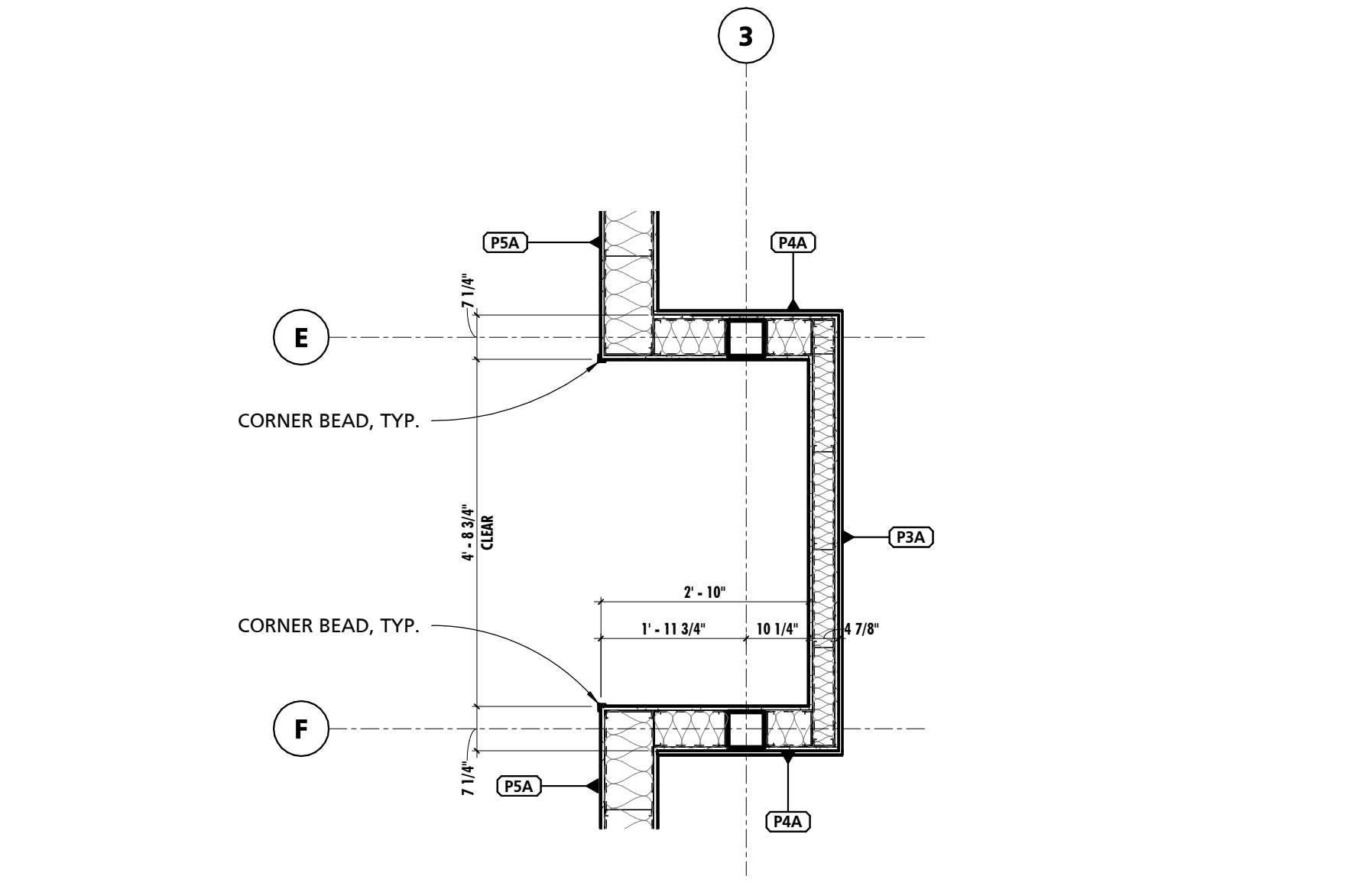
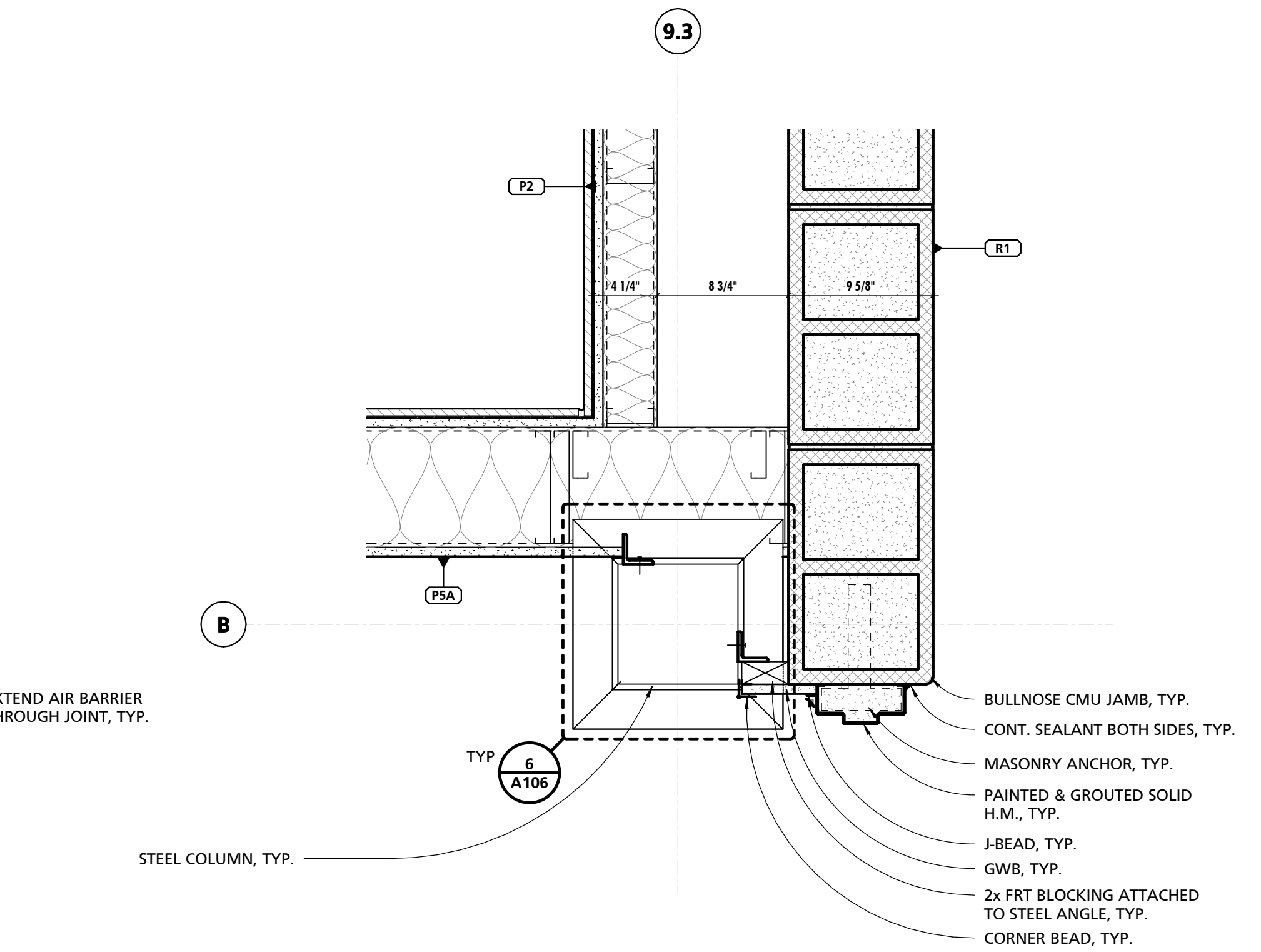
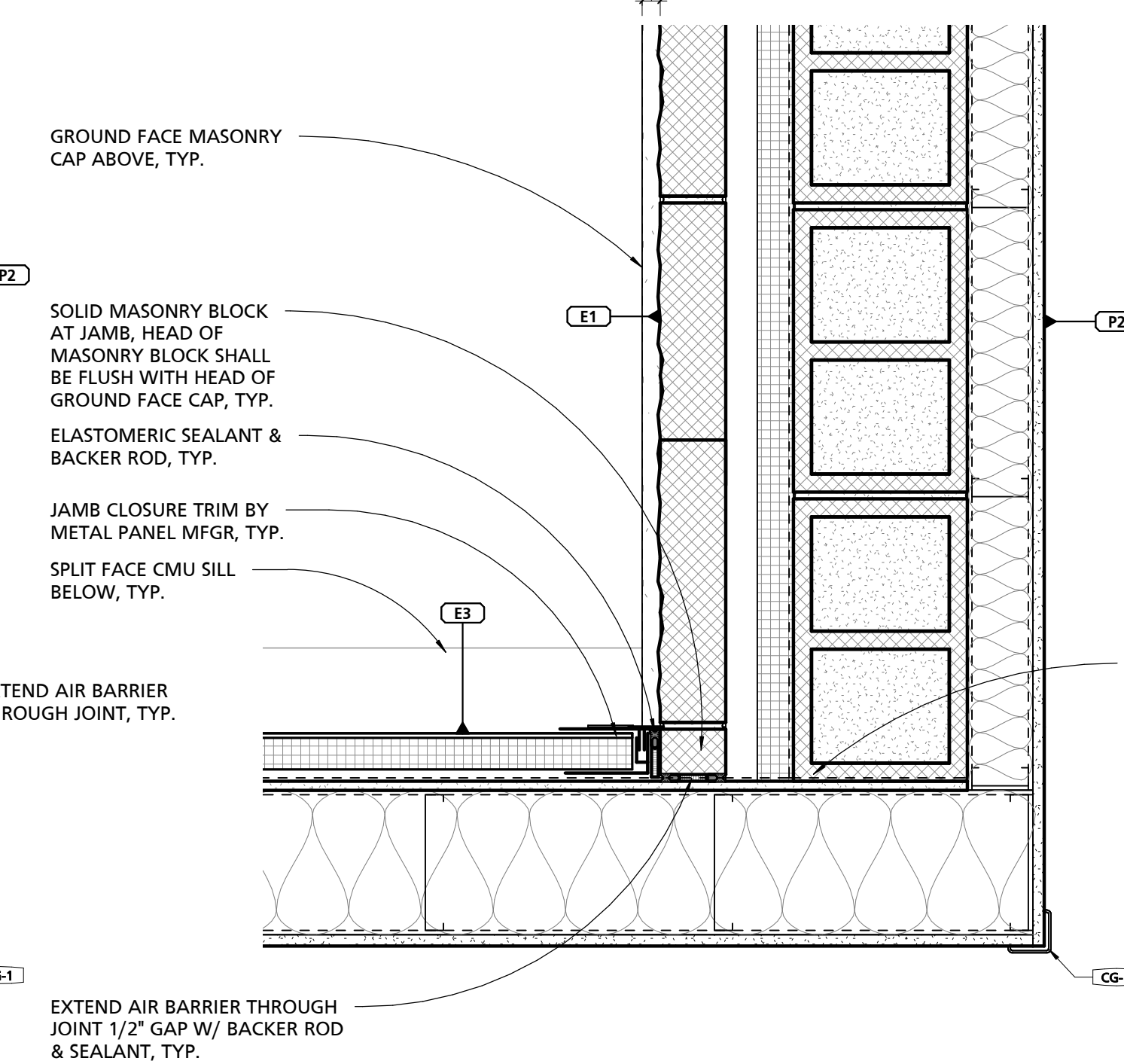
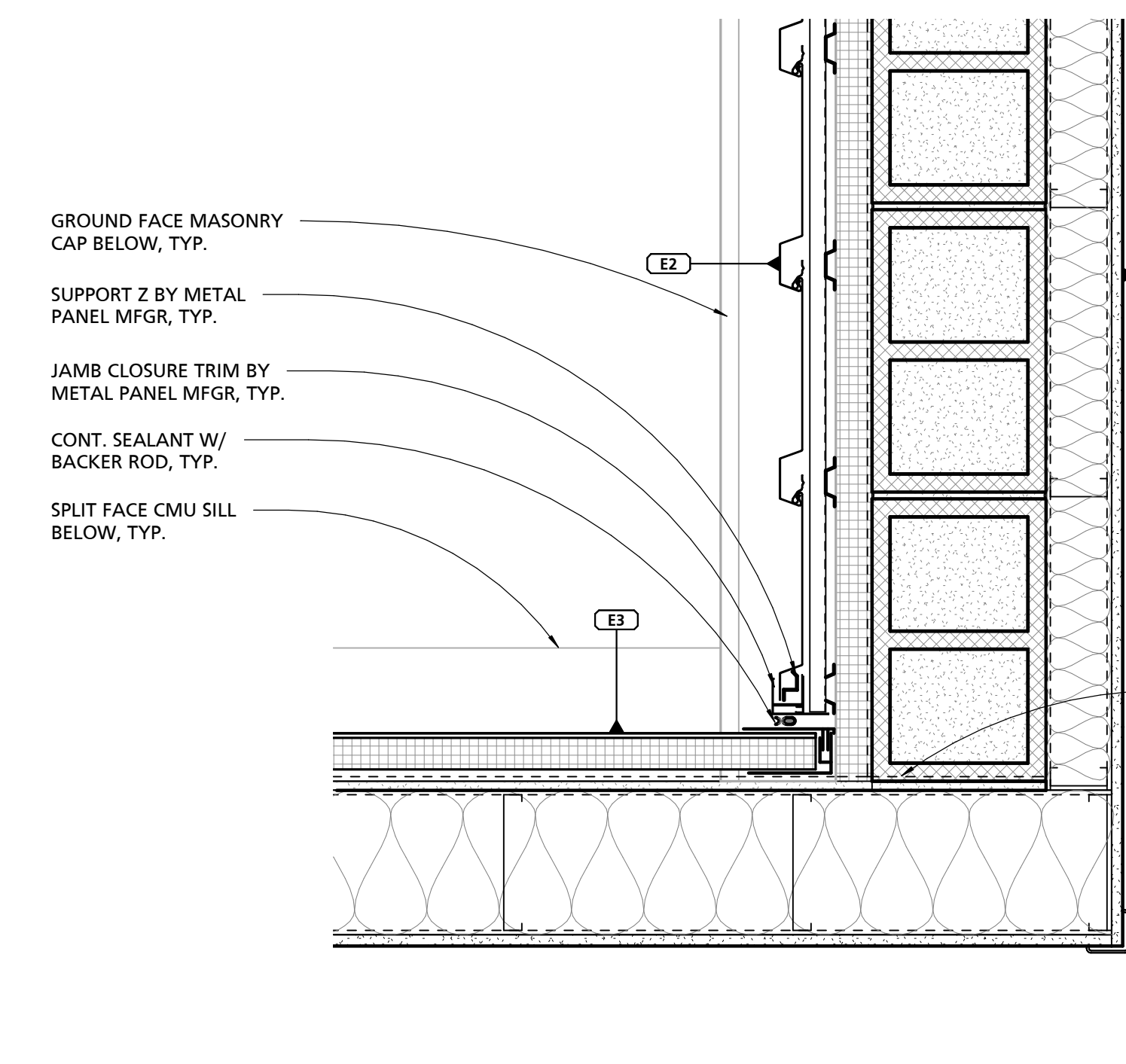
NOTE: REFERENCE DIMENSION PLAN FOR OPPOSITE DETAIL WALL TYPES

1 BUILDING EXPANSION JOINT DETAIL - HIGH
1 1/2" = 1'-0"

2 BUILDING EXPANSION JOINT DETAIL - LOW
1 1/2" = 1'-0"

3 CORRIDOR AND MEETING ROOM PLAN DETAIL - HIGH
1 1/2" = 1'-0"

4 CORRIDOR AND MEETING ROOM PLAN DETAIL - LOW
1 1/2" = 1'-0"



5 CORRIDOR AND KITCHEN PLAN DETAIL - HIGH
1 1/2" = 1'-0"

6 CORRIDOR AND KITCHEN PLAN DETAIL - LOW
1 1/2" = 1'-0"

7 CORRIDOR AND TURNOUT GEAR PLAN DETAIL
1 1/2" = 1'-0"

8 FUTURE OPERABLE PARTION ALCOVE (OPERABLE PARTITION N.I.C.)
1/2" = 1'-0"

SEAL: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #6405311 EXPIRATION DATE: 6/30/2023

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CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

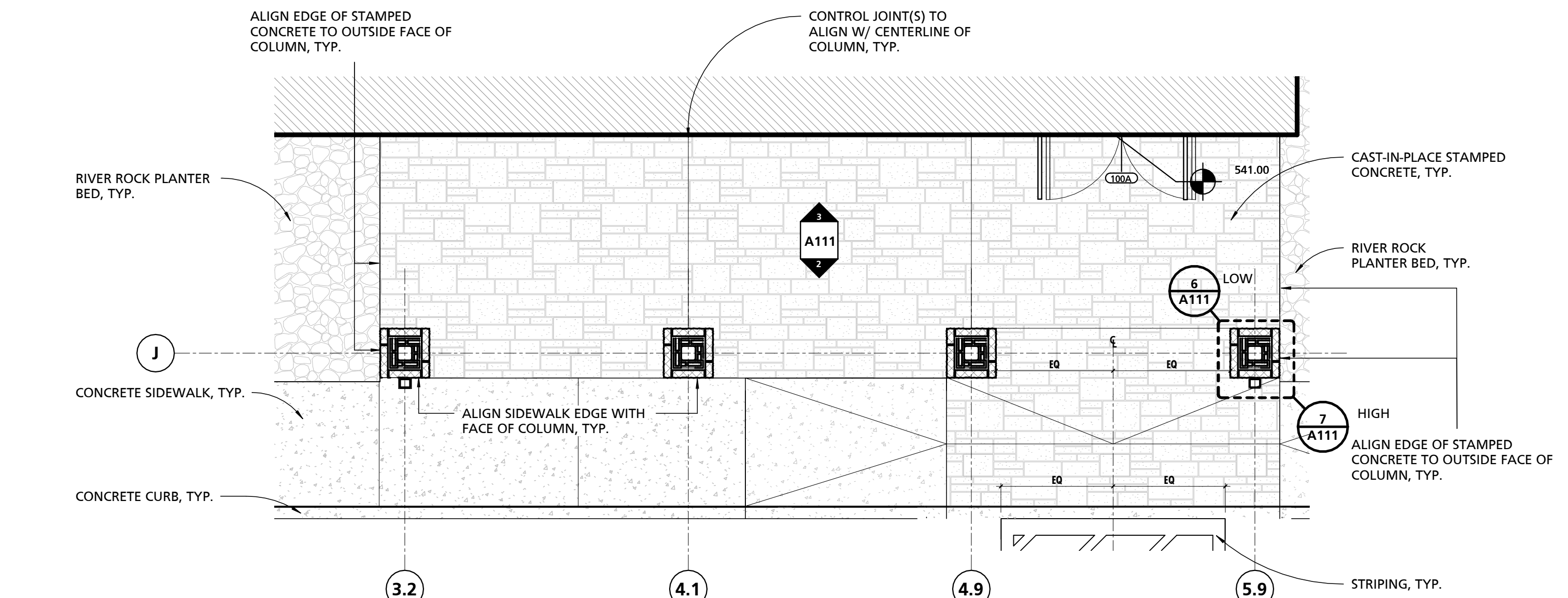
NO.	DESCRIPTION	DATE
PROJECT NUMBER:	18-036	
PROJECT SET:	BID SET	
DATE ISSUED:	11/30/2023	
DRAWING TITLE:	PLAN DETAILS	
SHEET NUMBER:	A110	

SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #6480311 EXPIRATION DATE: 6-30-2023

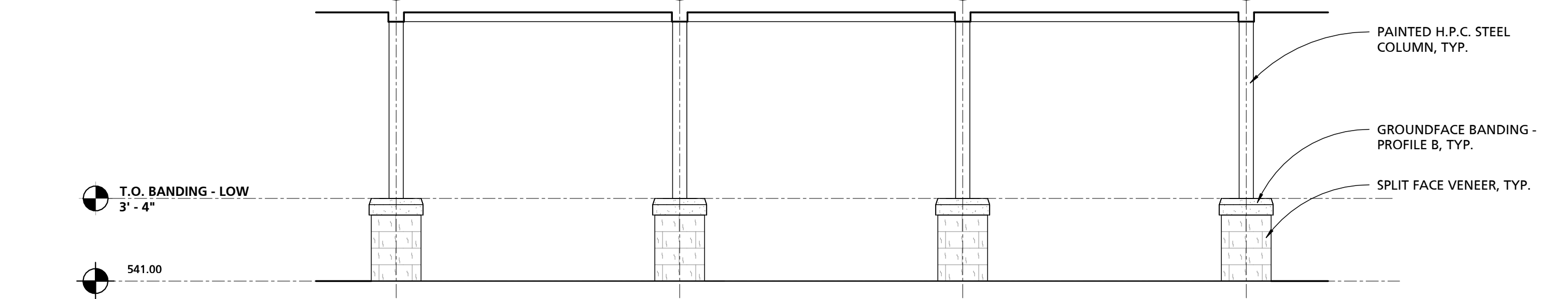
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CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

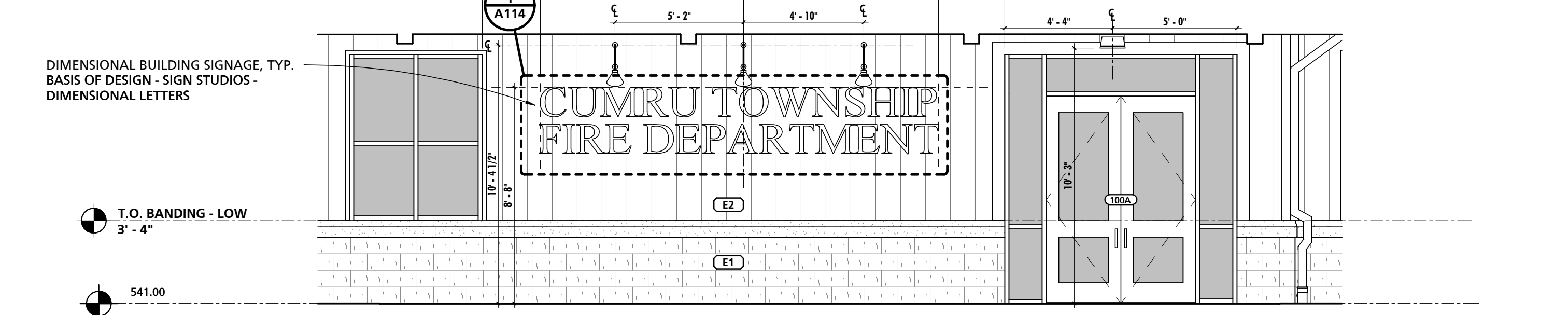
NO.	DESCRIPTION	DATE
3	Addendum 3	01/19/24
PROJECT NUMBER: 18-036		
PROJECT SET: BID SET		
DATE ISSUED: 11/30/2023		
DRAWING TITLE: ENTRY PLAN, ELEVATIONS & DETAILS		
SHEET NUMBER: A111		



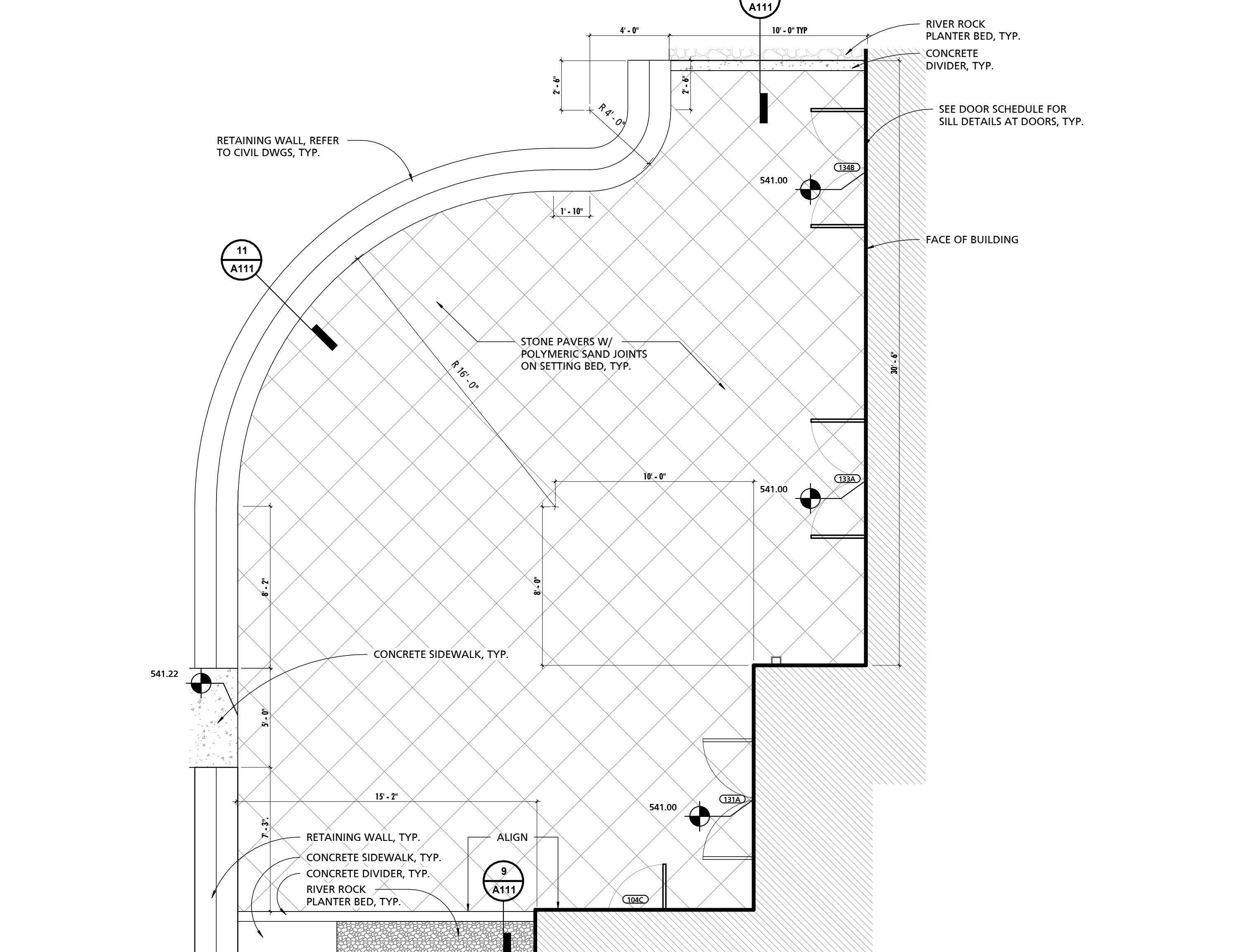
1 ENLARGED ENTRY PLAN
1/4" = 1'-0"



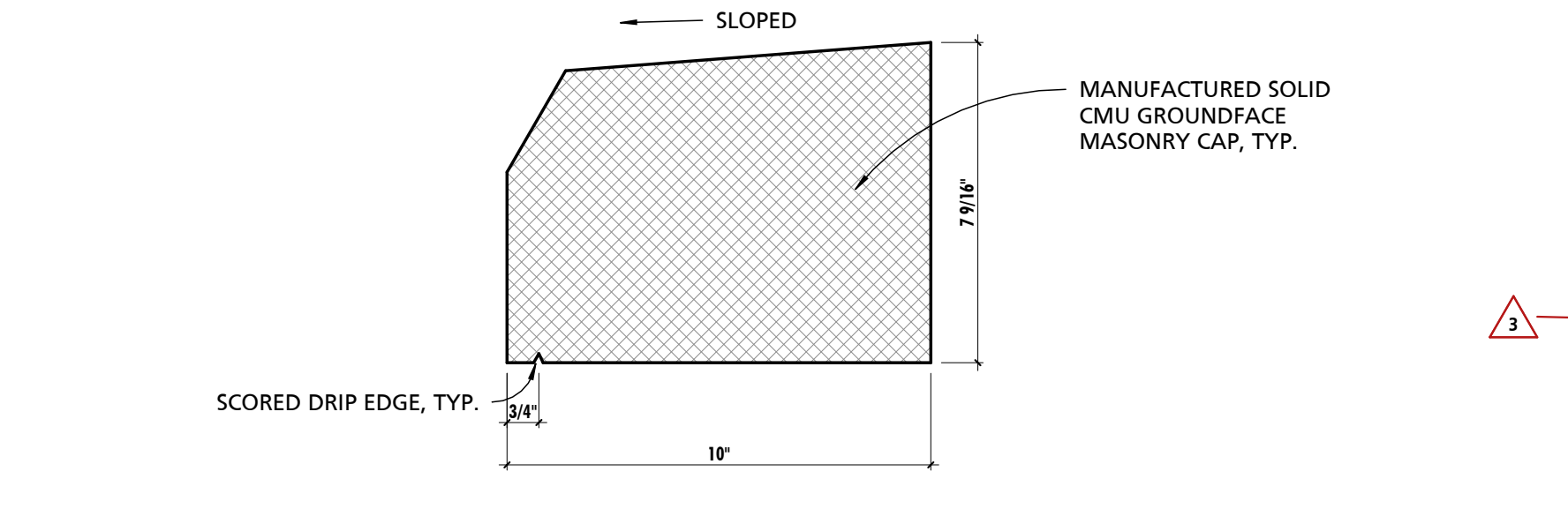
2 ENTRY SOUTH ELEVATION
1/4" = 1'-0"



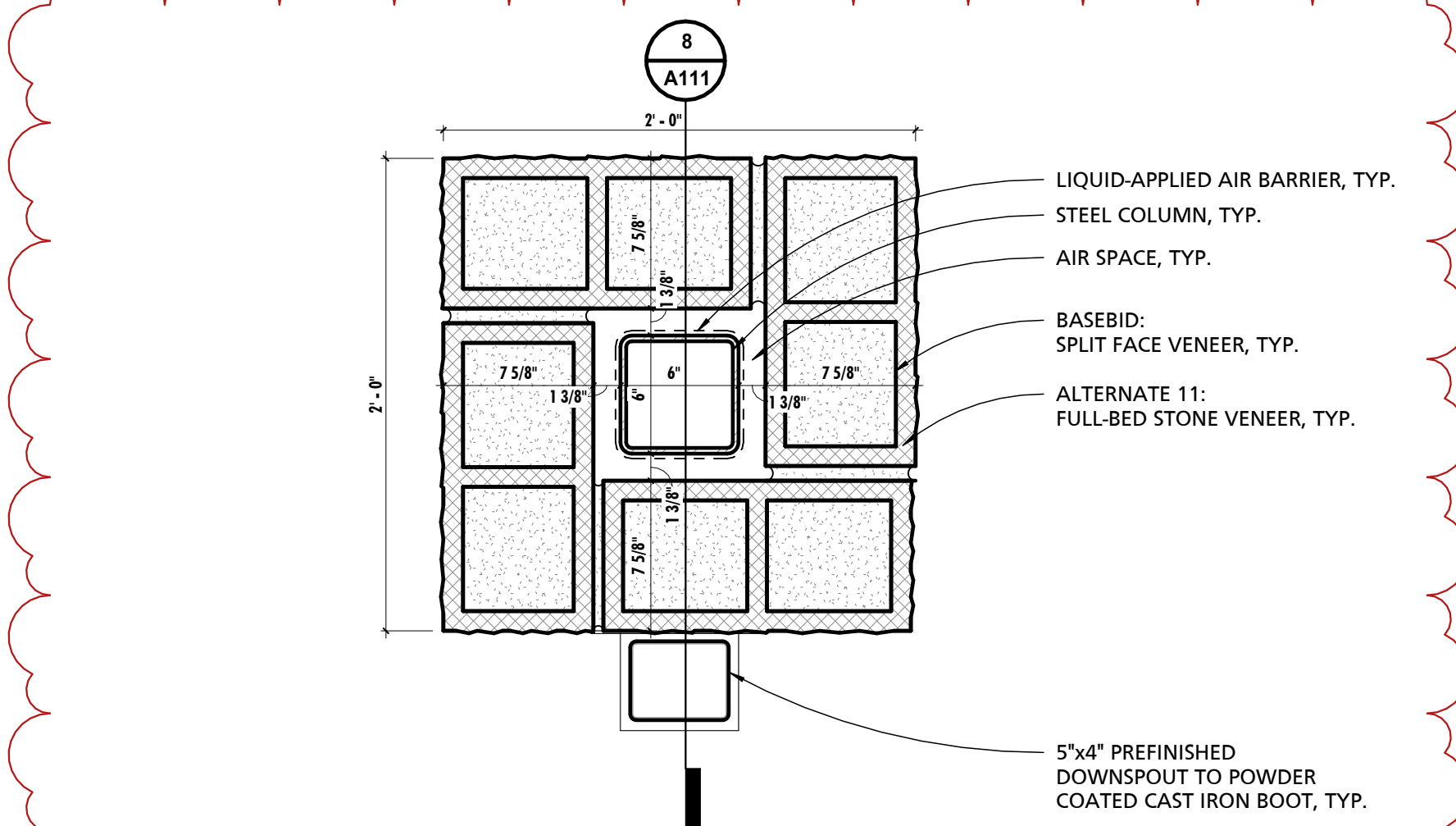
3 ENTRY NORTH ELEVATION
1/4" = 1'-0"



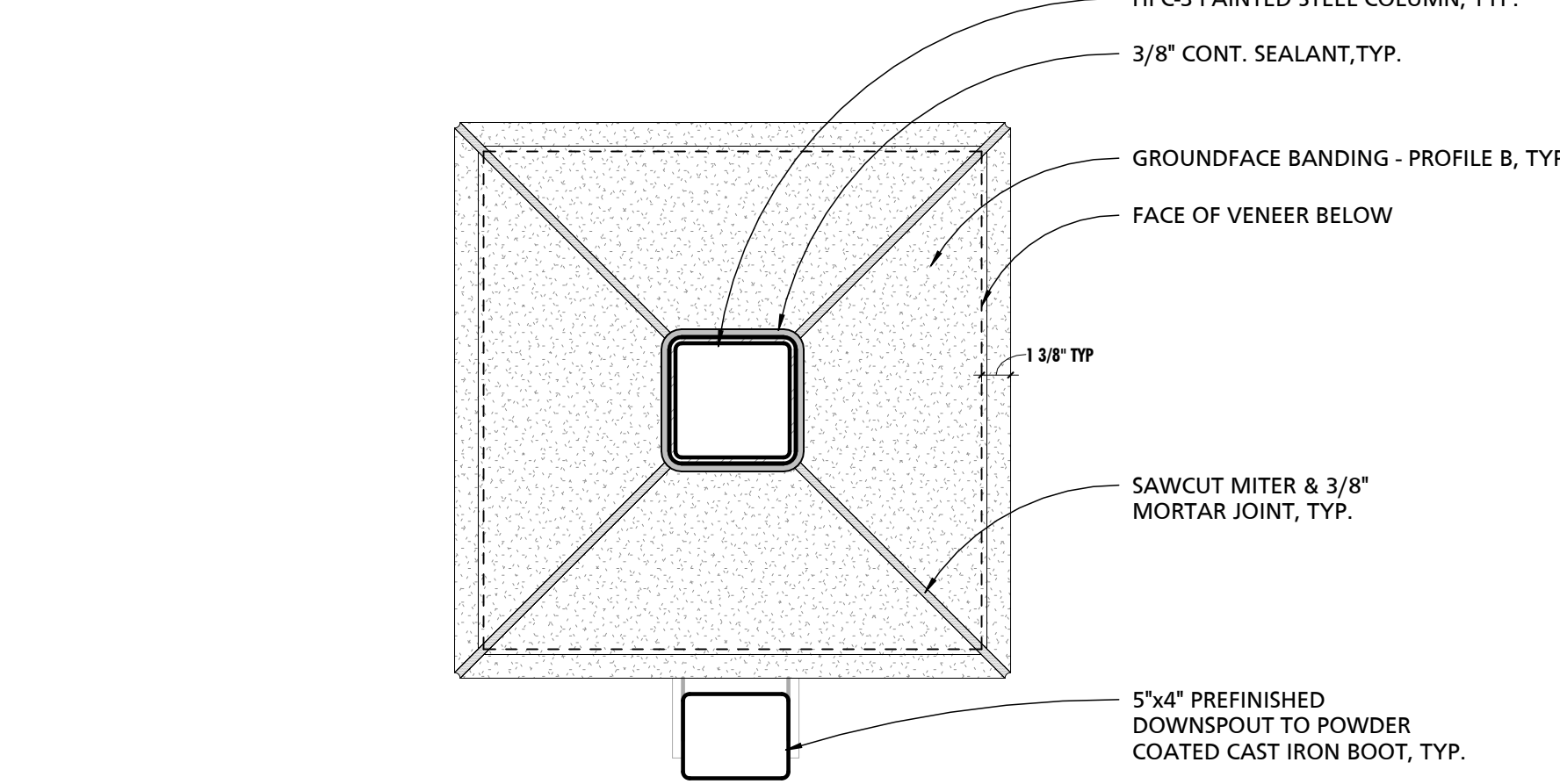
4 STONE PAVER PATIO PLAN
1/4" = 1'-0"



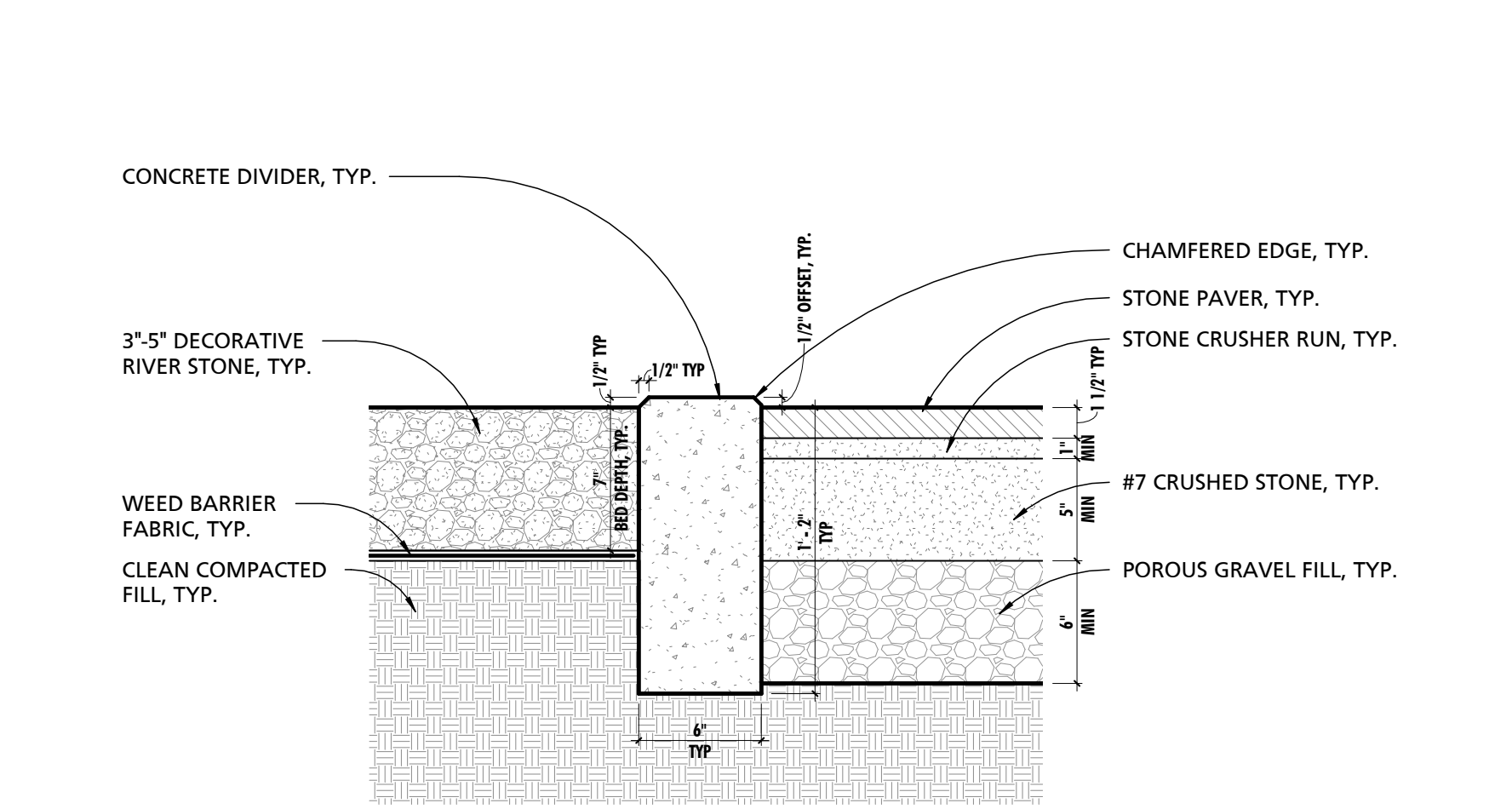
5 GROUNDFACE BANDING - PROFILE B
3" = 1'-0"



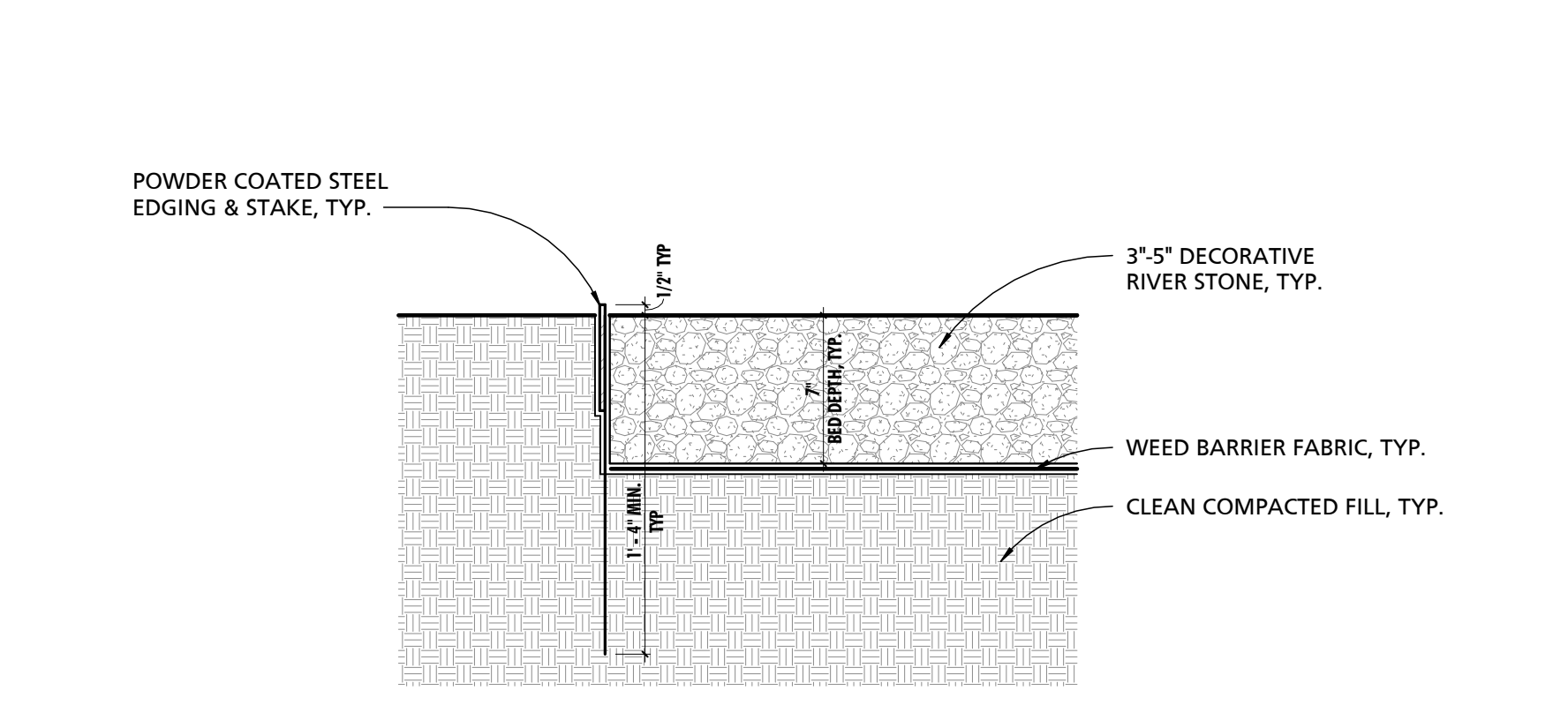
6 ENLARGED ENTRY COLUMN DETAIL - LOW
1 1/2" = 1'-0"



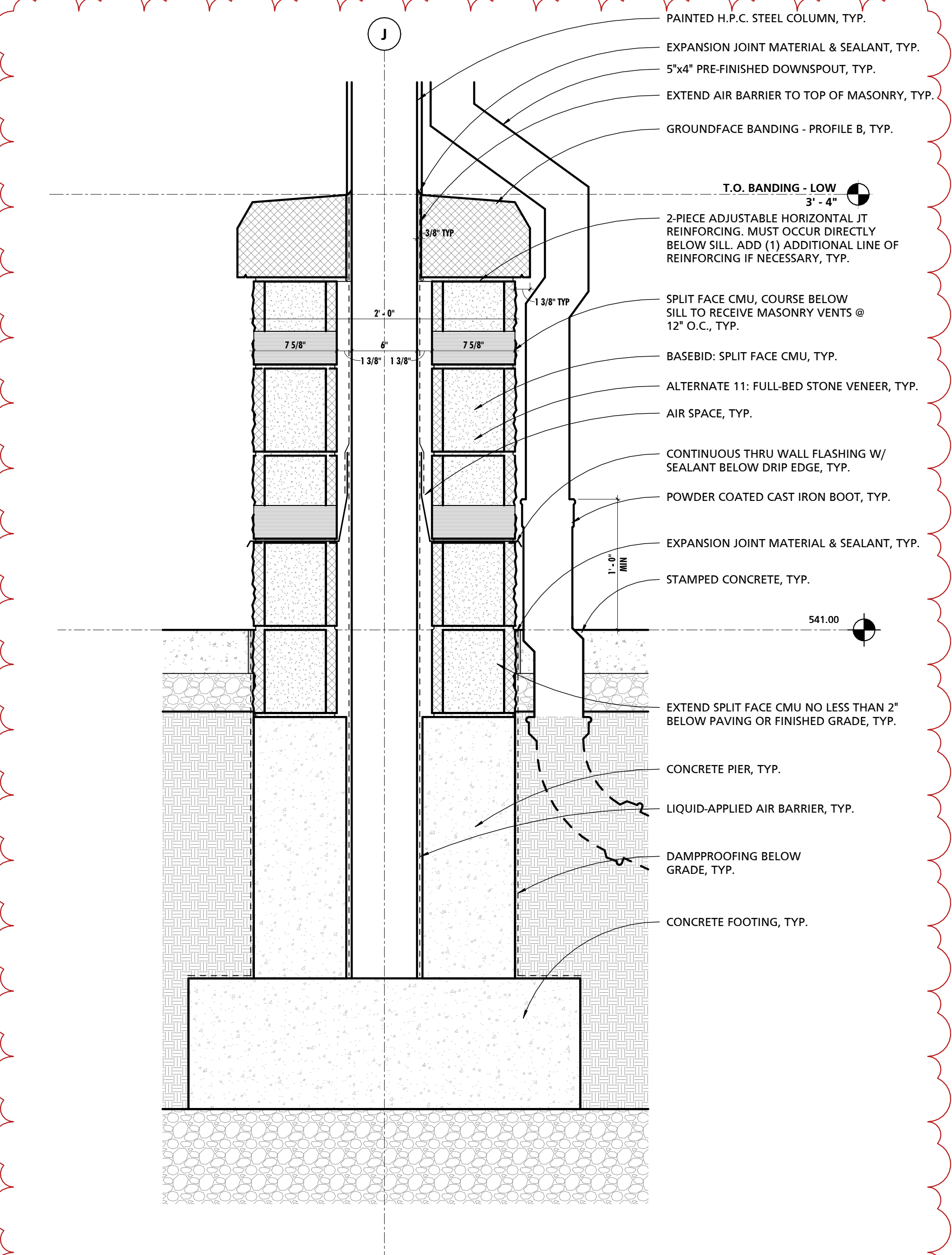
7 ENLARGED ENTRY COLUMN DETAIL - HIGH
1 1/2" = 1'-0"



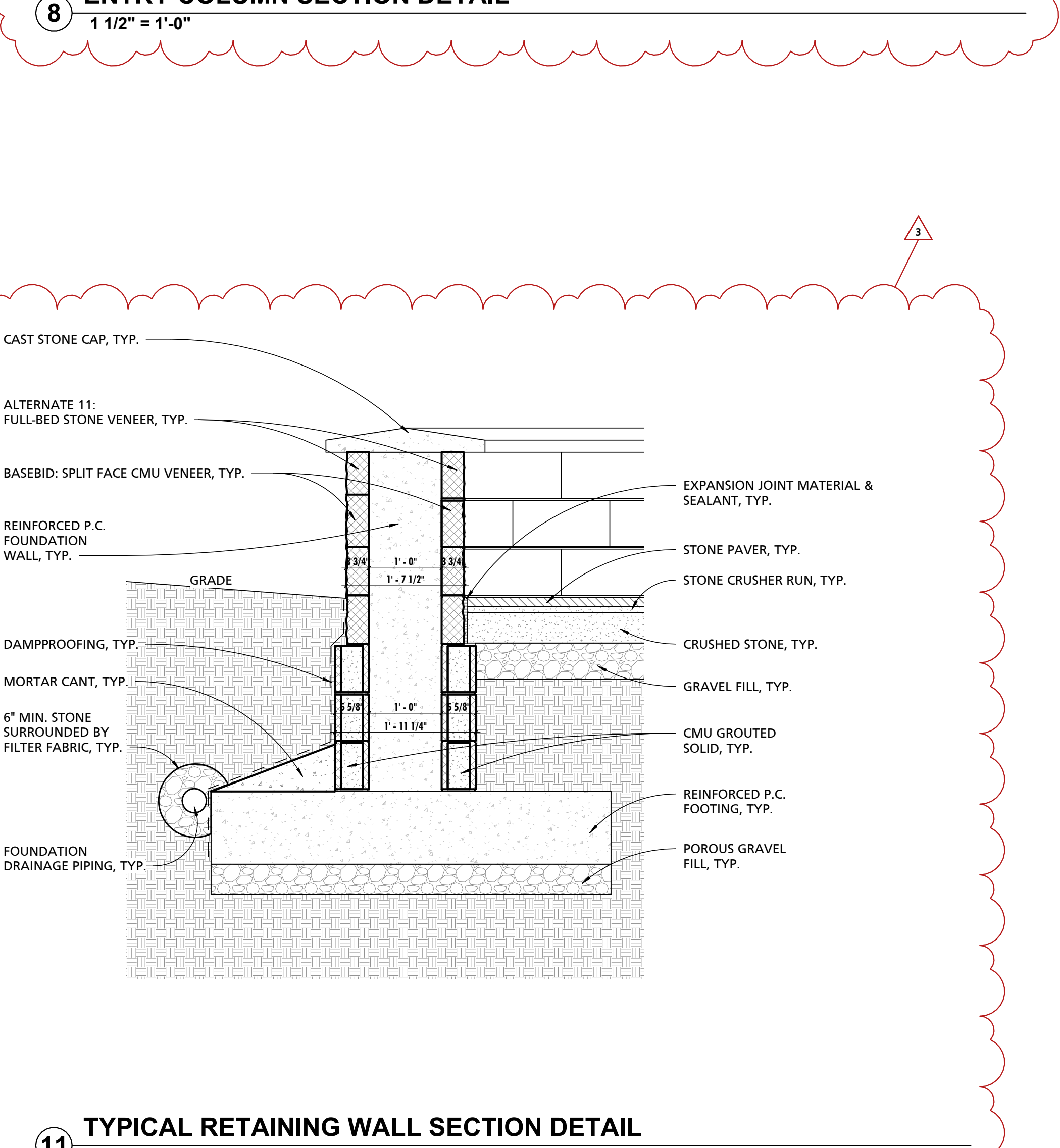
9 TYPICAL CONCRETE EDGE BARRIER SECTION DETAIL
1 1/2" = 1'-0"



10 TYPICAL LAWN TRANSITION SECTION DETAIL
1 1/2" = 1'-0"



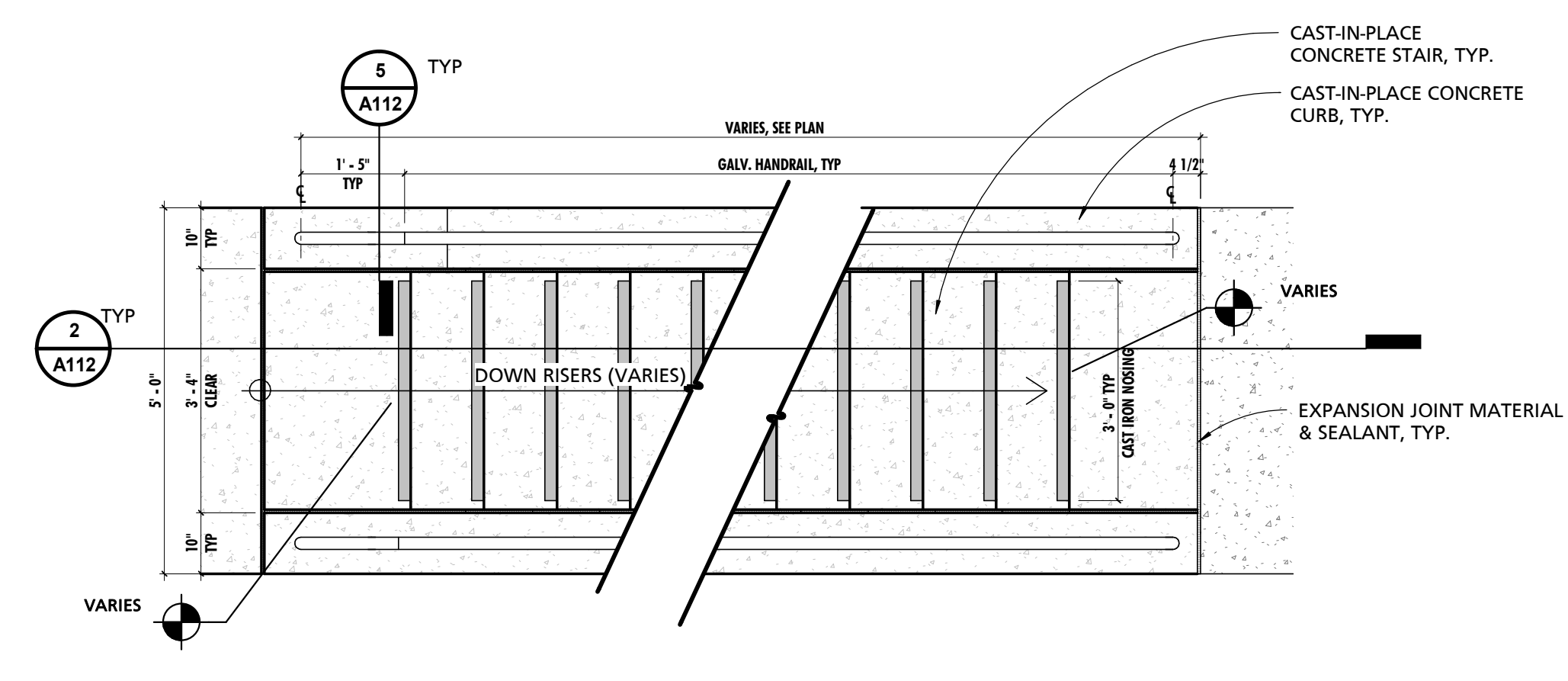
8 ENTRY COLUMN SECTION DETAIL
1 1/2" = 1'-0"



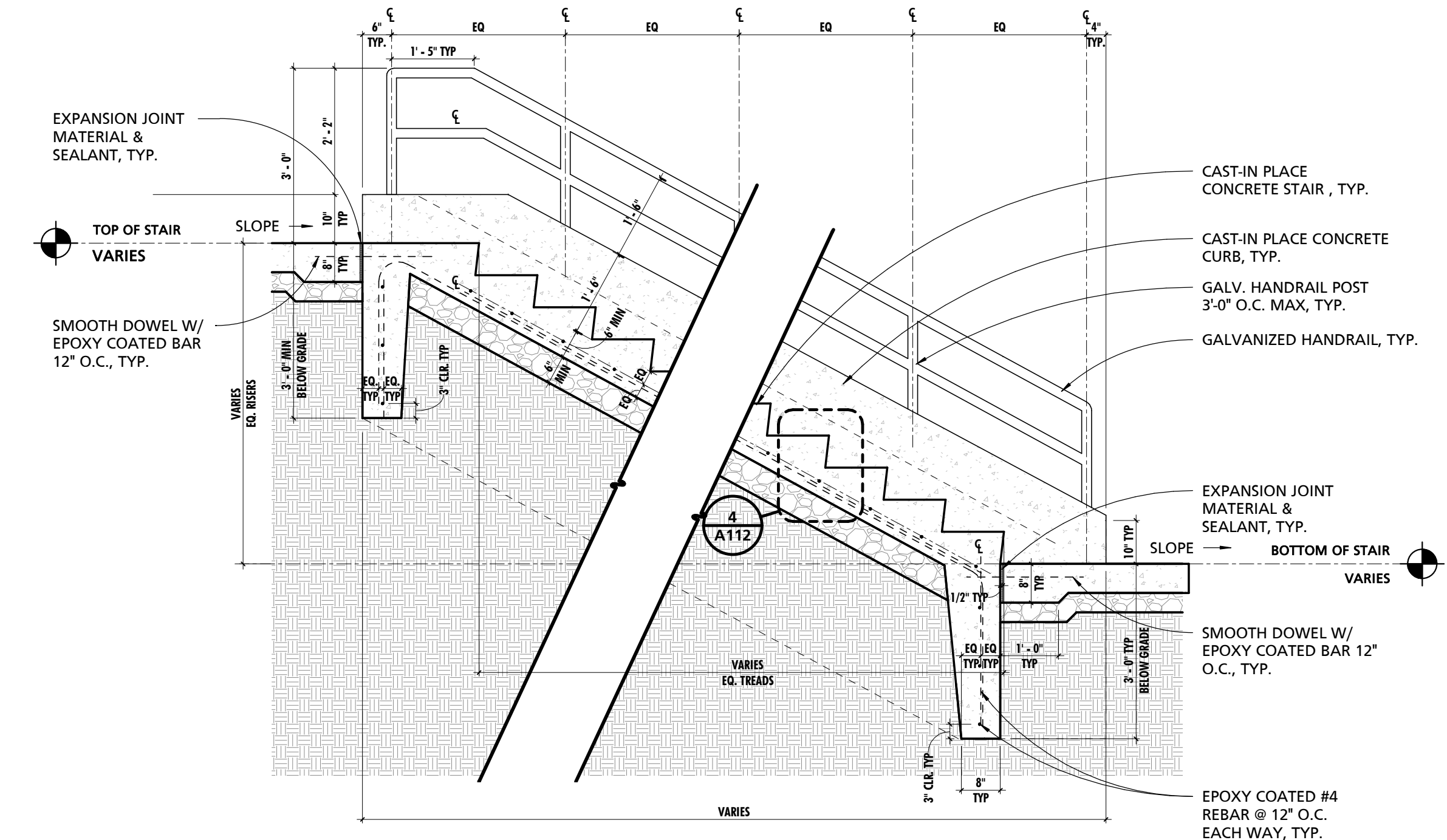
11 TYPICAL RETAINING WALL SECTION DETAIL
3/4" = 1'-0"

SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #84625311 EXPIRATION DATE: 6/30/2023

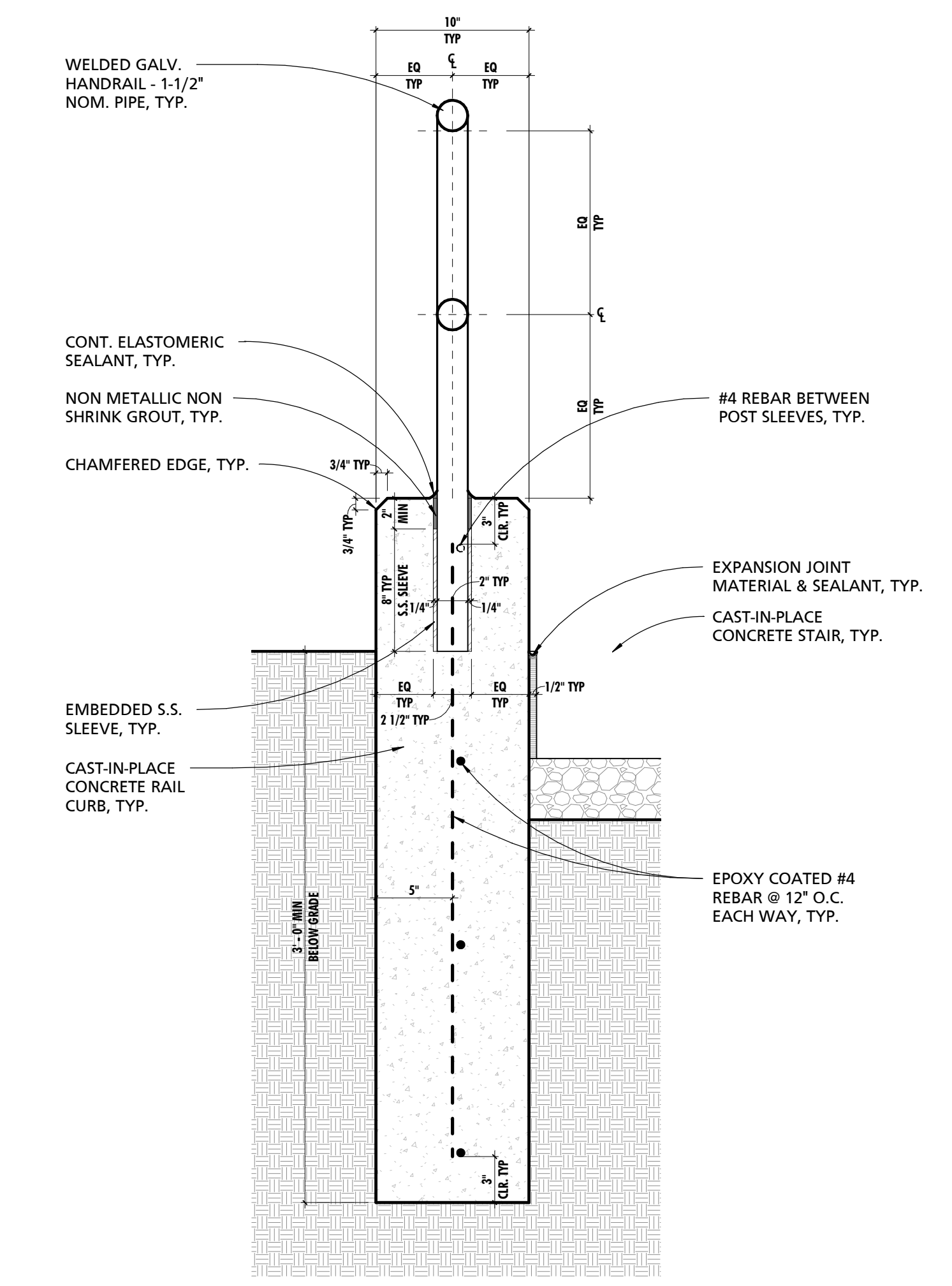
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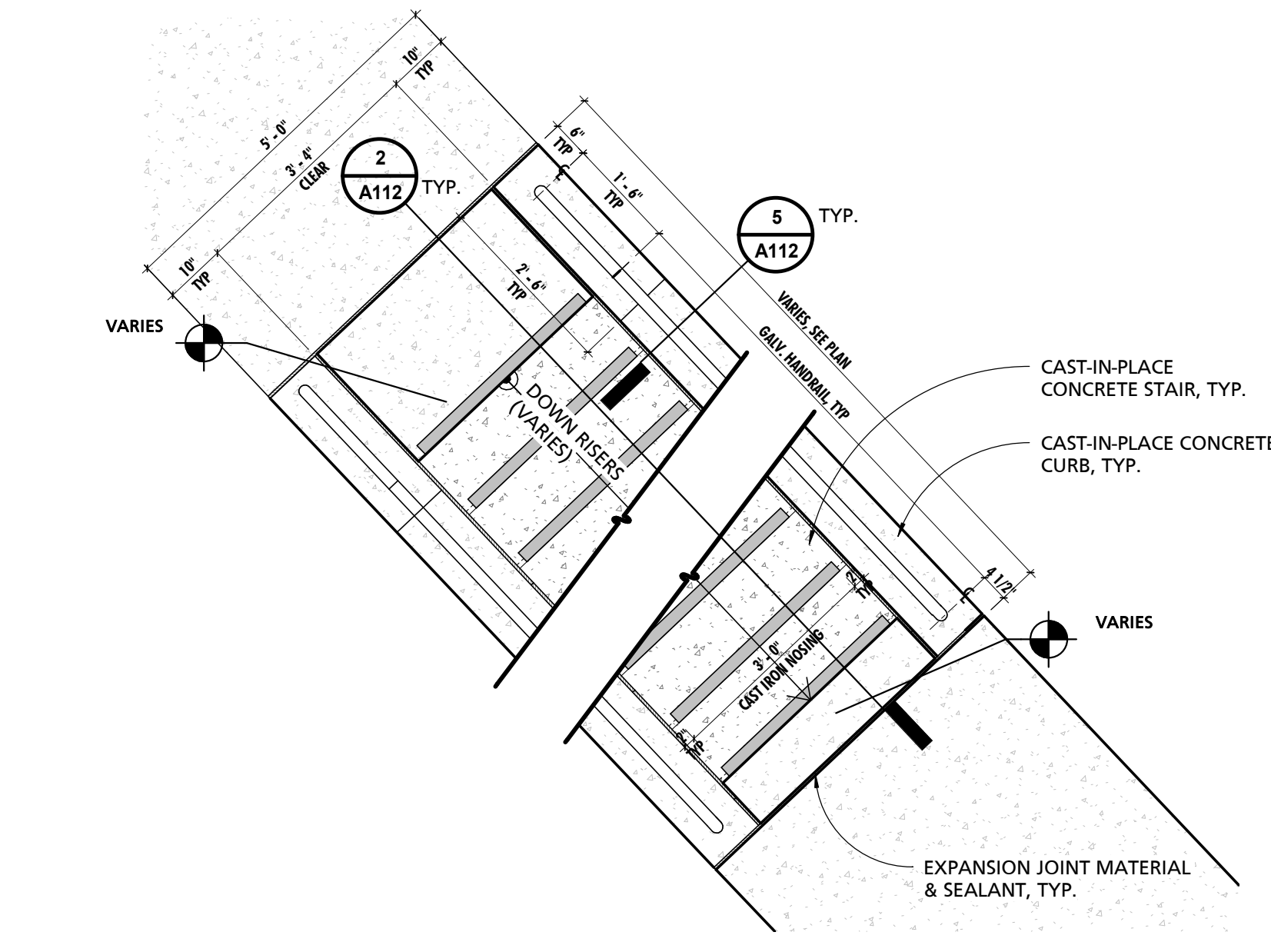
1 CONCRETE STAIR PLAN
1/2" = 1'-0"



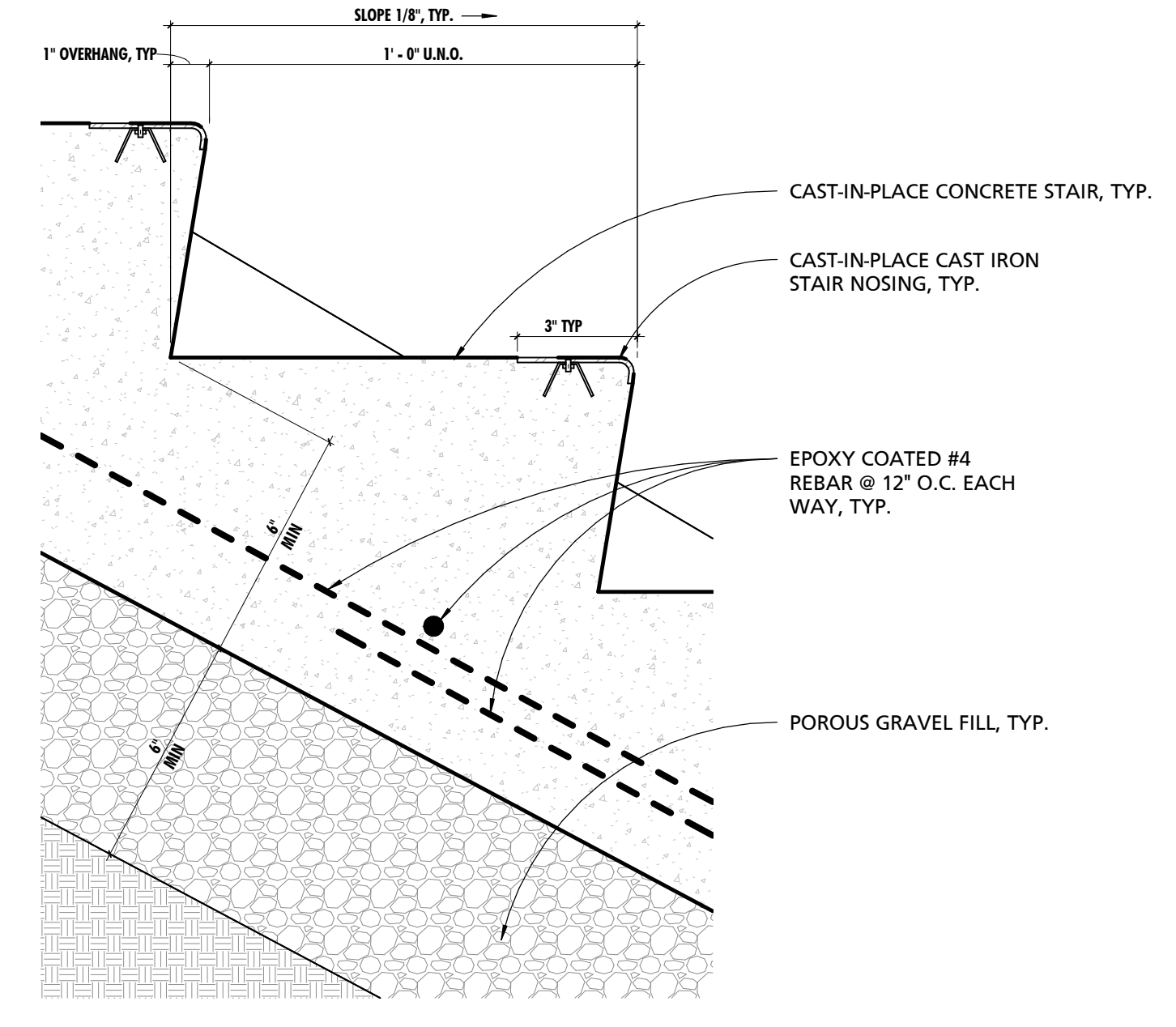
2 TYPICAL CONCRETE STAIR SECTION DETAIL
1/2" = 1'-0"



5 TYPICAL EXTERIOR HANDRAIL SECTION DETAIL
1 1/2" = 1'-0"



3 CONCRETE STAIR PLAN
1/2" = 1'-0"



4 TYPICAL EMBEDDED STAIR NOSING SECTION DETAIL
3" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
EXTERIOR STAIR DETAILS

SHEET NUMBER:
A112

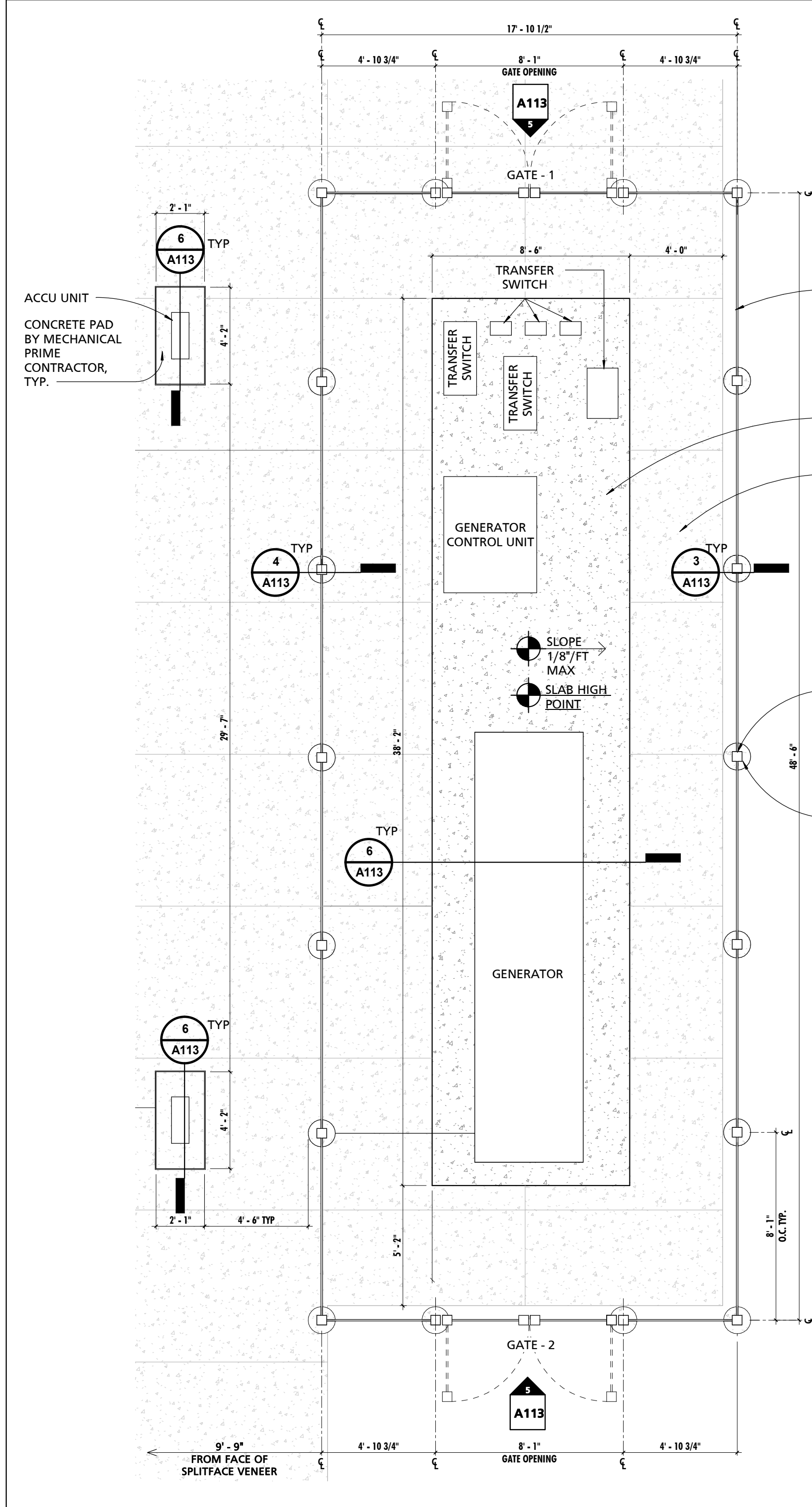
SEAL:
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THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL, AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDENDUM 14. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, DRAWINGS, AND SPECIFICATIONS. ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

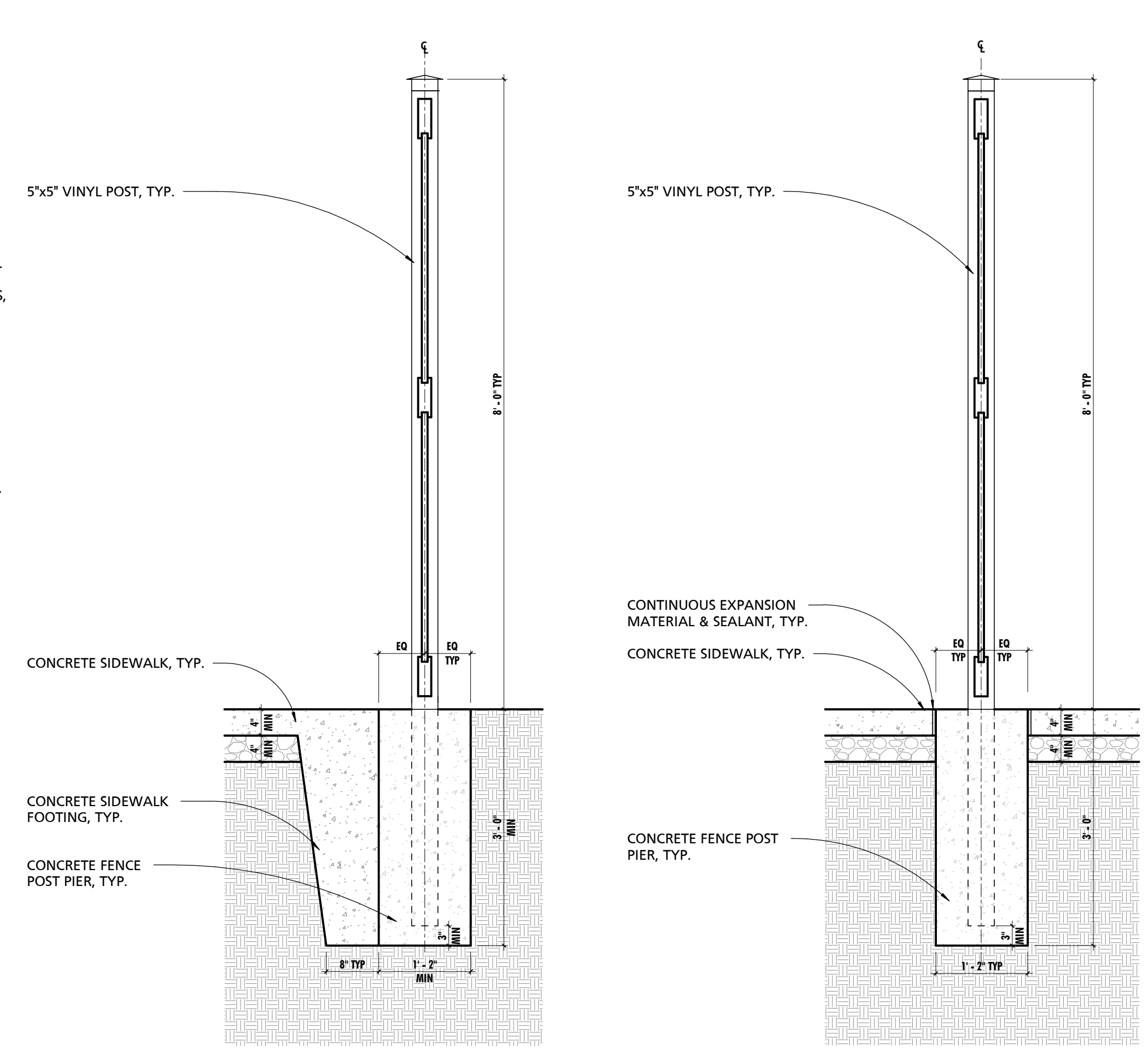
CUMRU FIRE DEPARTMENT
 1775 WELSH ROAD
 MOHANTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
 PROJECT SET:
BID SET
 DATE ISSUED:
11/30/2023
 DRAWING TITLE:
SITE DETAILS
 SHEET NUMBER:
A113

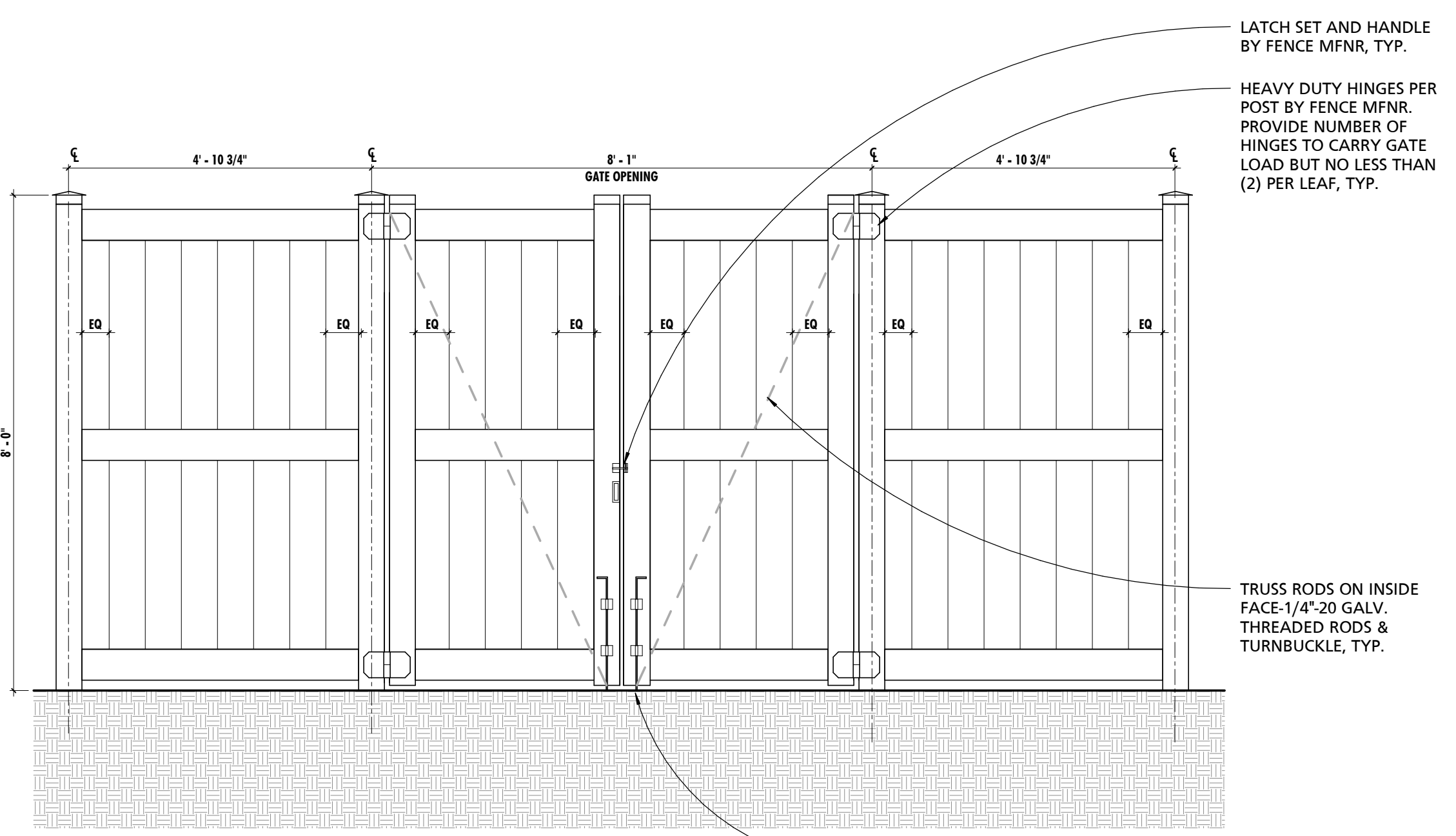


- VINYL FENCE ENCLOSURE SYSTEM, TYP. BASIS OF DESIGN - CERTAINTED-BUFFTECH GALVESTON (PANELS, RAILS, POST SLEEVES, CAPS, AND ACCESSORIES)
- RAISED CONCRETE PAD BY ELECTRICAL PRIME CONTRACTOR, TYP.
- CONCRETE SIDEWALK BY 1a GENERAL PRIME CONTRACTOR, TYP.
- CONCRETE SIDEWALK, TYP.
- CONCRETE FENCE POST PIER, TYP.
- CONTINUOUS EXPANSION MATERIAL & SEALANT, TYP.
- CONCRETE FENCE FOOTING, TYP.
- 4x4 P.T. WOOD POST IMBEDDED IN CONCRETE. COVER EXPOSED POST W/ VINYL SLEEVE, TYP.
- 14" DIA. SONOTUBE CONCRETE PIER. SONOTUBE IS FORMWORK ONLY & SHALL BE REMOVED, TYP.

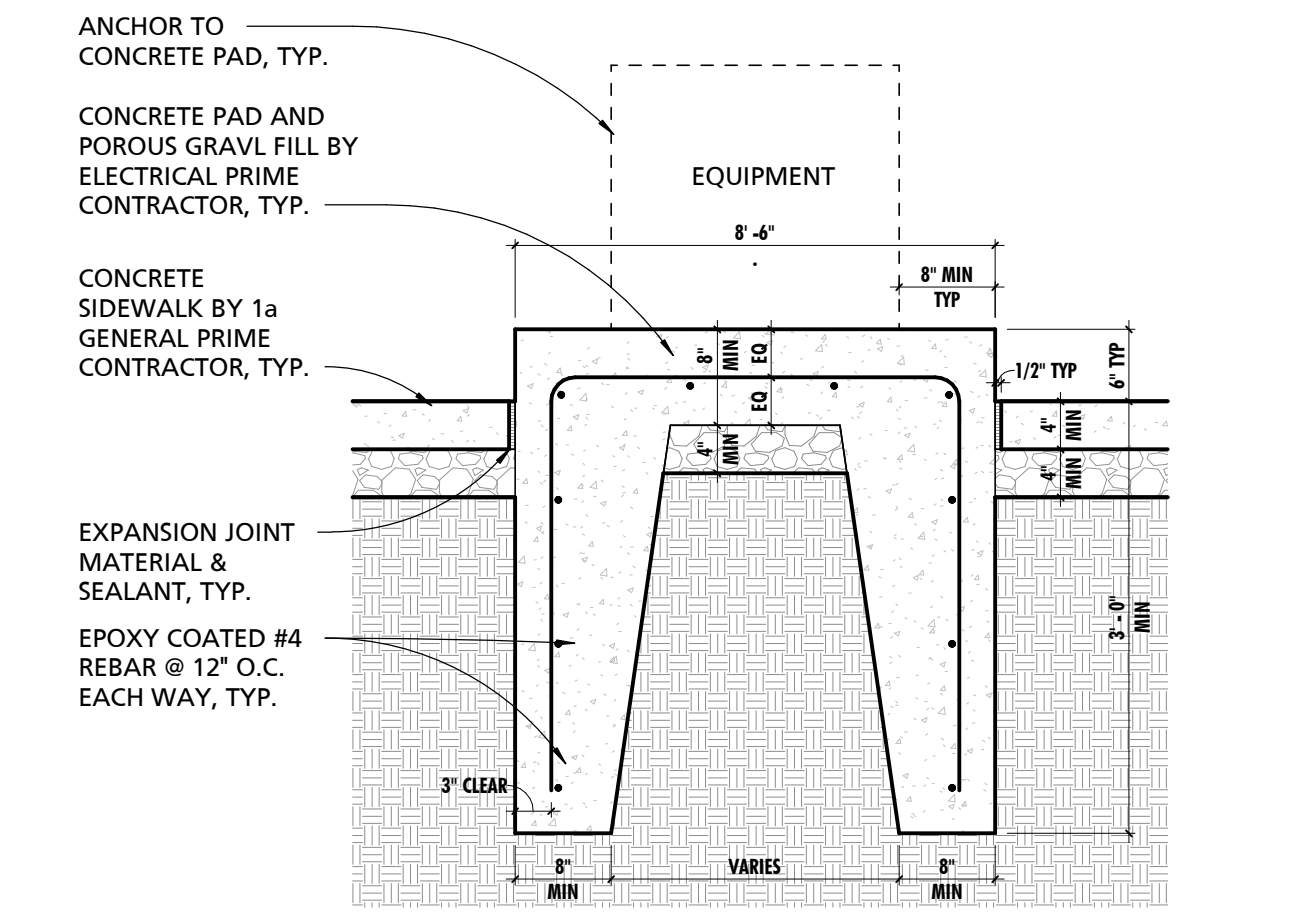


3 TYPICAL FENCE POST SECTION DETAIL
 3/4" = 1'-0"

4 TYPICAL FENCE POST SECTION DETAIL
 3/4" = 1'-0"



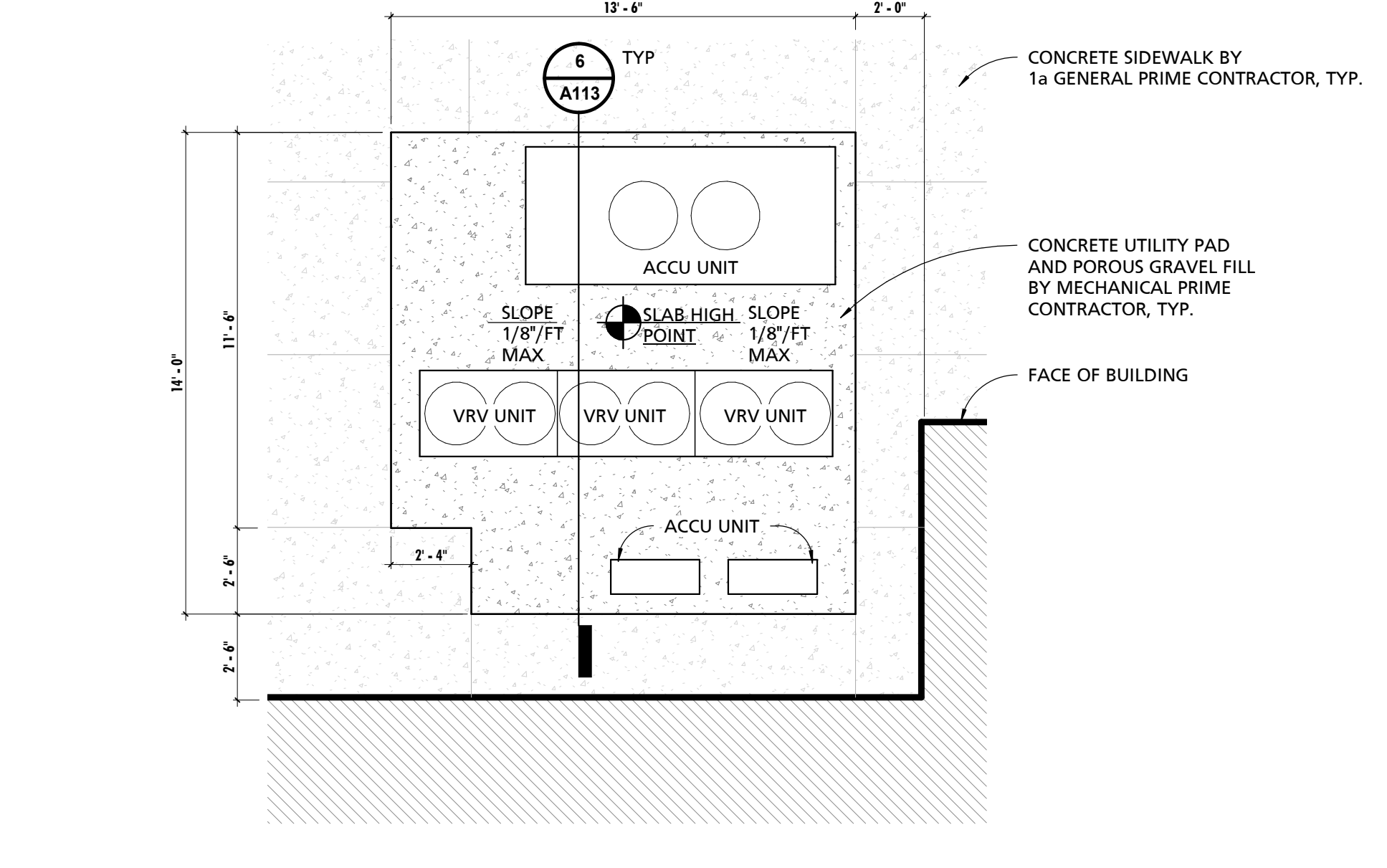
5 TYPICAL ENCLOSURE GATE
 1/2" = 1'-0"



6 TYPICAL EQUIPMENT PAD SECTION DETAIL
 3/4" = 1'-0"

1 EQUIPMENT PAD ENCLOSURE
 1/4" = 1'-0"

- NOTES:
1. CONTRACTOR SHALL COORDINATE FINAL PAD SIZE W/ EQUIPMENT. WHERE EQUIPMENT REQUIRES LARGER PAD SIZE CONTRACTOR SUPPLYING EQUIPMENT SHALL BE RESPONSIBLE FOR ADDED COST.
 2. CONTRACTOR PROVIDING CONCRETE PADS SHALL PROVIDE FLAT AREAS WHERE REQUIRED FOR EQUIPMENT INSTALLATION & WARP REMAINING SURFACE TO DRAIN WATER FROM EQUIPMENT PAD.



2 EQUIPMENT PAD PLAN
 1/4" = 1'-0"

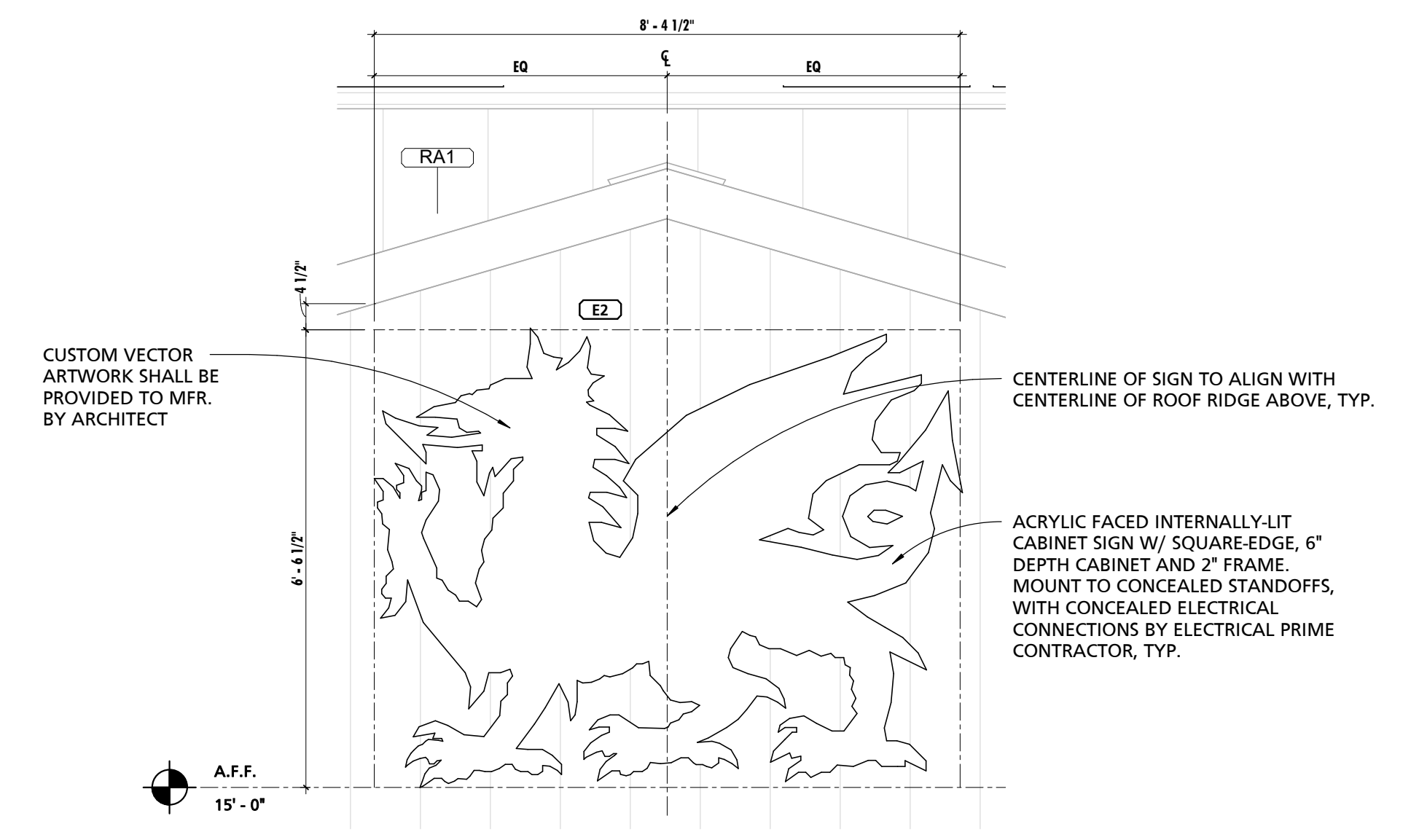
- NOTES:
1. CONTRACTOR SHALL COORDINATE FINAL PAD SIZE W/ EQUIPMENT. WHERE EQUIPMENT REQUIRES LARGER PAD SIZE CONTRACTOR SUPPLYING EQUIPMENT SHALL BE RESPONSIBLE FOR ADDED COST.
 2. CONTRACTOR PROVIDING CONCRETE PADS SHALL PROVIDE FLAT AREAS WHERE REQUIRED FOR EQUIPMENT INSTALLATION & WARP REMAINING SURFACE TO DRAIN WATER FROM EQUIPMENT PAD.

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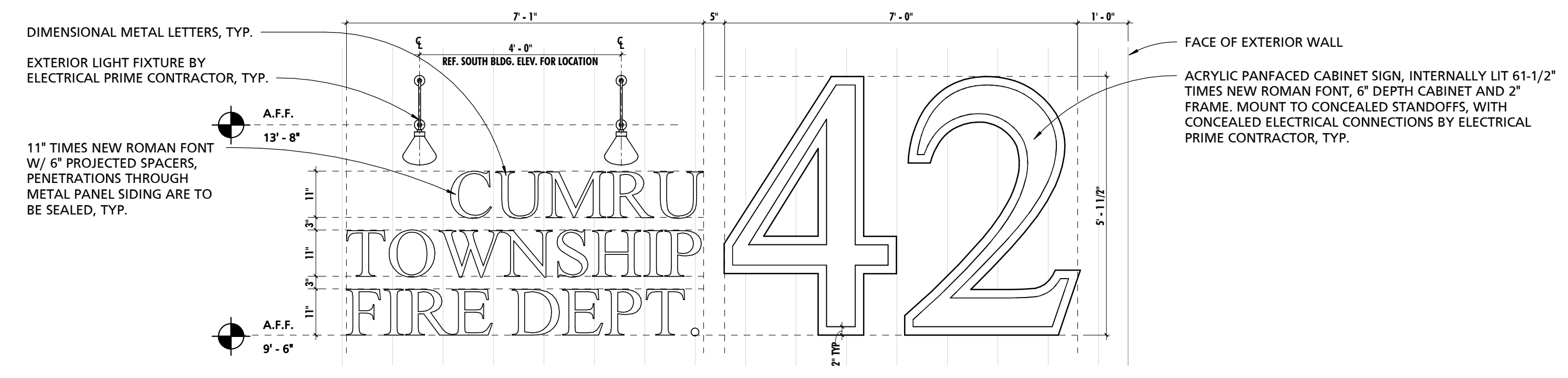
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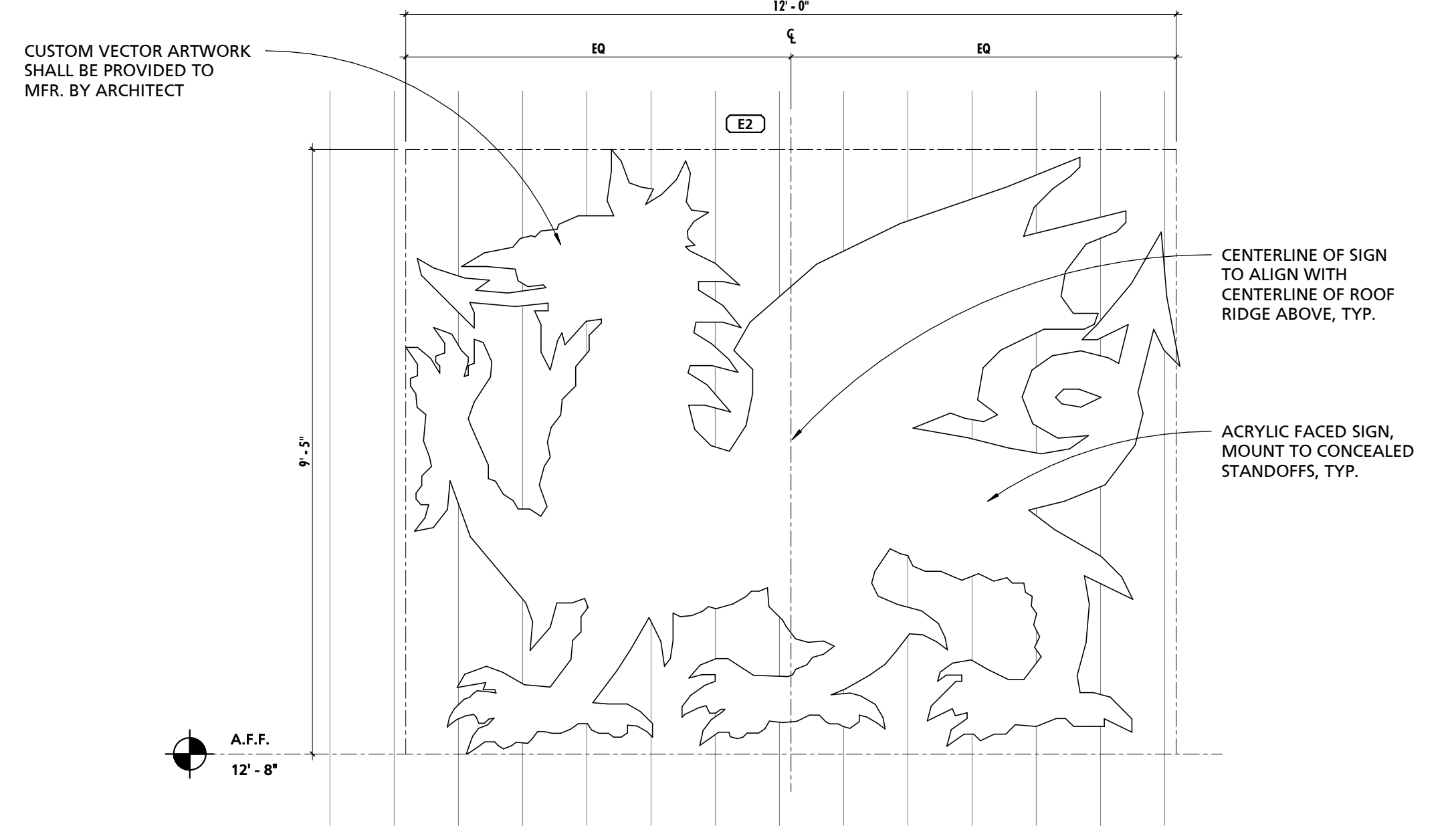
1 BUILDING SIGNAGE
1/2" = 1'-0"



3 INTERNALLY LIT CABINET SIGN DETAIL
1/2" = 1'-0"



2 BUILDING SIGNAGE & INTERNALLY LIT 42" CABINET SIGN
1/2" = 1'-0"



4 PANFACE ACRYLIC SIGN DETAIL
1/2" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
SIGNAGE DETAILS

SHEET NUMBER:
A114

GENERAL ELEVATION NOTES

NOTE # 1 SEE OTHER ELEVATIONS FOR TYPICAL NOTES.

EXTERIOR FINISH LEGEND

FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	BOD COMMENTS
EF-1	STANDING SEAM METAL ROOF PANELS	ATAS INTERNATIONAL, INC.	STANDING DUTCH SEAM - COLOR (G2)	CHARCOL GREY
EF-2	VERTICAL METAL WALL PANEL	-	-	COLOR TBD
EF-3	3.5/8" SPLIT FACE MASONRY, TYP.	YORK BUILDING PRODUCTS	-	COLOR CORN SILK
EF-4	6" x 8" x 16" GROUND FACE SOLID CHAMFER BLOCK	YORK BUILDING PRODUCTS	-	-
EF-5	HORIZONTAL INSULATED CORRUGATED METAL SIDING	-	-	COLOR TBD
EF-6	ALUMINUM FASCIA, TYP.	-	-	SHEET METAL
EF-7	ALUMINUM GUTTER & DOWNSPOUT, TYP.	-	-	SHEET METAL
EF-8	4" CORNER TRIM	-	-	COLOR TO MATCH METAL WALL PANEL

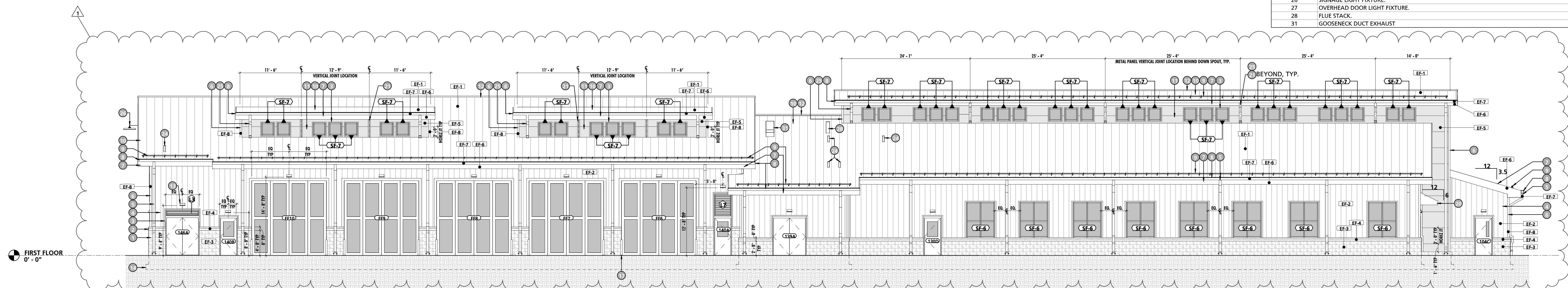
TYPICAL REFERENCED NOTES - ELEVATIONS

NO.	NOTE
1	CMU SPLIT FACE VENEER.
2	GROUND FACE BLOCK BANDING PROFILE A.
3	PAINTED INSULATED METAL DOOR/WINDOW, AND ASSOCIATED FRAME.
4	PRE-FINISHED VERTICAL METAL PANELS.
5	5"x4" PRE-FINISHED METAL DOWNSPOUT TO POWDER COATED CAST IRON BOOT.
6	PRE-FINISHED CORNER CLOSURE.
7	PRE-FINISHED METAL WRAPPED FASCIA BOARD.
8	6"x6" PRE-FINISHED METAL GUTTER.
9	SNOW GUARD.
10	STANDING SEAM METAL ROOF.
11	PRE-FINISHED HORIZONTAL INSULATED METAL PANEL.
12	PRE-FINISHED METAL RIDGE CAP.
13	WALL MOUNTED EXTERIOR LIGHT FIXTURE, SEE ELECTRICAL PLANS FOR MORE INFORMATION.
14	CONCRETE FOOTING, SEE STRUCTURAL PLANS FOR MORE INFORMATION.
17	BOLLARD.
18	ACRYLIC PANFACED CABINET SIGN, INTERNALLY LIT.
19	DIMENSIONAL METAL LETTERING.
20	STANDING SEAM METAL ROOF AWNING CENTERED OVER DOOR OPENING BELOW.
21	HORIZONTAL INSULATED METAL PANEL VERTICAL JOINT.
22	GAS METER.
23	ACRYLIC SIGN.
24	PLUMBING VENT.
25	5"x4" PRE-FINISHED METAL DOWNSPOUT.
26	SIGNAGE LIGHT FIXTURE.
27	OVERHEAD DOOR LIGHT FIXTURE.
28	FLUE STACK.
31	GOOSENECK DUCT EXHAUST.

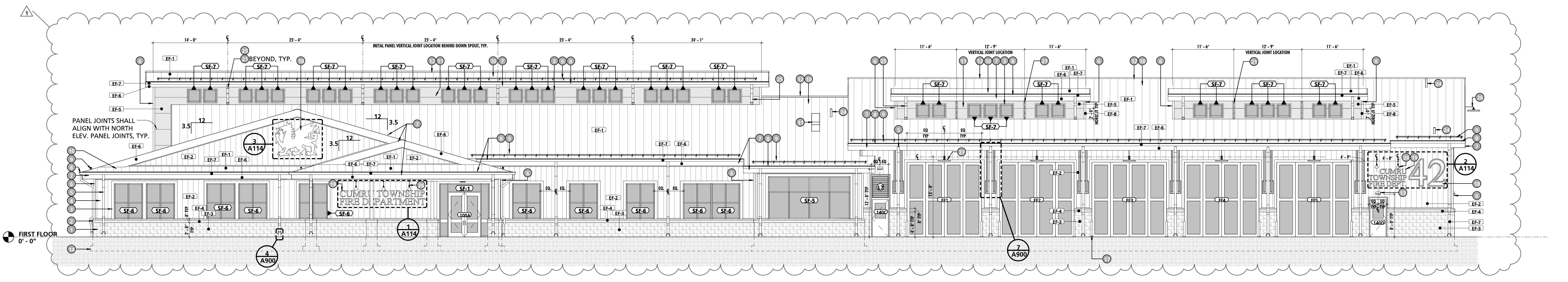
MANNING STUDIOS
ARCHITECTURE + MASTER PLANNING
10839-D PHILADELPHIA RD
WHITE MARSH, MD 21162
(P) 410-344-1460
(F) 443-403-2460
(E) INFO@MANNINGSTUDIOS.COM
WWW.MANNINGSTUDIOS.COM

SEAL:
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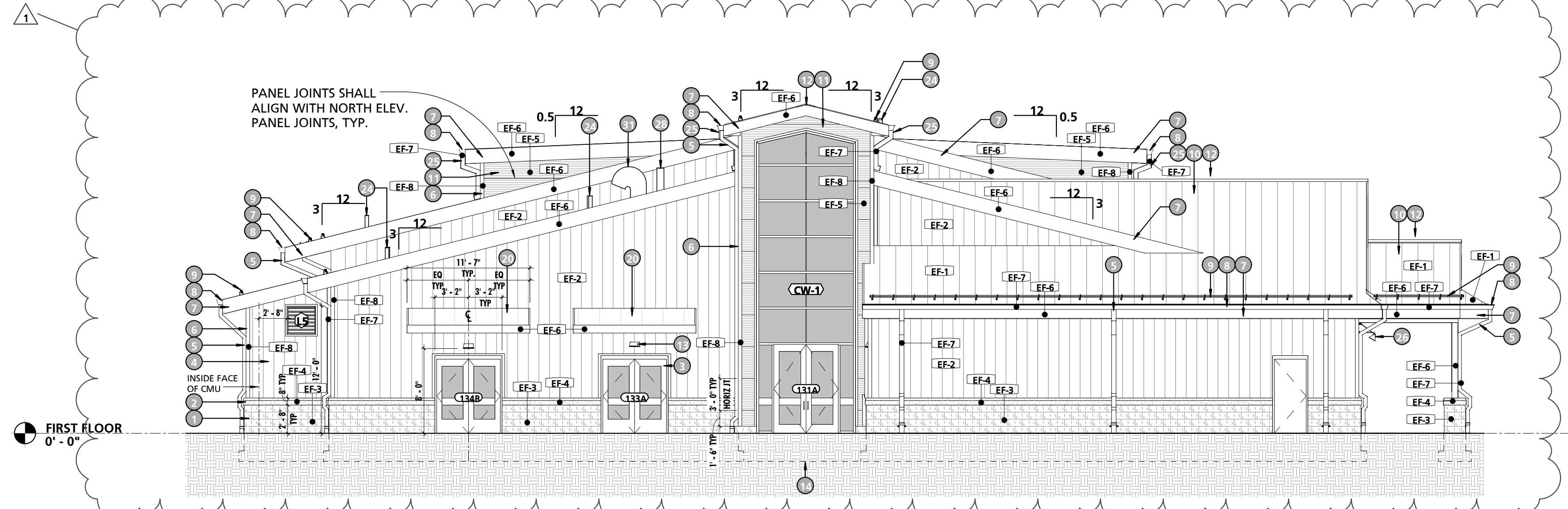
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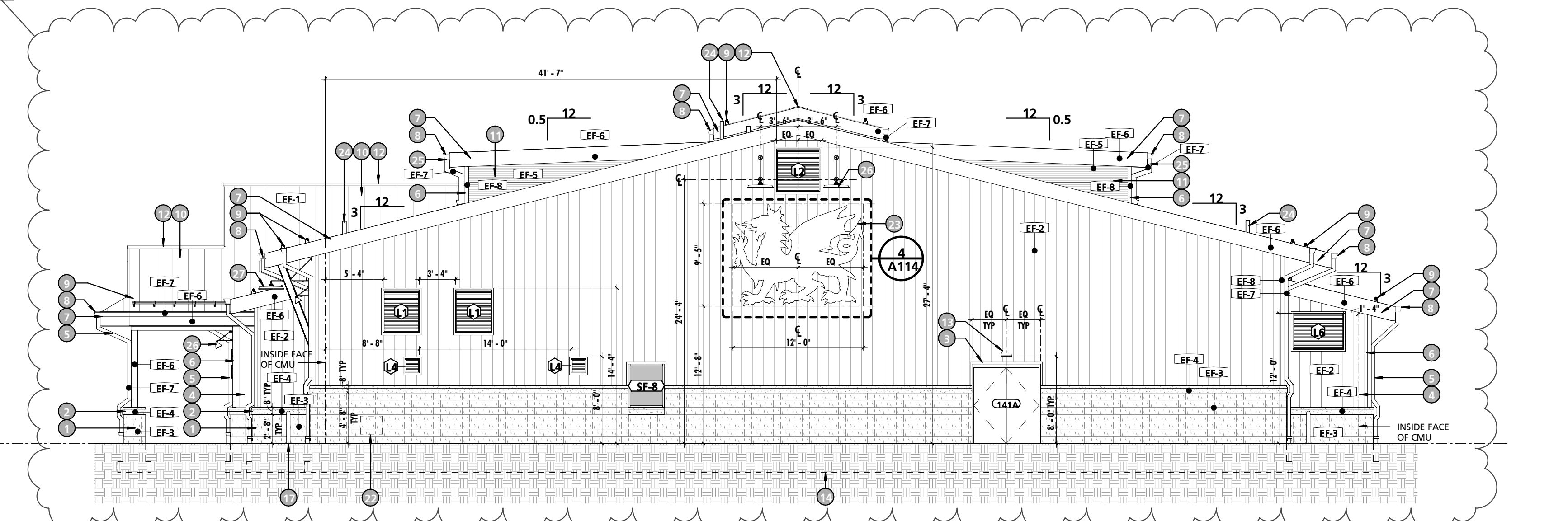
1 NORTH ELEVATION
1/8" = 1'-0"



2 SOUTH ELEVATION
1/8" = 1'-0"



3 WEST ELEVATION
1/8" = 1'-0"



4 EAST ELEVATION
1/8" = 1'-0"

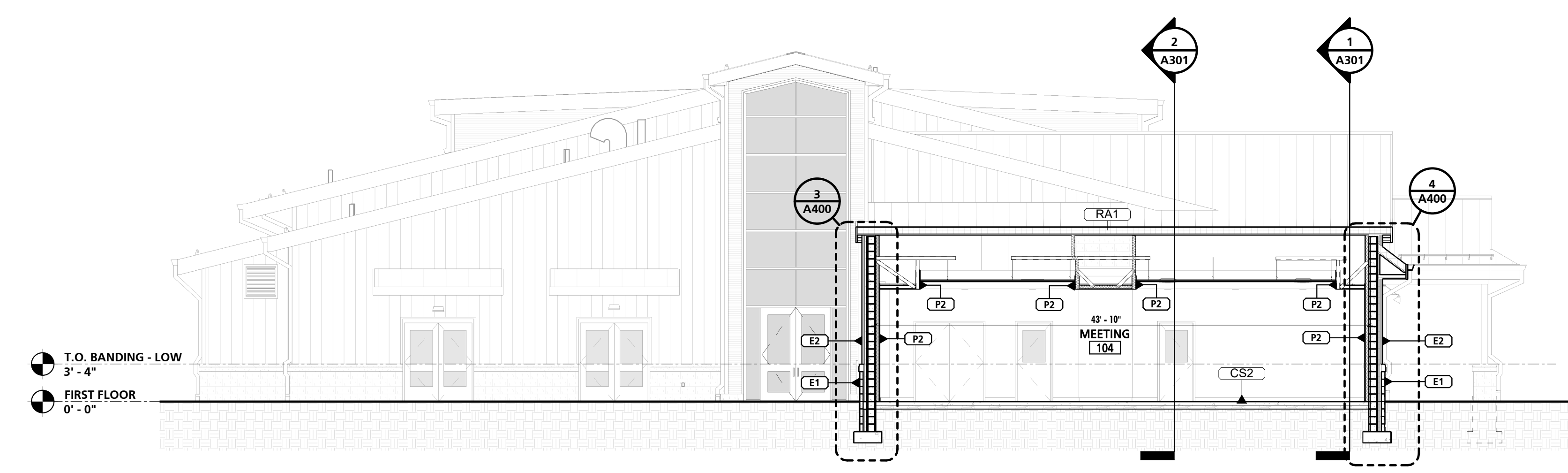
CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE
1	Addendum 1	12/21/23
PROJECT NUMBER: 18-036		
PROJECT SET: BID SET		
DATE ISSUED: 11/30/2023		
DRAWING TITLE: BUILDING ELEVATIONS		
SHEET NUMBER: A200		

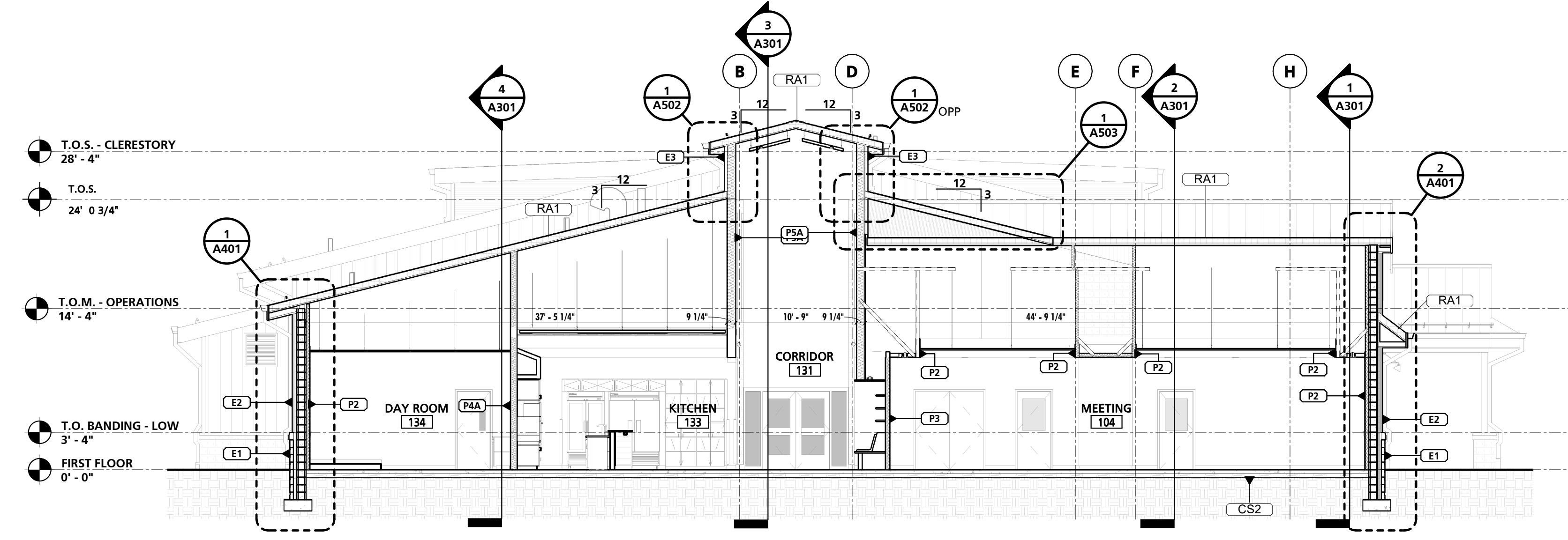
12/20/2023 11:34:58 AM

GENERAL BUILDING SECTION NOTES

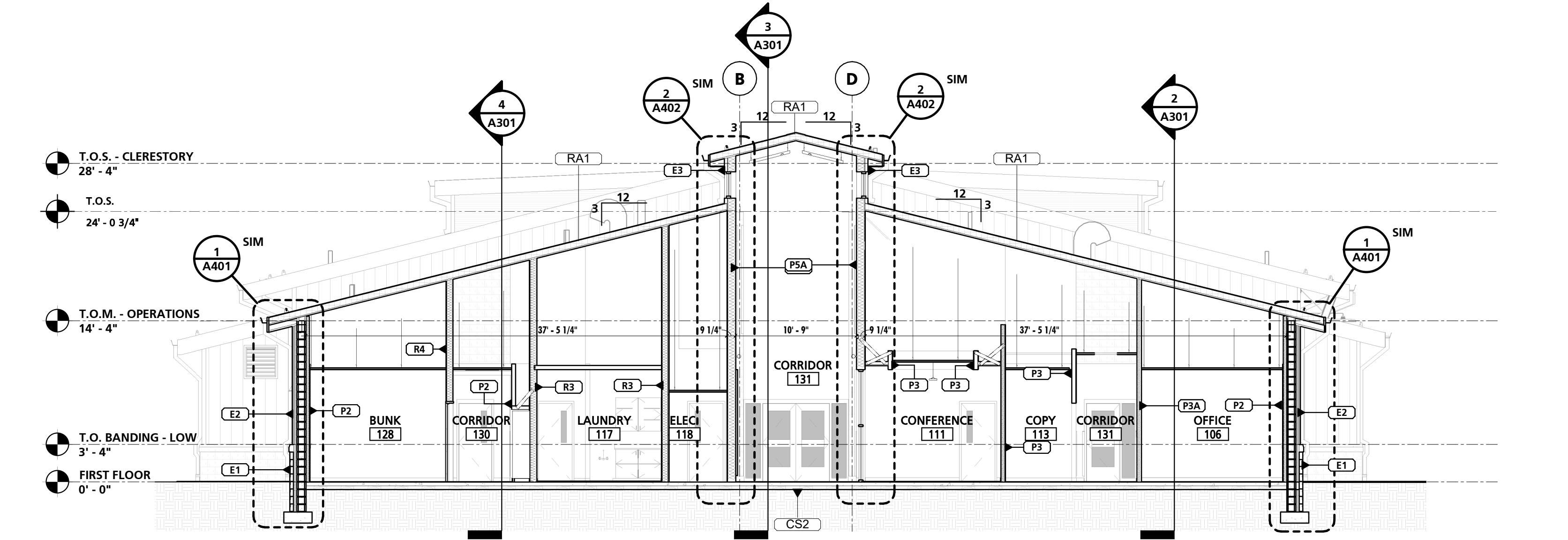
NOTE # 1 NOTE
 BUILDING SECTIONS ARE INTENDED TO SHOW OVERALL RELATIONSHIPS OF SPACES, OVERALL ASSEMBLIES, AND THE GEOMETRY OF THE BUILDING. SEE REFERENCED WALL SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION.



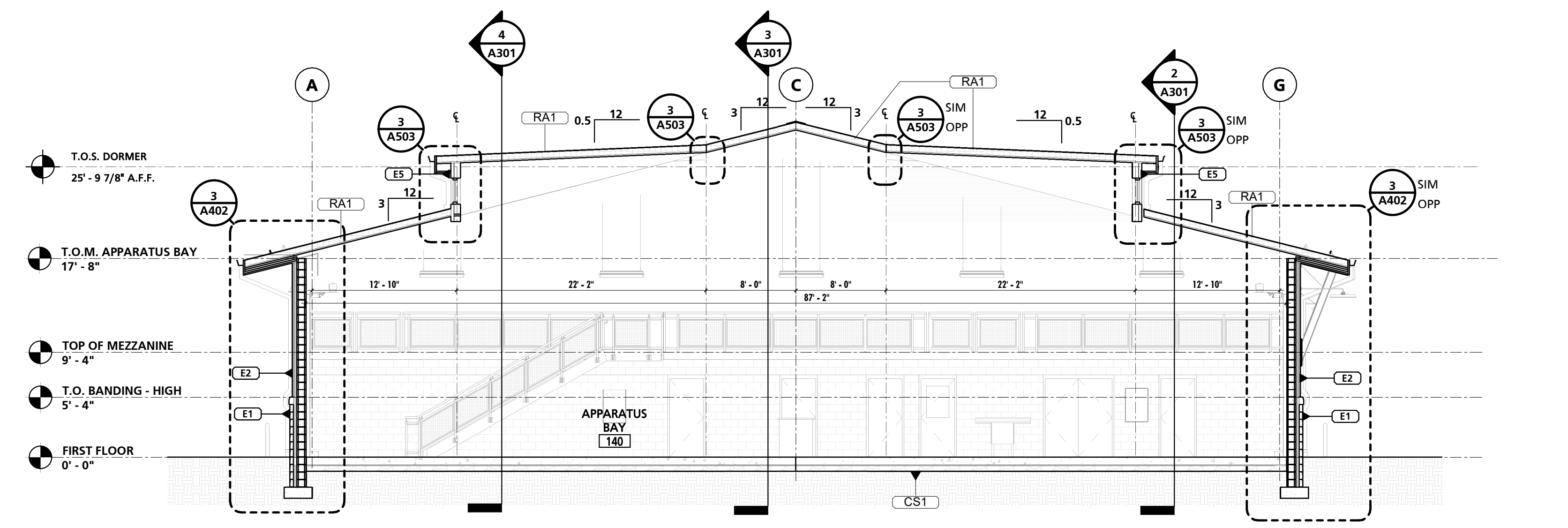
1 TRANSVERSE A - THRU MEETING ROOM 104
 1/8" = 1'-0"



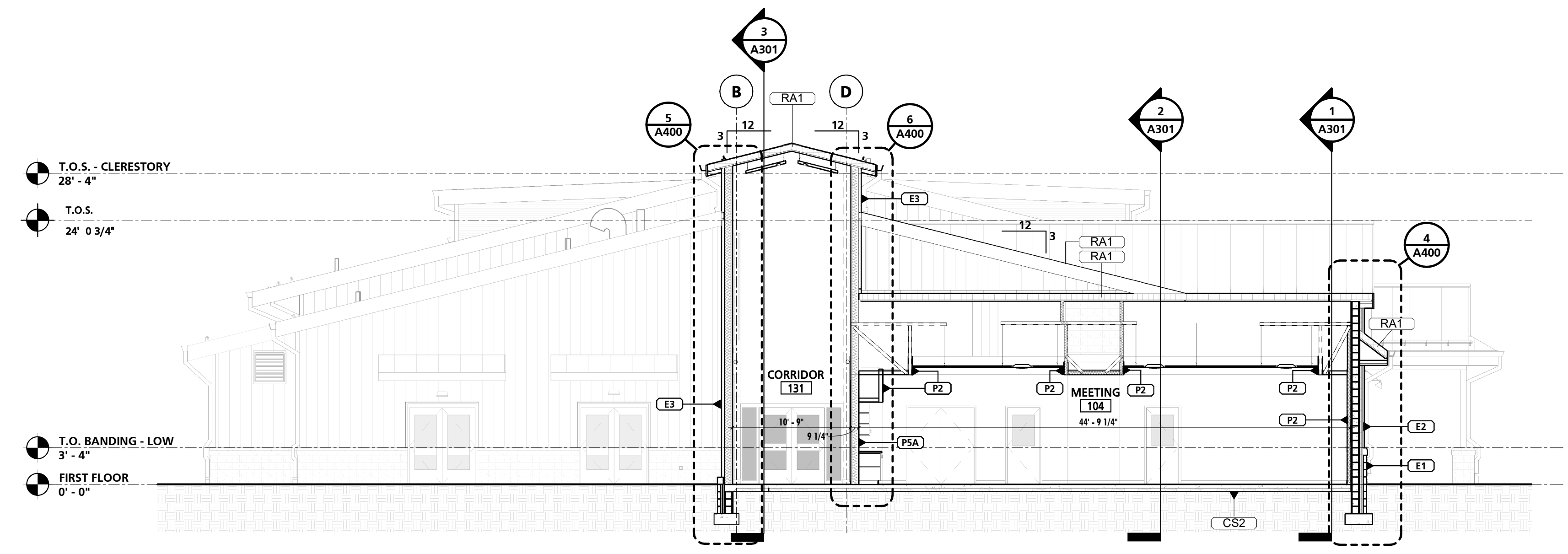
3 TRANSVERSE C - THRU KITCHEN 133 & MEETING ROOM 104
 1/8" = 1'-0"



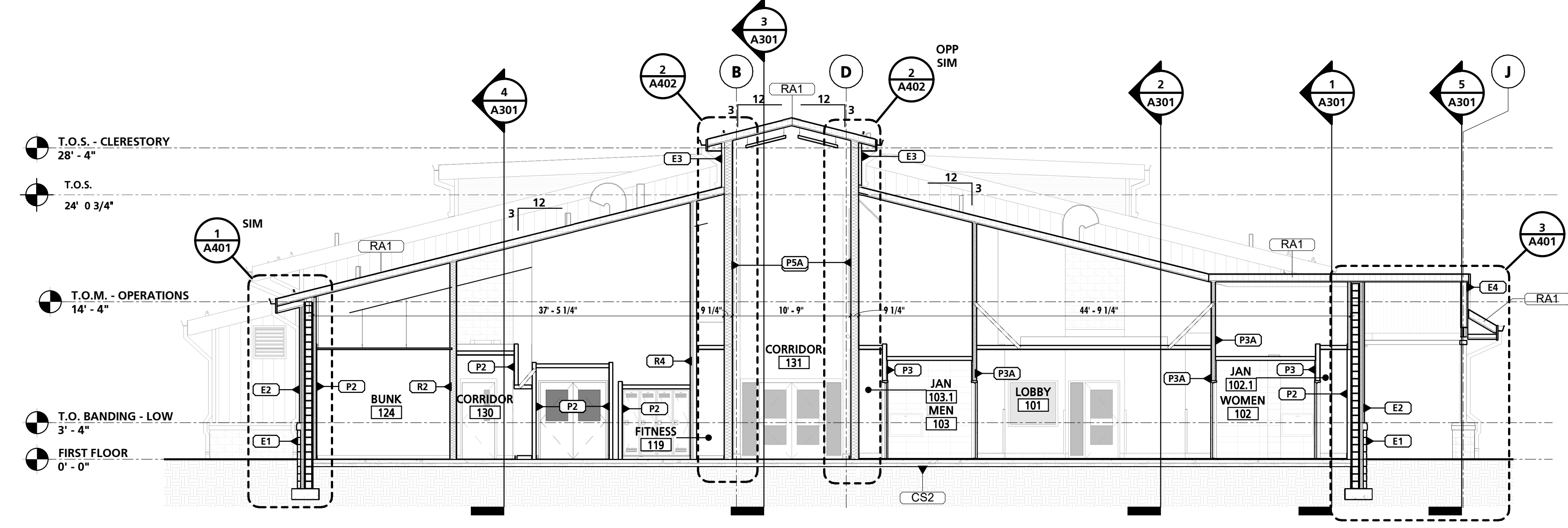
5 TRANSVERSE E - THRU BUNK & ADMIN. AREA
 1/8" = 1'-0"



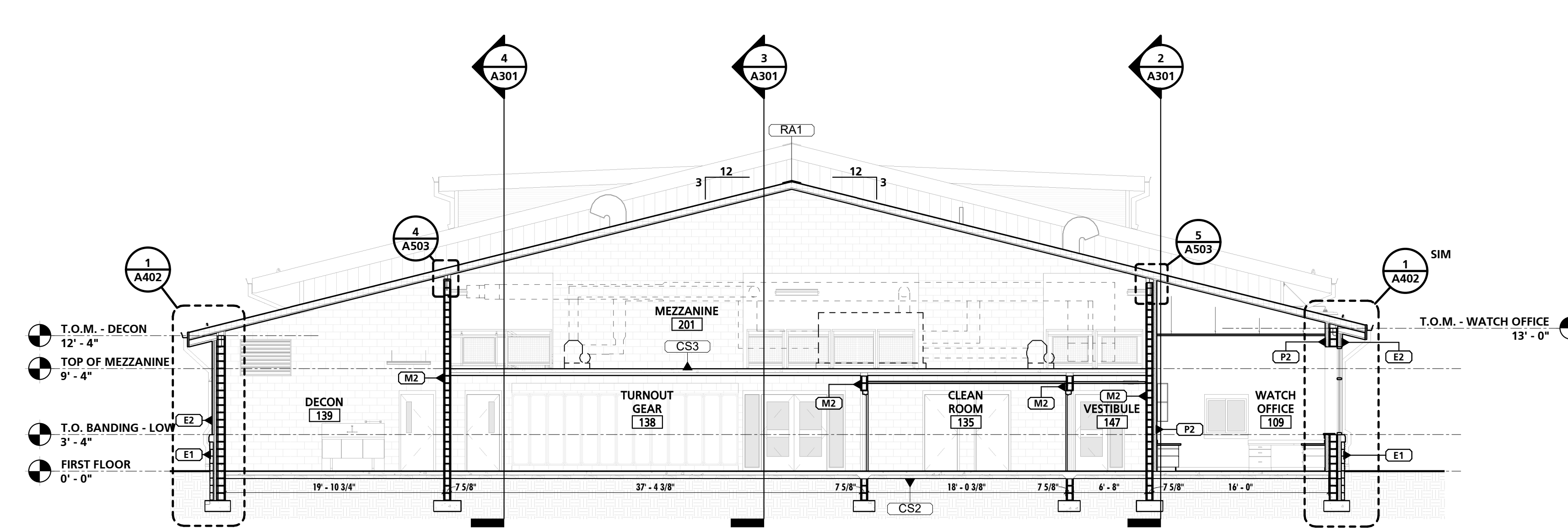
7 TRANSVERSE G - THRU APPARATUS BAY DORMERS
 1/8" = 1'-0"



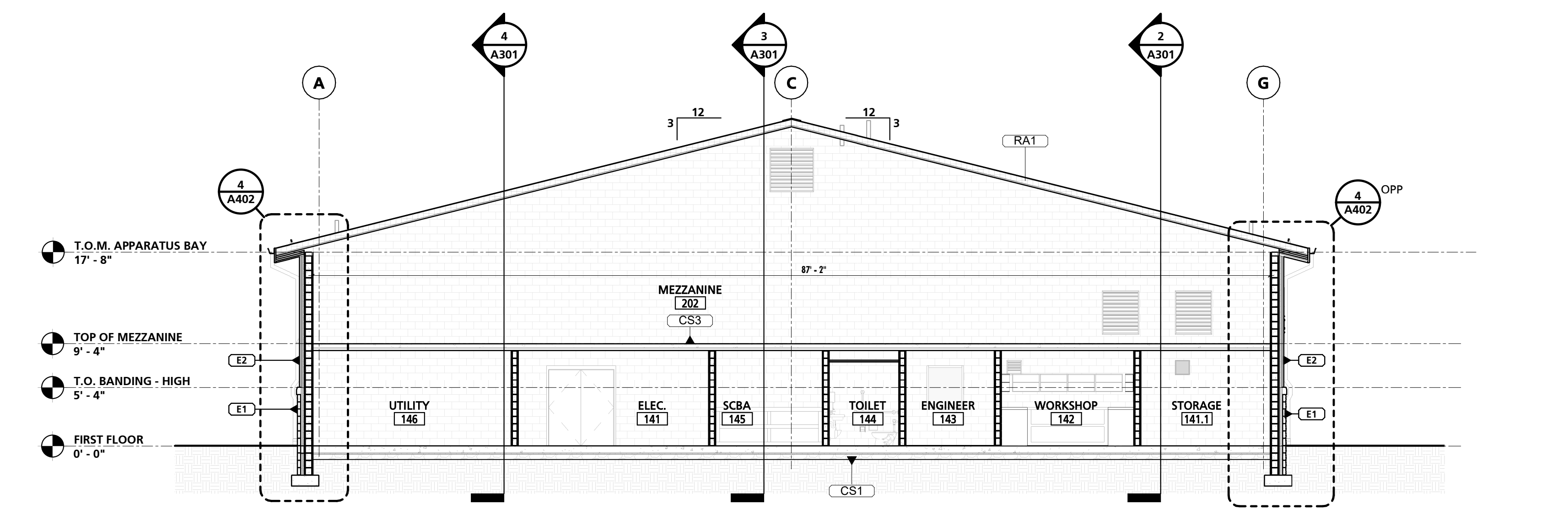
2 TRANSVERSE B - THRU CORRIDOR 131
 1/8" = 1'-0"



4 TRANSVERSE D - THRU BUNK & LOBBY AREA
 1/8" = 1'-0"



6 TRANSVERSE F - THRU MEZZANINE 201
 1/8" = 1'-0"



8 TRANSVERSE H - THRU APPARATUS SUPPORT & MEZZANINE 202
 1/8" = 1'-0"

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CUMRU FIRE DEPARTMENT
 1775 WELSH ROAD
 MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER: 18-036
 PROJECT SET: BID SET
 DATE ISSUED: 11/30/2023

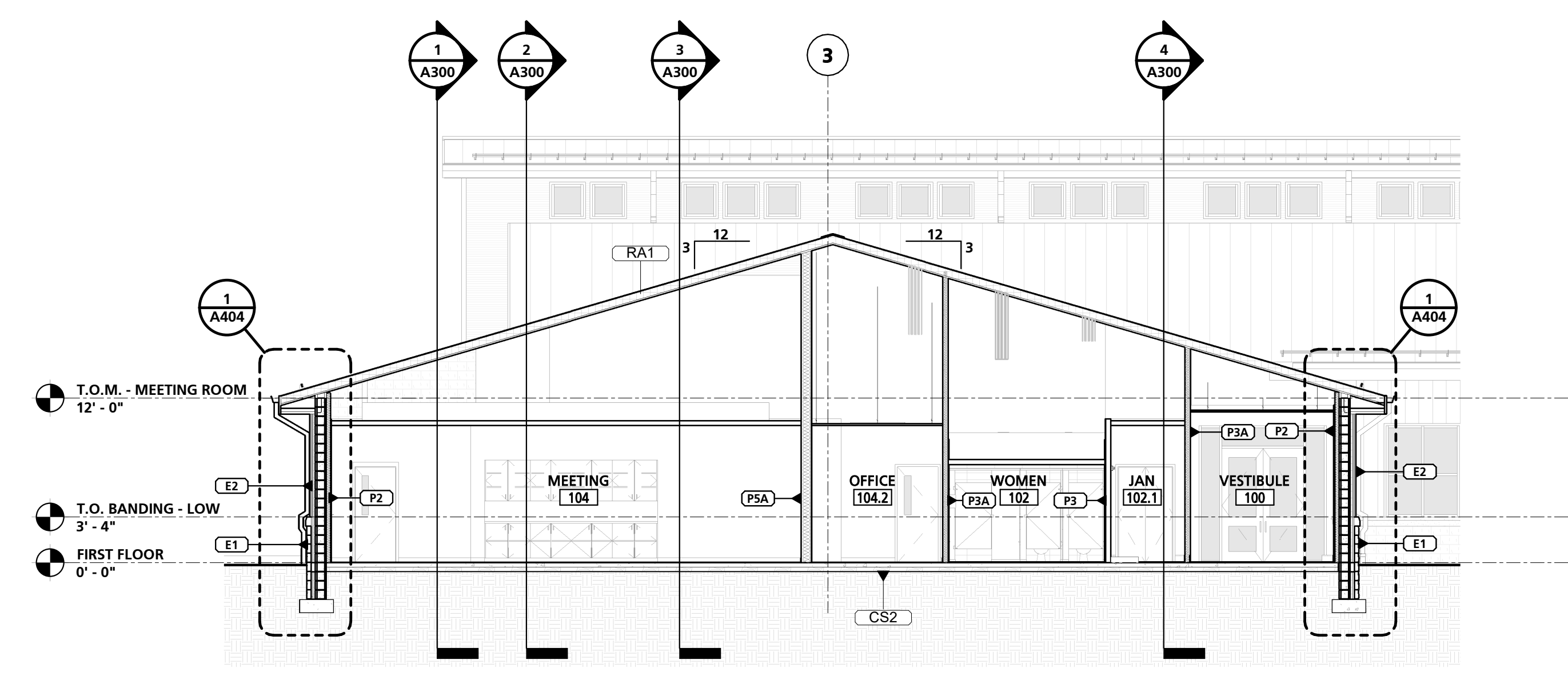
DRAWING TITLE:
 TRANSVERSE BUILDING SECTIONS

SHEET NUMBER:
A300

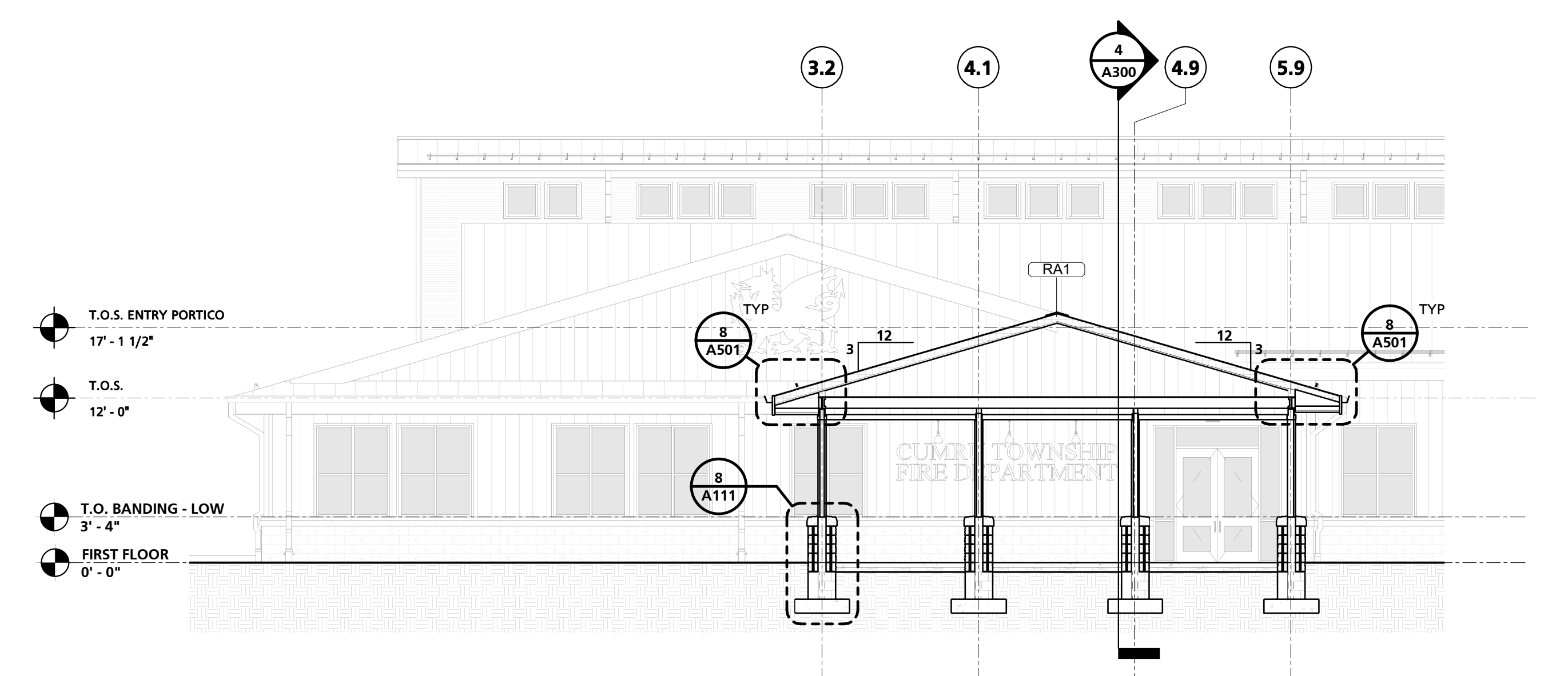
11/29/2023 11:42:00 AM

SEAL:
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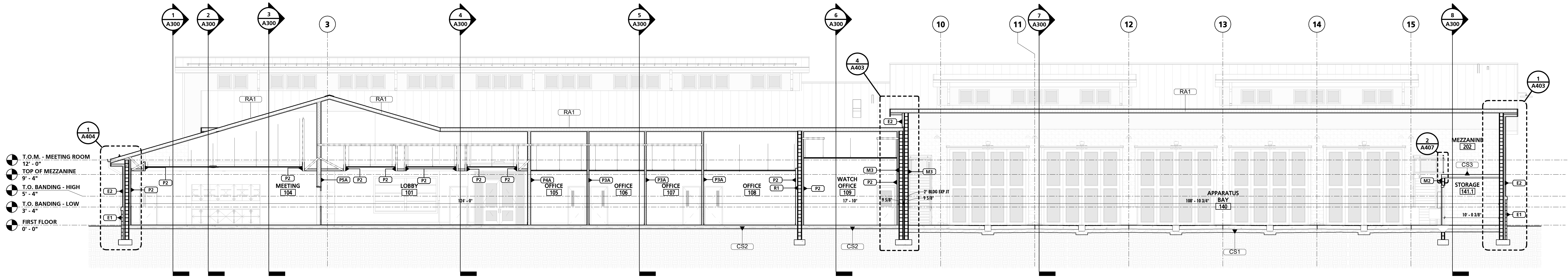
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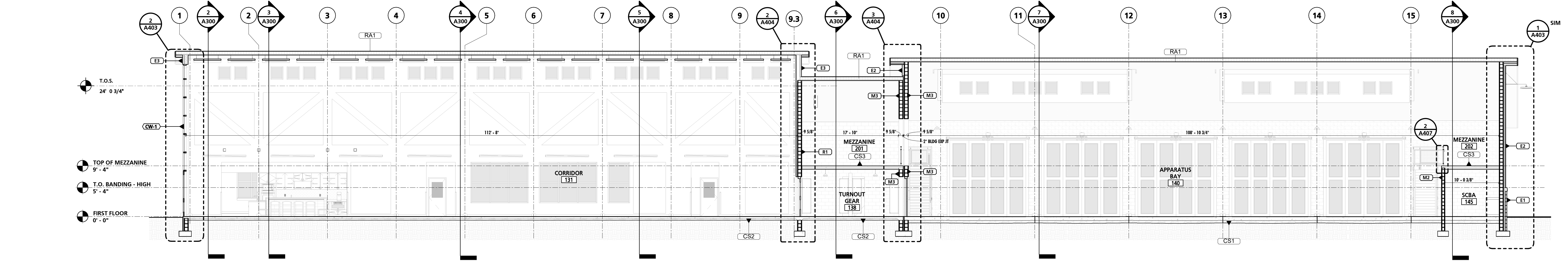
1 LONGITUDINAL 1 - THRU MEETING ROOM
1/8" = 1'-0"



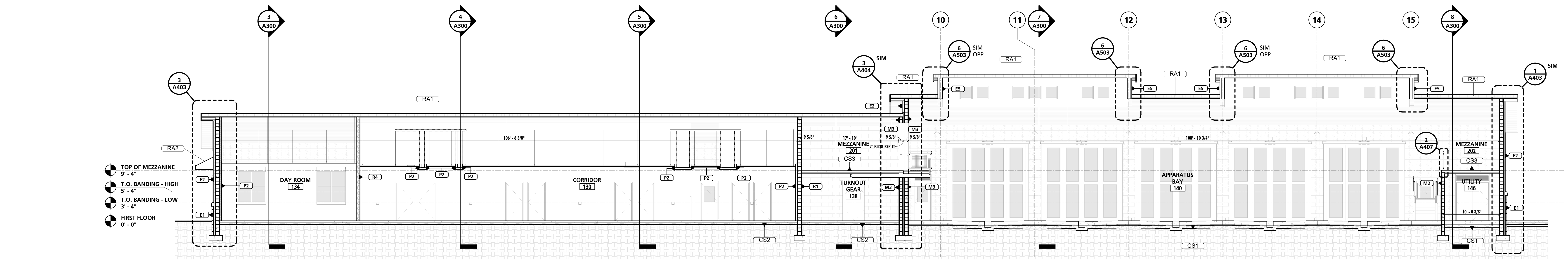
5 LONGITUDINAL 5 - FRONT ENTRY
1/8" = 1'-0"



2 LONGITUDINAL 2 - THRU BUILDING
1/8" = 1'-0"



3 LONGITUDINAL 3 - THRU CLERESTORY
1/8" = 1'-0"



4 LONGITUDINAL 4 - THRU BUILDING
1/8" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
LONGITUDINAL
BUILDING SECTIONS

SHEET NUMBER:
A301

11/29/2023 11:42:09 AM

SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #6405311 EXPIRATION DATE: 6/30/2023

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CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

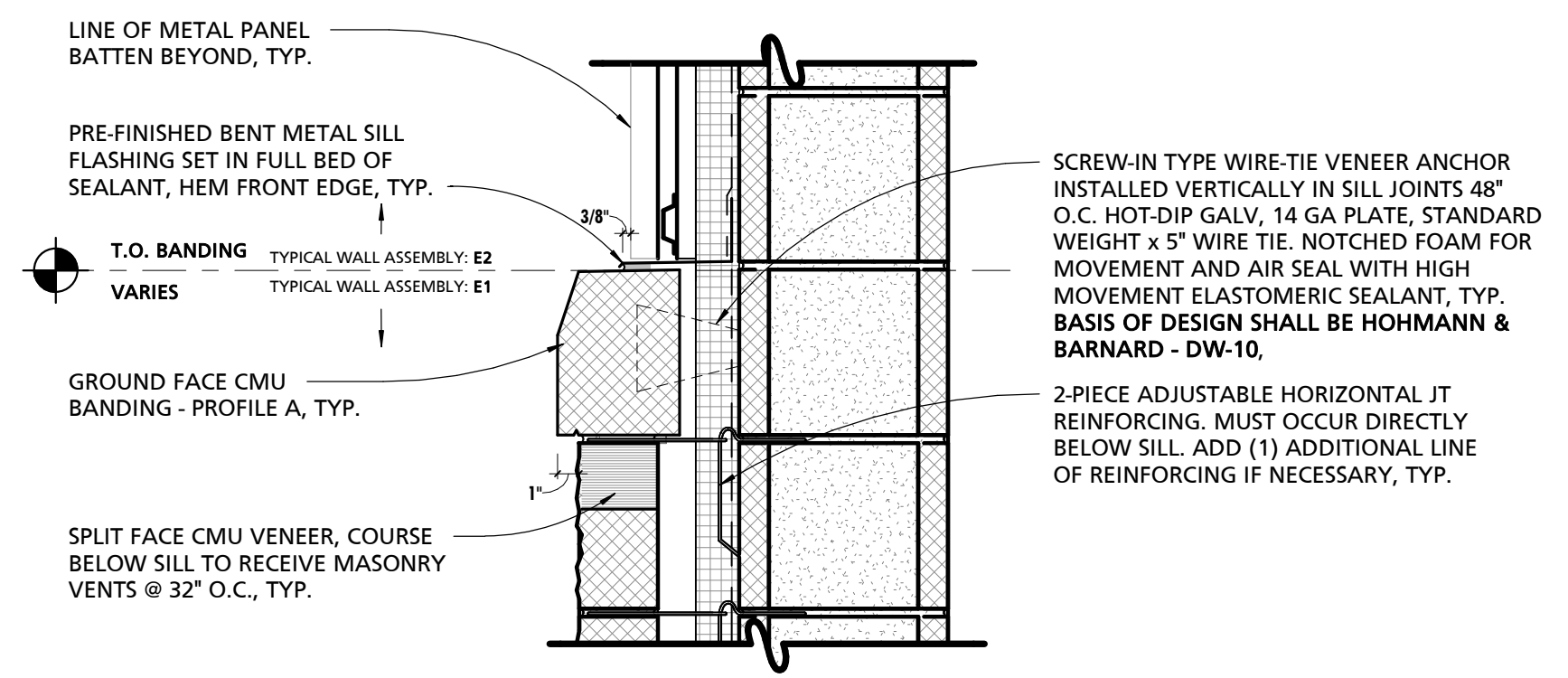
NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

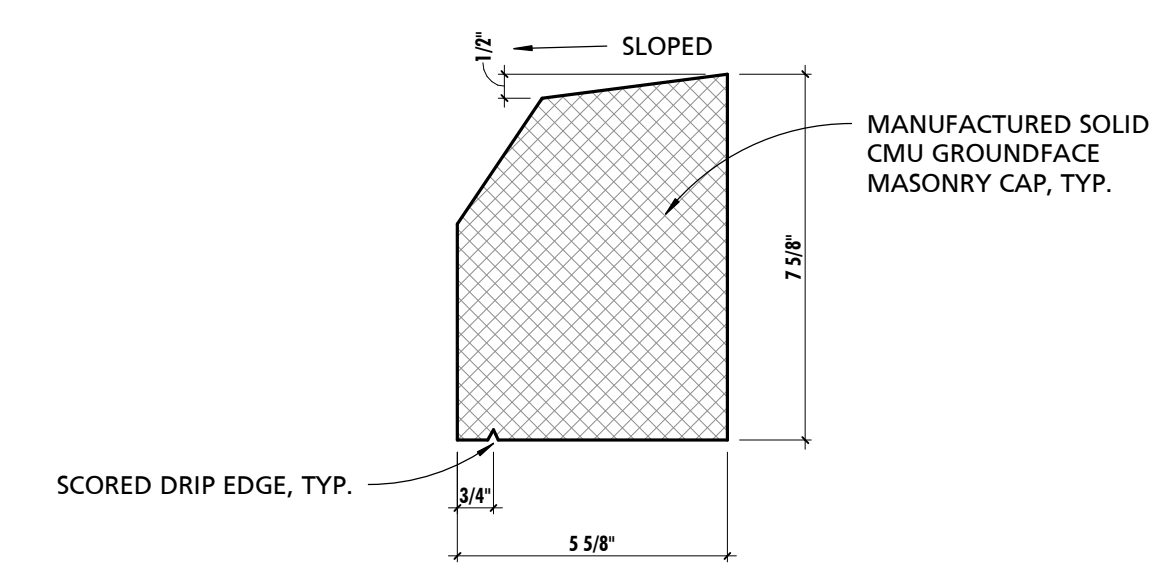
DRAWING TITLE:
WALL SECTIONS

SHEET NUMBER:
A400

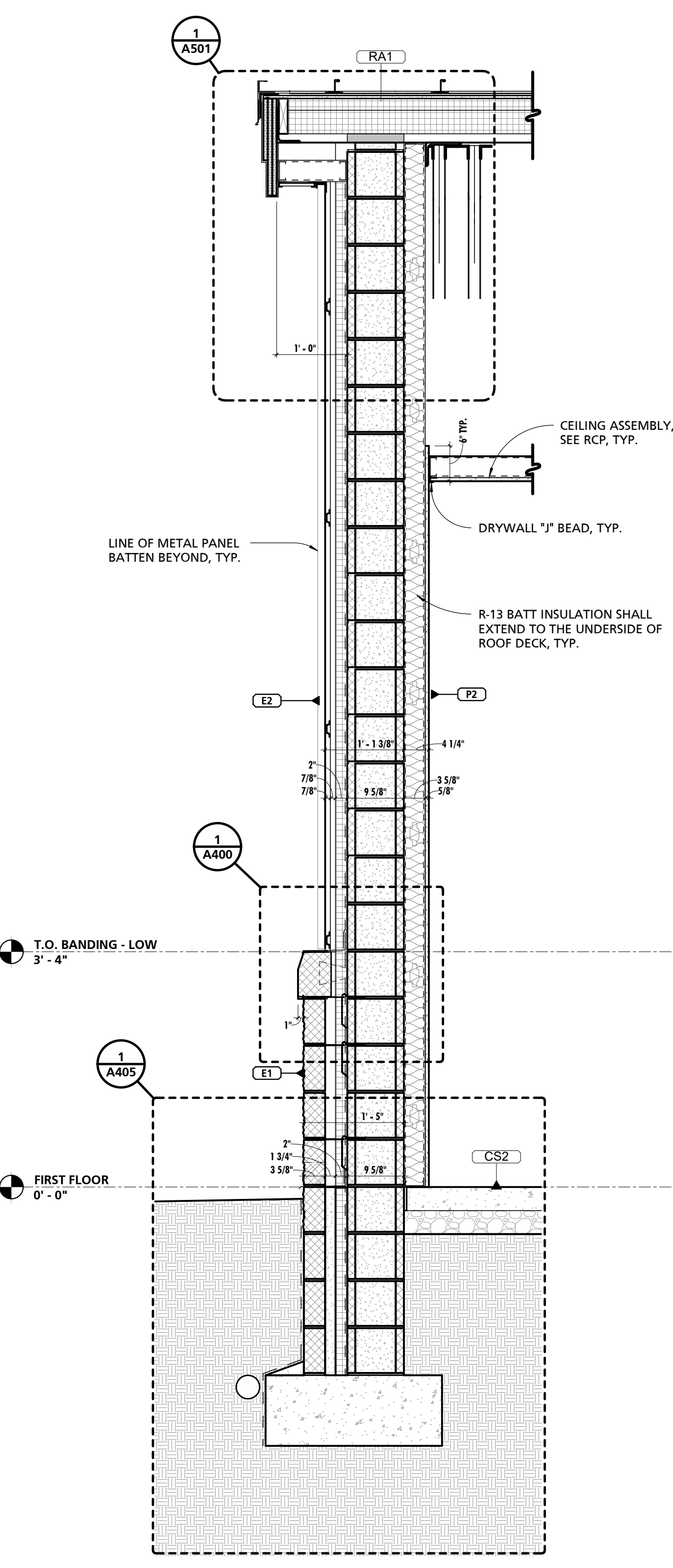
11/29/2023 11:42:12 AM



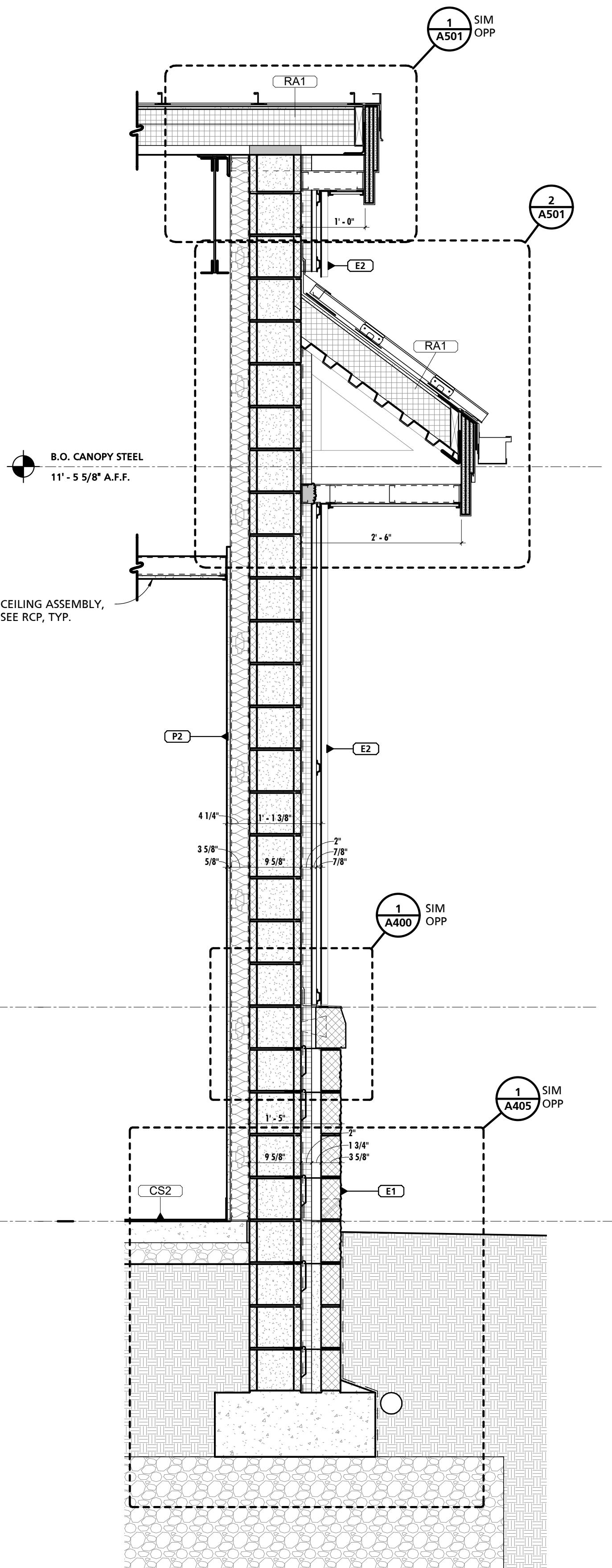
1 TYPICAL BANDING FLASHING DETAIL
1 1/2" = 1'-0"



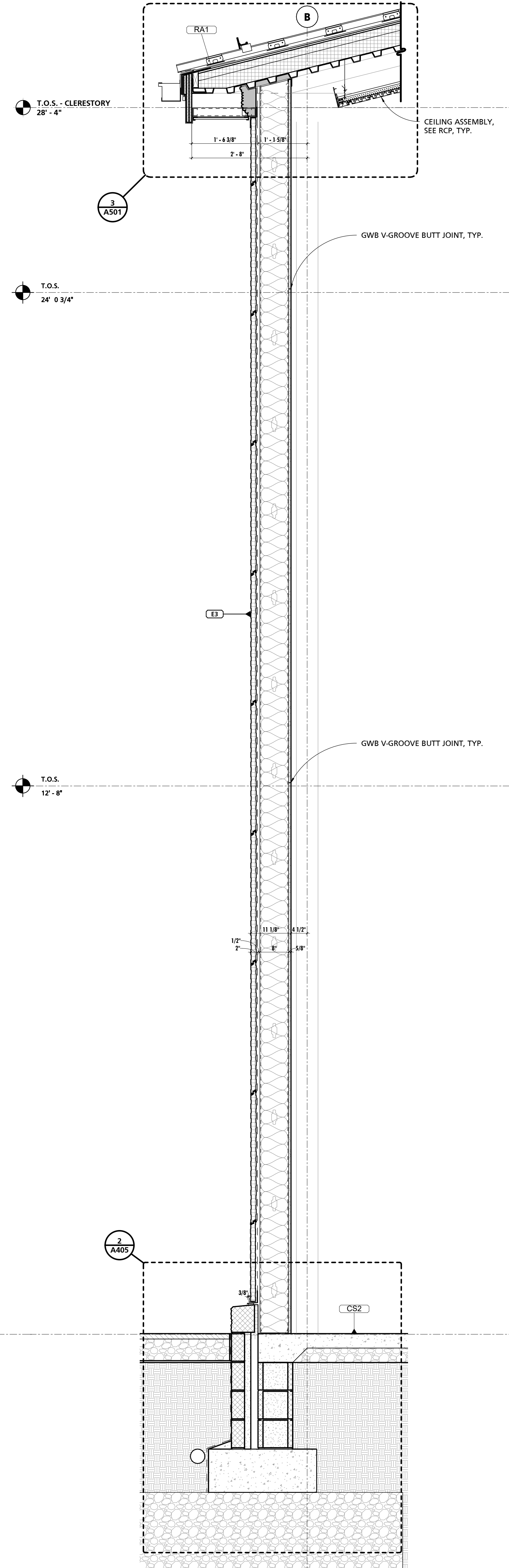
2 GROUND FACE BANDING - PROFILE A
3" = 1'-0"
NOTE: ALL OUTSIDE CORNERS TO BE CONSTRUCTED OUT OF PREFABRICATED OUTSIDE CORNER UNITS. FIELD MITERED UNITS ARE UNACCEPTABLE.



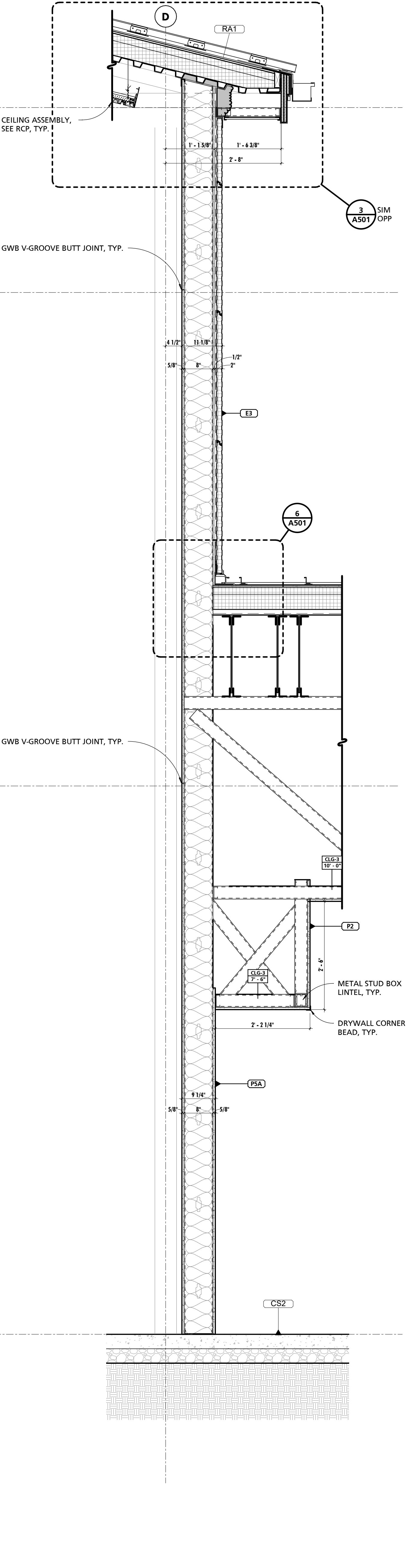
3 TYPICAL WALL SECTION
3/4" = 1'-0"



4 TYPICAL WALL SECTION
3/4" = 1'-0"



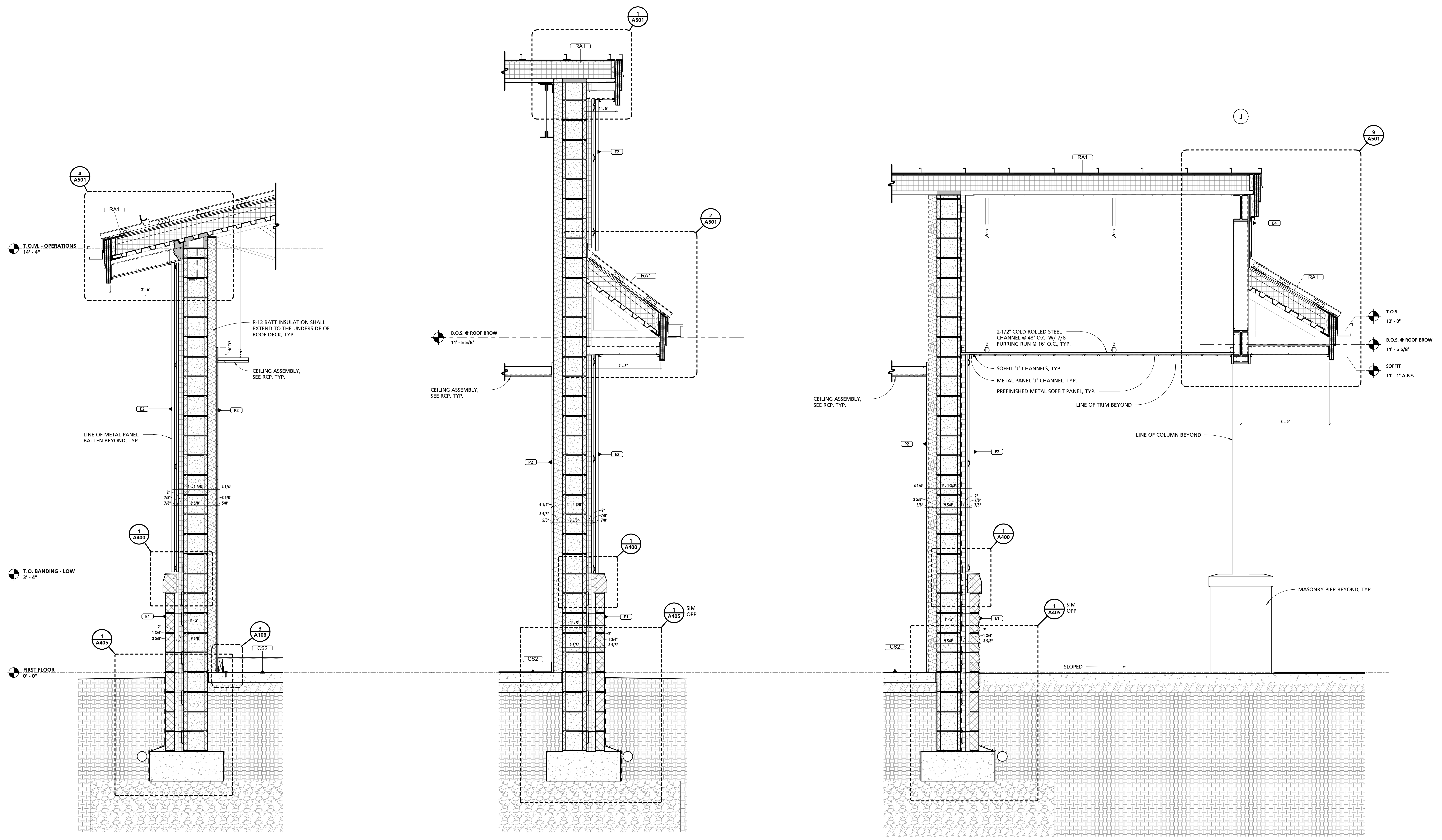
5 TYPICAL WALL SECTION
3/4" = 1'-0"



6 TYPICAL WALL SECTION
3/4" = 1'-0"

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① TYPICAL WALL SECTION
3/4" = 1'-0"

② TYPICAL WALL SECTION
3/4" = 1'-0"

③ TYPICAL WALL SECTION
3/4" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

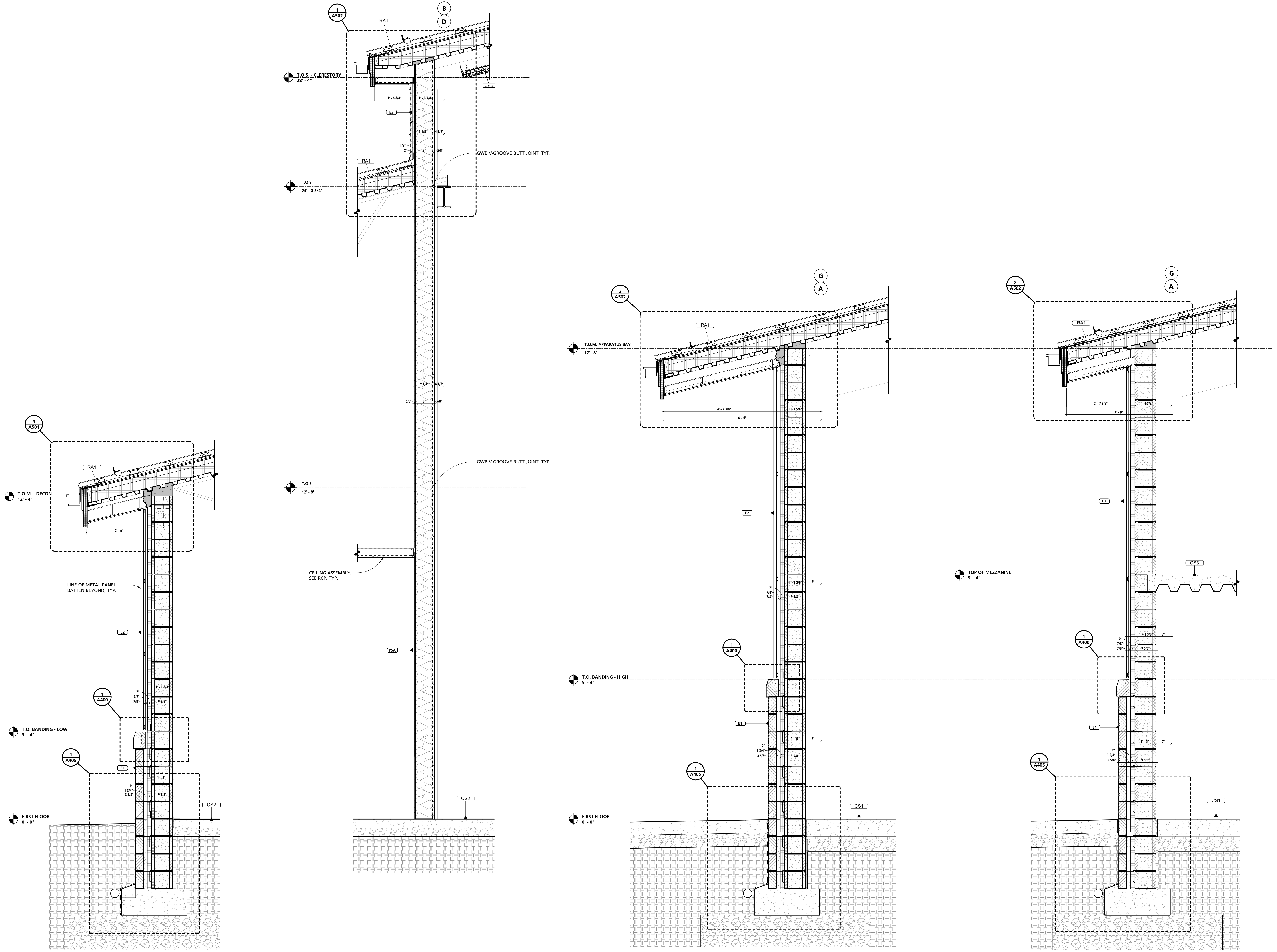
PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023
DRAWING TITLE:
WALL SECTIONS
SHEET NUMBER:
A401

11/29/2023 11:42:15 AM

SEAL:

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #64625311 EXPIRATION DATE: 6/30/2023

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1 TYPICAL WALL SECTION
3/4" = 1'-0"

2 TYPICAL WALL SECTION
3/4" = 1'-0"

3 TYPICAL WALL SECTION
3/4" = 1'-0"

4 TYPICAL WALL SECTION
3/4" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER: 18-036
PROJECT SET: BID SET
DATE ISSUED: 11/30/2023
DRAWING TITLE: WALL SECTIONS
SHEET NUMBER: A402

11/29/2023 11:42:17 AM

SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #6405311 EXPIRATION DATE: 6/30/2023

THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL, AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDENDUM 1.4. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, DRAWINGS, & SPECIFICATIONS, ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

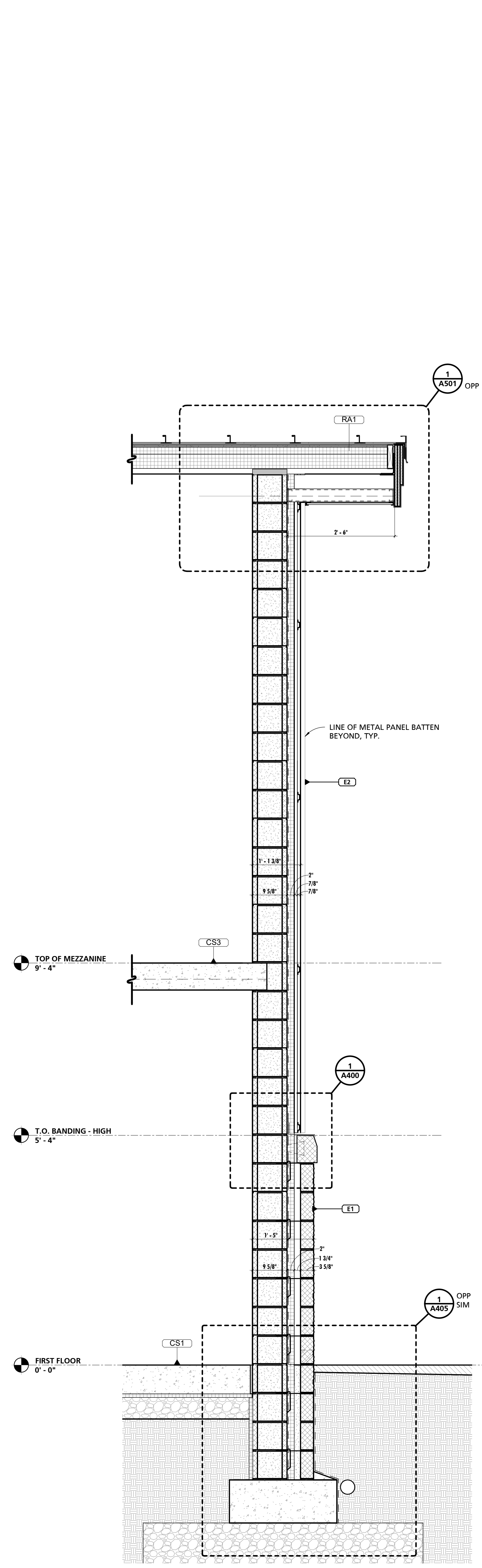
NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

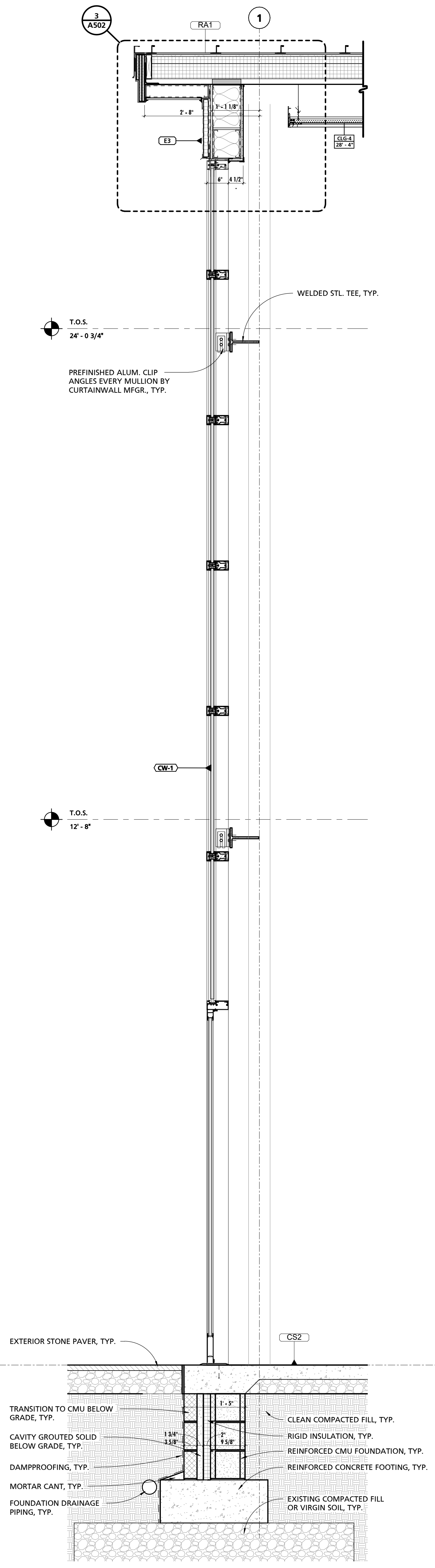
DRAWING TITLE:
WALL SECTIONS

SHEET NUMBER:
A403

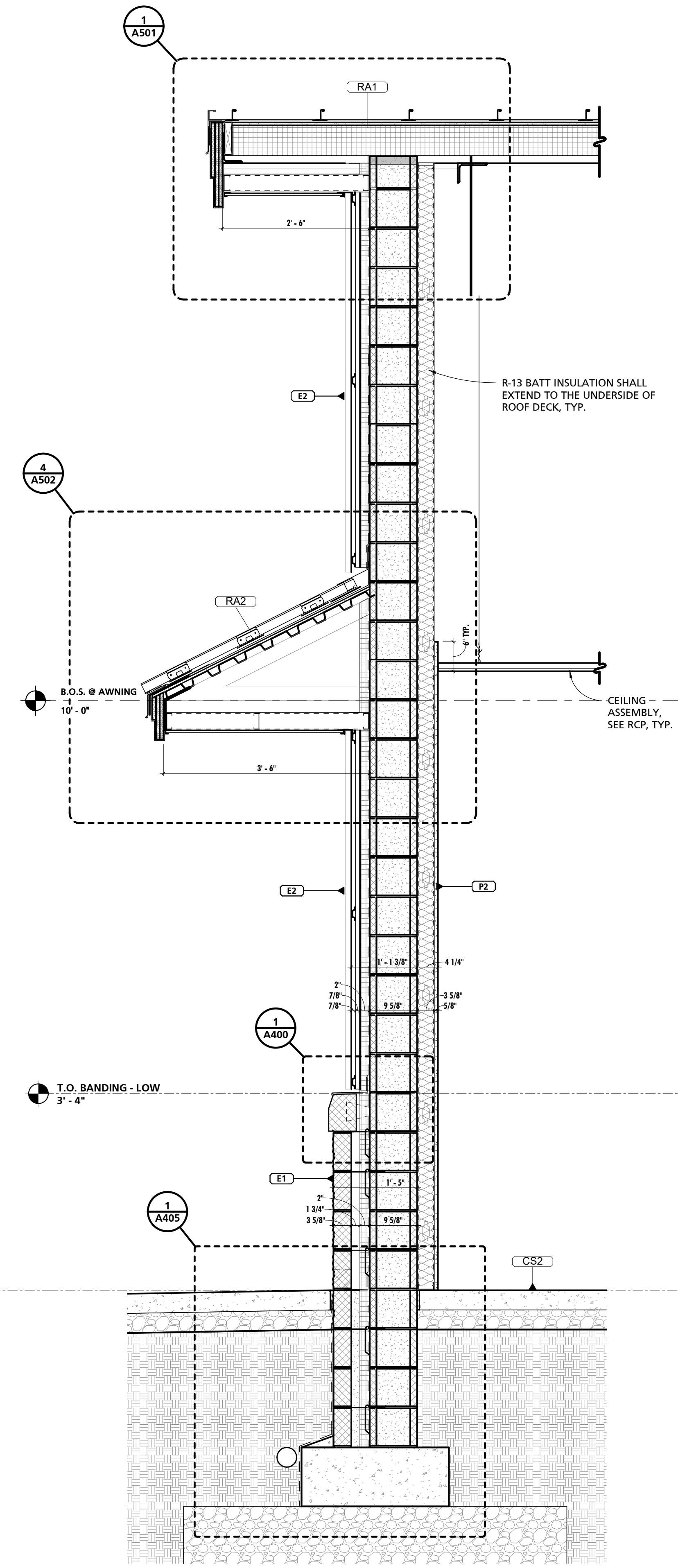
11/29/2023 11:42:21 AM



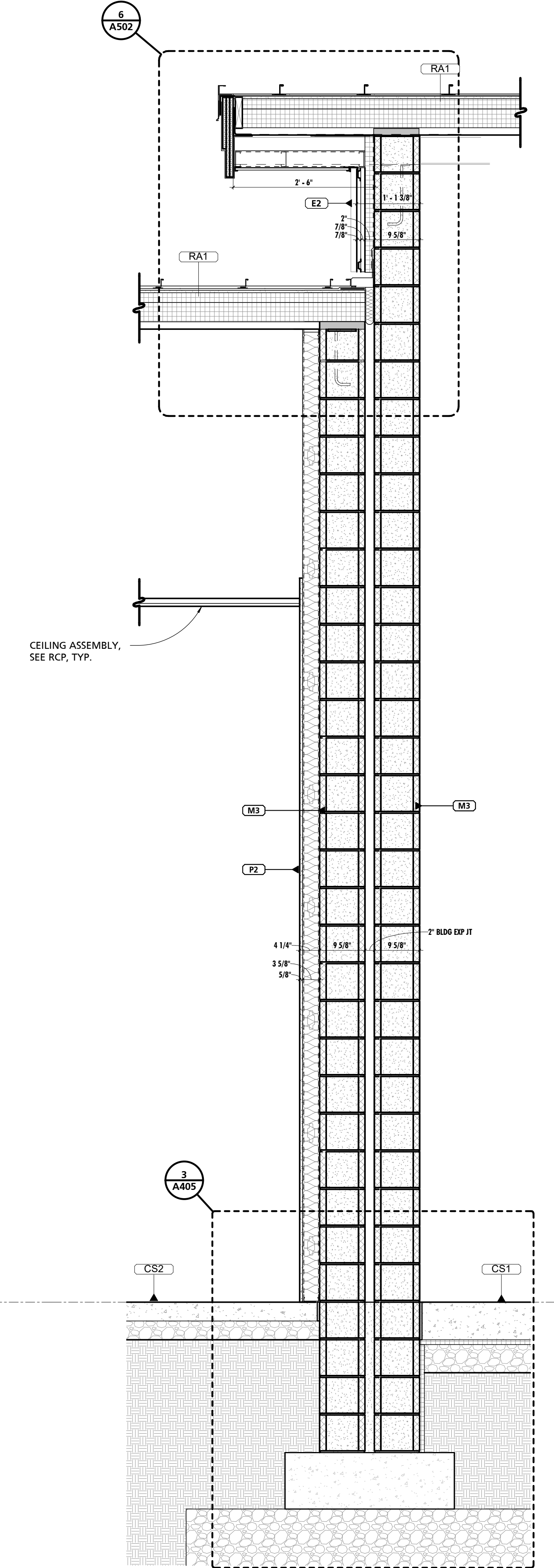
1 TYPICAL WALL SECTION
3/4" = 1'-0"



2 TYPICAL WALL SECTION
3/4" = 1'-0"



3 TYPICAL WALL SECTION
3/4" = 1'-0"



4 TYPICAL WALL SECTION
3/4" = 1'-0"

SEAL:
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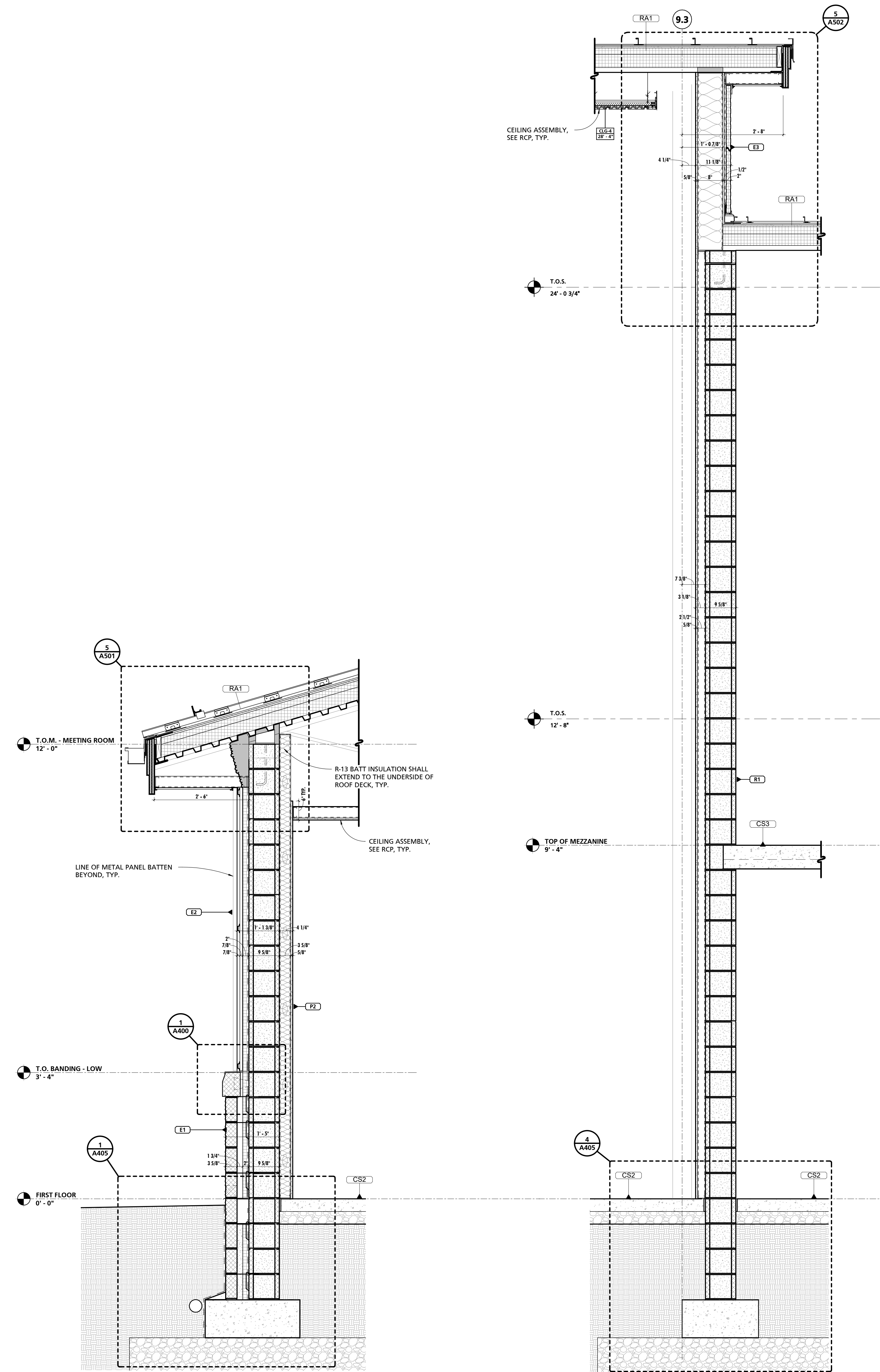
CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

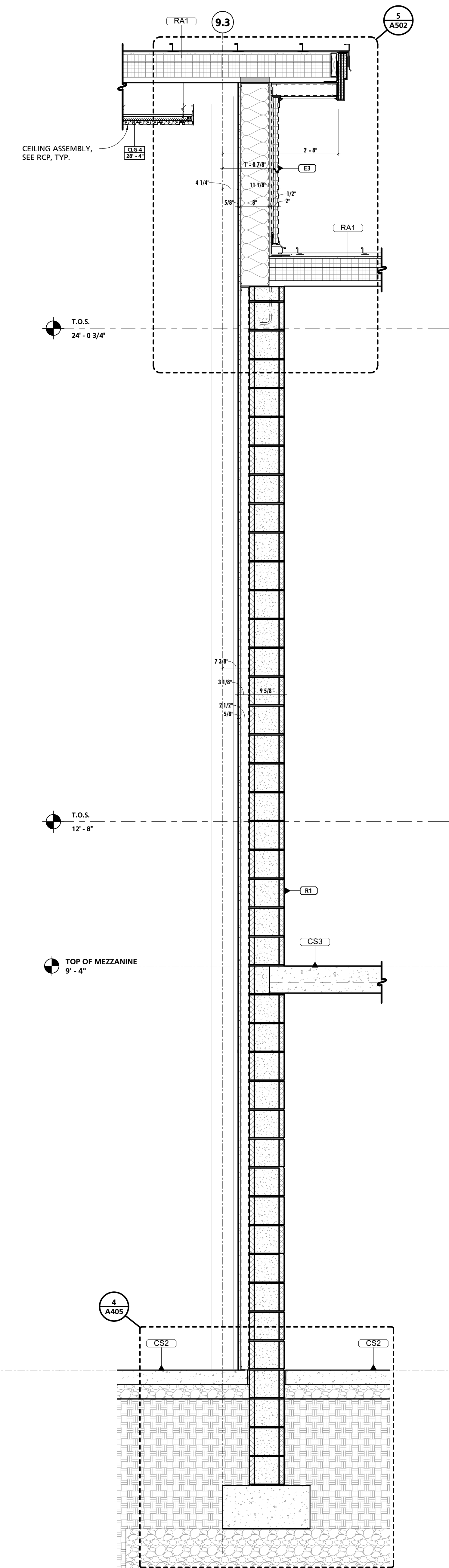
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18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
WALL SECTIONS

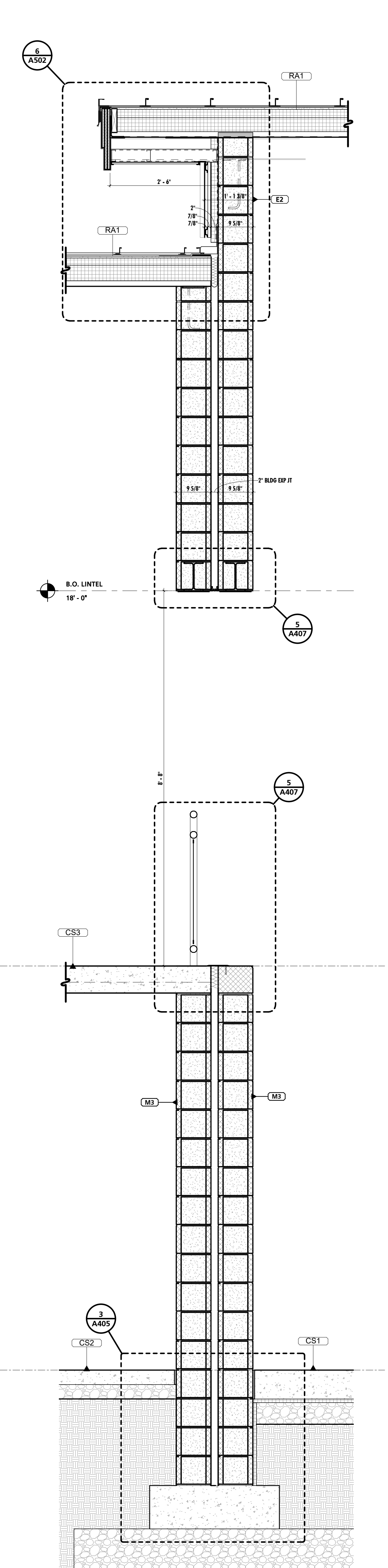
SHEET NUMBER:
A404



1 TYPICAL WALL SECTION
3/4" = 1'-0"



2 TYPICAL WALL SECTION
3/4" = 1'-0"

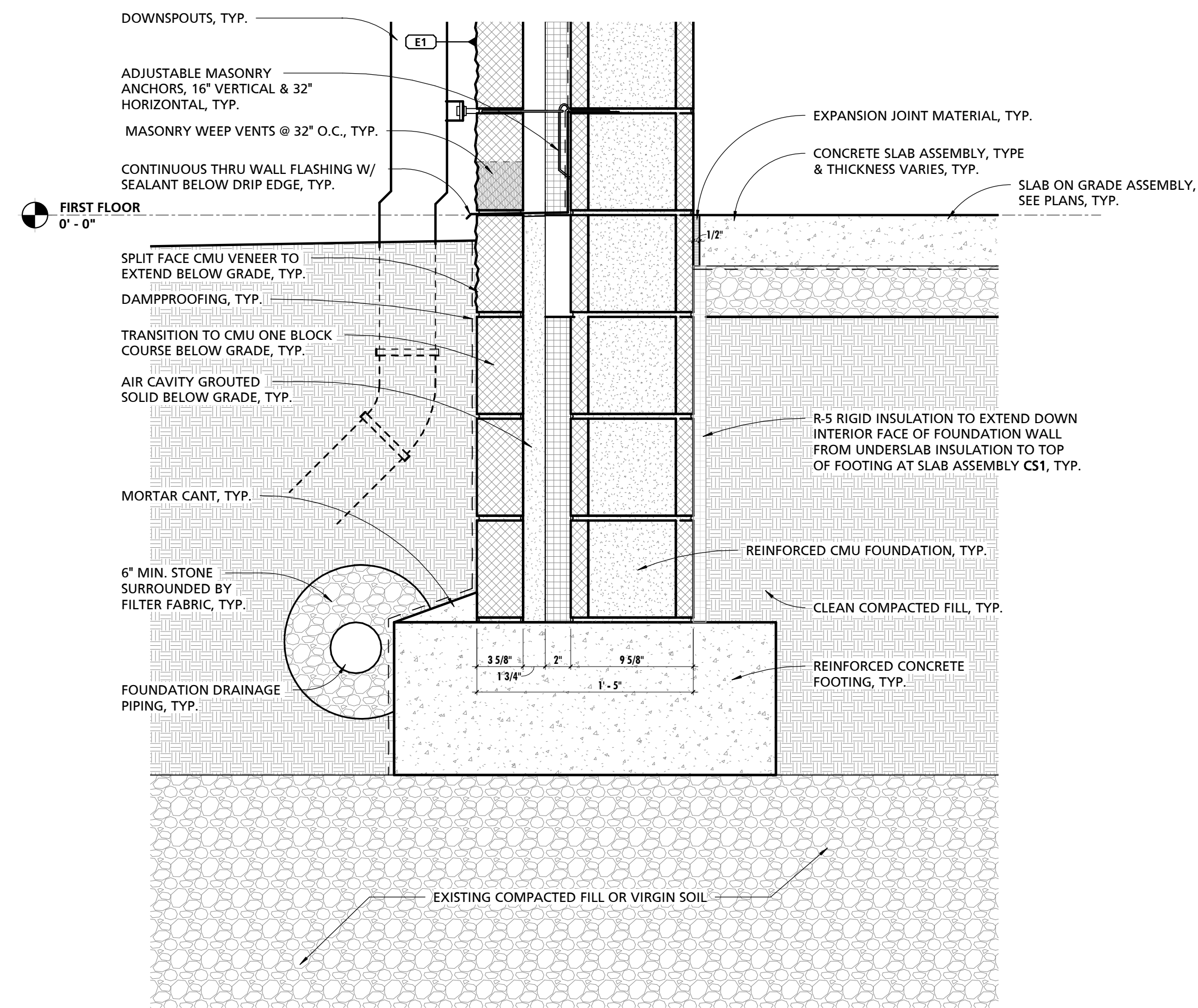


3 TYPICAL WALL SECTION DETAIL
3/4" = 1'-0"

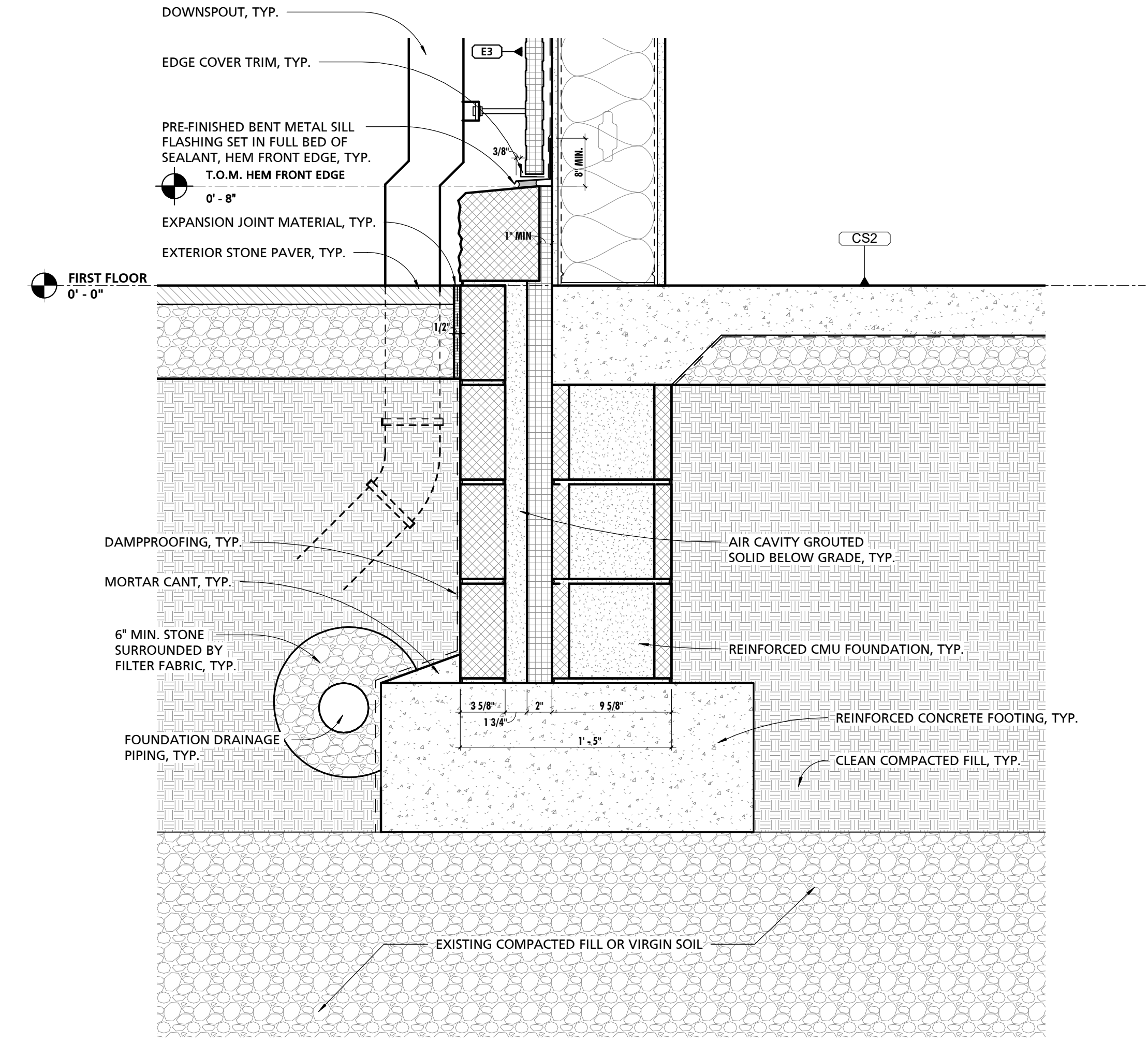
SEAL:

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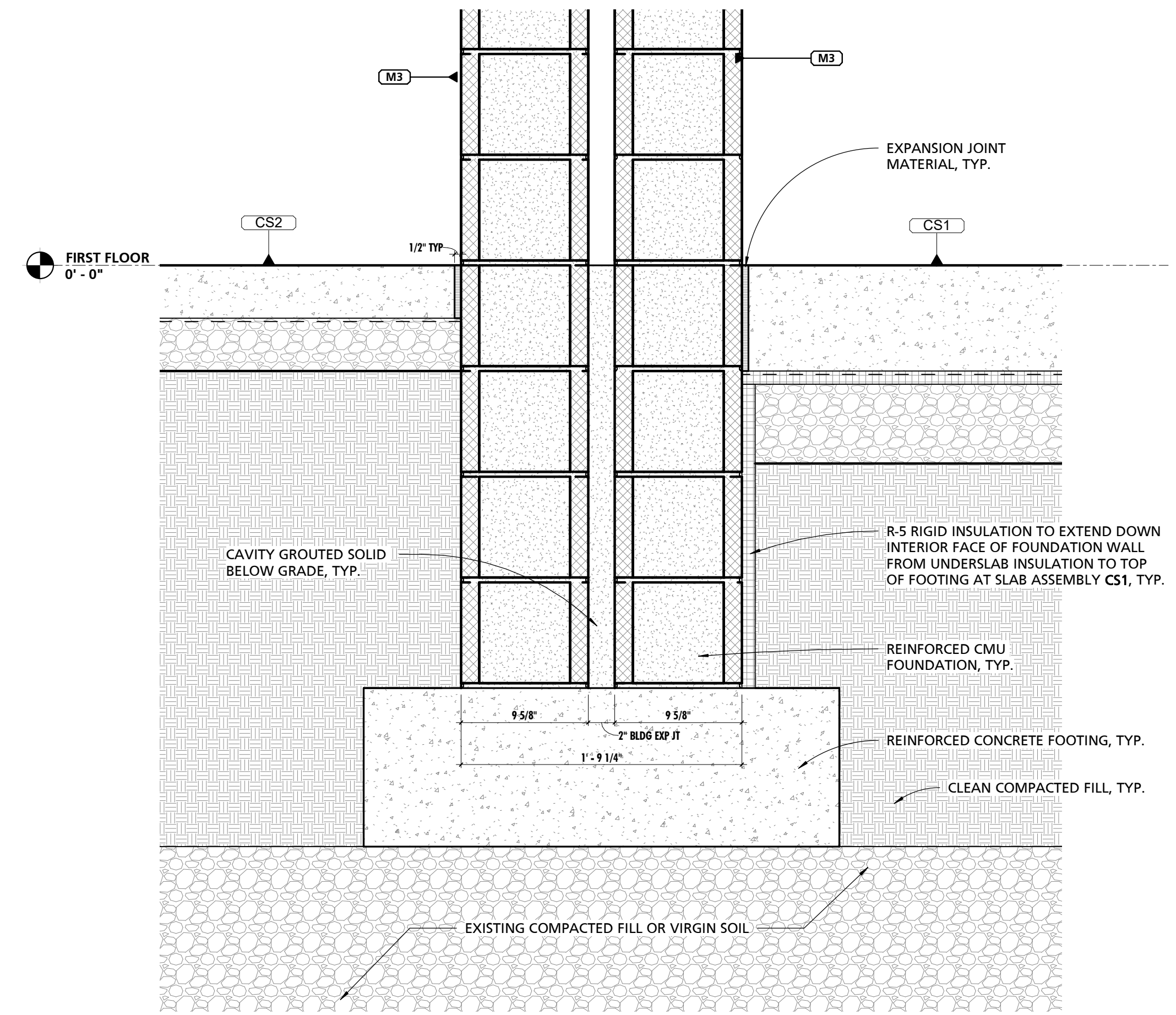
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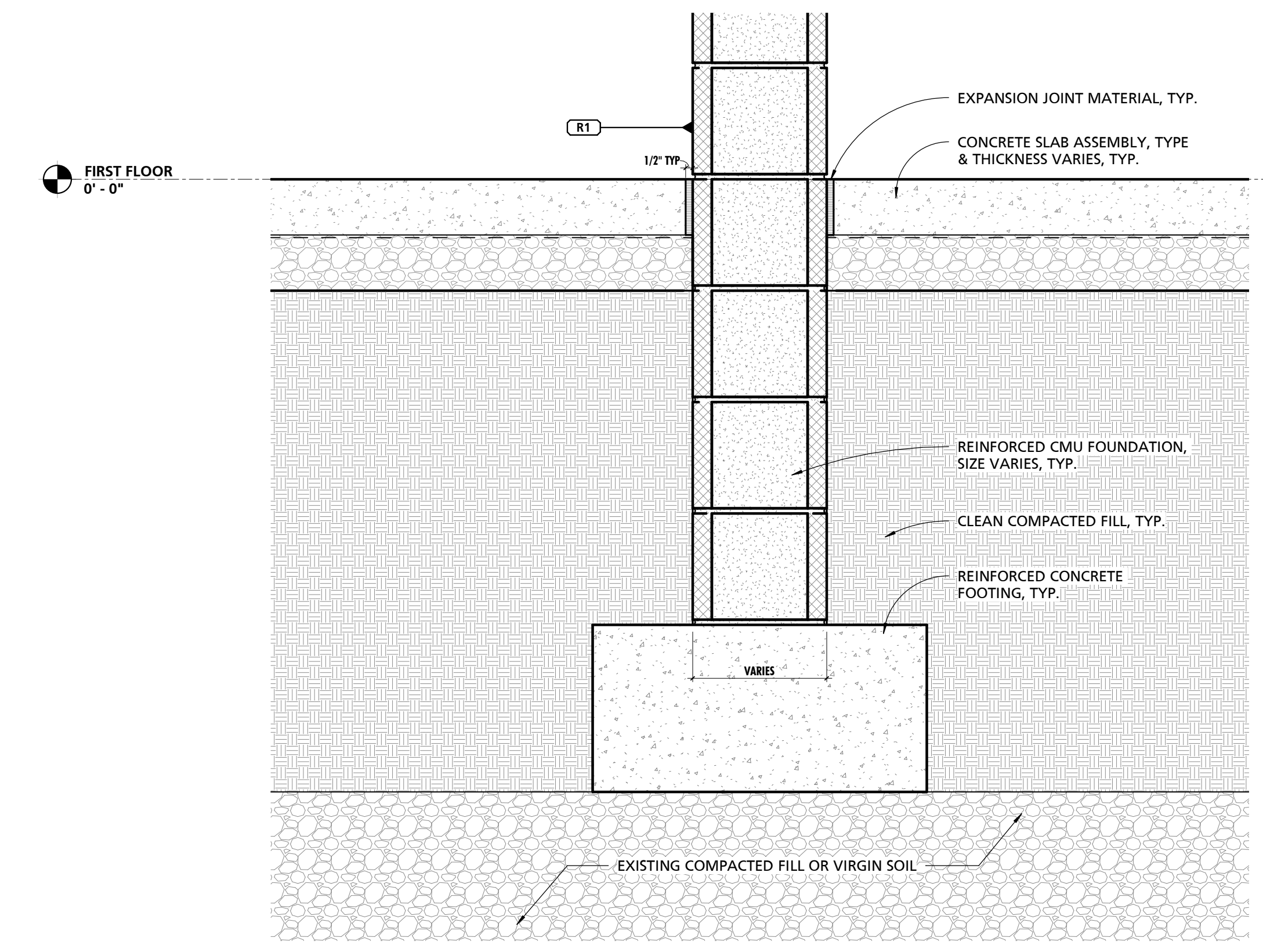
1 TYPICAL FOUNDATION DETAIL @ WALL TYPE E1
1 1/2" = 1'-0"



2 TYPICAL FOUNDATION DETAIL @ WALL TYPE E3
1 1/2" = 1'-0"



3 TYPICAL FOUNDATION DETAIL @ BUILDING EXPANSION JOINT
1 1/2" = 1'-0"



4 TYPICAL INTERIOR FOUNDATION DETAIL
1 1/2" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHANTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
TYPICAL FOUNDATION
DETAILS

SHEET NUMBER:
A405

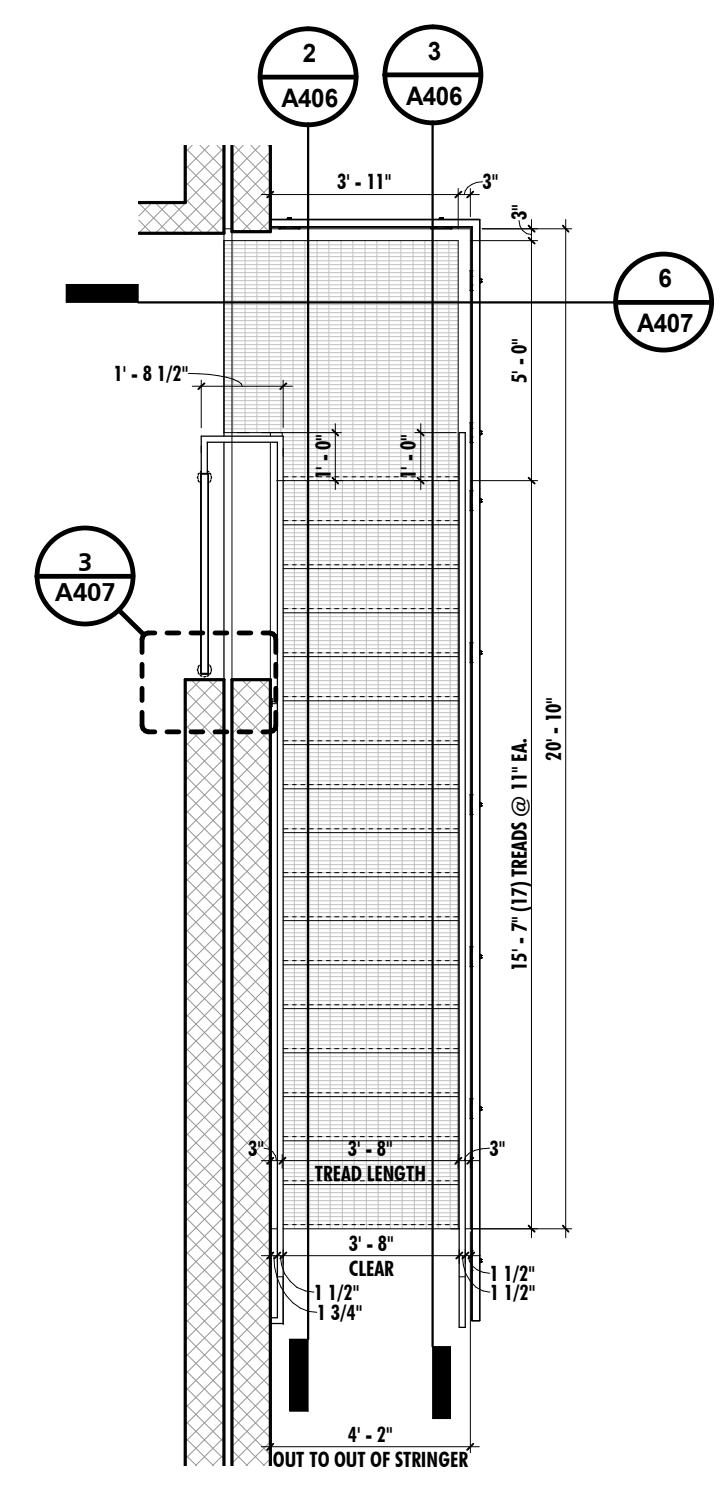
SEAL:

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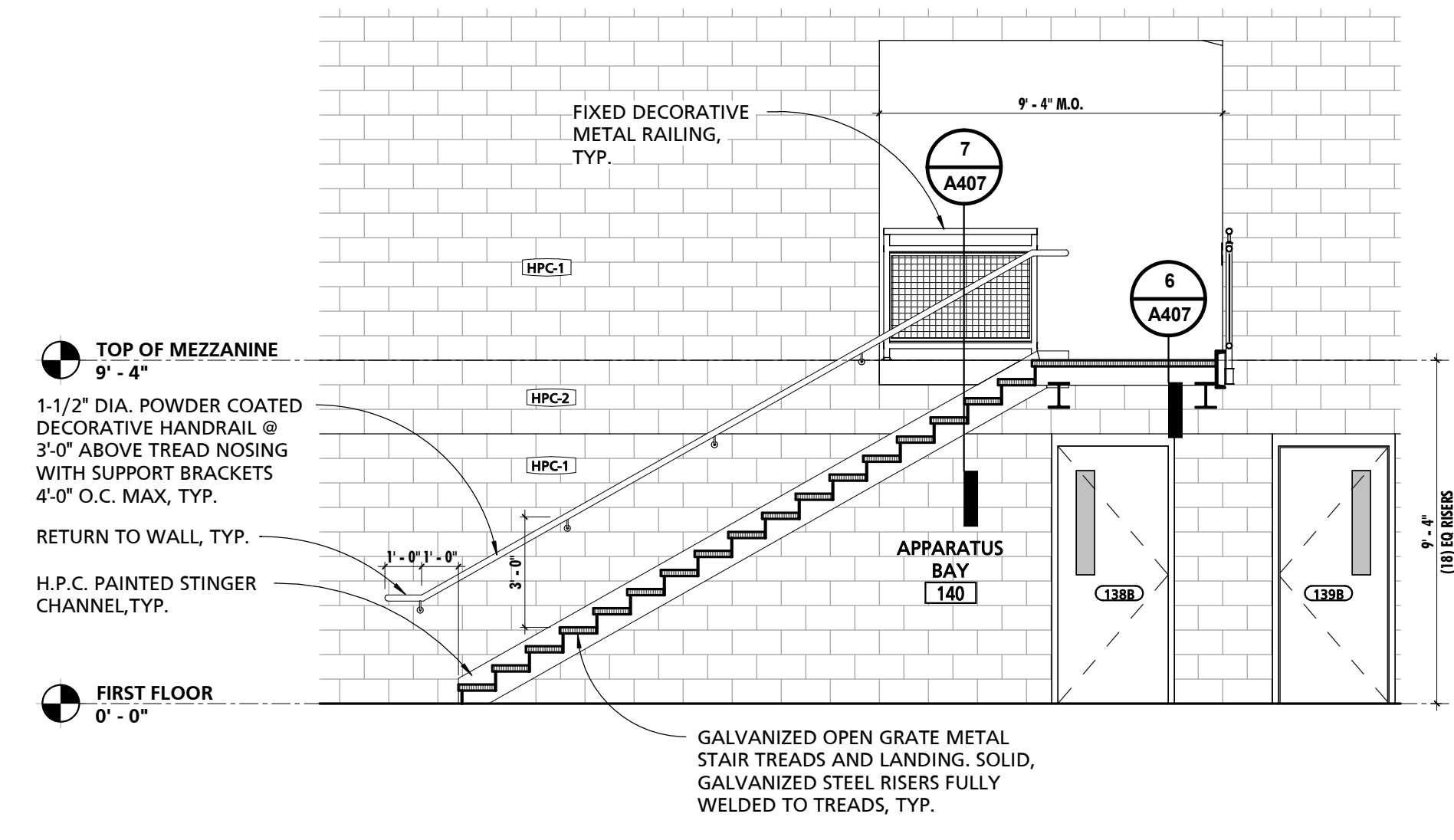
THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDENDUM 1A. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, DRAWINGS & SPECIFICATIONS, ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

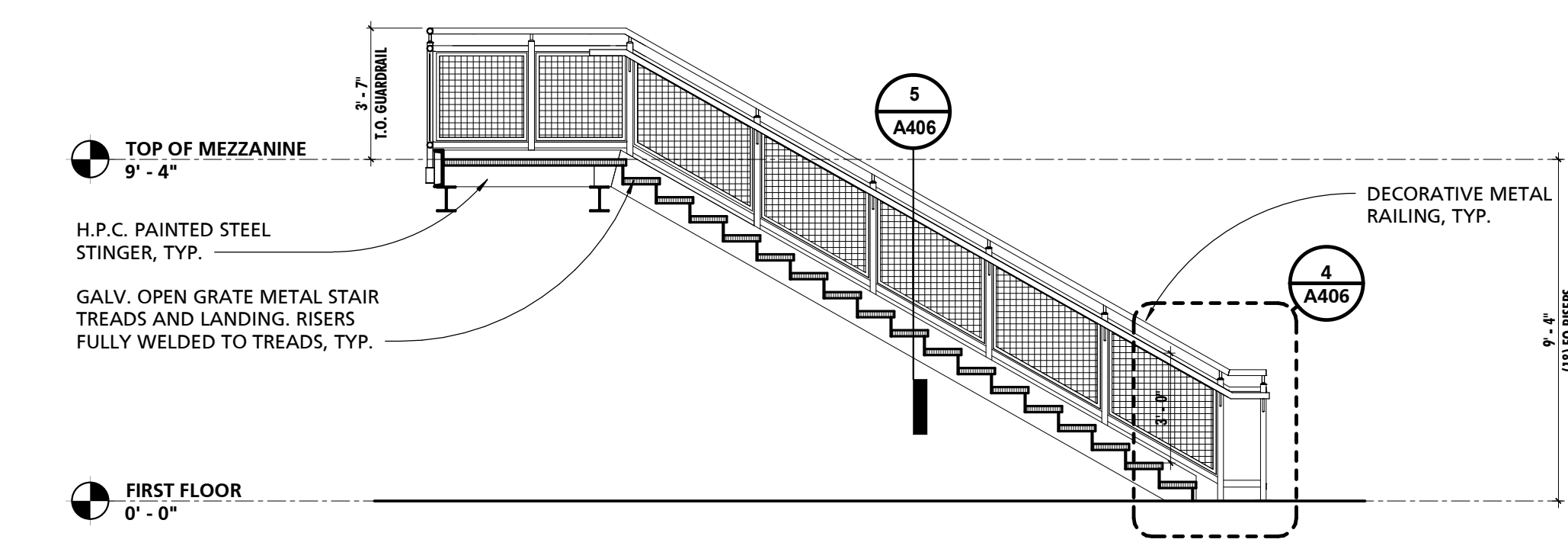
NO.	DESCRIPTION	DATE
PROJECT NUMBER: 18-036		
PROJECT SET: BID SET		
DATE ISSUED: 11/30/2023		
DRAWING TITLE: TYPICAL STAIR DETAILS		
SHEET NUMBER: A406		



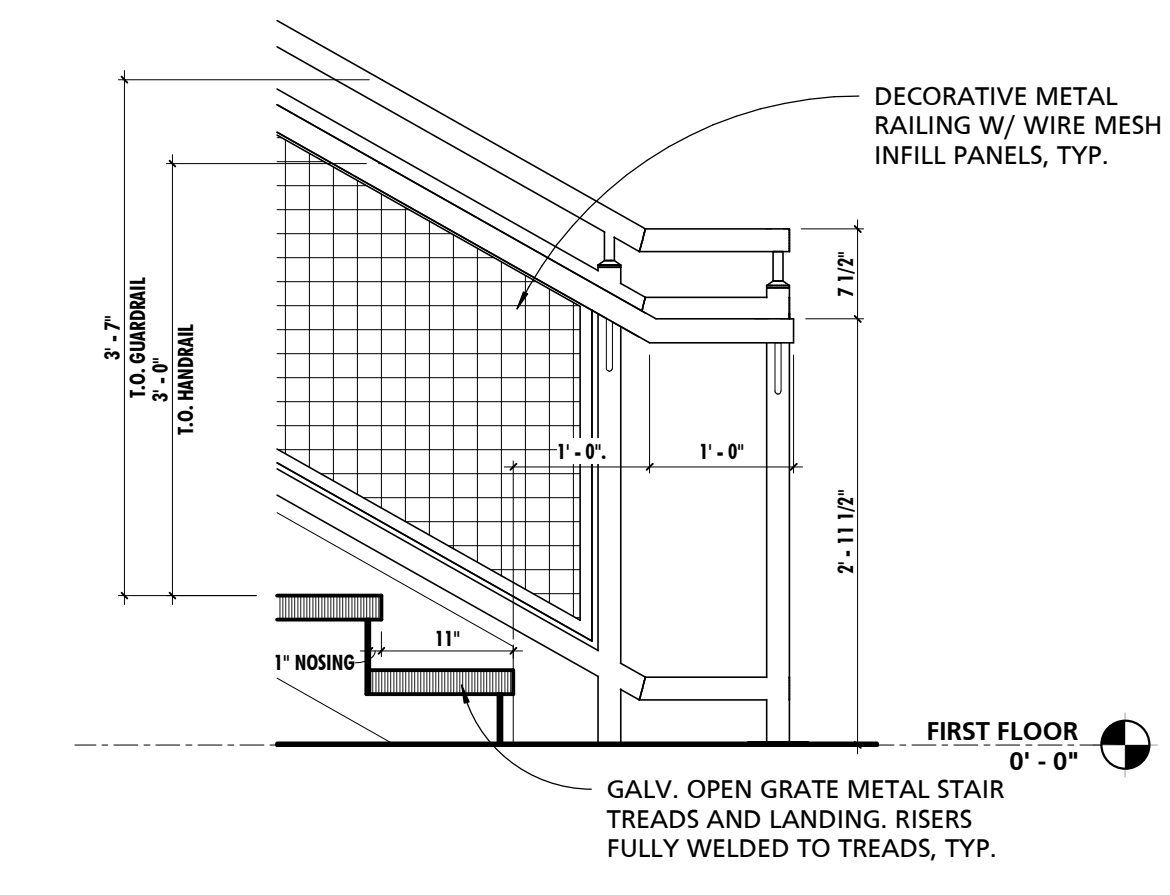
1 MEZZANINE STAIR PLAN
1/4" = 1'-0"



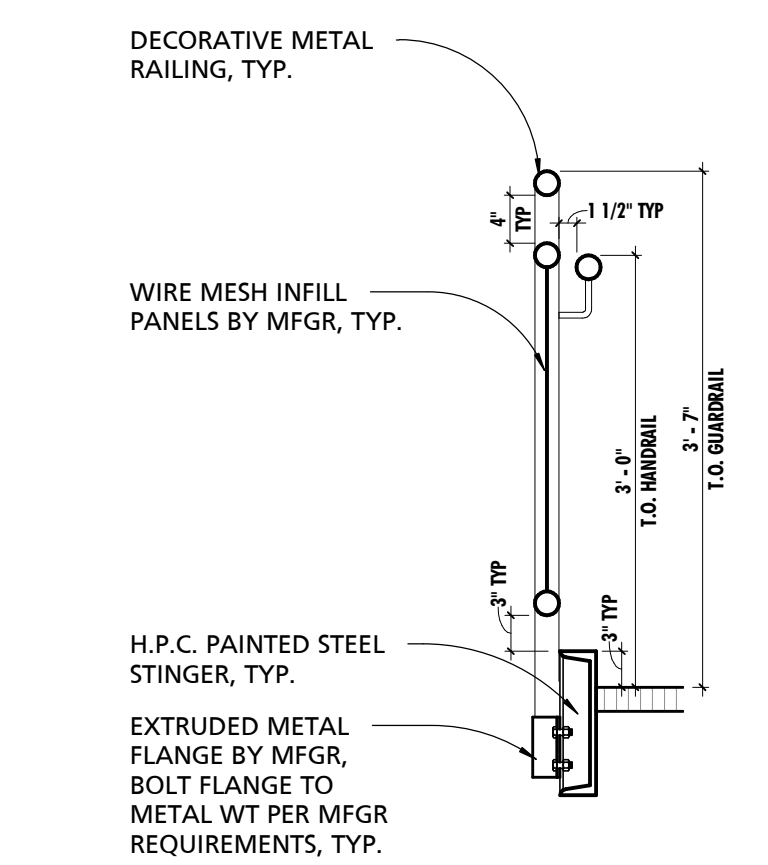
2 MEZZANINE STAIR SECTION
1/4" = 1'-0"



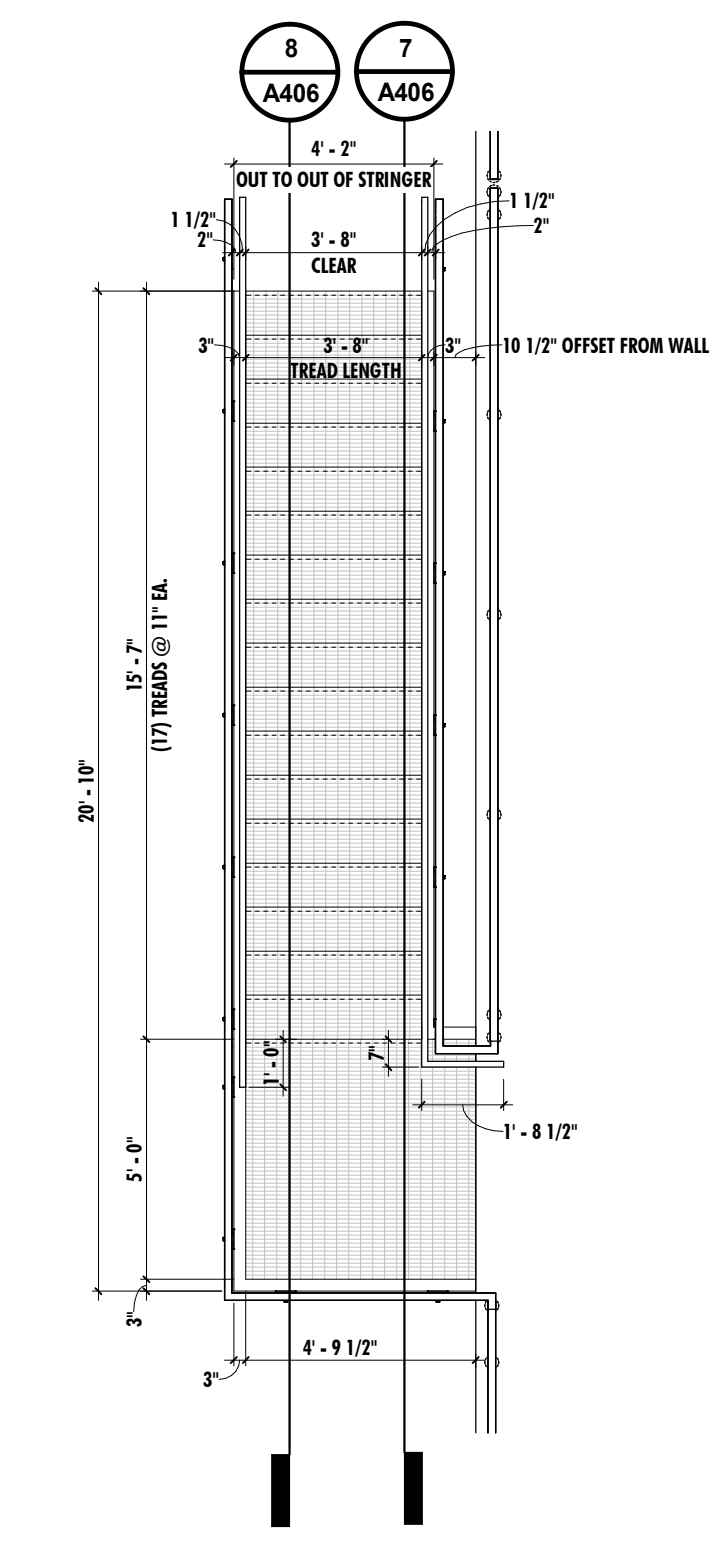
3 MEZZANINE STAIR SECTION
1/4" = 1'-0"



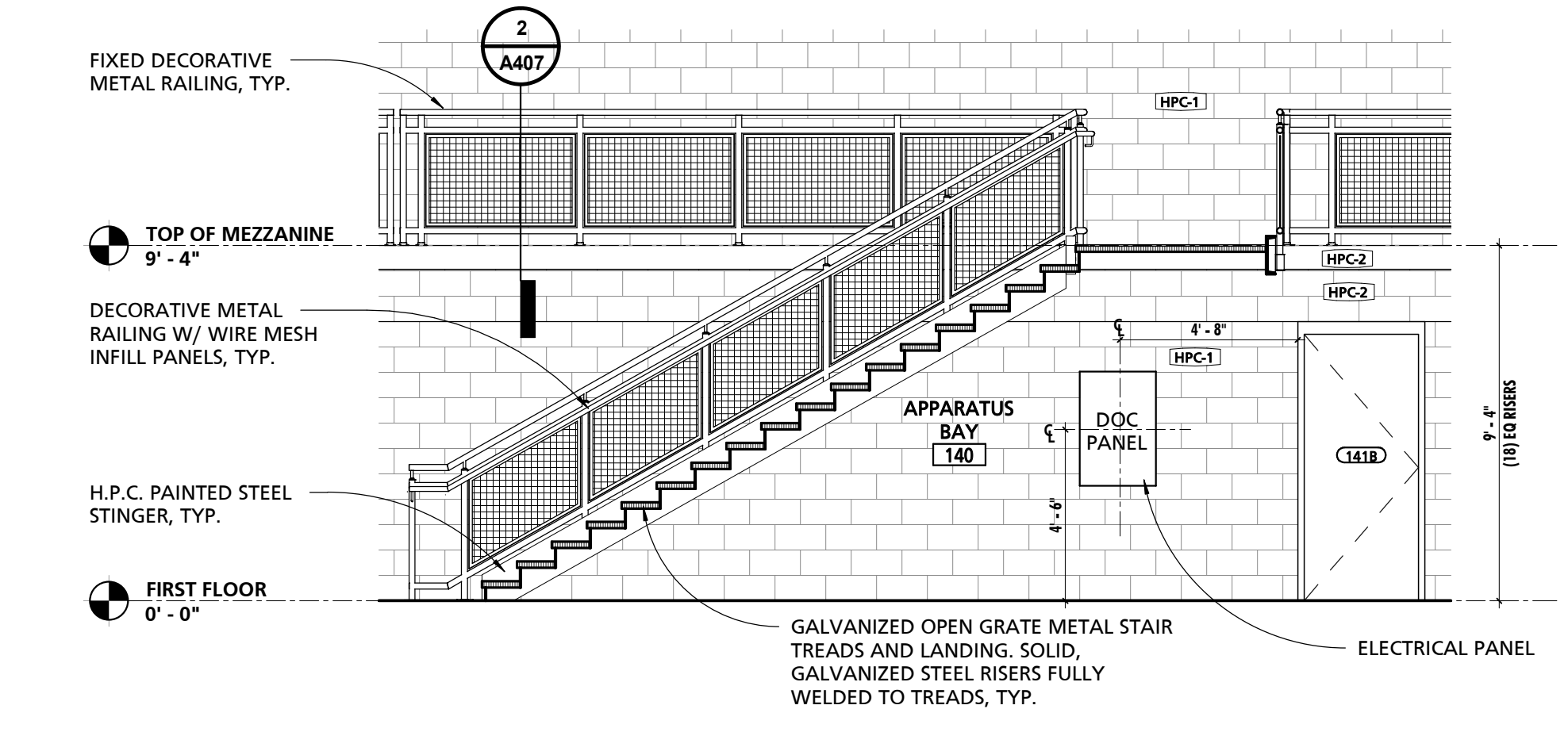
4 TYPICAL MEZZANINE STAIR DETAIL
3/4" = 1'-0"



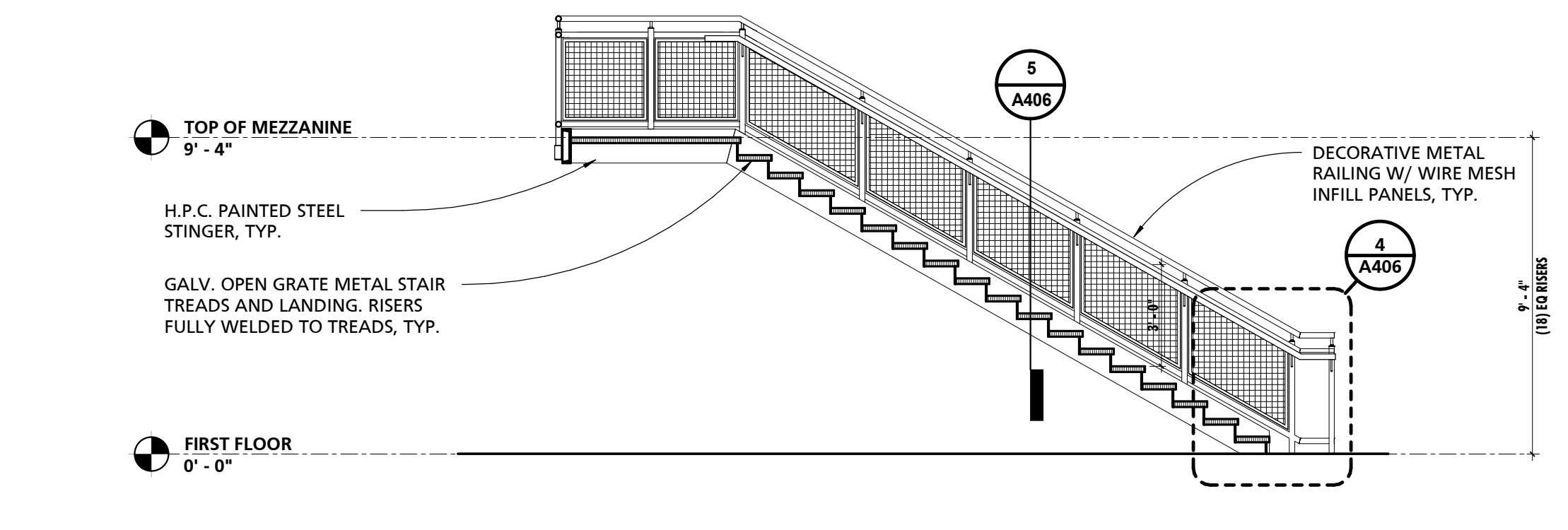
5 TYPICAL RAILING DETAIL
3/4" = 1'-0"



6 MEZZANINE STAIR PLAN
1/4" = 1'-0"



7 MEZZANINE STAIR SECTION
1/4" = 1'-0"



8 MEZZANINE STAIR SECTION
1/4" = 1'-0"



ARCHITECTURE + MASTER PLANNING

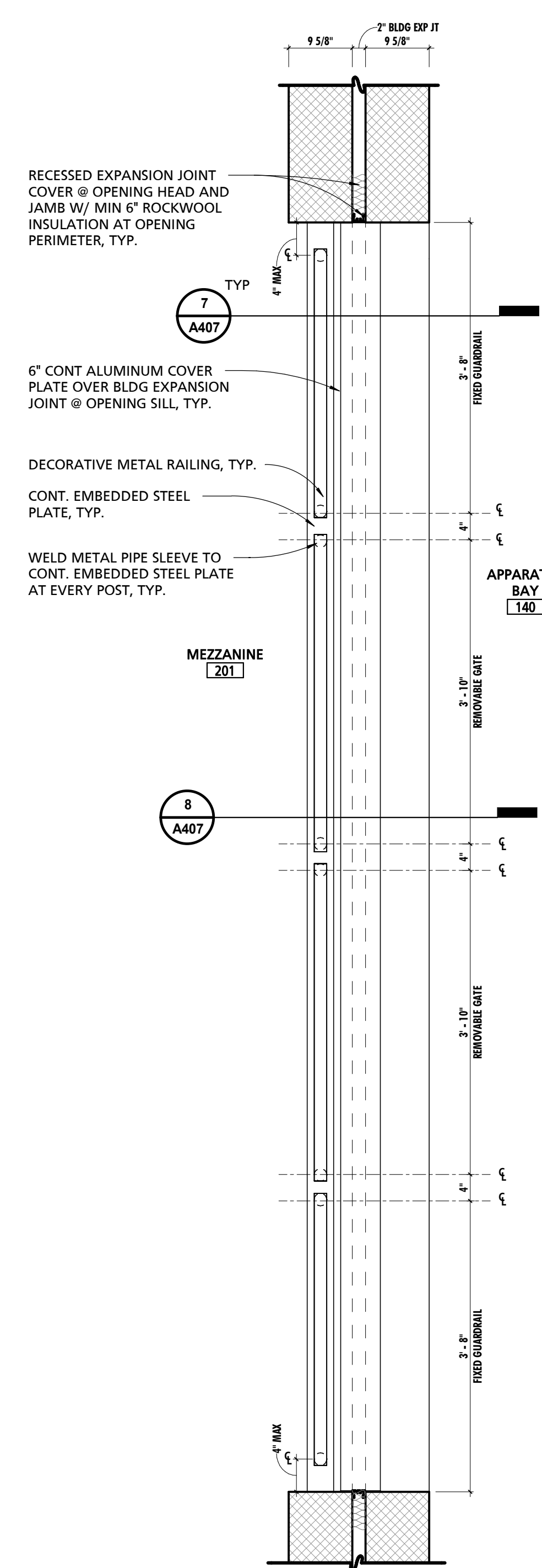
10839-D PHILADELPHIA RD
WHITE MARSH, MD 21162

(P) 410-344-1460
(F) 443-423-2460
(E) INFO@MWSARCH.COM
WWW.MWSARCH.COM

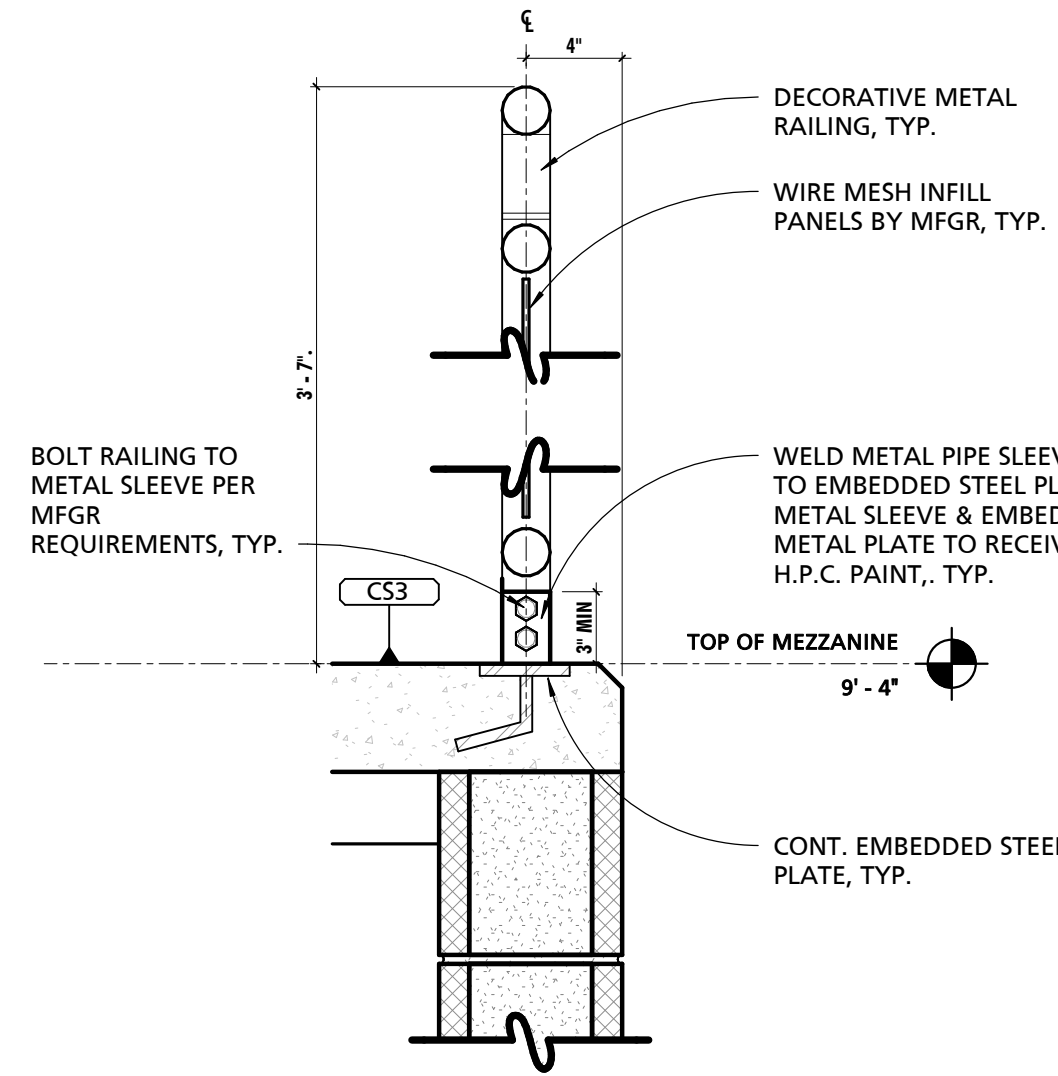
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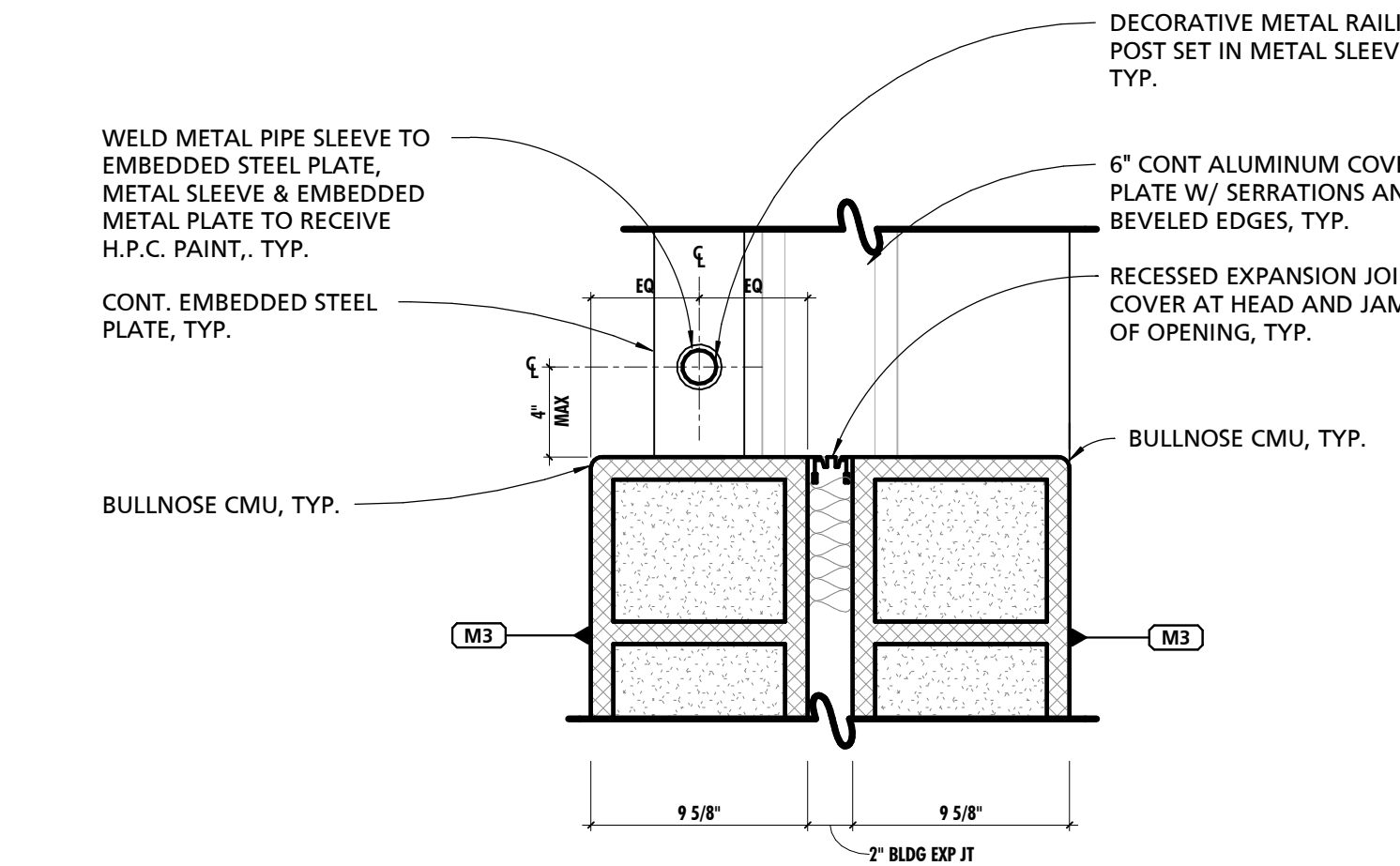
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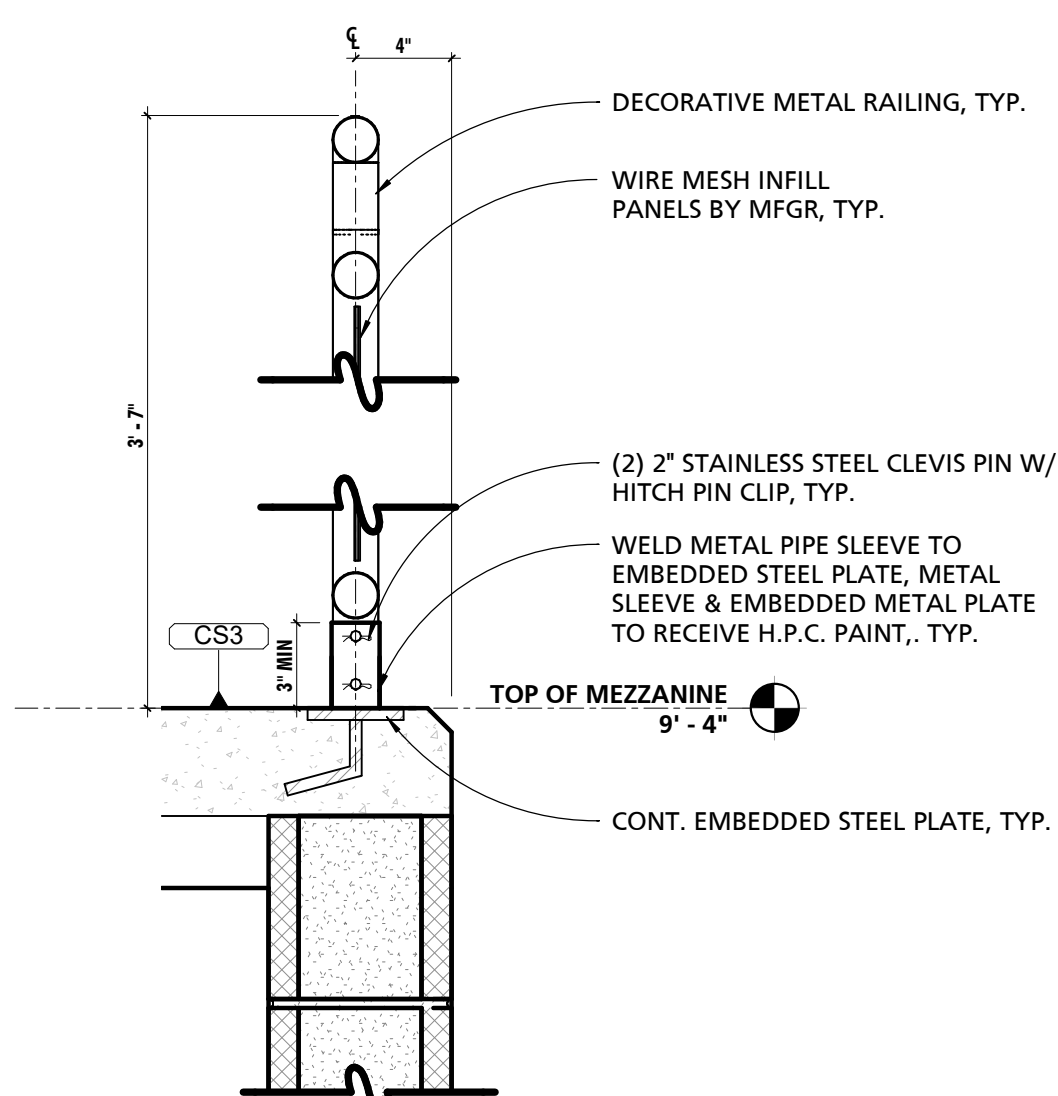
1 3/4" = 1'-0"



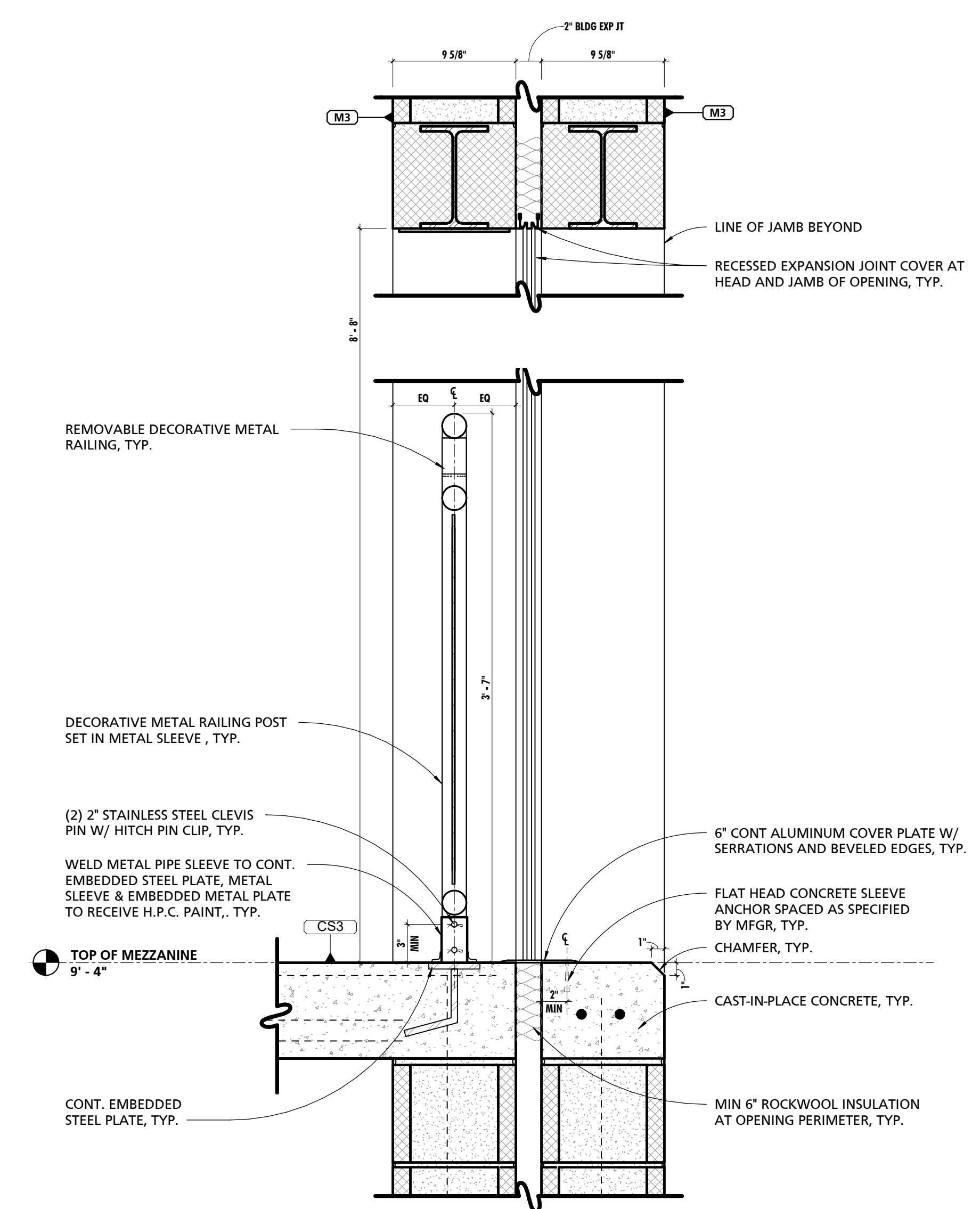
2 1 1/2" = 1'-0"



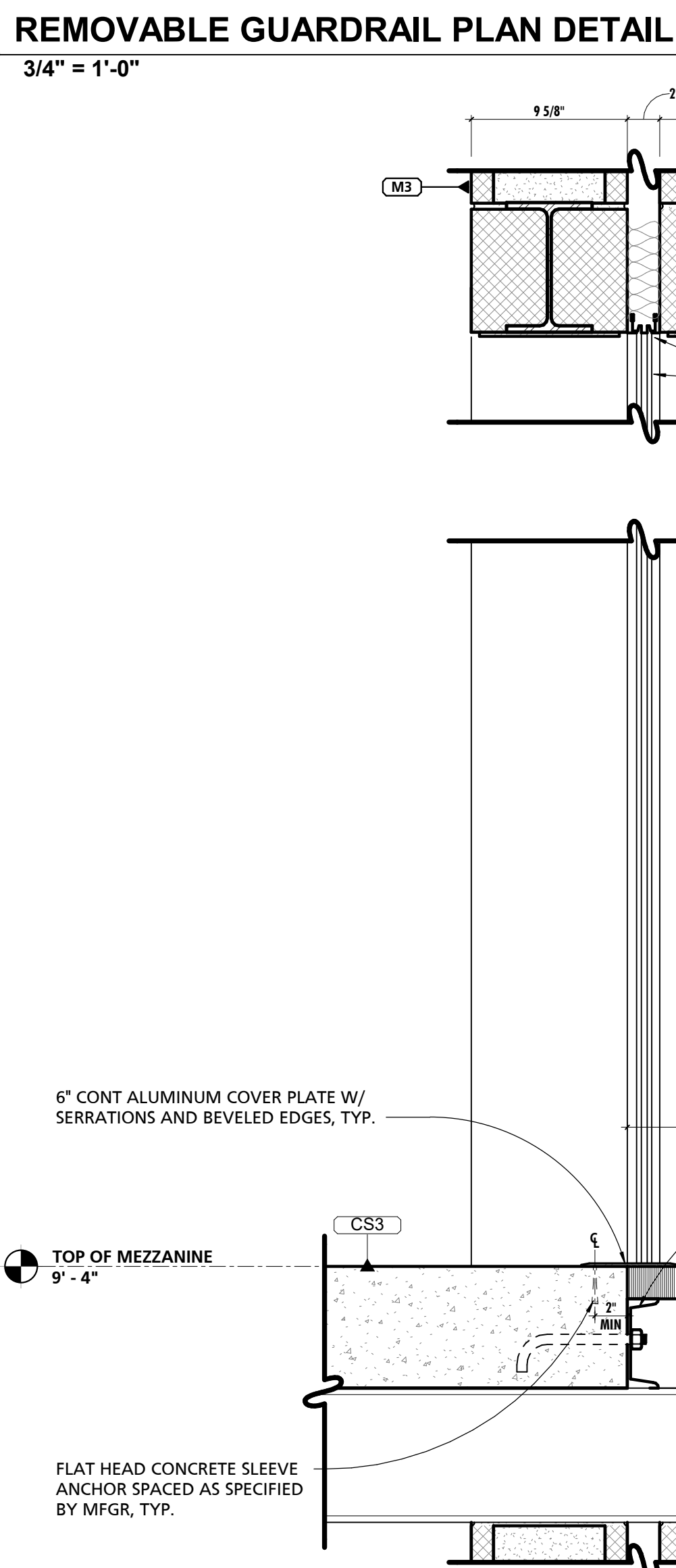
3 1 1/2" = 1'-0"



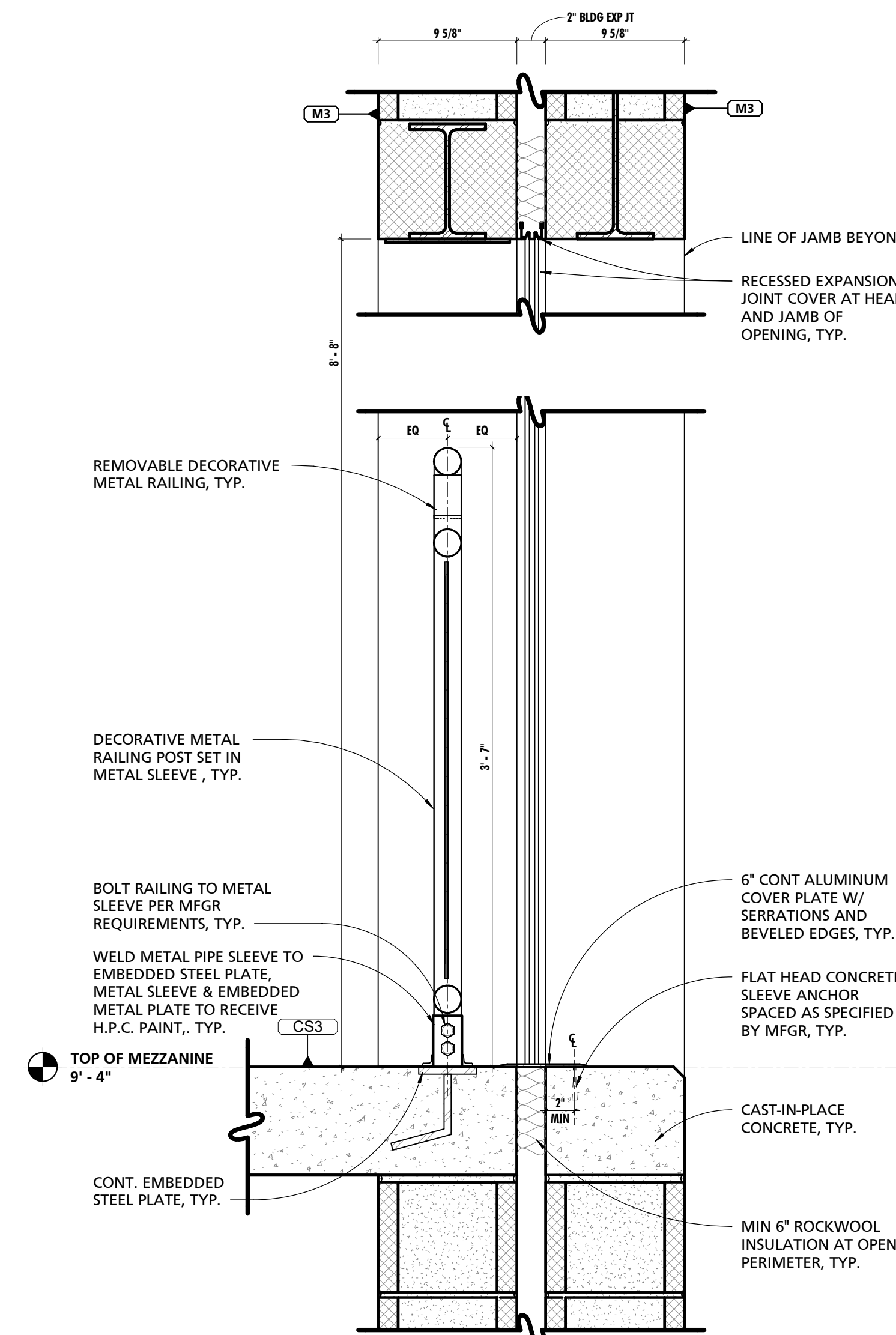
4 1 1/2" = 1'-0"



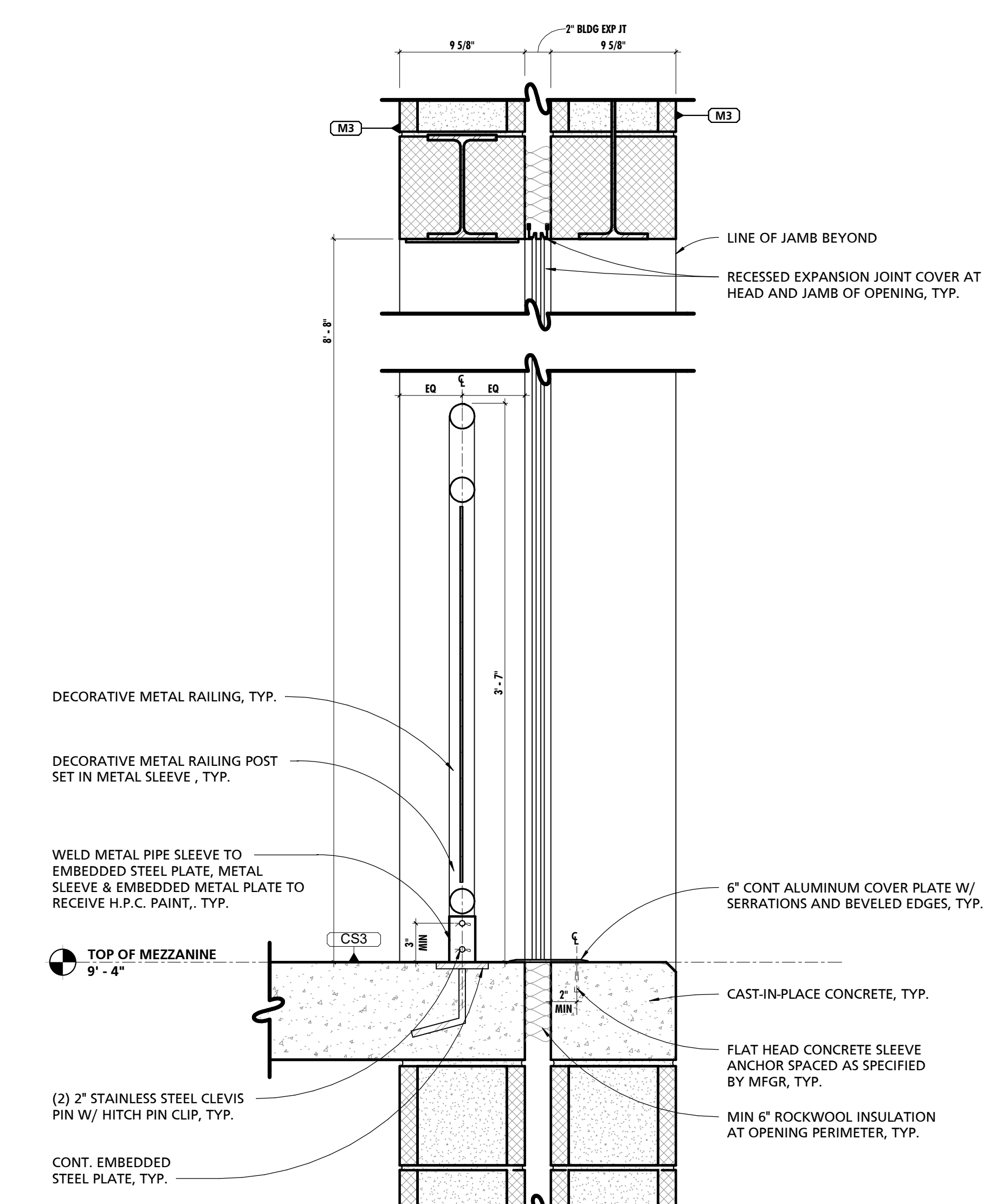
5 1 1/2" = 1'-0"



6 1 1/2" = 1'-0"



7 1 1/2" = 1'-0"



8 1 1/2" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

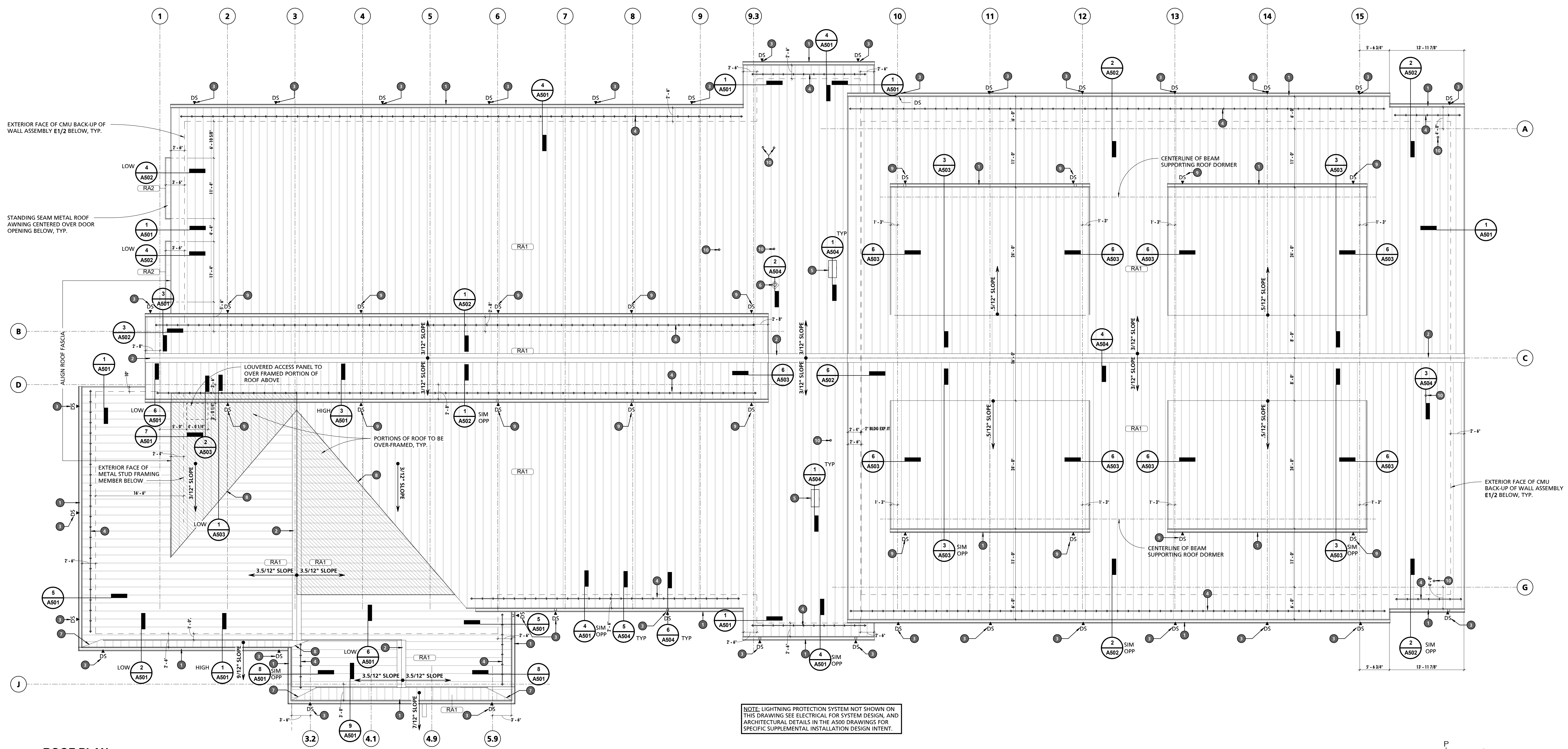
PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
TYPICAL GUARDRAIL
DETAILS

SHEET NUMBER:
A407

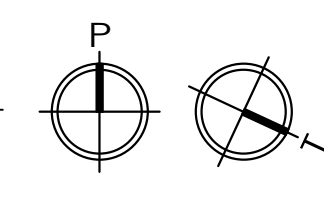
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NOTE: LIGHTNING PROTECTION SYSTEM NOT SHOWN ON THIS DRAWING SEE ELECTRICAL FOR SYSTEM DESIGN, AND ARCHITECTURAL DETAILS IN THE A500 DRAWINGS FOR SPECIFIC SUPPLEMENTAL INSTALLATION DESIGN INTENT.

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



GENERAL ROOFING NOTES	
NOTE #	NOTE
1	BLOCKING/MISCELLANEOUS FRAMING INDICATED WITHIN THE DOCUMENTS IS SHOWN FOR THE PURPOSES OF DESIGN INTENT. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY, WHETHER SHOWN OR NOT SHOWN, TO PROVIDE BLOCKING/MISCELLANEOUS FRAMING AS REQUIRED TO PROPERLY SUPPORT ALL SUBSTRATES, FLASHINGS, COPINGS, BRAKE METAL, SOFFITS, INSULATIONS, CLIPS, STOPS, MISCELLANEOUS ITEMS, ROOFING MEMBRANES OR SYSTEMS AND SIMILAR ITEMS REQUIRED TO COMPLETE THE WORK. WHERE ADDITIONAL BLOCKING/MISCELLANEOUS FRAMING, INCLUDING BUT NOT LIMITED TO THE REPLACEMENT OF INDICATED SHEATHING/DECKING, IS RECOMMENDED BY ONE OF THE ASSEMBLY COMPONENTS MANUFACTURER, THE CONTRACTOR SHALL PROVIDE AND INSTALL SUCH BLOCKING/MISCELLANEOUS FRAMING TO COMPLY WITH THE MANUFACTURER'S RECOMMENDATIONS.
2	CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING FINAL ROOFING SUBSTRATE REQUIREMENTS TO ENSURE SUCCESSFUL INSTALLATION OF ROOFING MATERIALS IN A MANNER THAT MAINTAINS THE FULL PRODUCT WARRANTY AND COMPLIES WITH ALL APPLICABLE BUILDING CODES OF THE AHJ.

REFERENCED NOTES - ROOF PLANS	
NO.	NOTE
1	6"x6" PREFINISHED ALUMINUM GUTTER
2	STANDING SEAM RIDGE CAP
3	4" x 5" ALUMINUM DOWNSPOUT CONNECTED TO ROOF
4	PREFINISHED SNOW RETENTION SYSTEM BY METAL ROOF MFGR
5	GOOSENECK DUCT EXHAUST
6	FLUE STACK
7	STANDING SEAM HIP CAP FLASHING
8	STANDING SEAM VALLEY FLASHING
9	SPLASH PAN FABRICATED FROM STANDING SEAM ROOF METAL, ATTACH TO DOWNSPOUT OUTLET AT OUTFALL ONTO LOWER ROOF PAN
10	SANITARY VENT

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

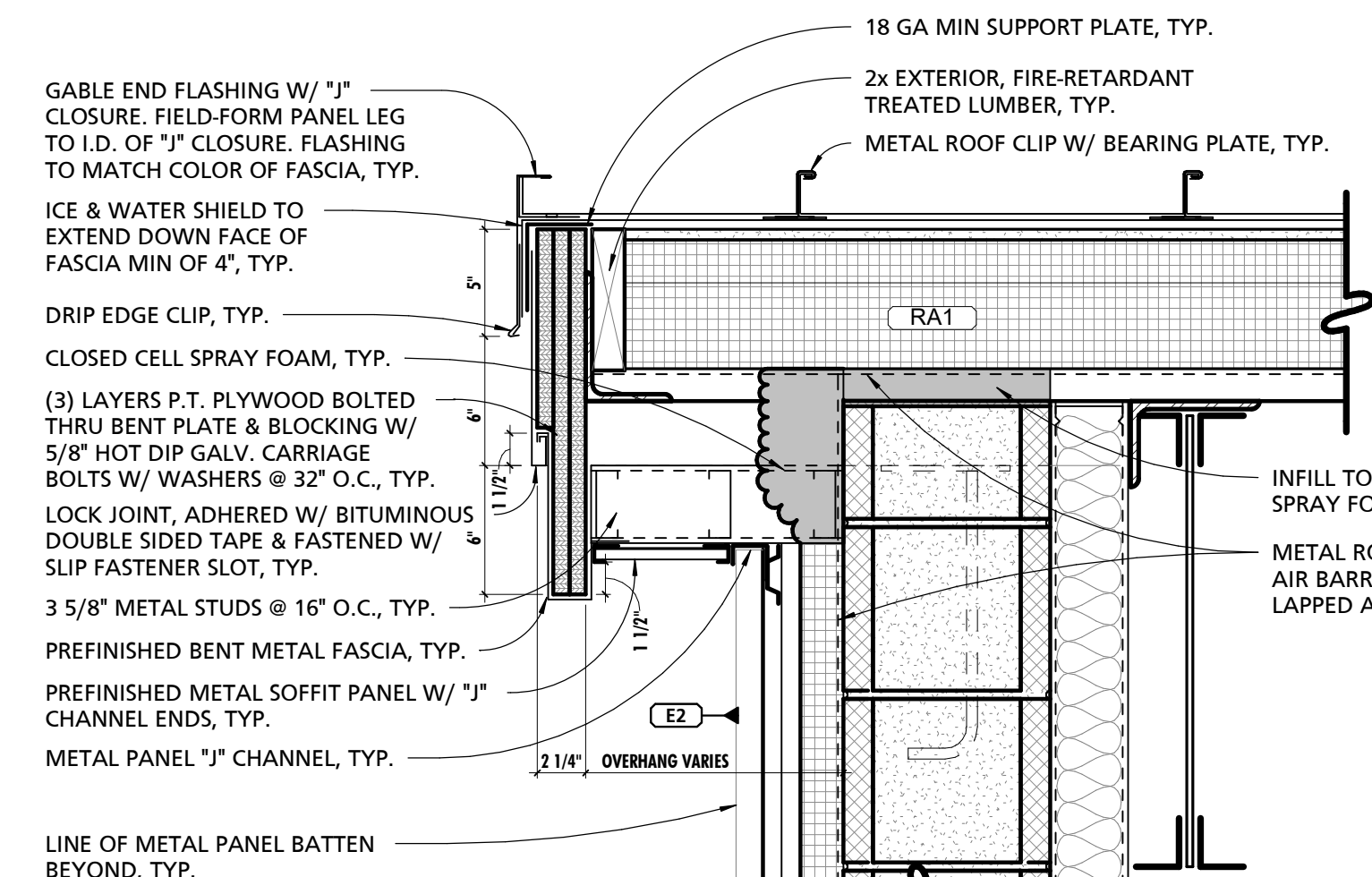
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18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
ROOF PLAN

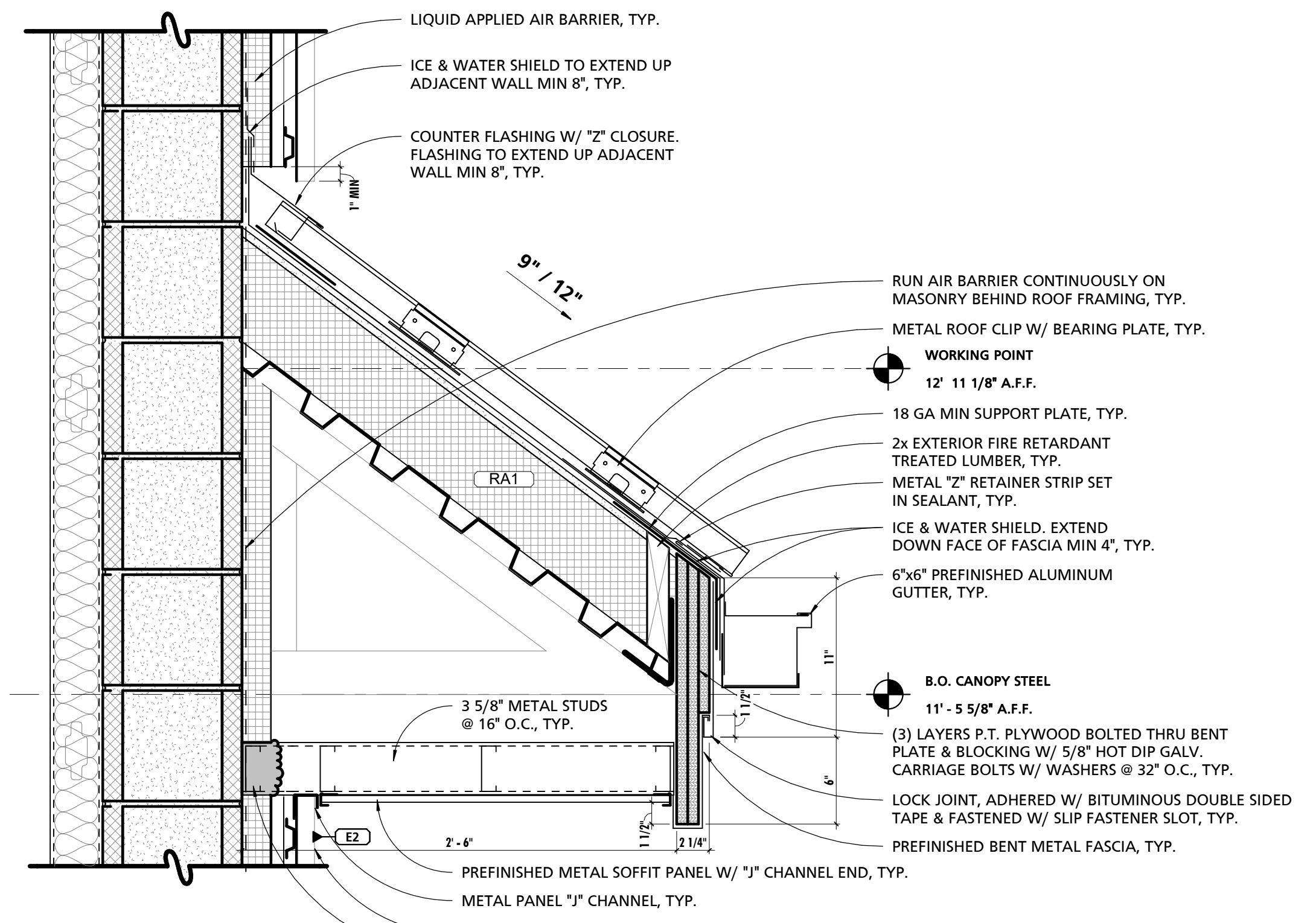
SHEET NUMBER:
A500

SCALE:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #6405311 EXPIRATION DATE: 6/30/2023

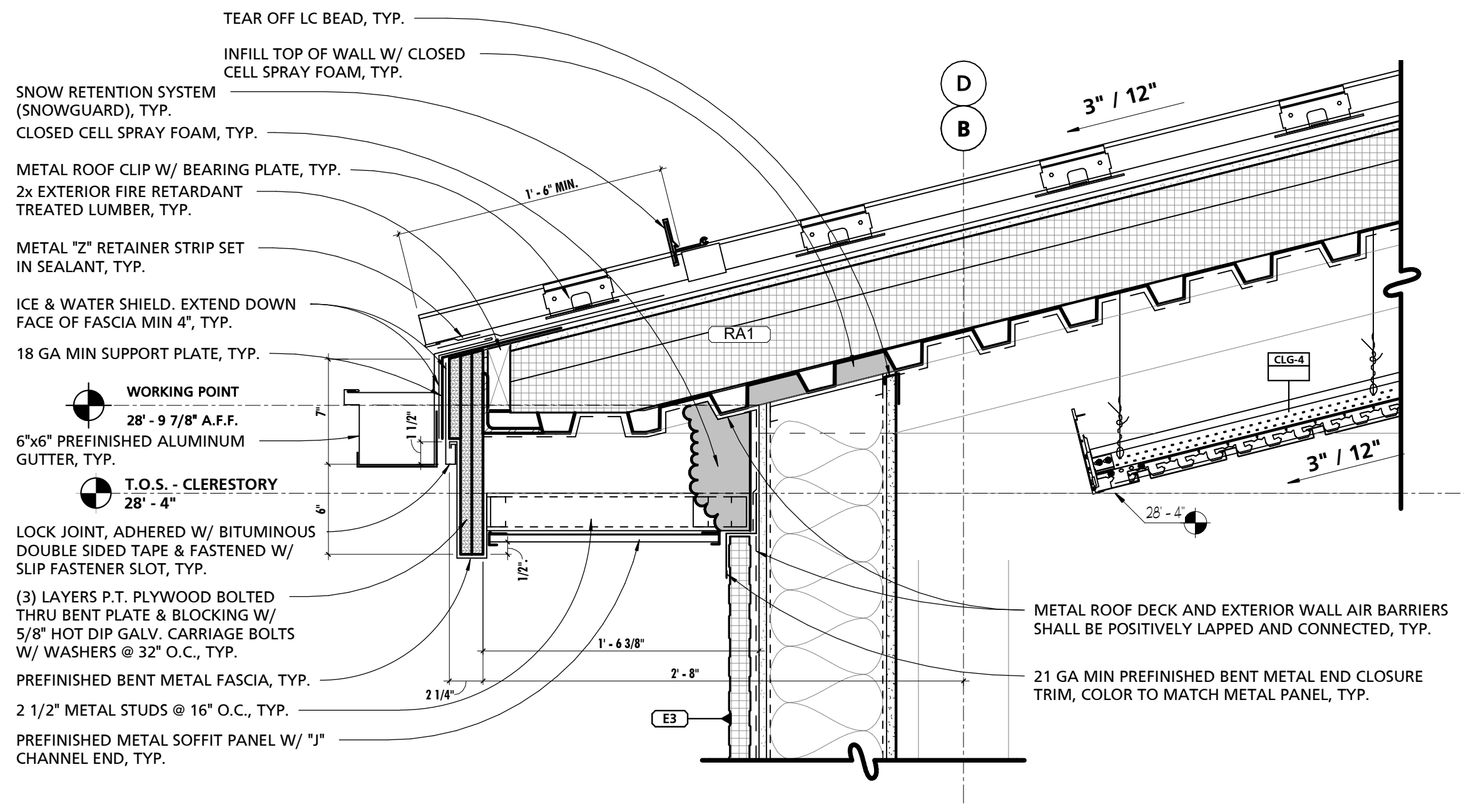
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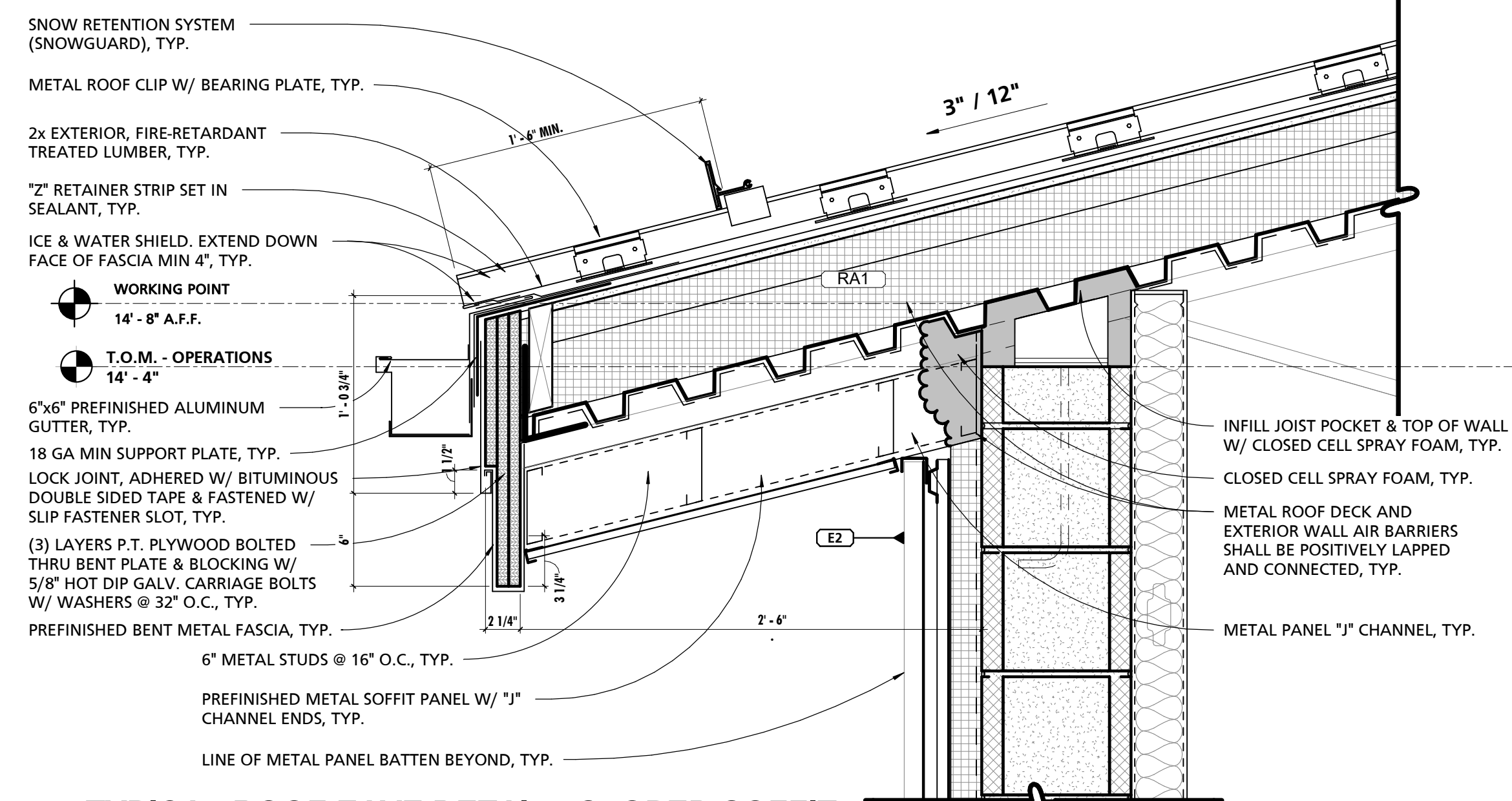
1 TYPICAL ROOF RAKE DETAIL
1 1/2" = 1'-0"



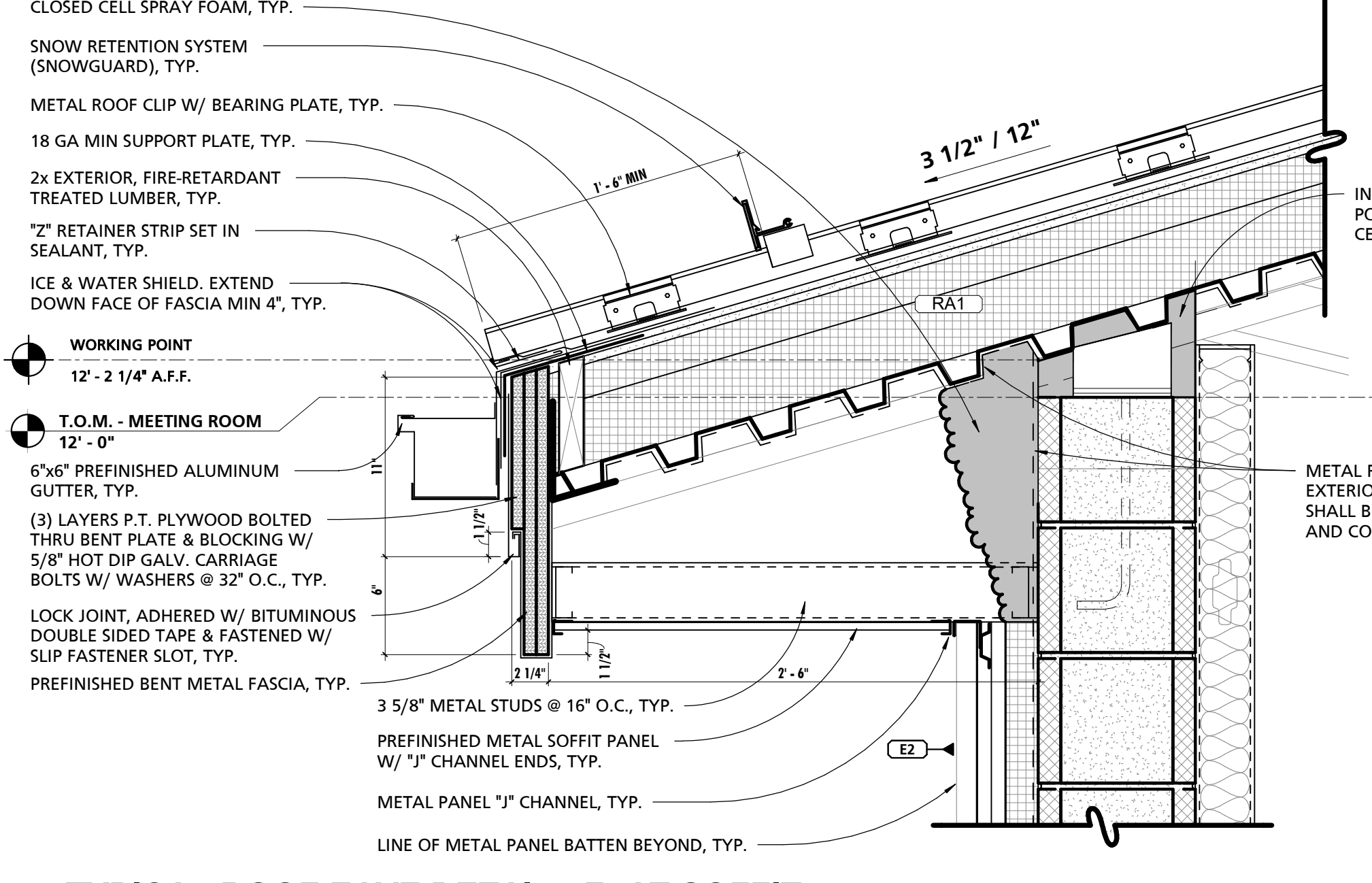
2 ROOF BROW DETAIL @ E2
1 1/2" = 1'-0"



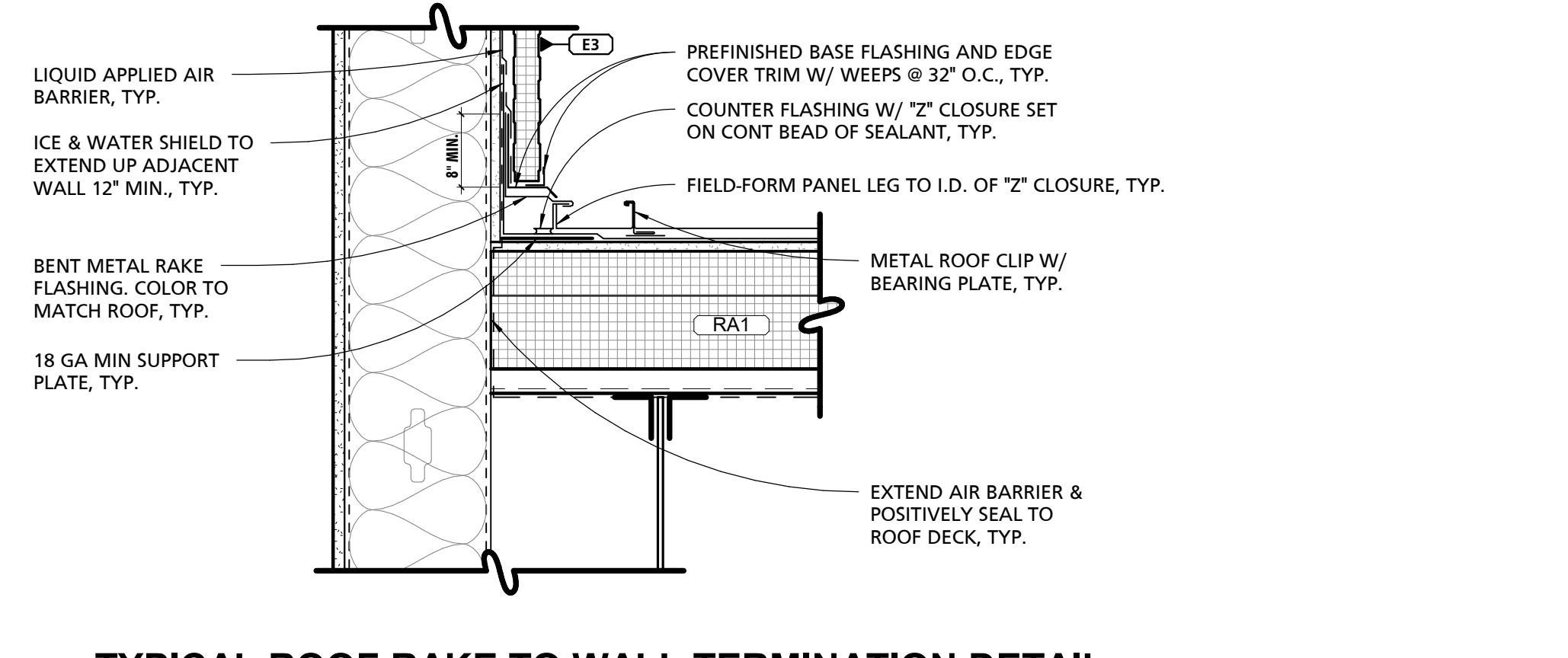
3 TYPICAL ROOF EAVE DETAIL @ CLERESTORY
1 1/2" = 1'-0"



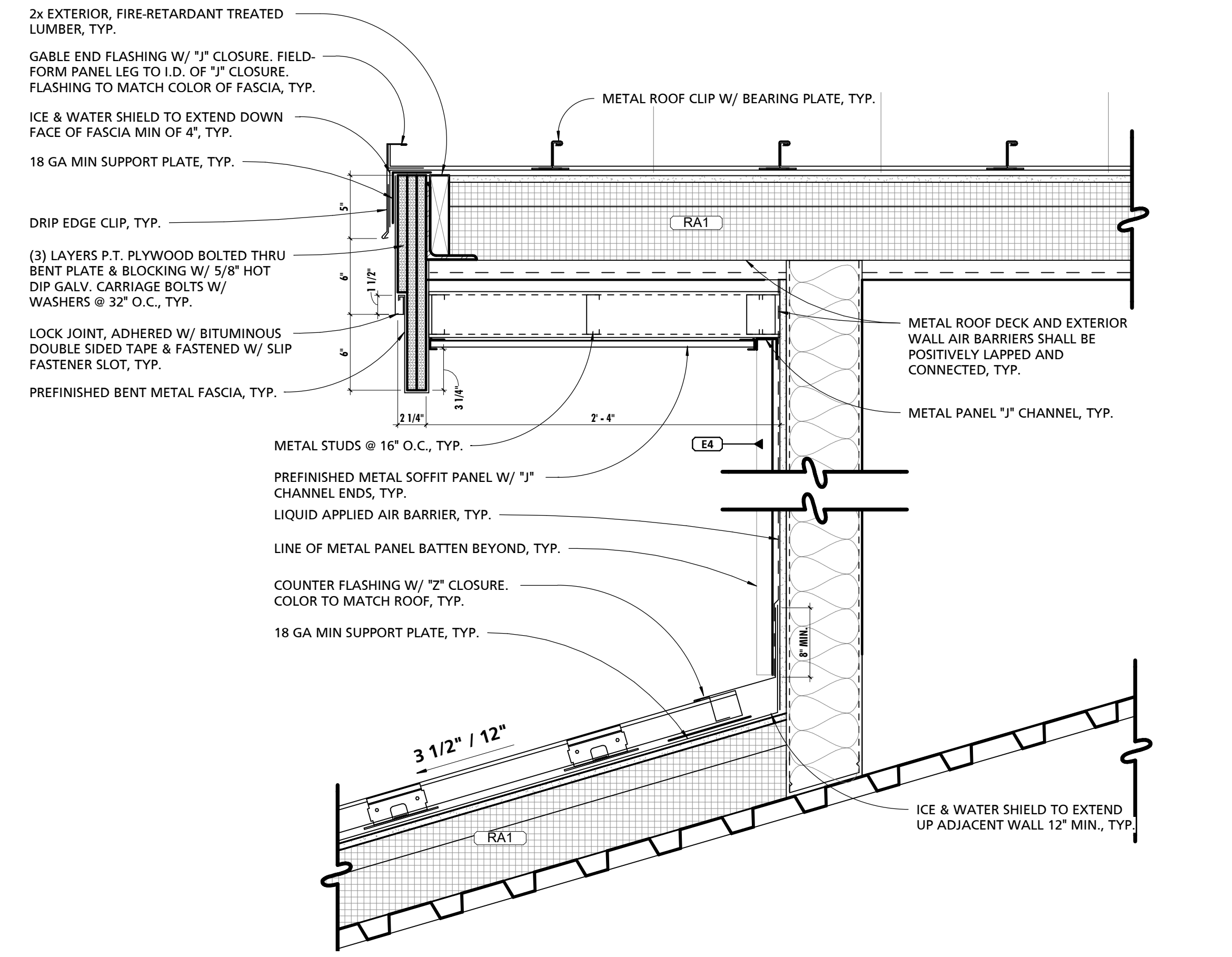
4 TYPICAL ROOF EAVE DETAIL - SLOPED SOFFIT
1 1/2" = 1'-0"



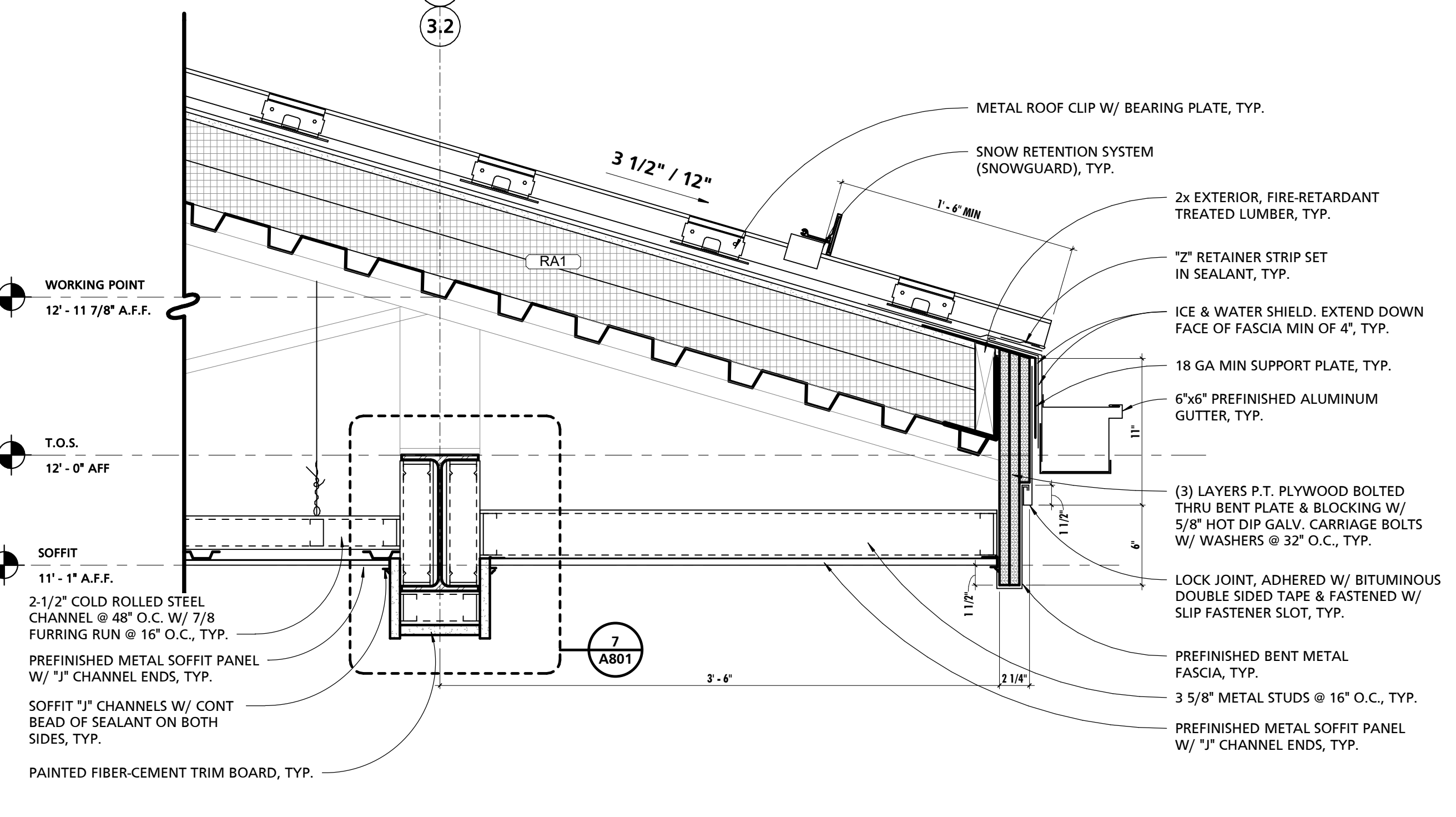
5 TYPICAL ROOF EAVE DETAIL - FLAT SOFFIT
1 1/2" = 1'-0"



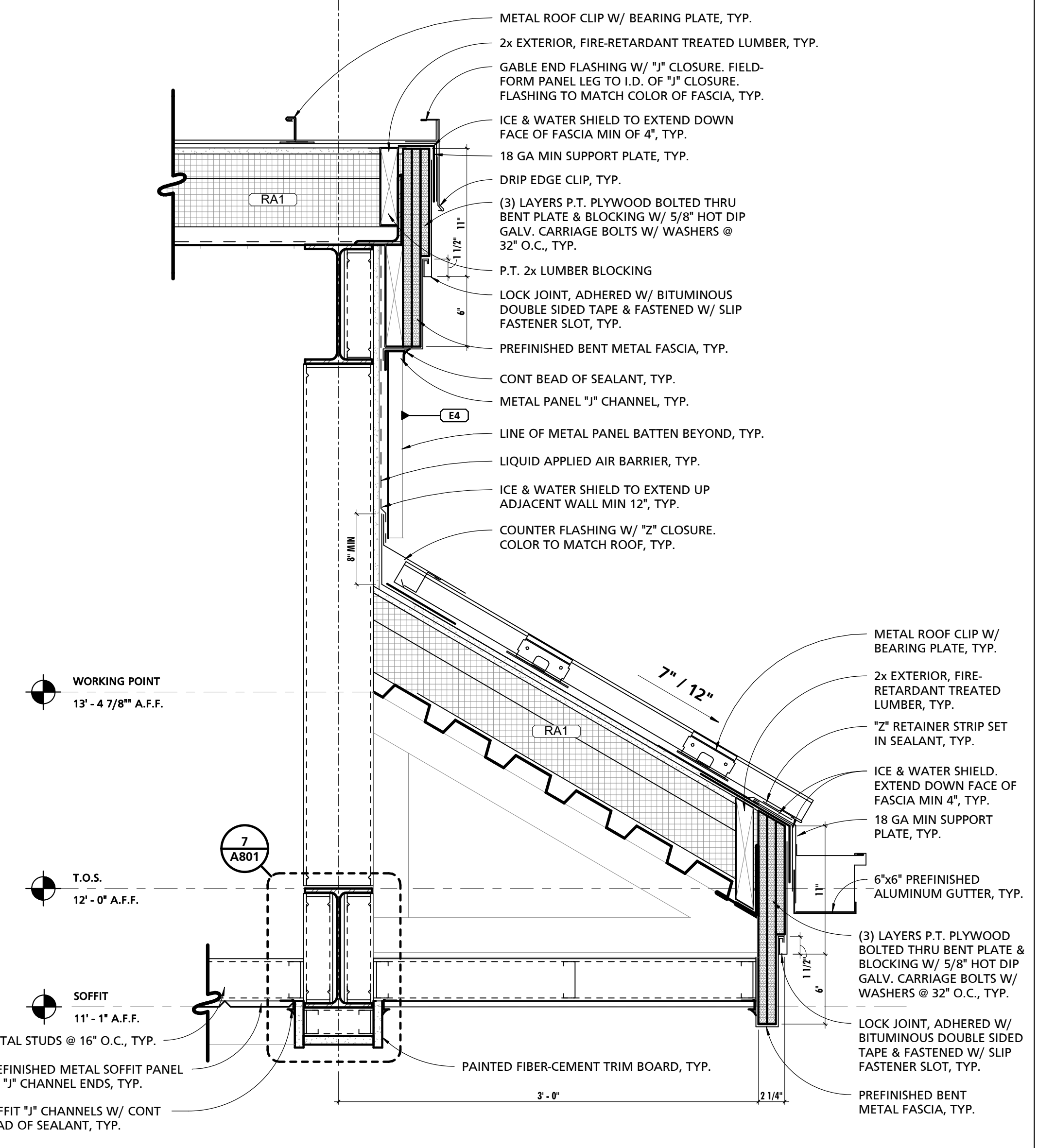
6 TYPICAL ROOF RAKE TO WALL TERMINATION DETAIL
1 1/2" = 1'-0"



7 TYPICAL PLYWOOD ROOF EAVE TO WALL TERMINATION @ OVERFRAMING
1 1/2" = 1'-0"



8 TYPICAL ROOF EAVE DETAIL @ ENTRY
1 1/2" = 1'-0"



9 TYPICAL ROOF TRANSITION DETAIL AT ENTRY
1 1/2" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER: 18-036
PROJECT SET: BID SET
DATE ISSUED: 11/30/2023
DRAWING TITLE: ROOF DETAILS
SHEET NUMBER: A501

11/29/2023 11:42:41 AM

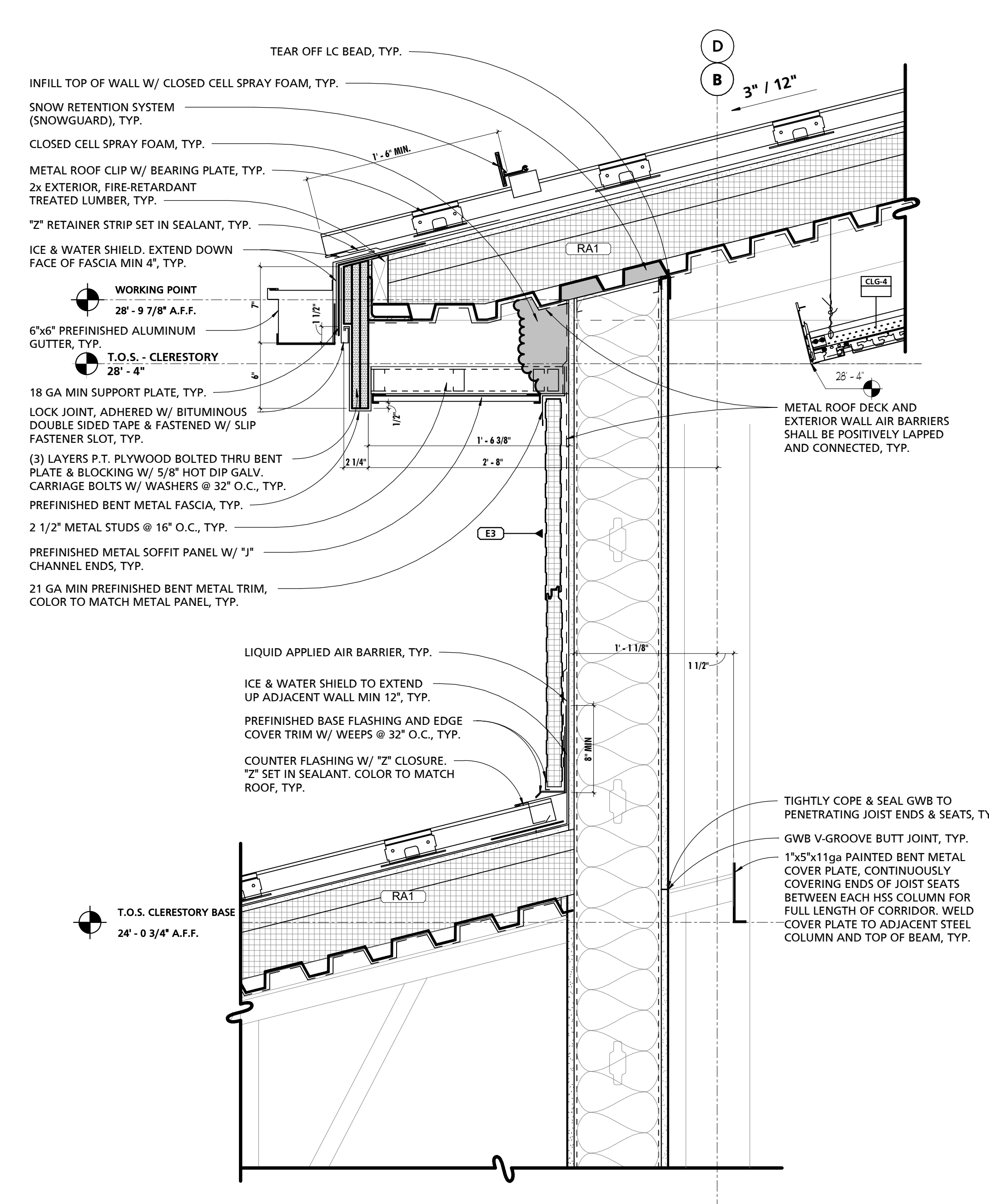
SEAL: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #8405311 EXPIRATION DATE: 6/30/2023

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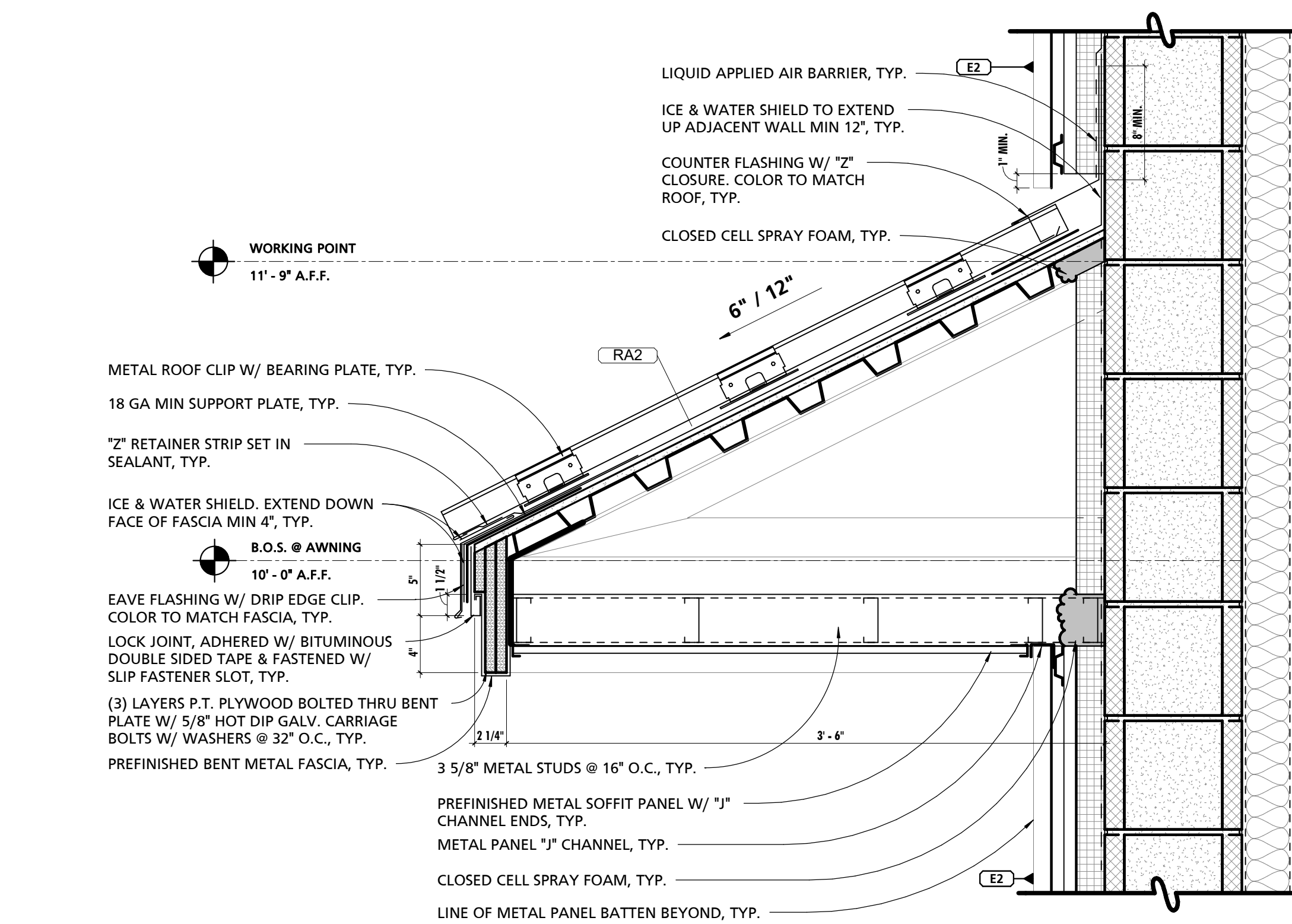
CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE
PROJECT NUMBER:	18-036	
PROJECT SET:	BID SET	
DATE ISSUED:	11/30/2023	
DRAWING TITLE:	ROOF DETAILS	
SHEET NUMBER:	A502	

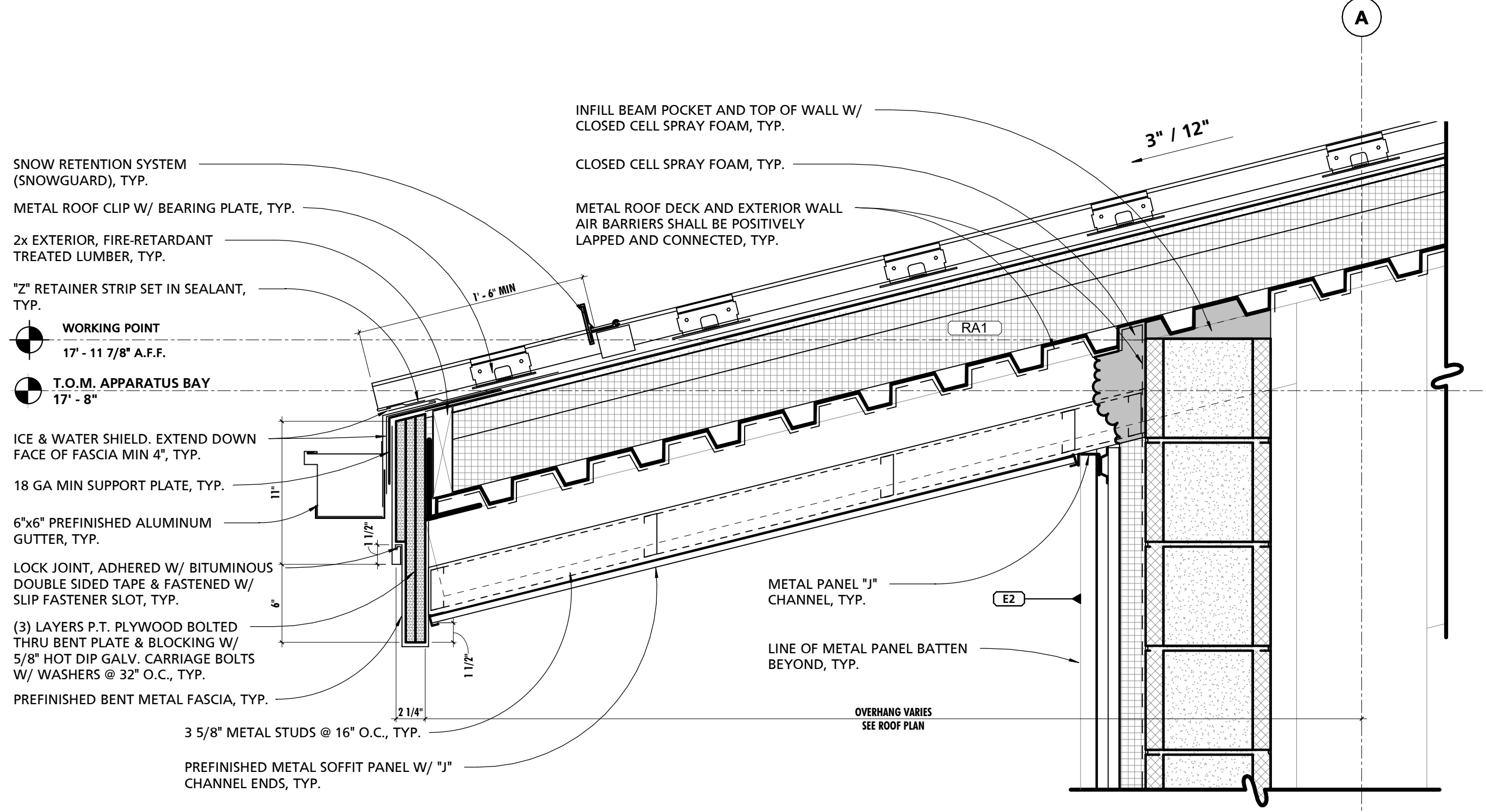
11/29/2023 11:42:44 AM



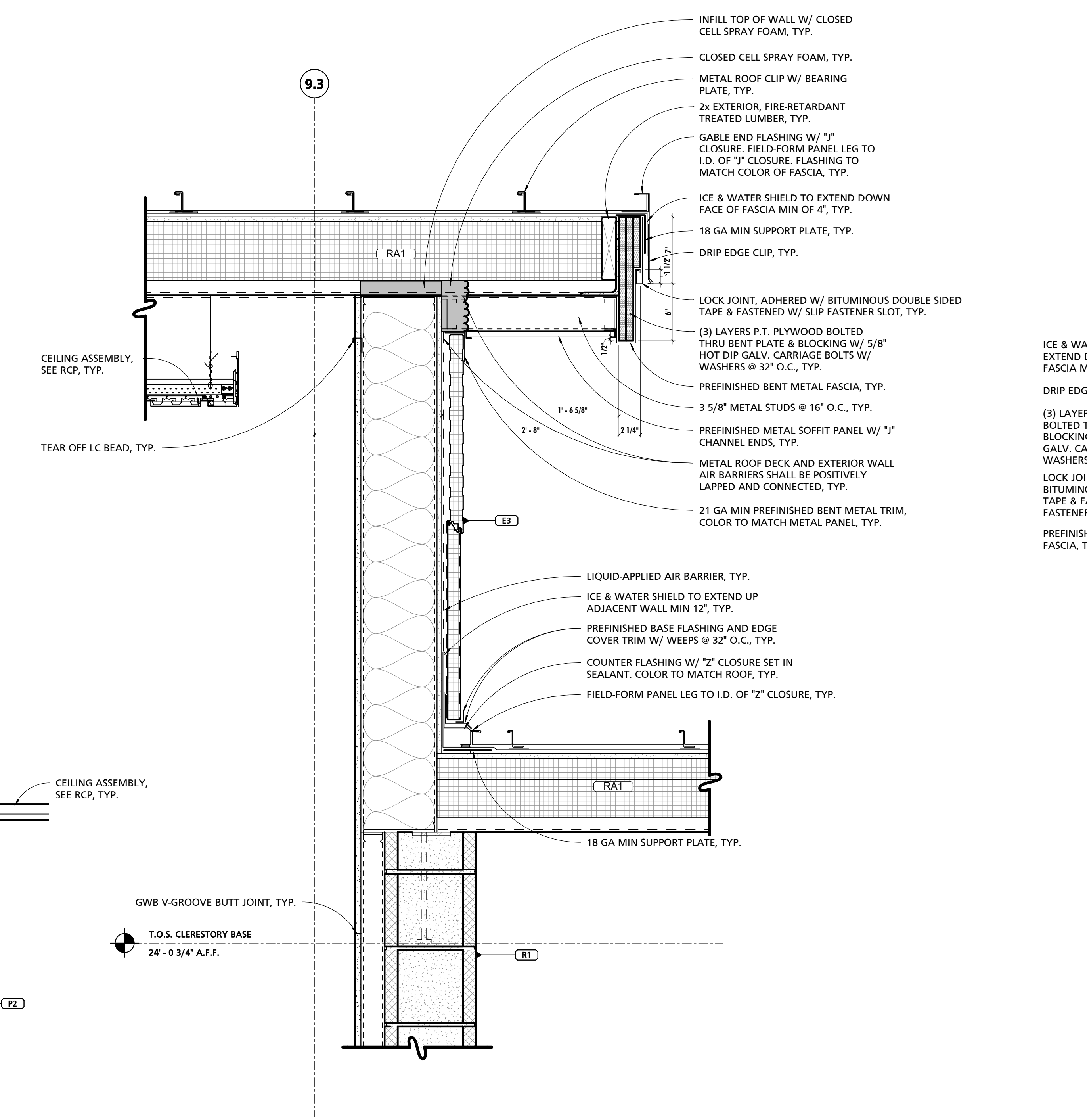
1 TYPICAL ROOF TRANSITION DETAIL @ CLERESTORY EAVE
1 1/2" = 1'-0"



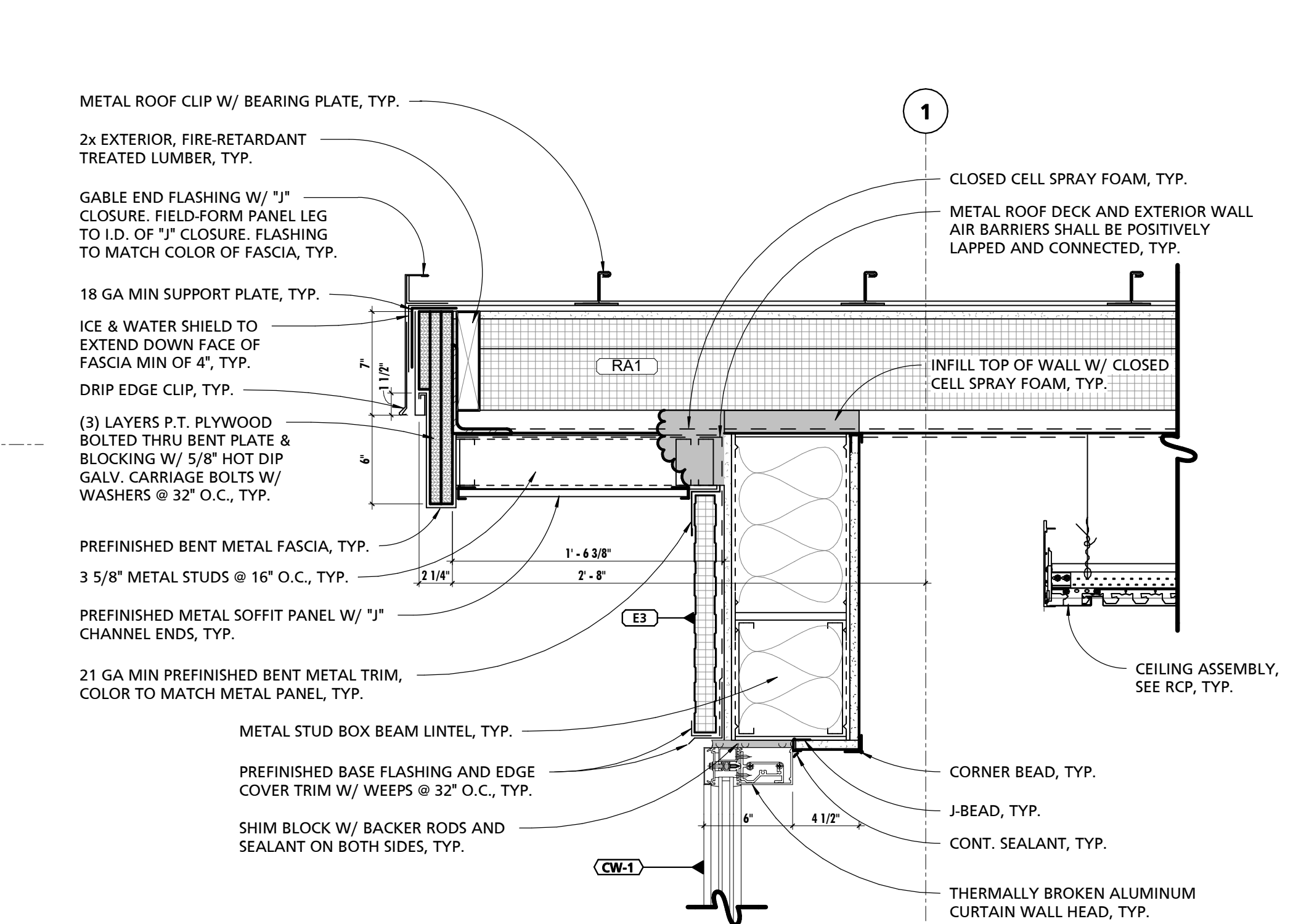
4 TYPICAL AWNING DETAIL
1 1/2" = 1'-0"



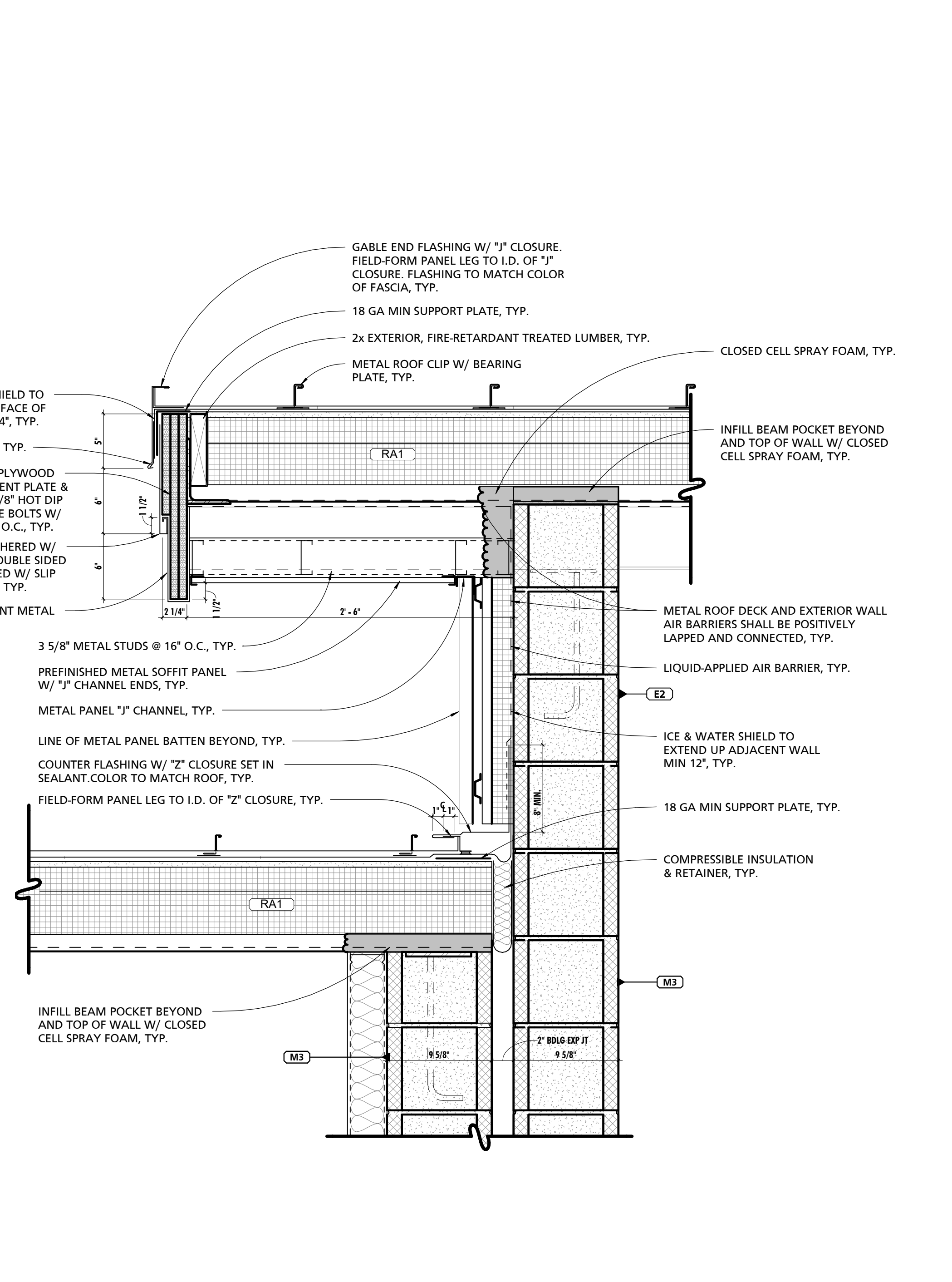
2 TYPICAL ROOF DETAIL - APPARATUS EAVE
1 1/2" = 1'-0"



5 TYPICAL ROOF TRANSITION DETAIL @ CLERESTORY RAKE
1 1/2" = 1'-0"



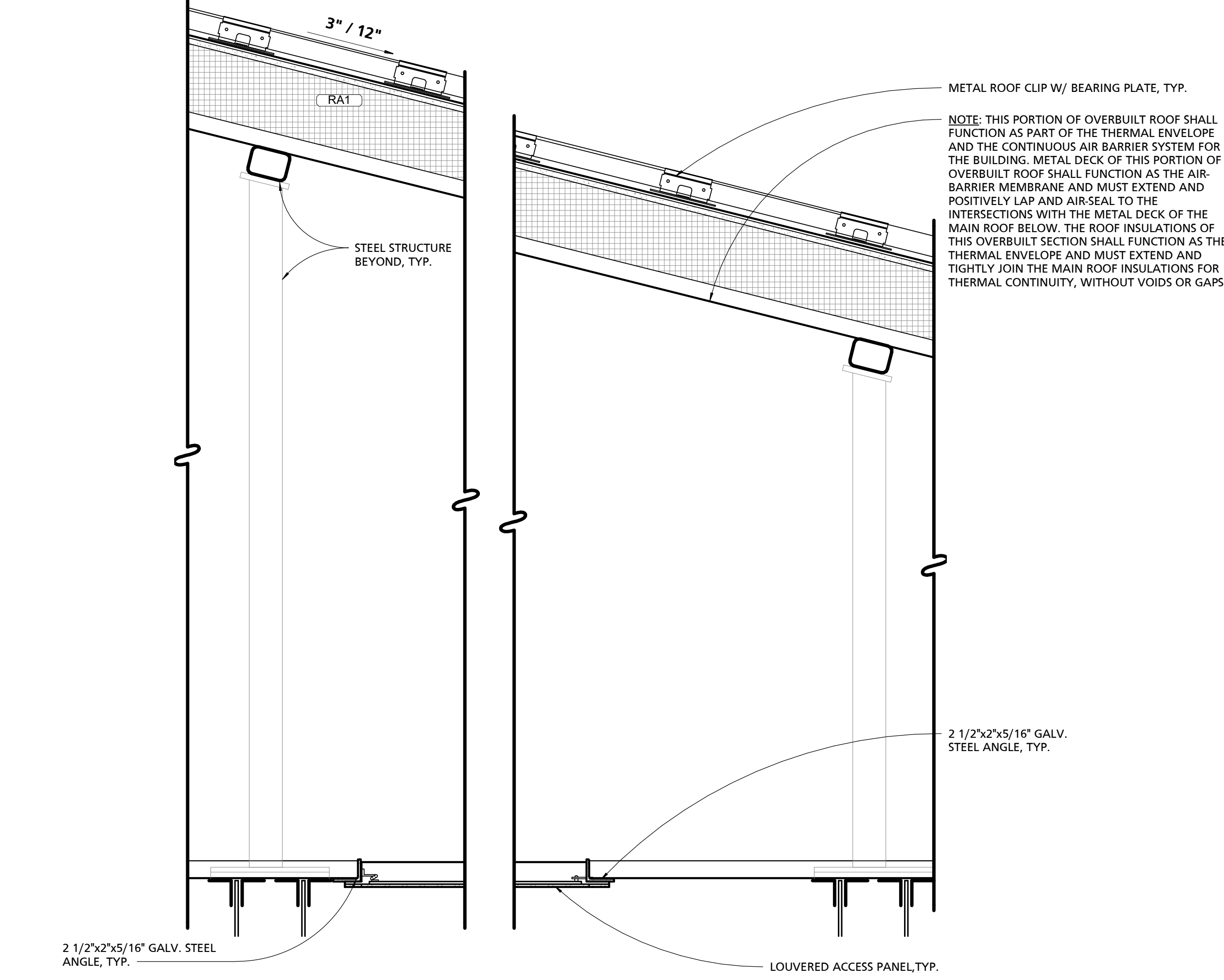
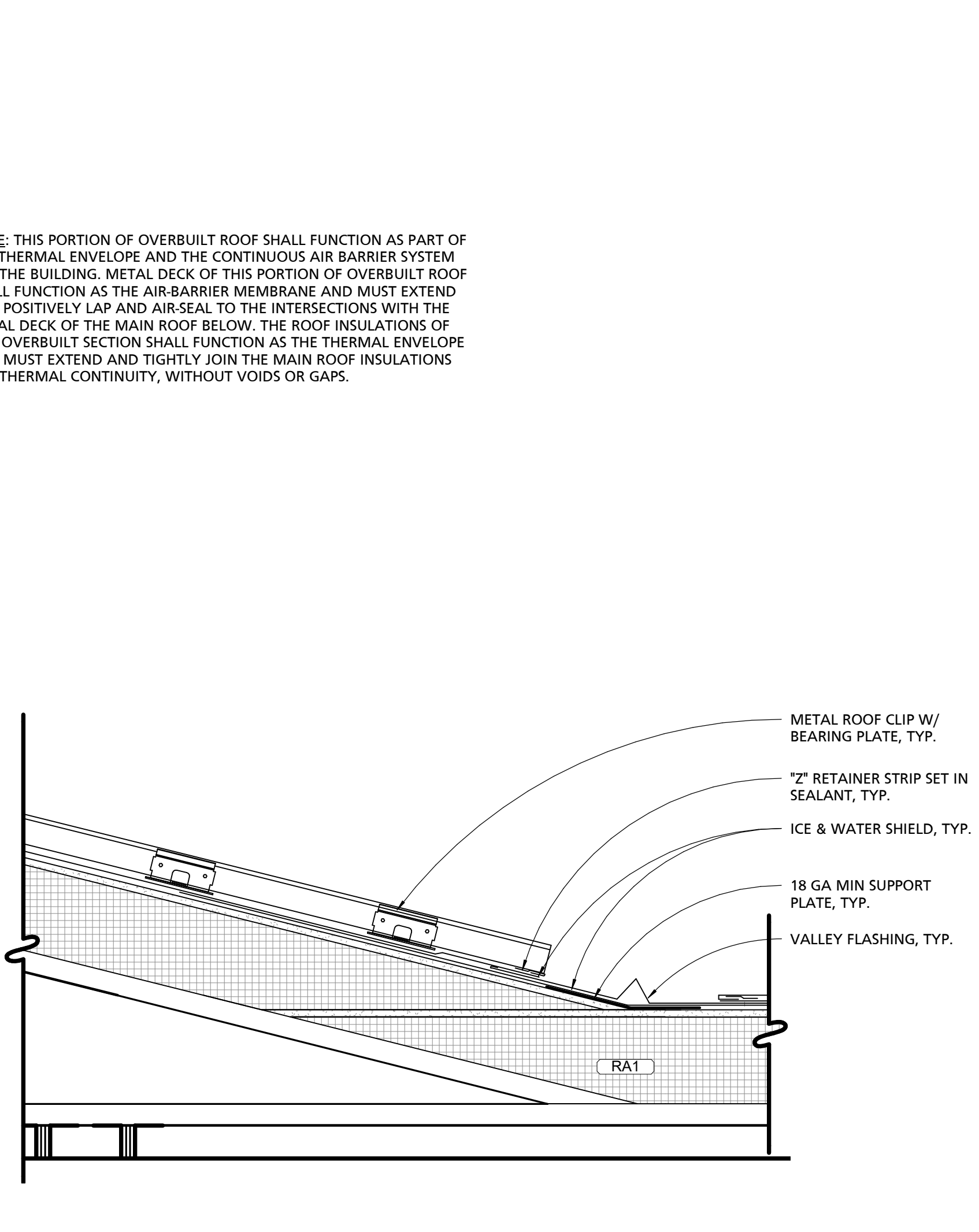
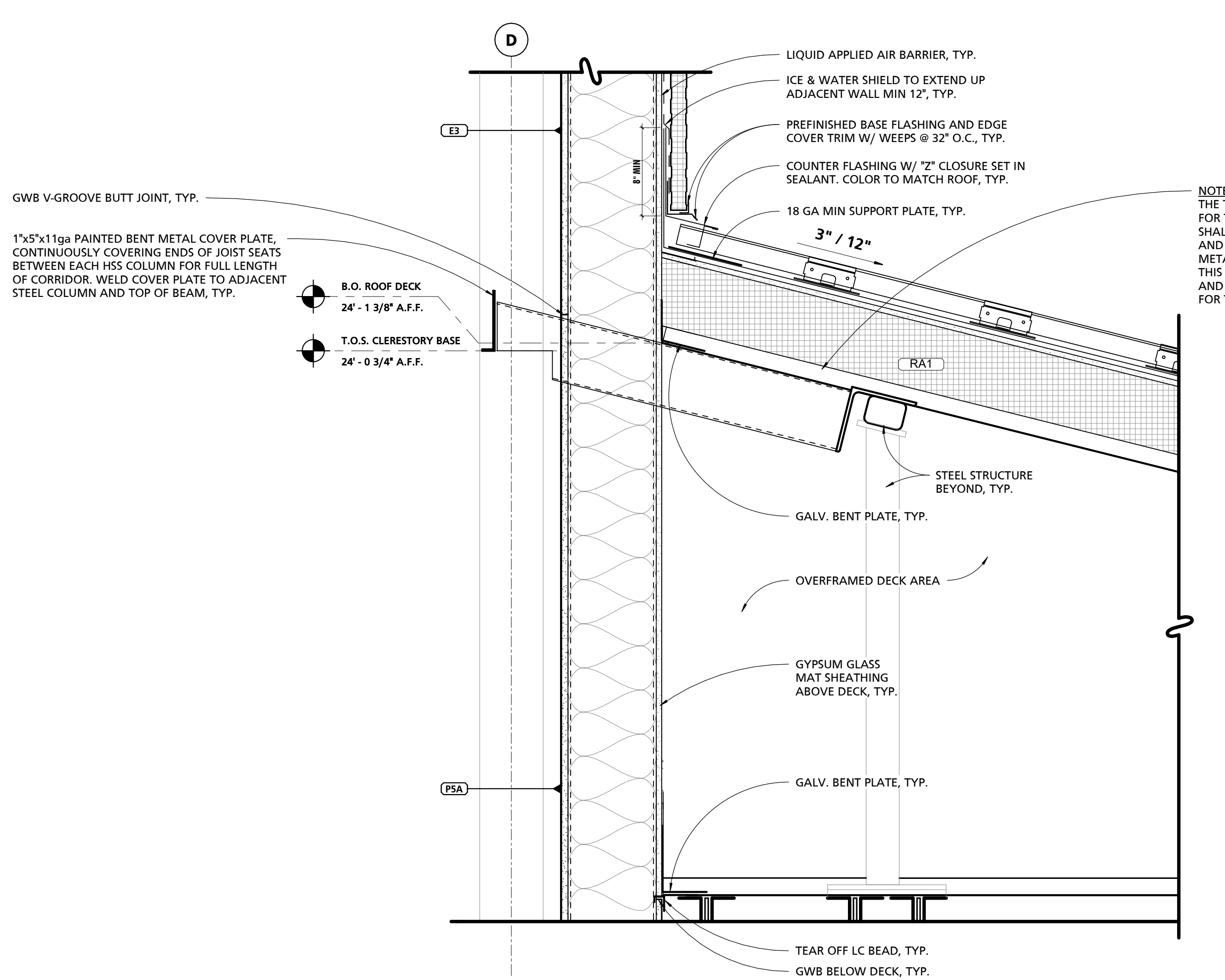
3 TYPICAL ROOF RAKE DETAIL @ CW-1
1 1/2" = 1'-0"



6 TYPICAL ROOF TRANSITION DETAIL @ BLDG EXPANSION JOINT
1 1/2" = 1'-0"

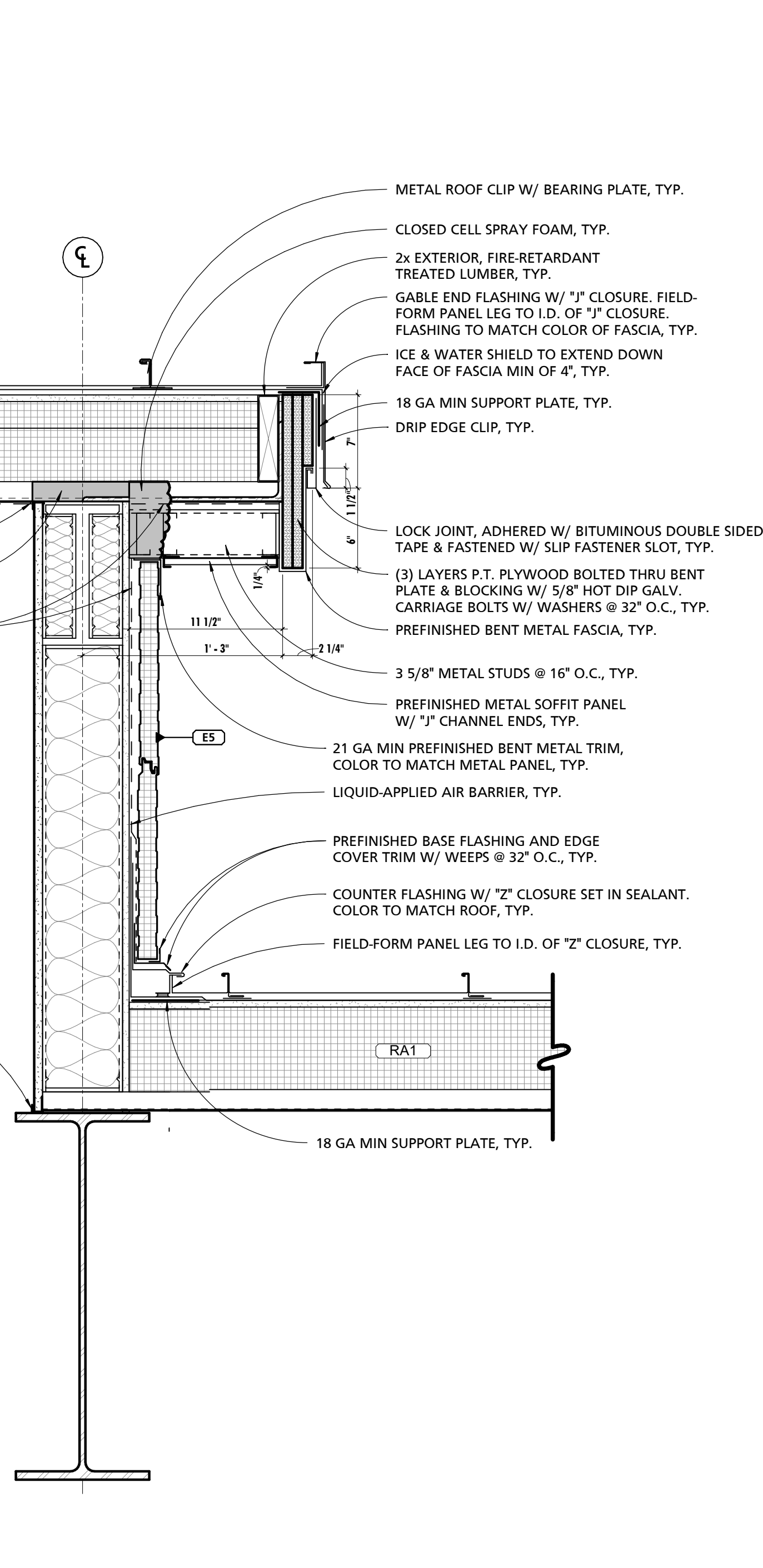
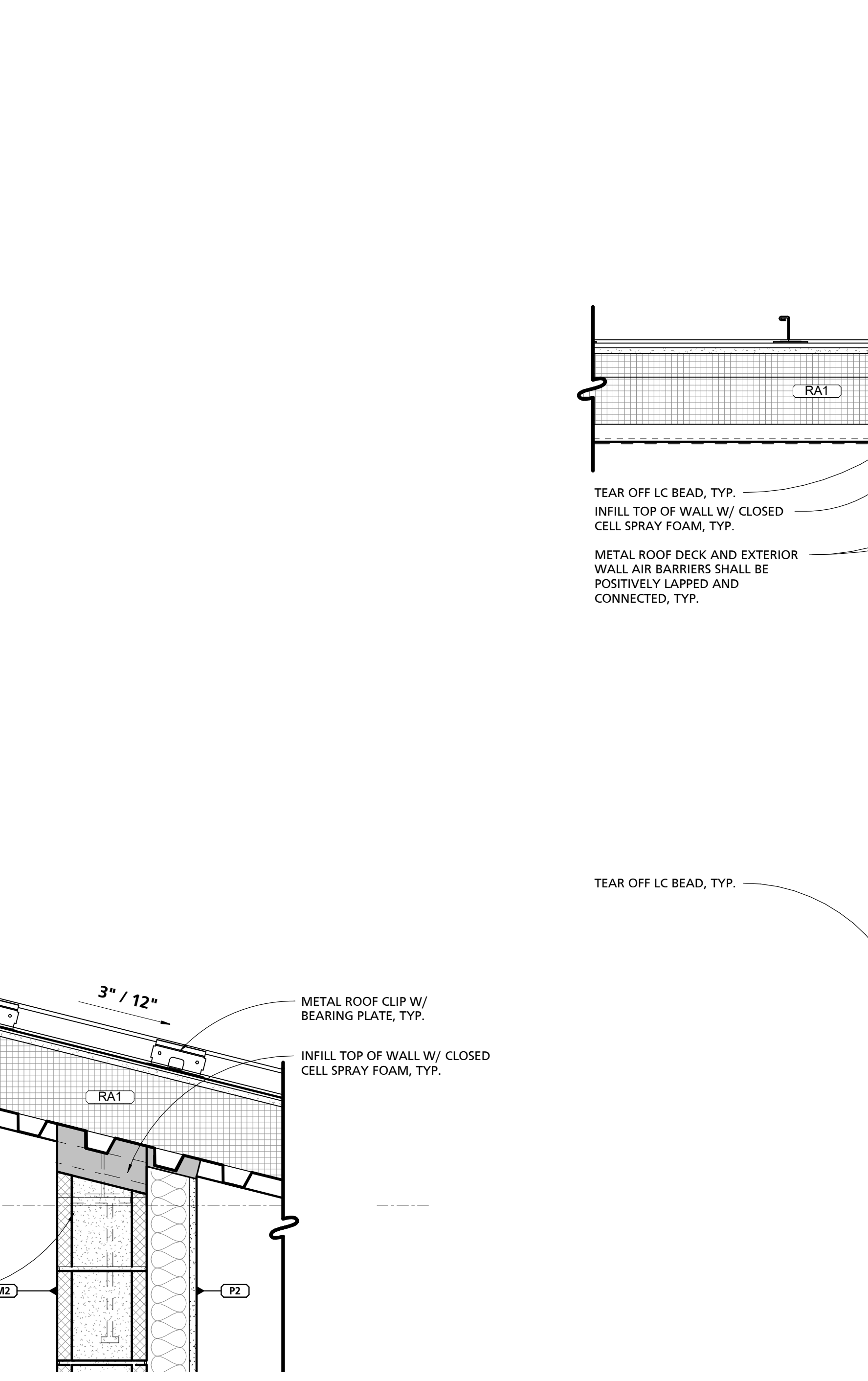
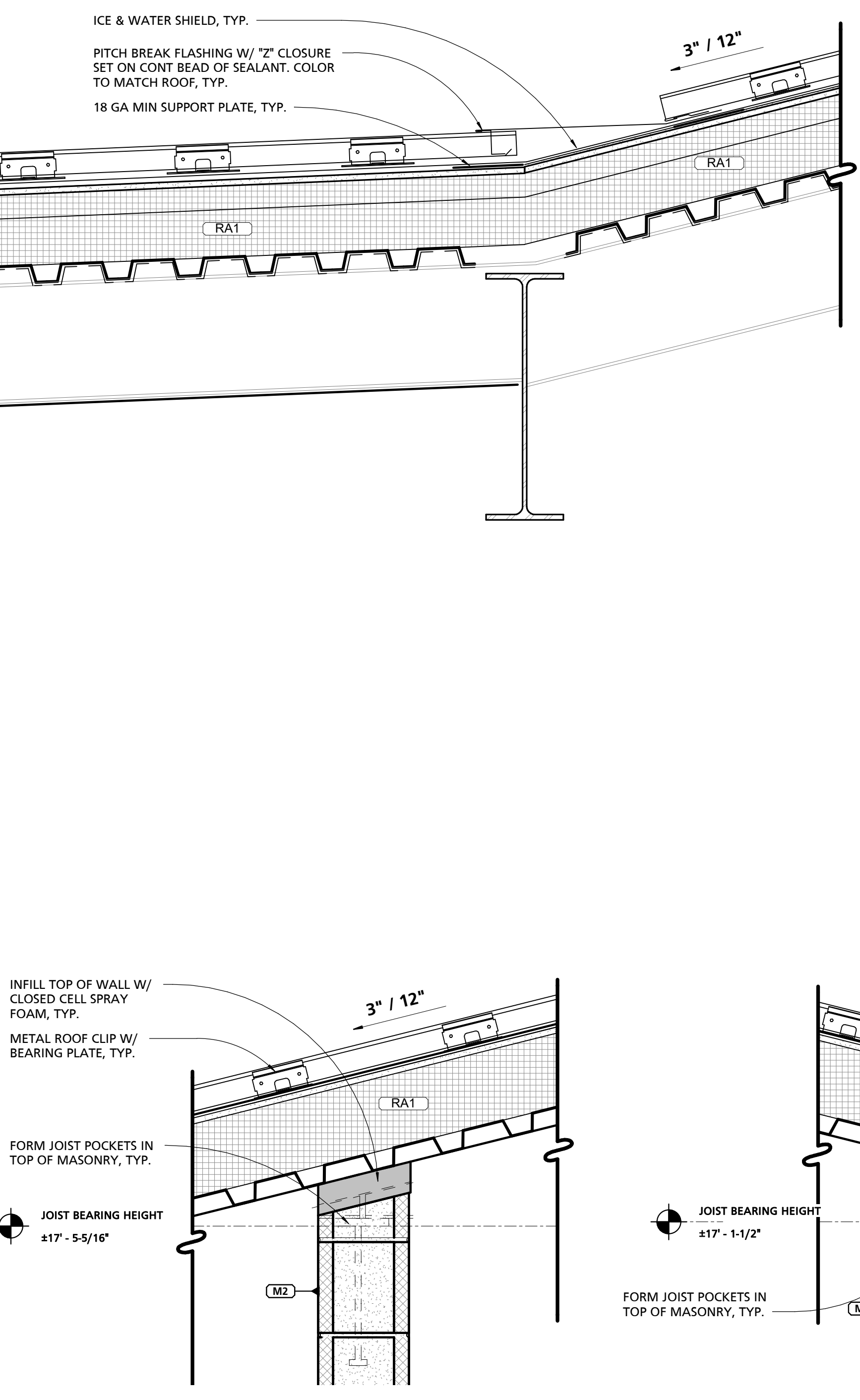
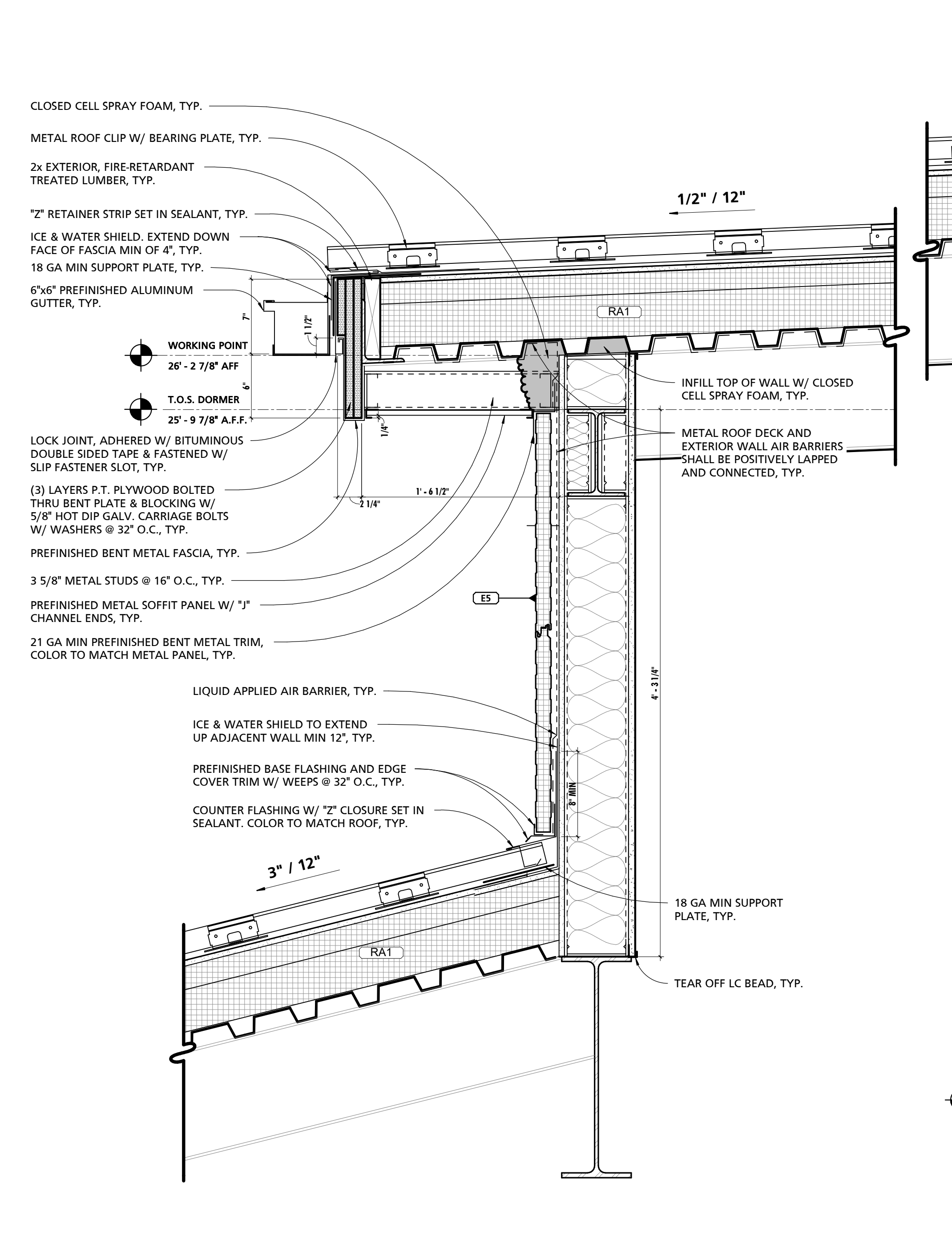
SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA.
LICENSE NUMBER: #64625311
EXPIRATION DATE: 6/30/2023

THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDITION TO THIS CONFORMED SET. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, DRAWINGS, AND SPECIFICATIONS, ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.



1 ROOF DETAIL @ CLERESTORY TRANSITION & OVERFRAMING
1 1/2" = 1'-0"

2 ROOF ACCESS DOOR @ OVERFRAMING
1 1/2" = 1'-0"



3 TYPICAL ROOF DORMER DETAIL @ EAVE
1 1/2" = 1'-0"

4 ROOF DETAIL @ MEZZ. 201
1 1/2" = 1'-0"

5 ROOF DETAIL @ MEZZ. 201
1 1/2" = 1'-0"

6 TYPICAL ROOF DORMER DETAIL @ RAKE
1 1/2" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023
DRAWING TITLE:
ROOF DETAILS
SHEET NUMBER:
A503

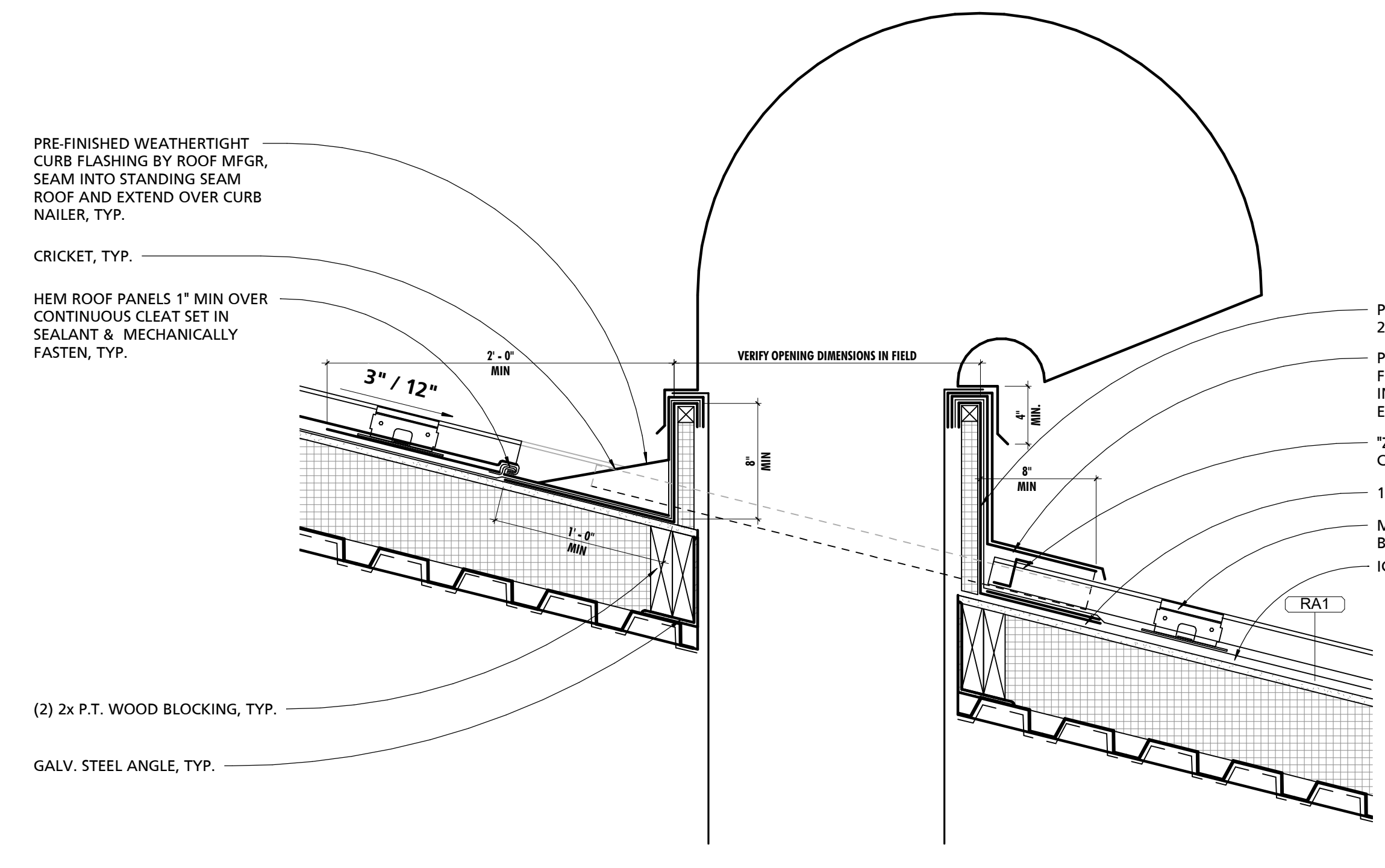
SEAL:

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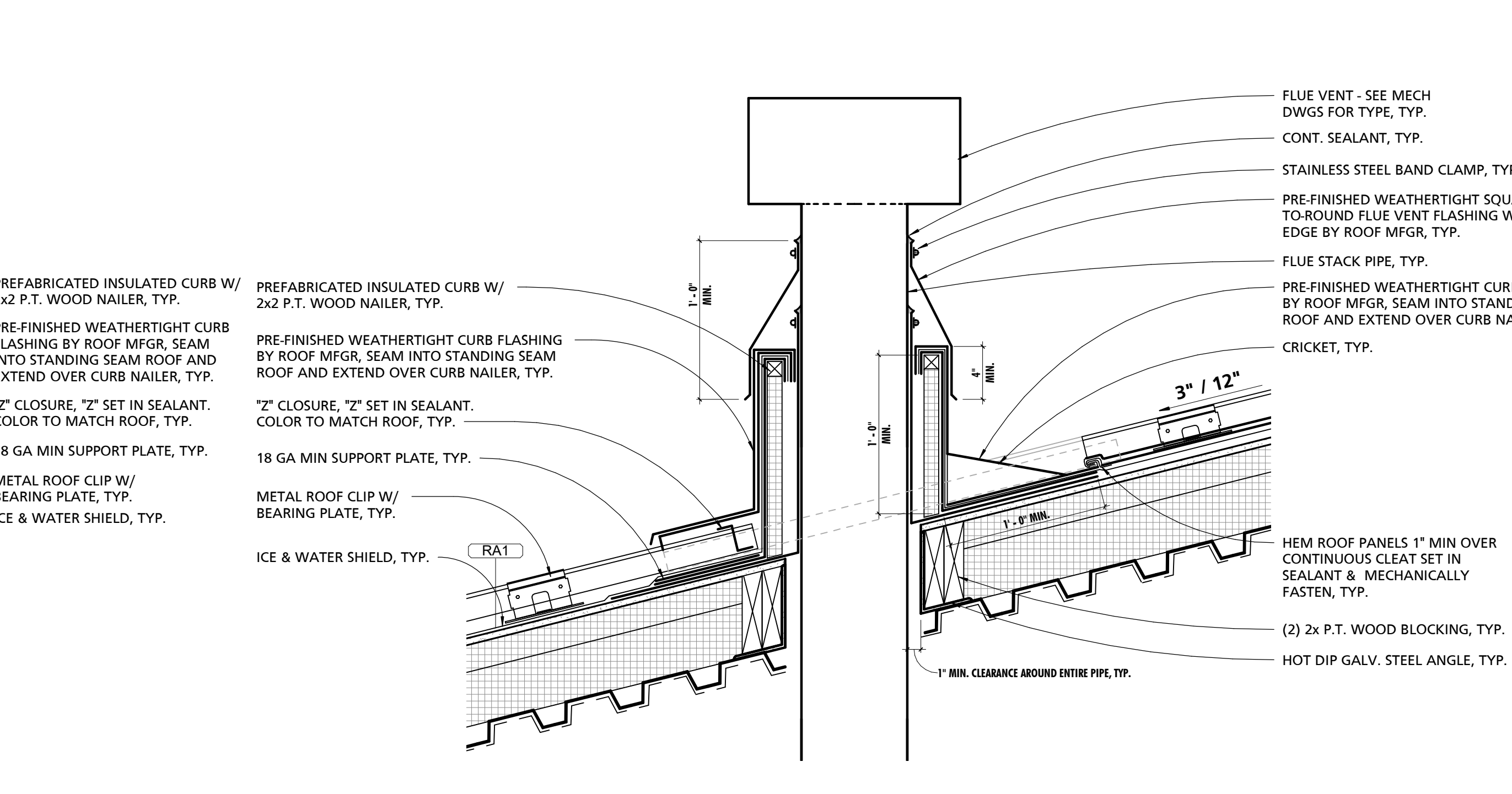
CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE
PROJECT NUMBER: 18-036		
PROJECT SET: BID SET		
DATE ISSUED: 11/30/2023		
DRAWING TITLE: ROOF PENETRATION & LIGHTNING PROTECTION DETAILS		
SHEET NUMBER: A504		

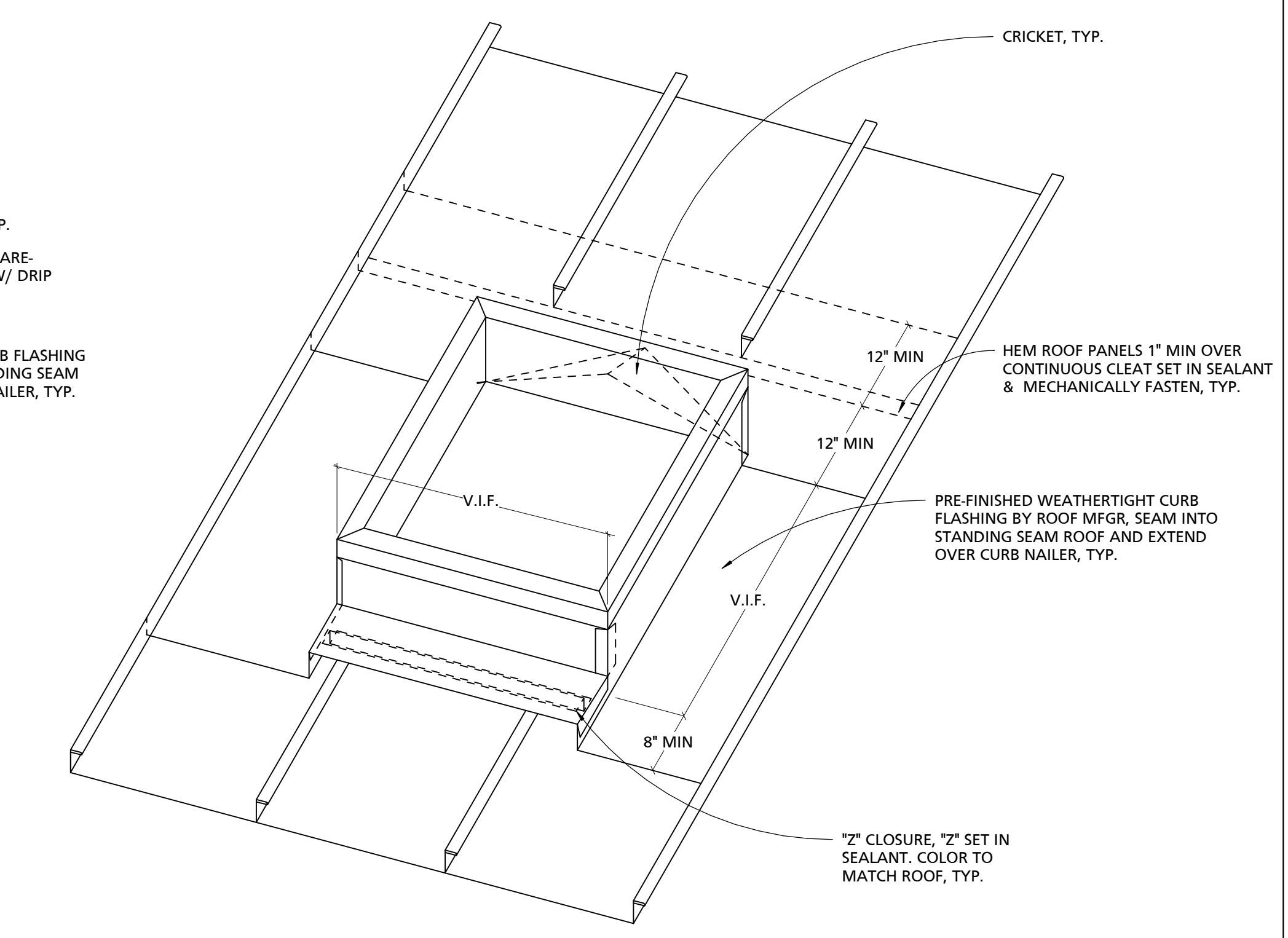
11/29/2023 11:42:49 AM



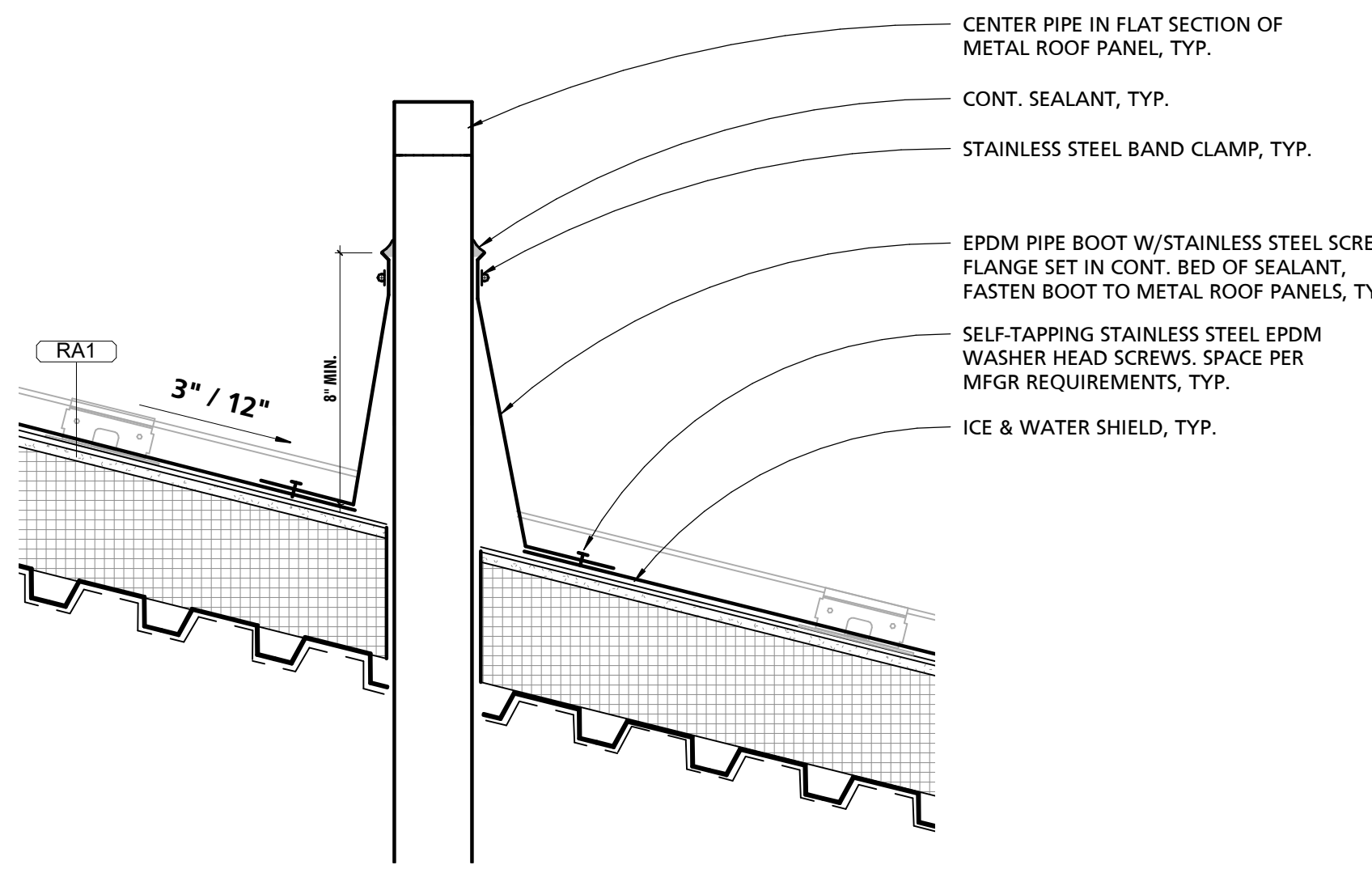
1 GOOSENECK DUCT PENETRATION DETAIL
1 1/2" = 1'-0"



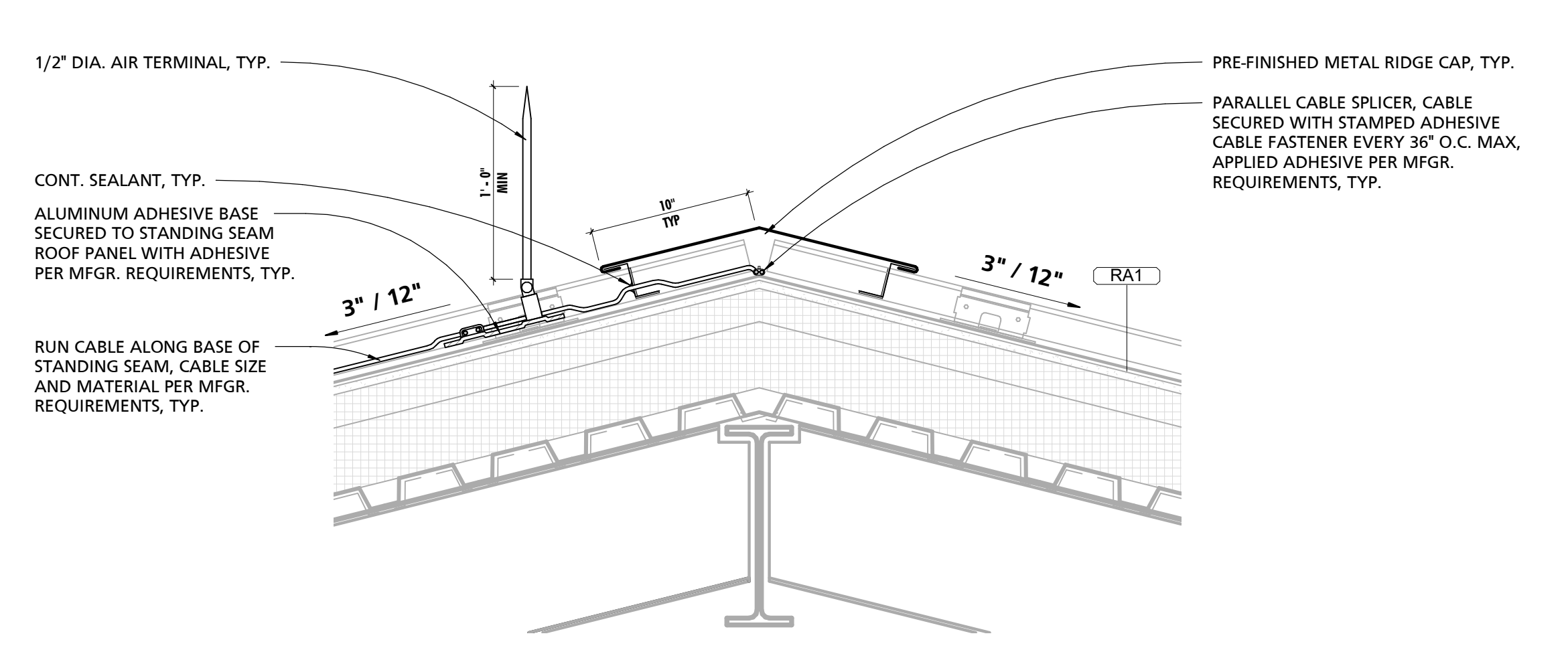
2 HOT FLUE STACK PENETRATION DETAIL
1 1/2" = 1'-0"



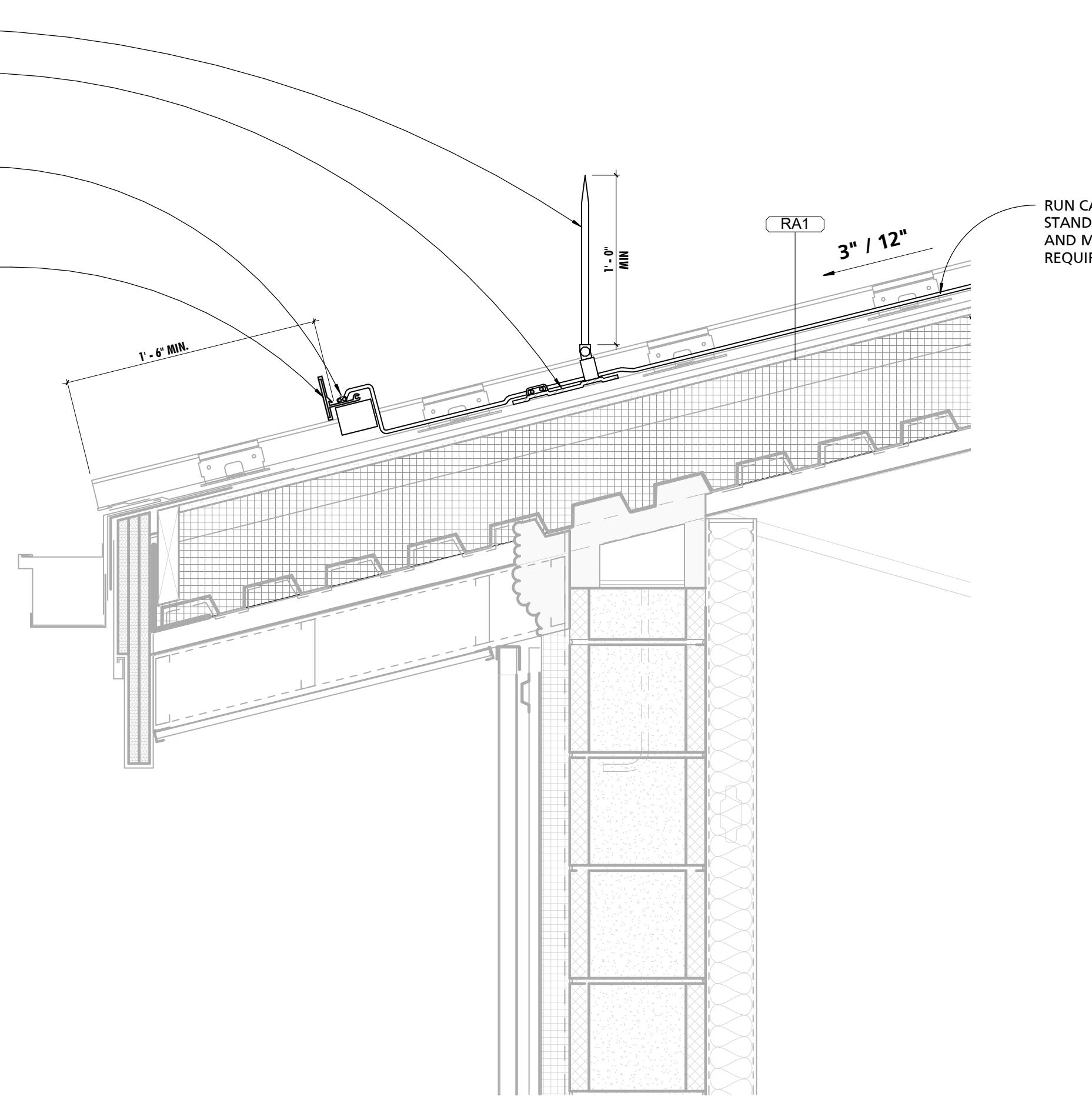
ROOF CURB ISOMETRIC
NOT TO SCALE



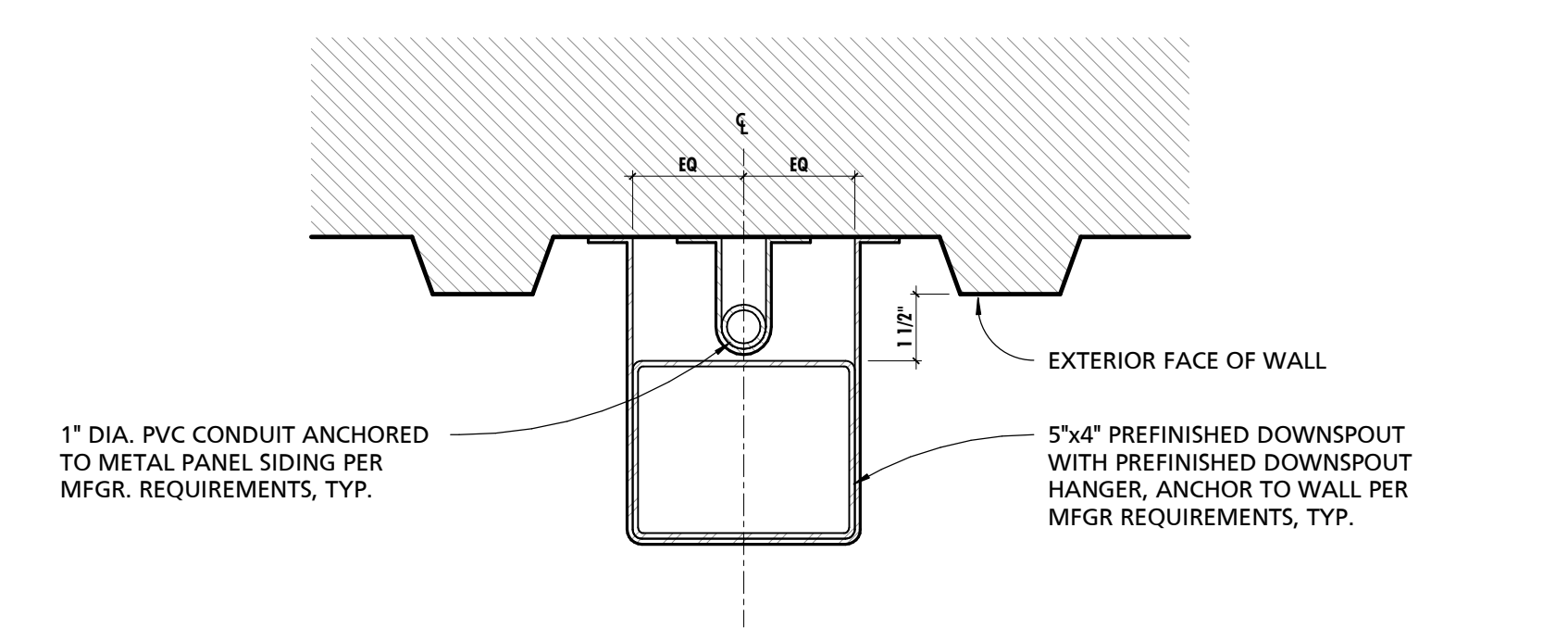
3 TYPICAL PIPE PENETRATION DETAIL
1 1/2" = 1'-0"



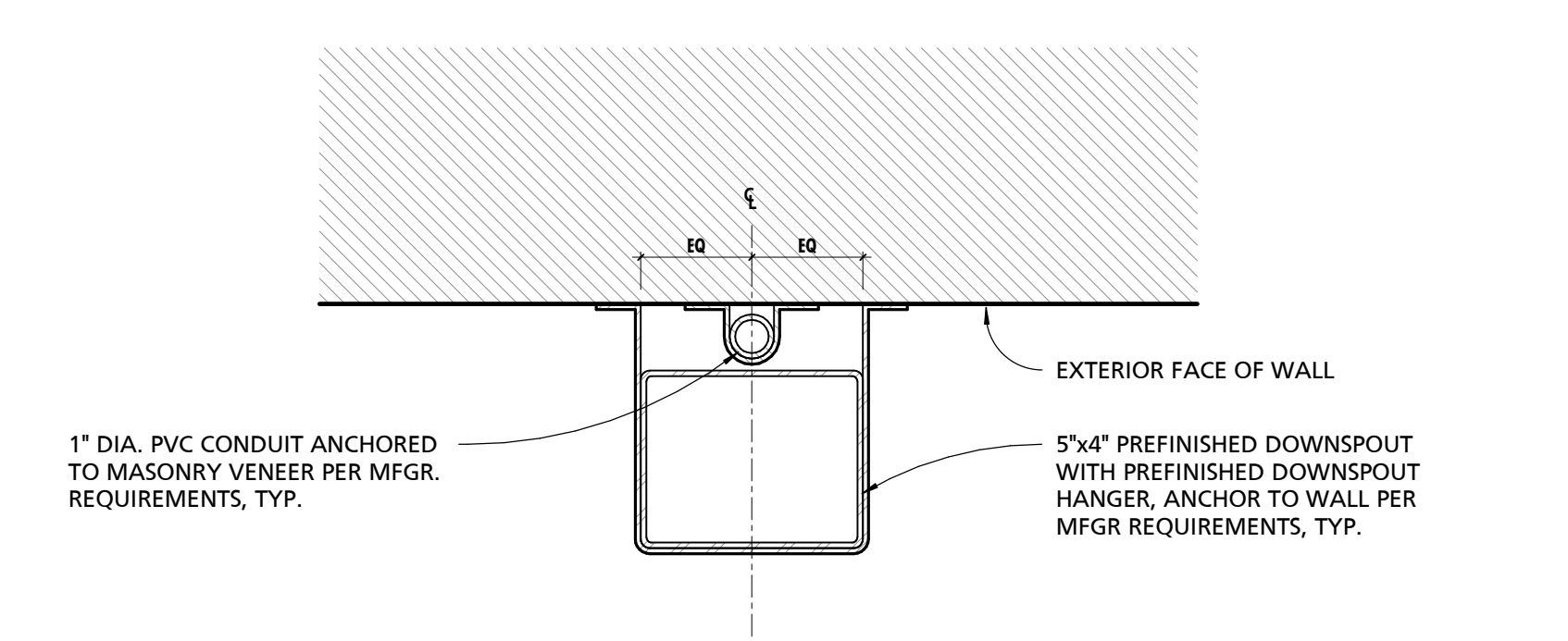
4 TYPICAL RIDGE CAP & LIGHTNING AIR TERMINAL DETAIL
1 1/2" = 1'-0"



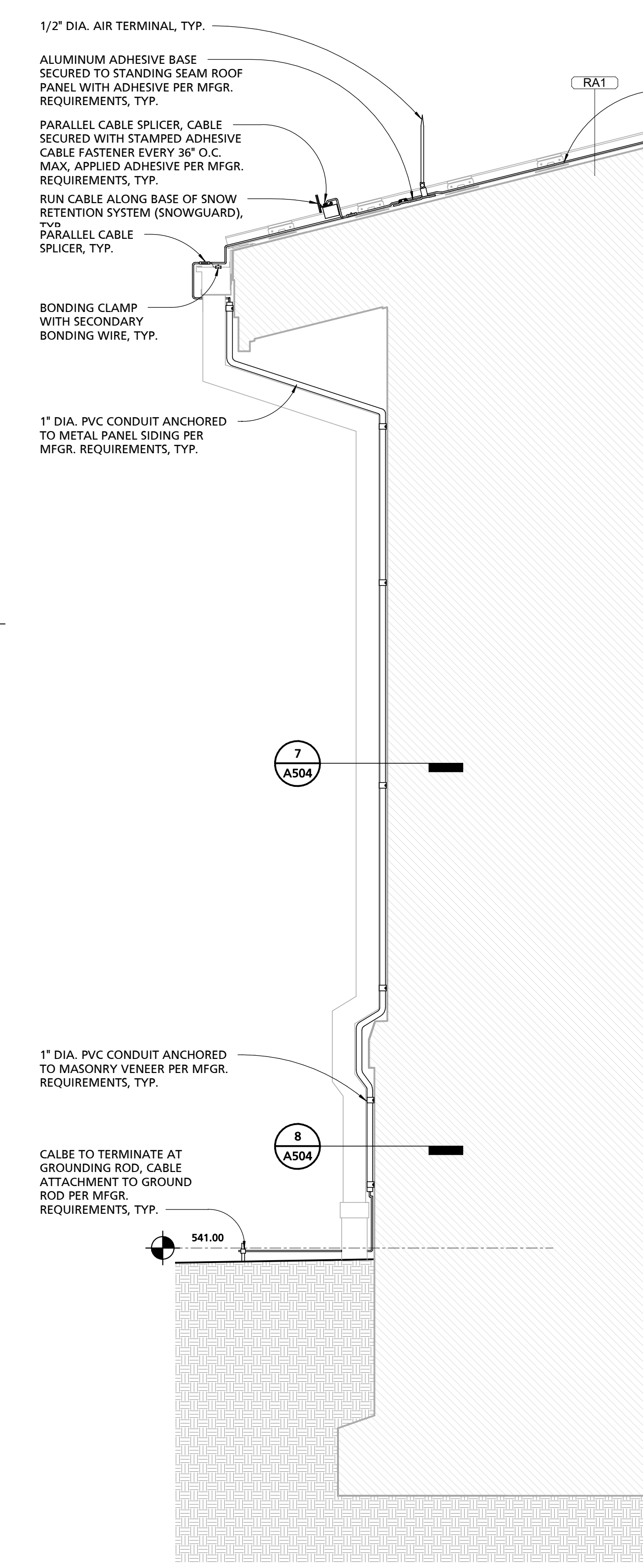
5 TYPICAL LIGHTNING AIR TERMINAL DETAIL AT ROOF EAVE
1 1/2" = 1'-0"



7 TYPICAL PVC CONDUIT DETAIL AT CORRUGATED METAL PANEL
3" = 1'-0"



8 TYPICAL PVC CONDUIT DETAIL AT MASONRY VENEER
3" = 1'-0"



6 TYPICAL LIGHTNING PROTECTION SECTION DETAIL
3/4" = 1'-0"

SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: BR406511 EXPIRATION DATE: 6-30-2023

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CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

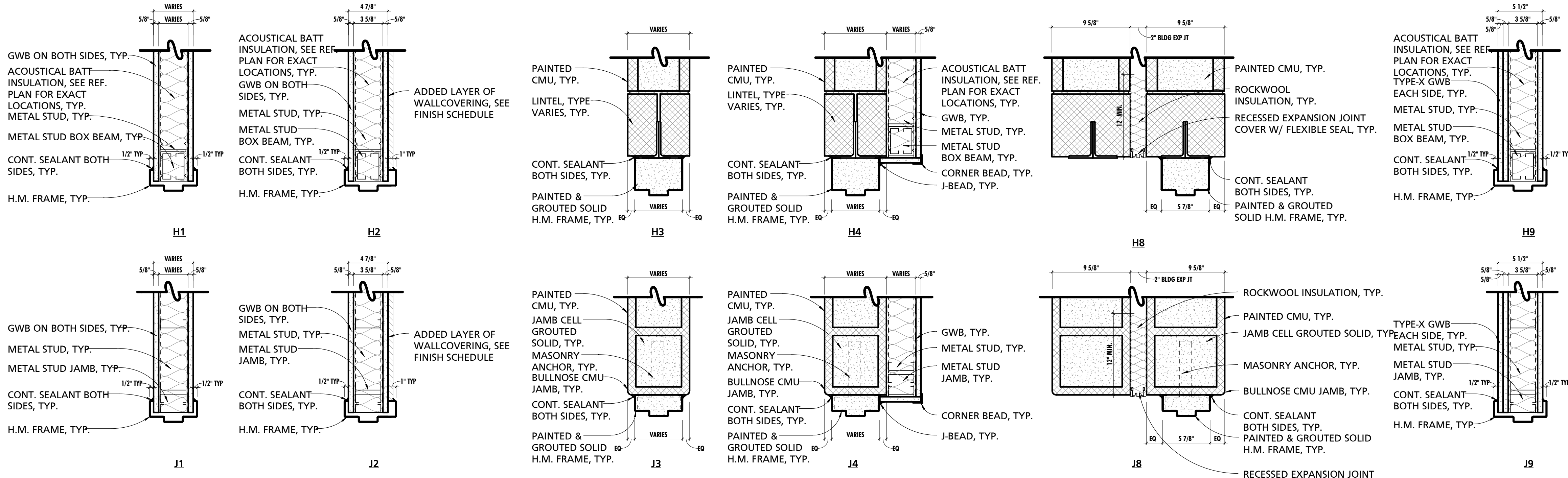
NO.	DESCRIPTION	DATE
1	Addendum 1	12/21/23

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

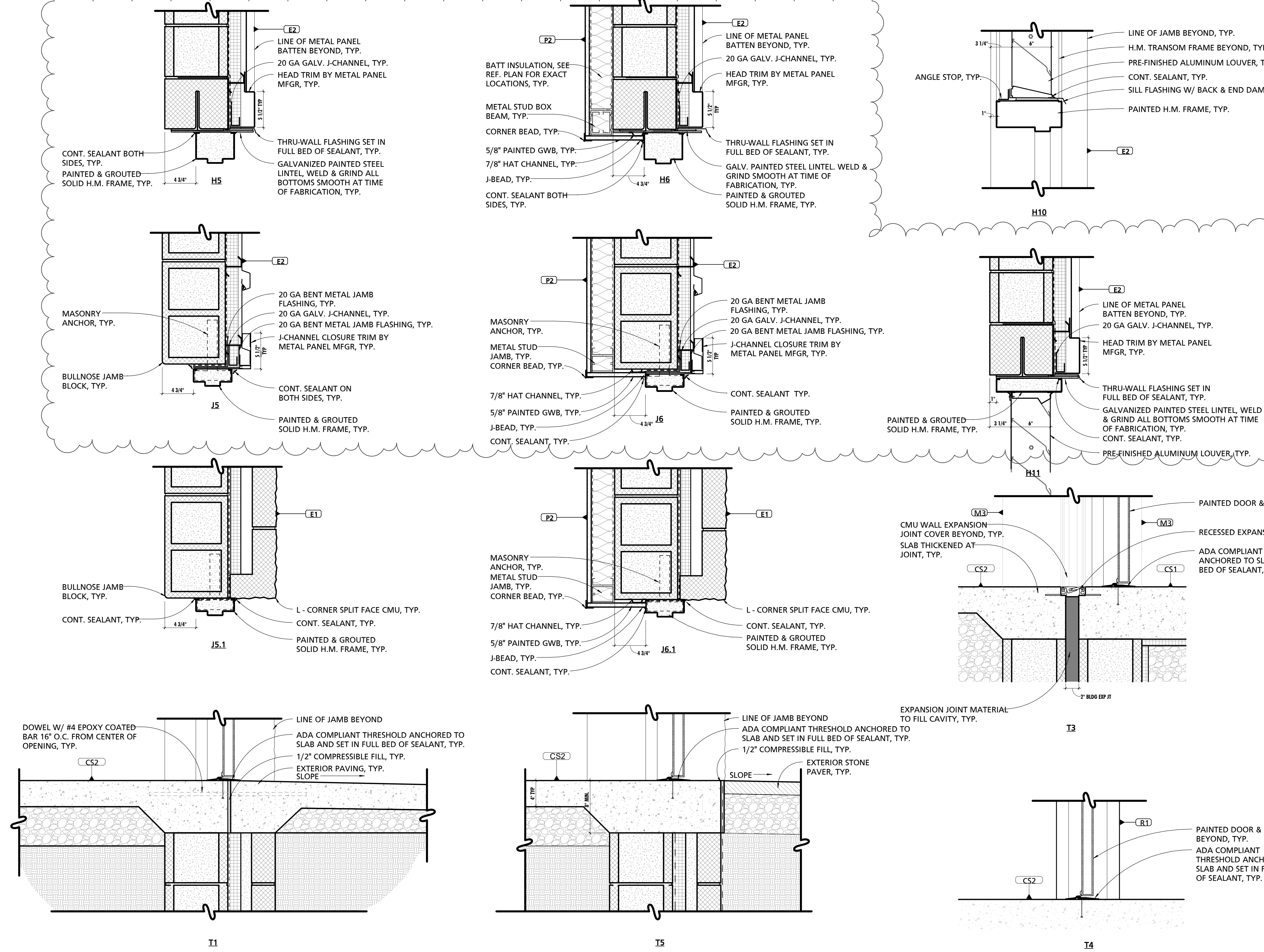
DRAWING TITLE:
EXTERIOR & INTERIOR
DOOR DETAILS

SHEET NUMBER:
A601

12/20/2023 11:34:59 AM



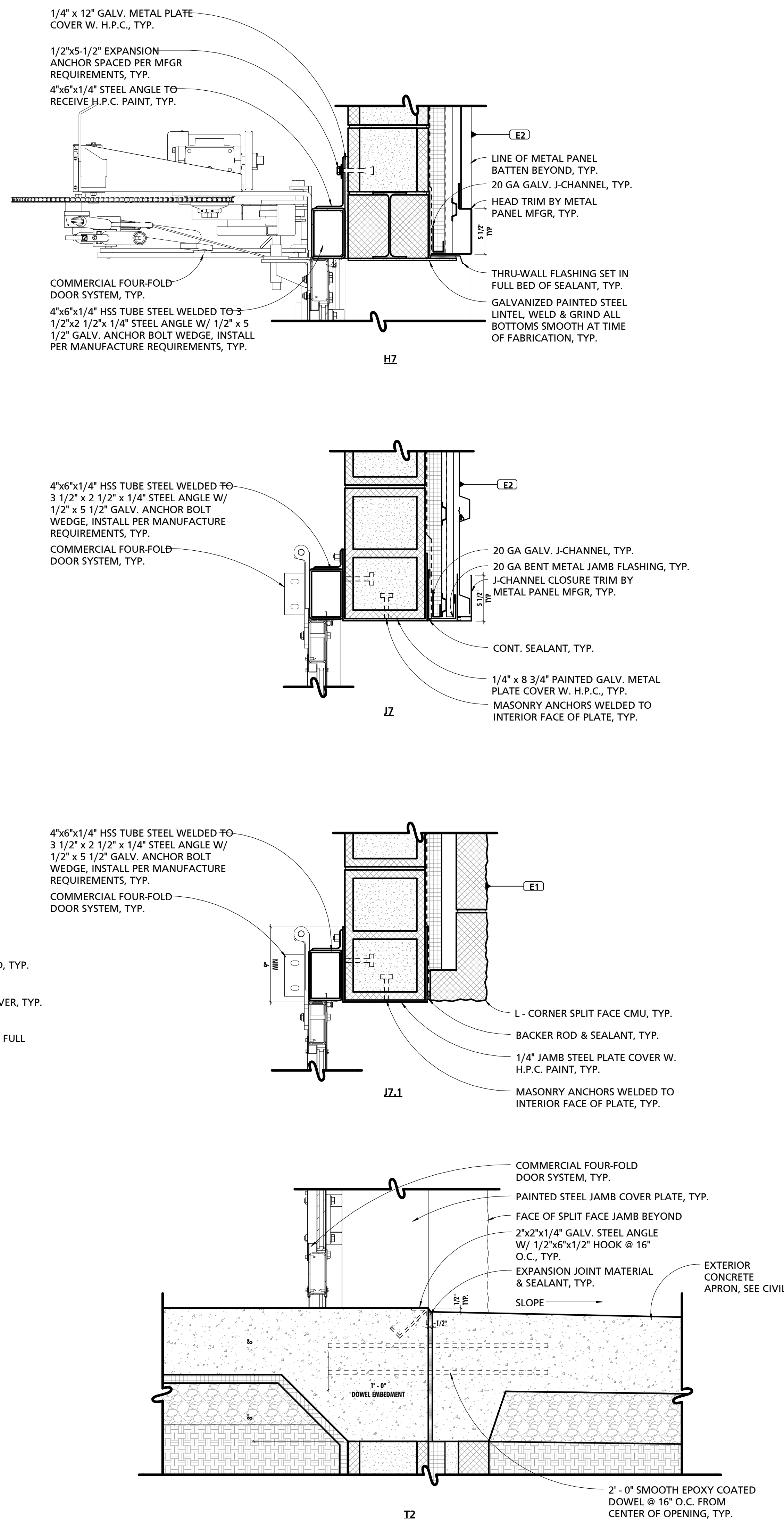
1 INTERIOR DOOR DETAILS
1 1/2" = 1'-0"



2 EXTERIOR DOOR HEAD, JAMB, & SILL DETAILS
1 1/2" = 1'-0"

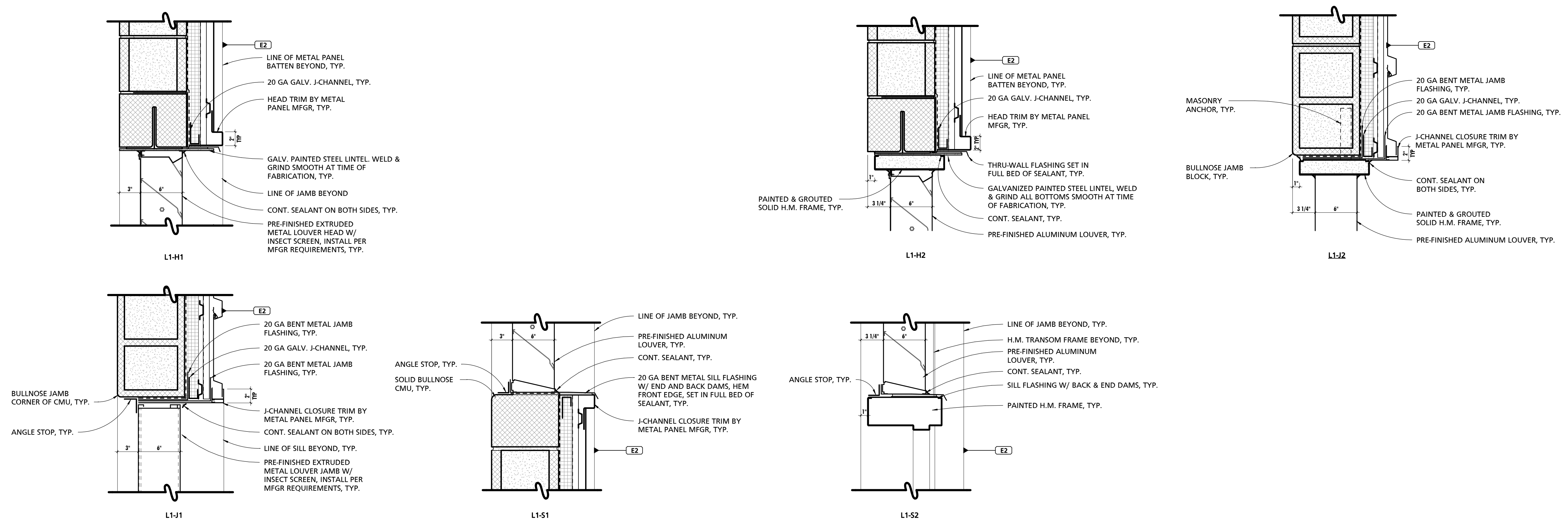
3 INTERIOR DOOR THRESHOLD DETAIL
1 1/2" = 1'-0"

4 FOUR-FOLD DOOR HEAD, JAMB, & SILL DETAILS
1 1/2" = 1'-0"

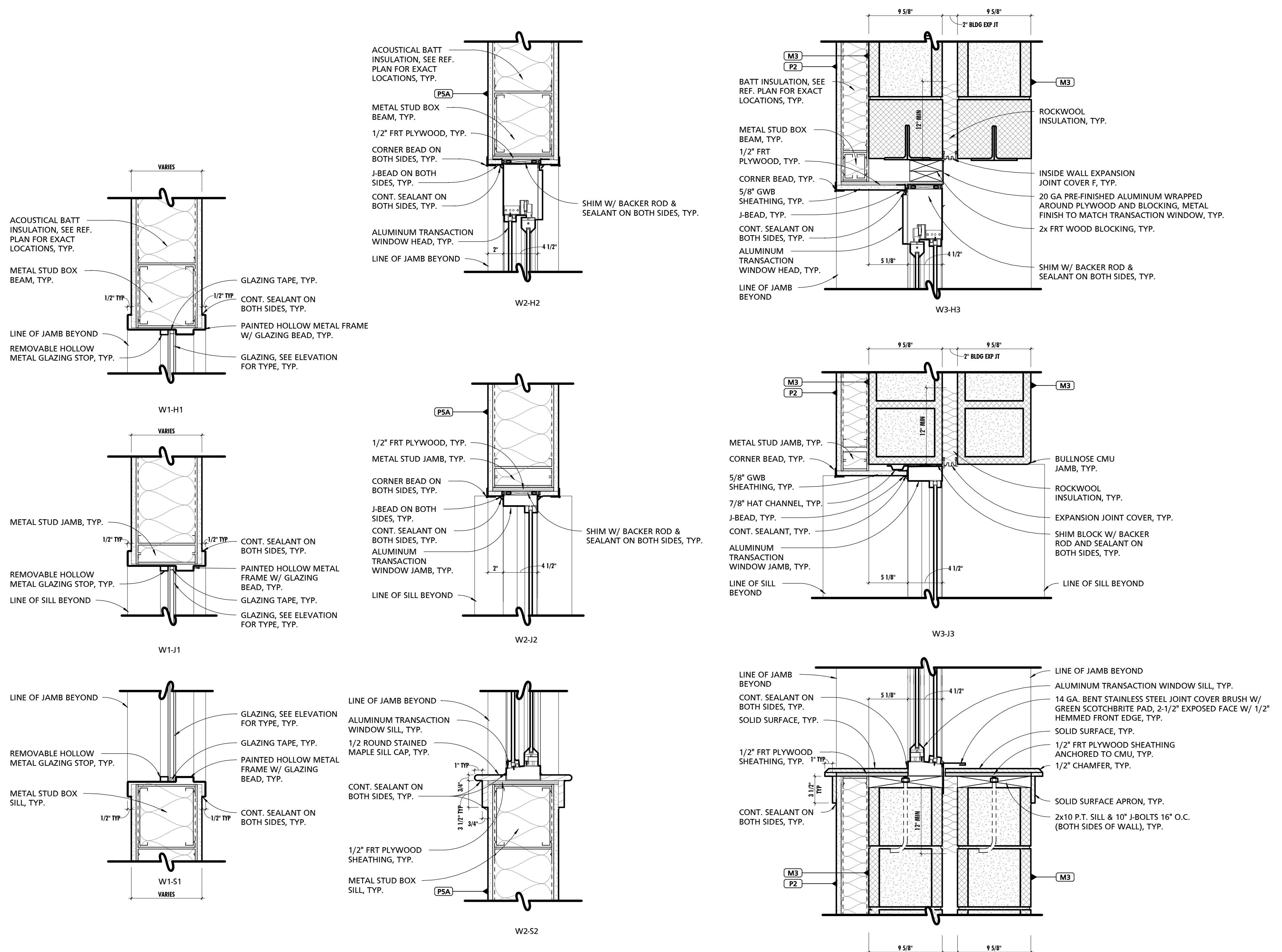


SEAL:
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1 LOUVER HEAD, JAMB, & SILL DETAILS
 1 1/2" = 1'-0"



2 INTERIOR WINDOW HEAD, JAMB, & SILL DETAILS
 1 1/2" = 1'-0"

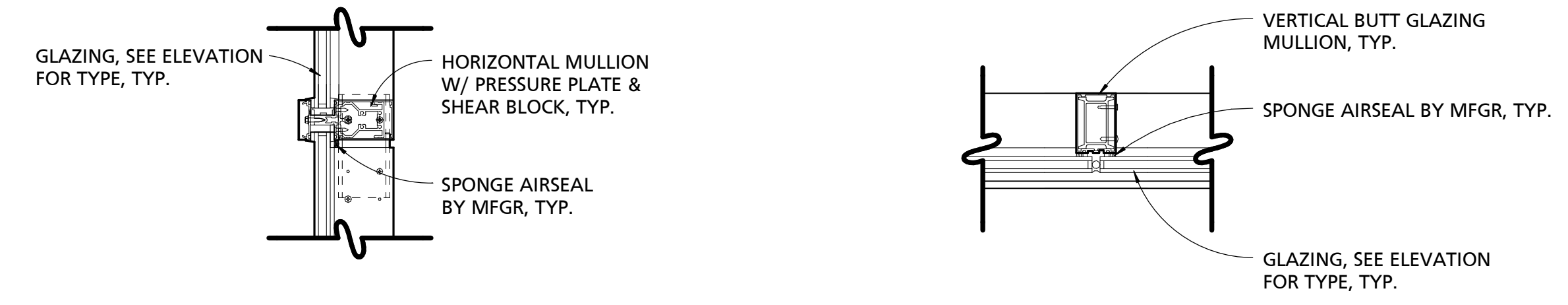
CUMRU FIRE DEPARTMENT
 1775 WELSH ROAD
 MOHNTON, PA 19540

NO.	DESCRIPTION	DATE
PROJECT NUMBER:	18-036	
PROJECT SET:	BID SET	
DATE ISSUED:	11/30/2023	
DRAWING TITLE:	EXTERIOR & INTERIOR WINDOW DETAILS	
SHEET NUMBER:	A602	

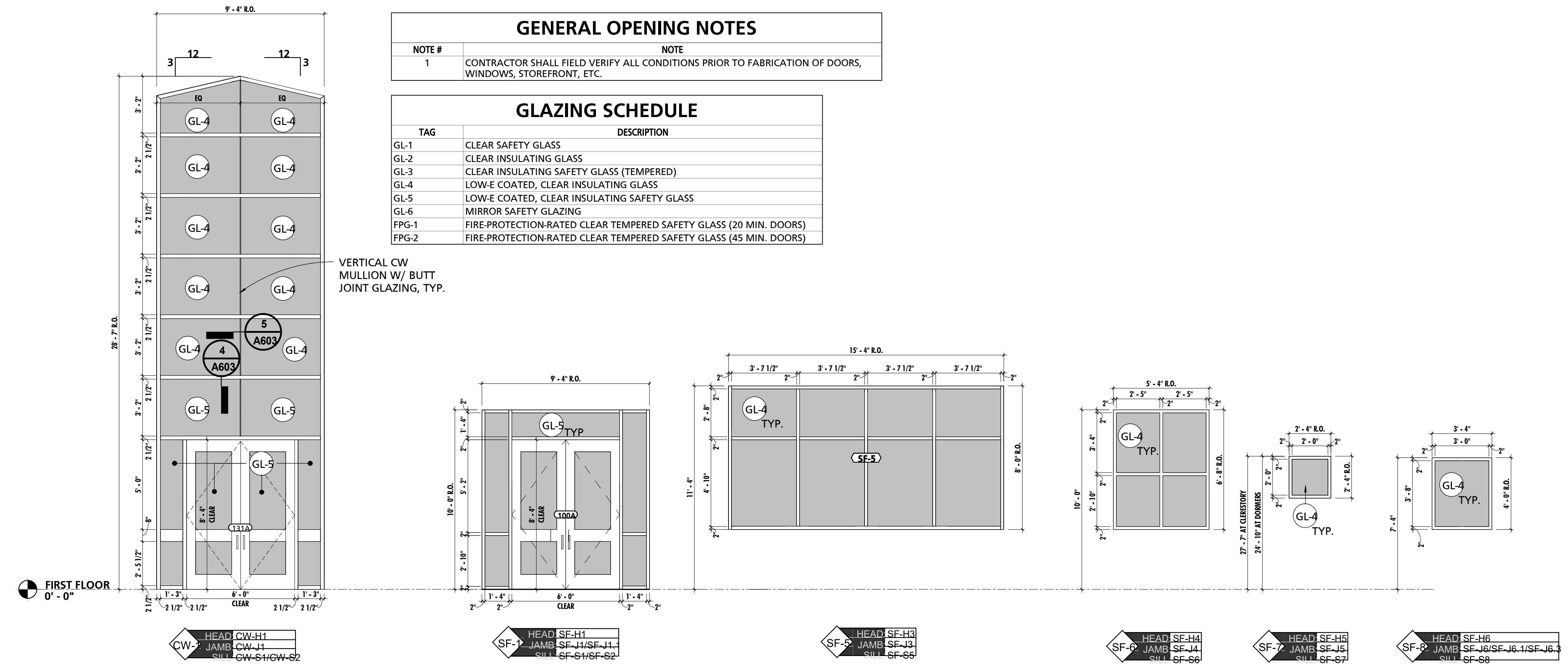
11/29/2023 11:43:00 AM

GENERAL OPENING NOTES	
NOTE #	NOTE
1	CONTRACTOR SHALL FIELD VERIFY ALL CONDITIONS PRIOR TO FABRICATION OF DOORS, WINDOWS, STOREFRONT, ETC.

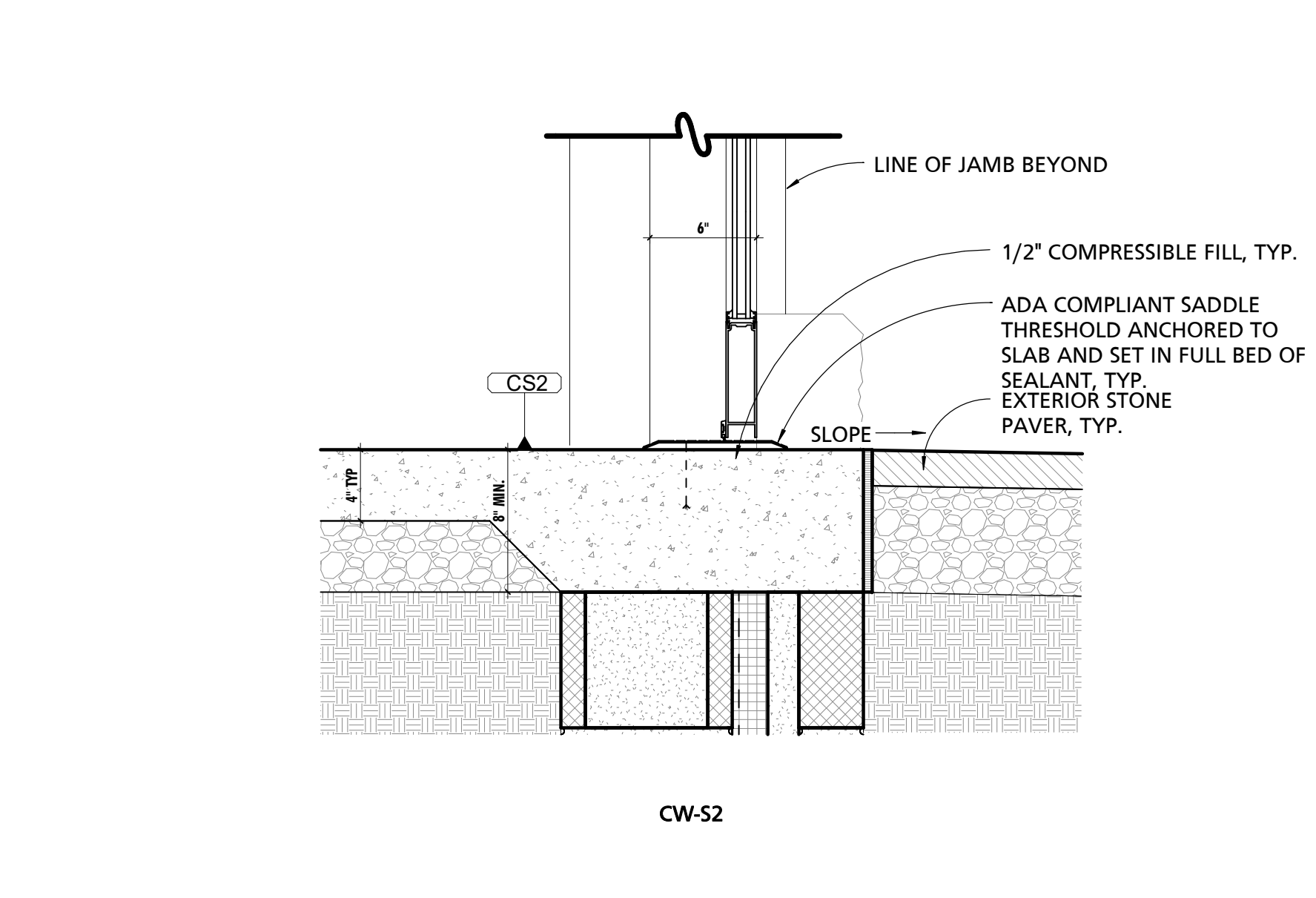
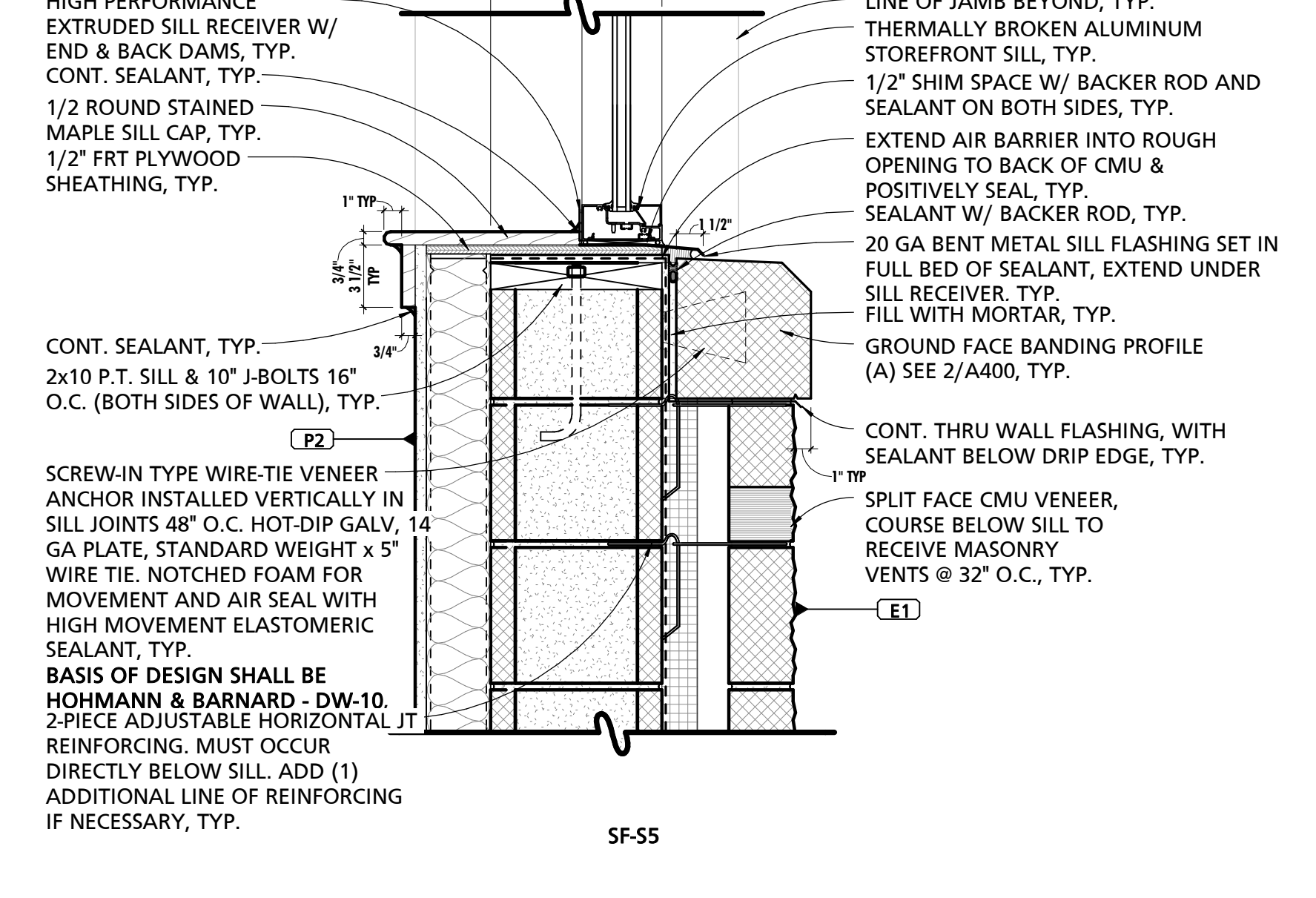
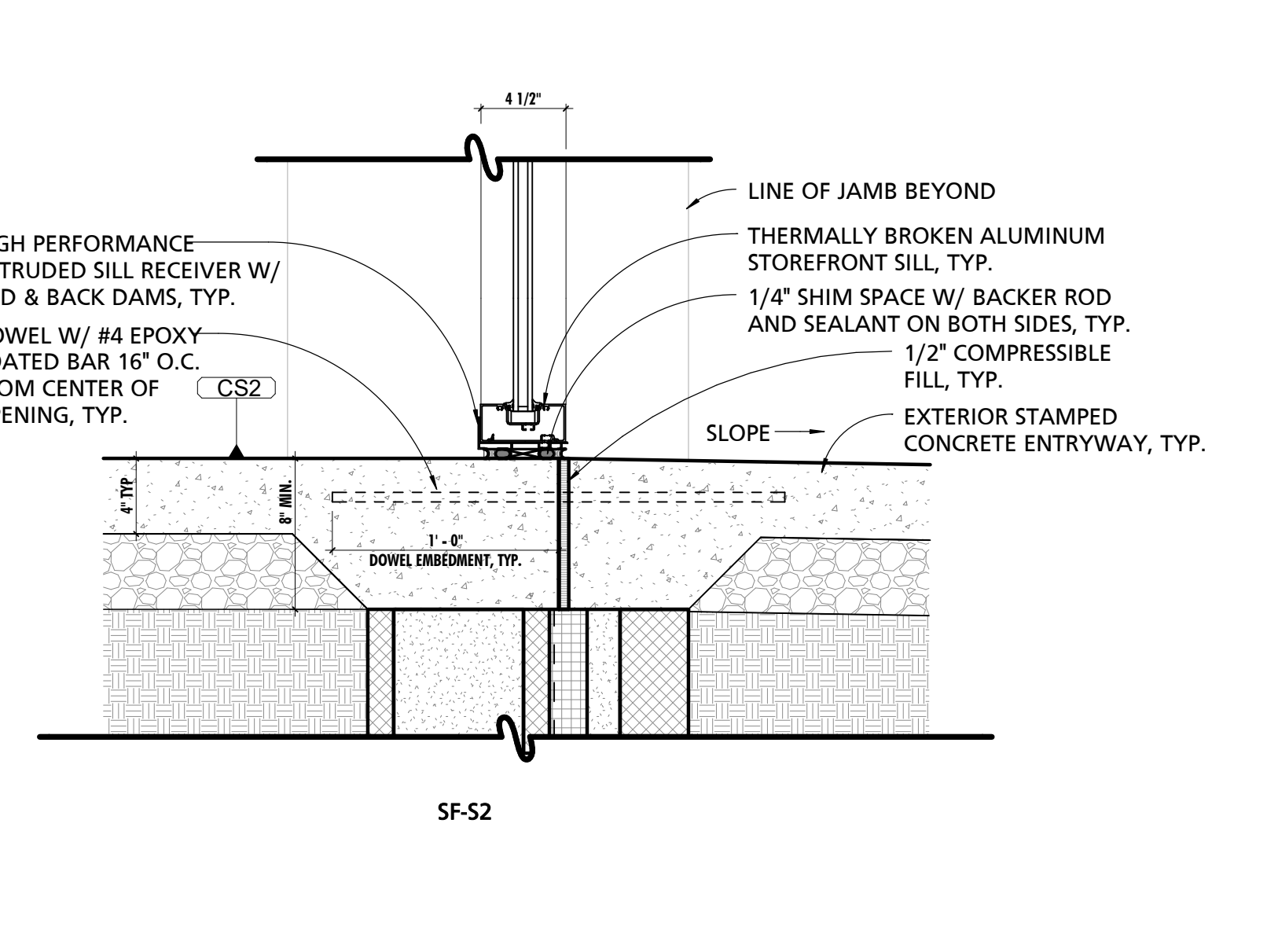
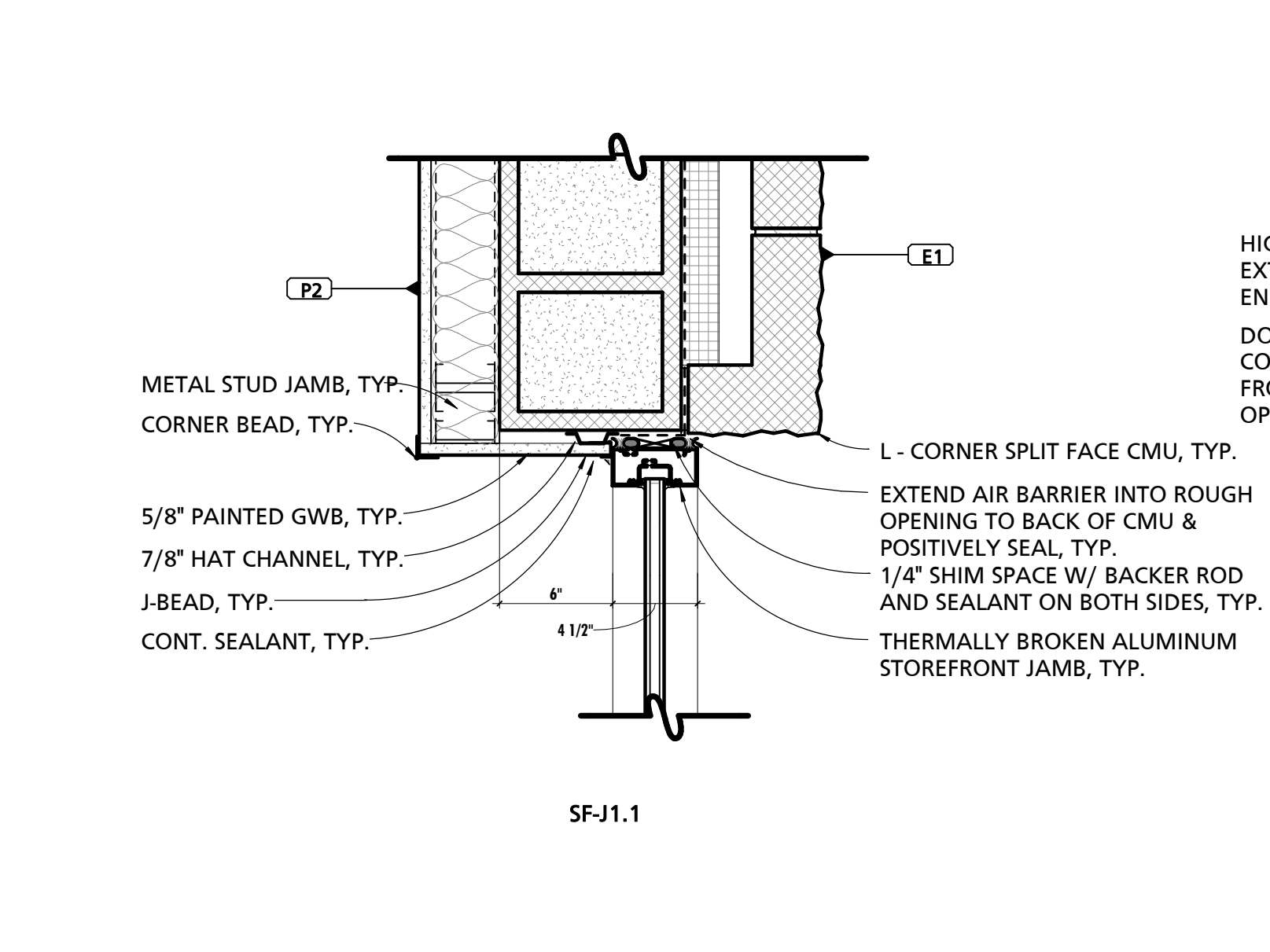
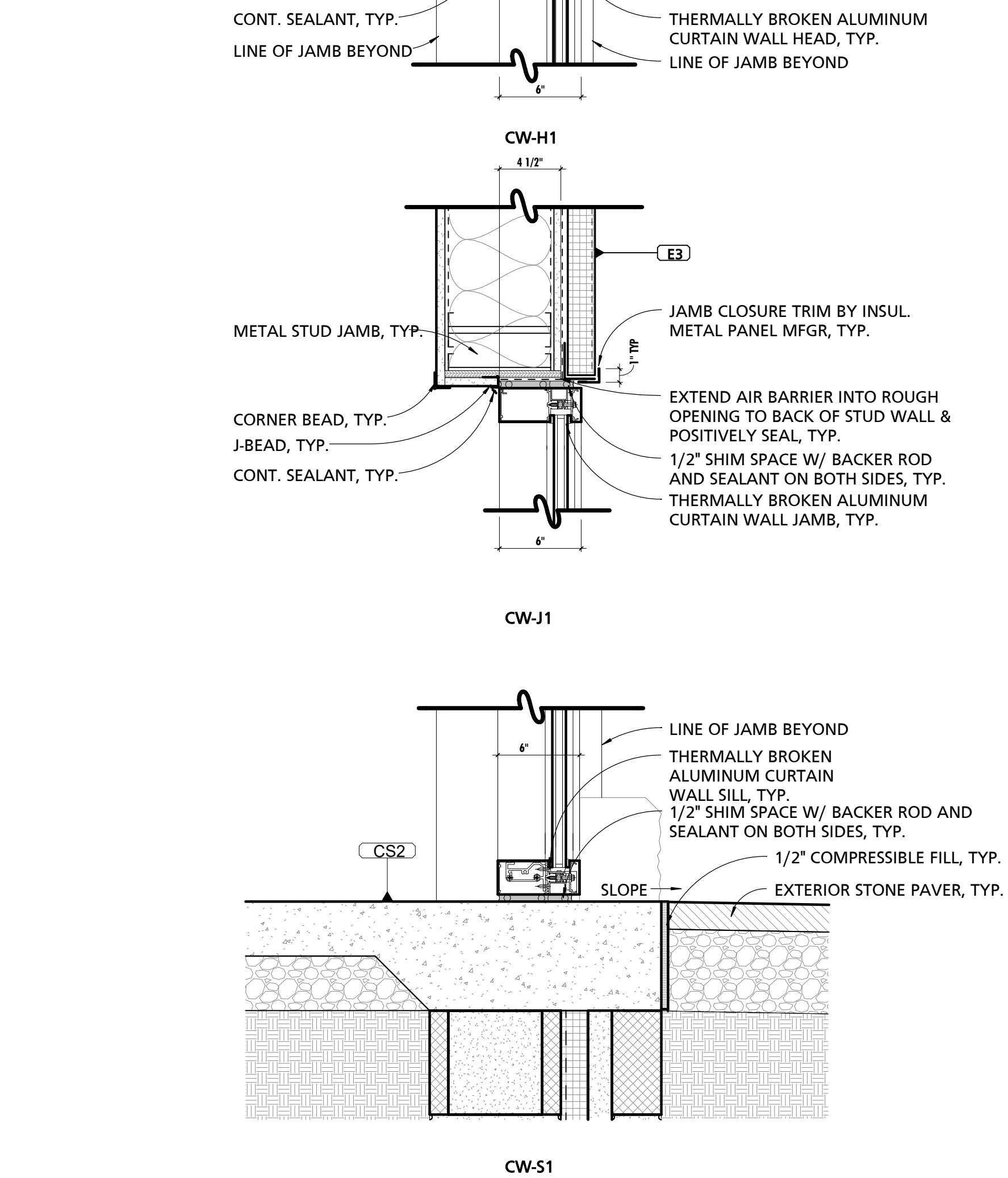
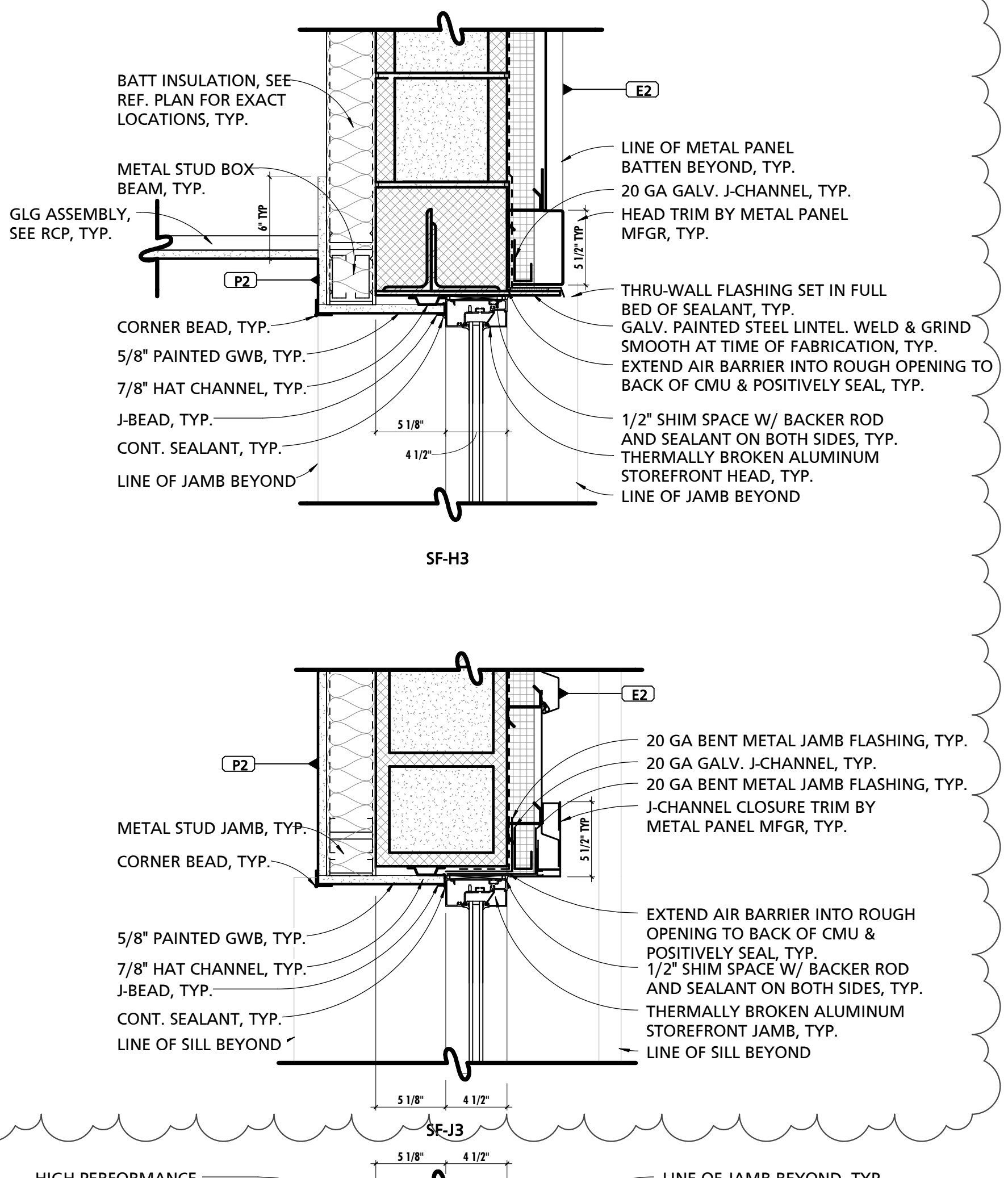
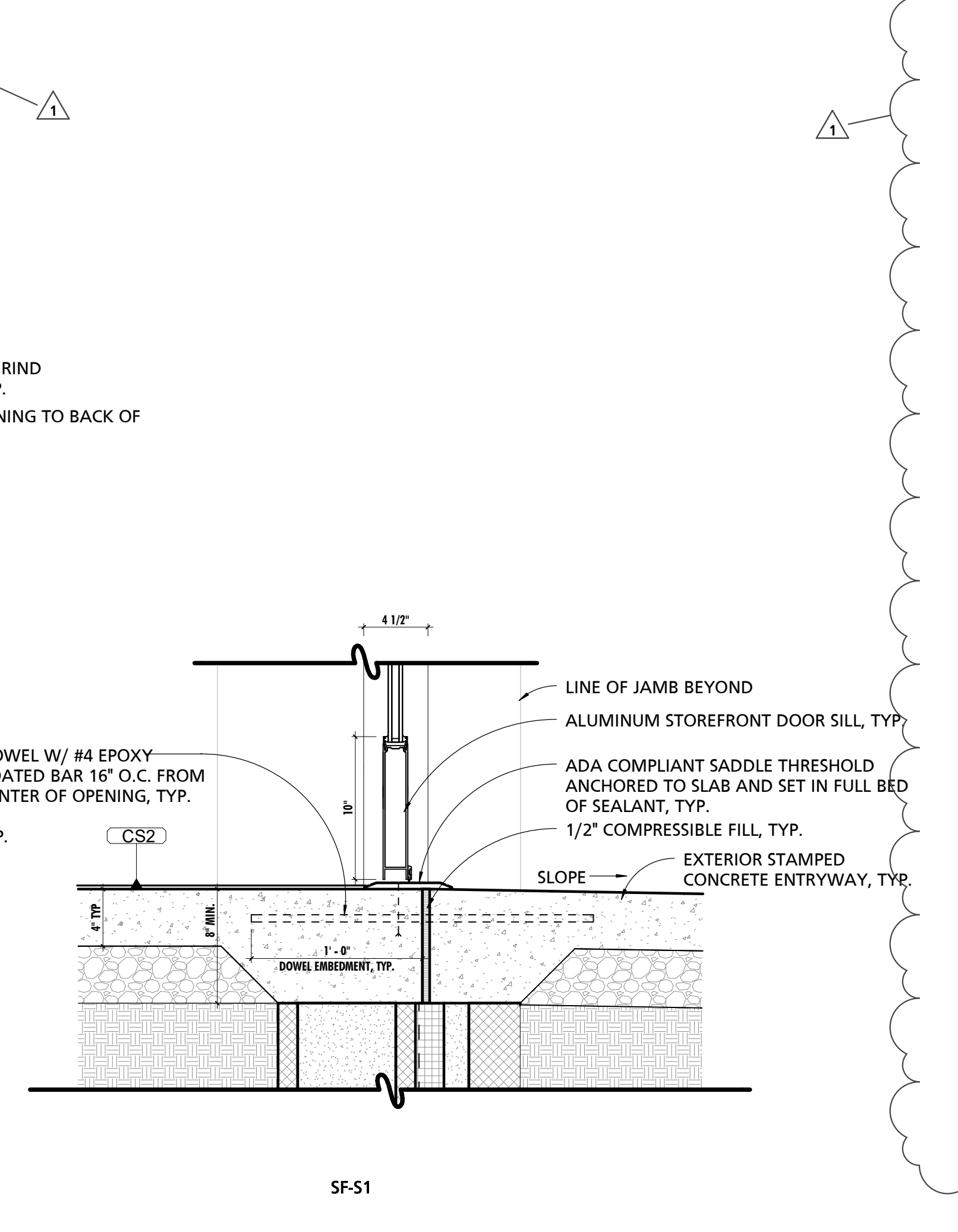
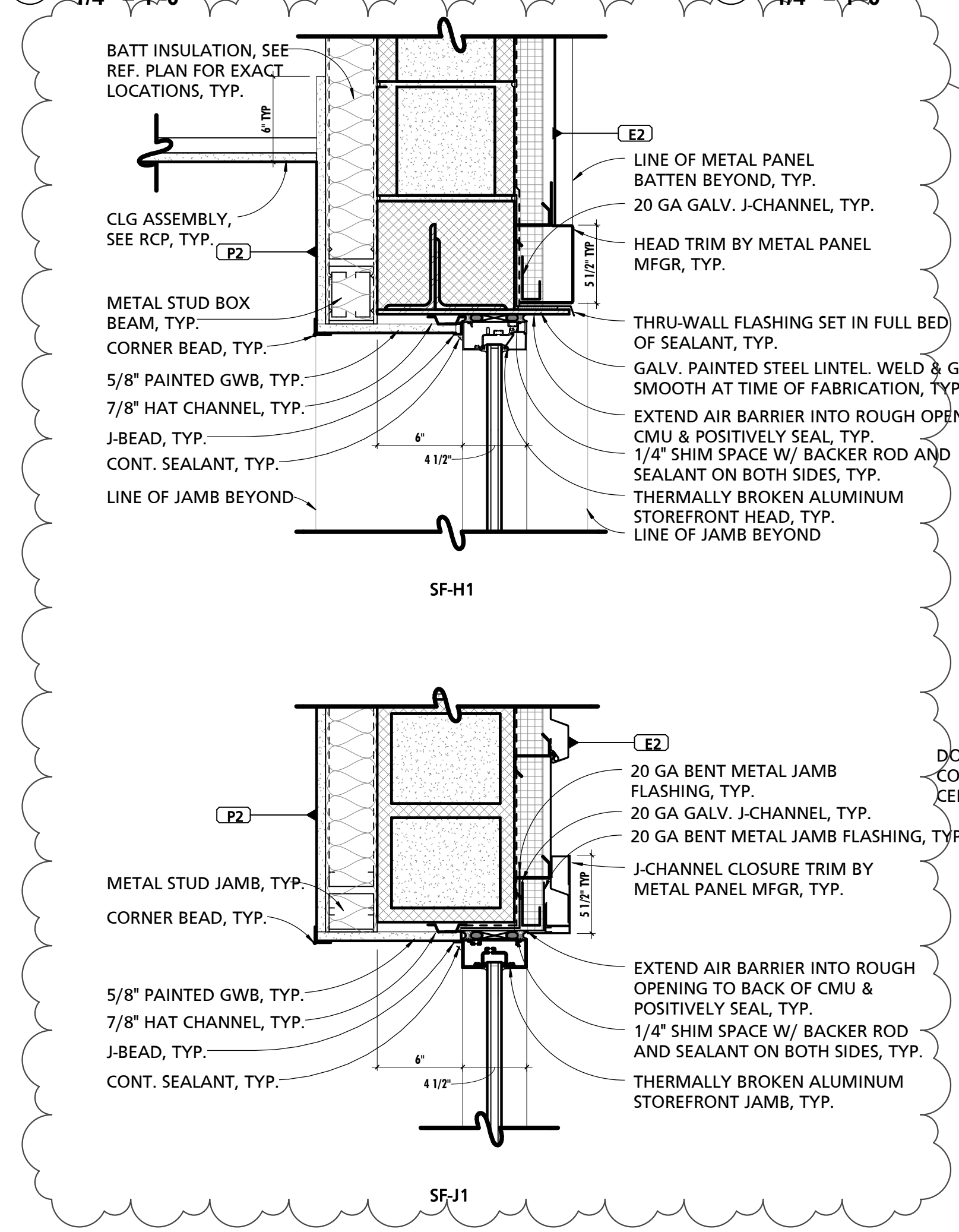
GLAZING SCHEDULE	
TAG	DESCRIPTION
GL-1	CLEAR SAFETY GLASS
GL-2	CLEAR INSULATING GLASS
GL-3	CLEAR INSULATING SAFETY GLASS (TEMPERED)
GL-4	LOW-E COATED, CLEAR INSULATING GLASS
GL-5	LOW-E COATED, CLEAR INSULATING SAFETY GLASS
GL-6	MIRROR SAFETY GLAZING
FPG-1	FIRE-PROTECTION-RATED CLEAR TEMPERED SAFETY GLASS (20 MIN. DOORS)
FPG-2	FIRE-PROTECTION-RATED CLEAR TEMPERED SAFETY GLASS (45 MIN. DOORS)



4 CURTAIN WALL HORIZONTAL MULLION 1 1/2" = 1'-0"
5 CURTAIN WALL VERTICAL BUTT JOINT MULLION 1 1/2" = 1'-0"



1 EXTERIOR CURTAIN WALL ELEVATIONS 1/4" = 1'-0"
2 EXTERIOR STOREFRONT ELEVATIONS 1/4" = 1'-0"



3 EXTERIOR STOREFRONT HEAD, JAMB, & SILL DETAILS 1 1/2" = 1'-0"

6 EXTERIOR CURTAIN WALL HEAD, JAMB, & SILL DETAILS 1 1/2" = 1'-0"

SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: BR406311 EXPIRATION DATE: 6-30-2023

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CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

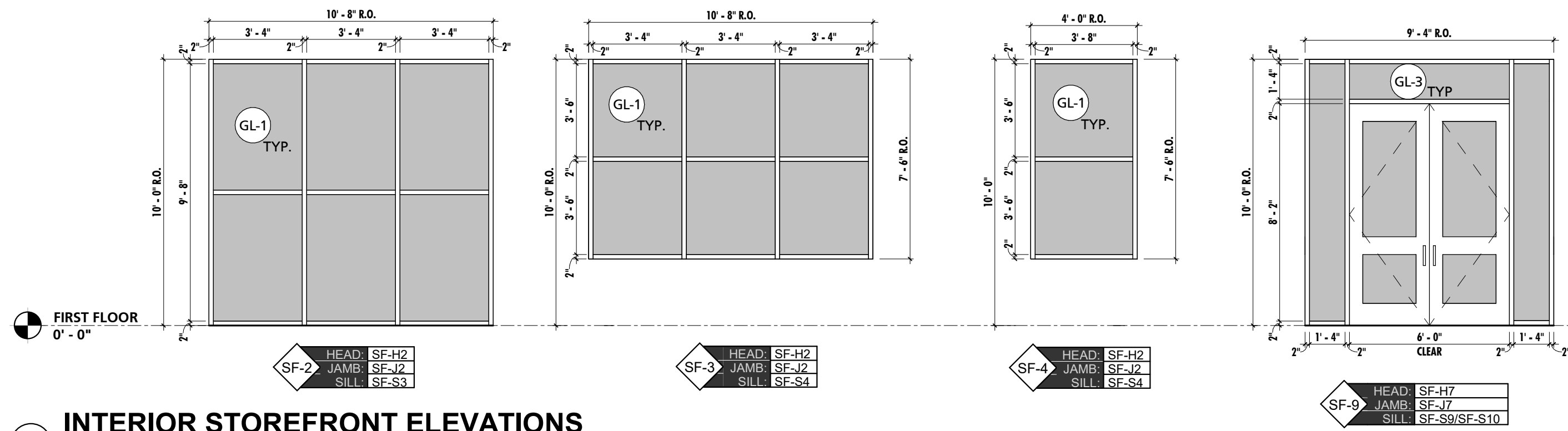
NO.	DESCRIPTION	DATE
1	Addendum 1	12/21/23

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

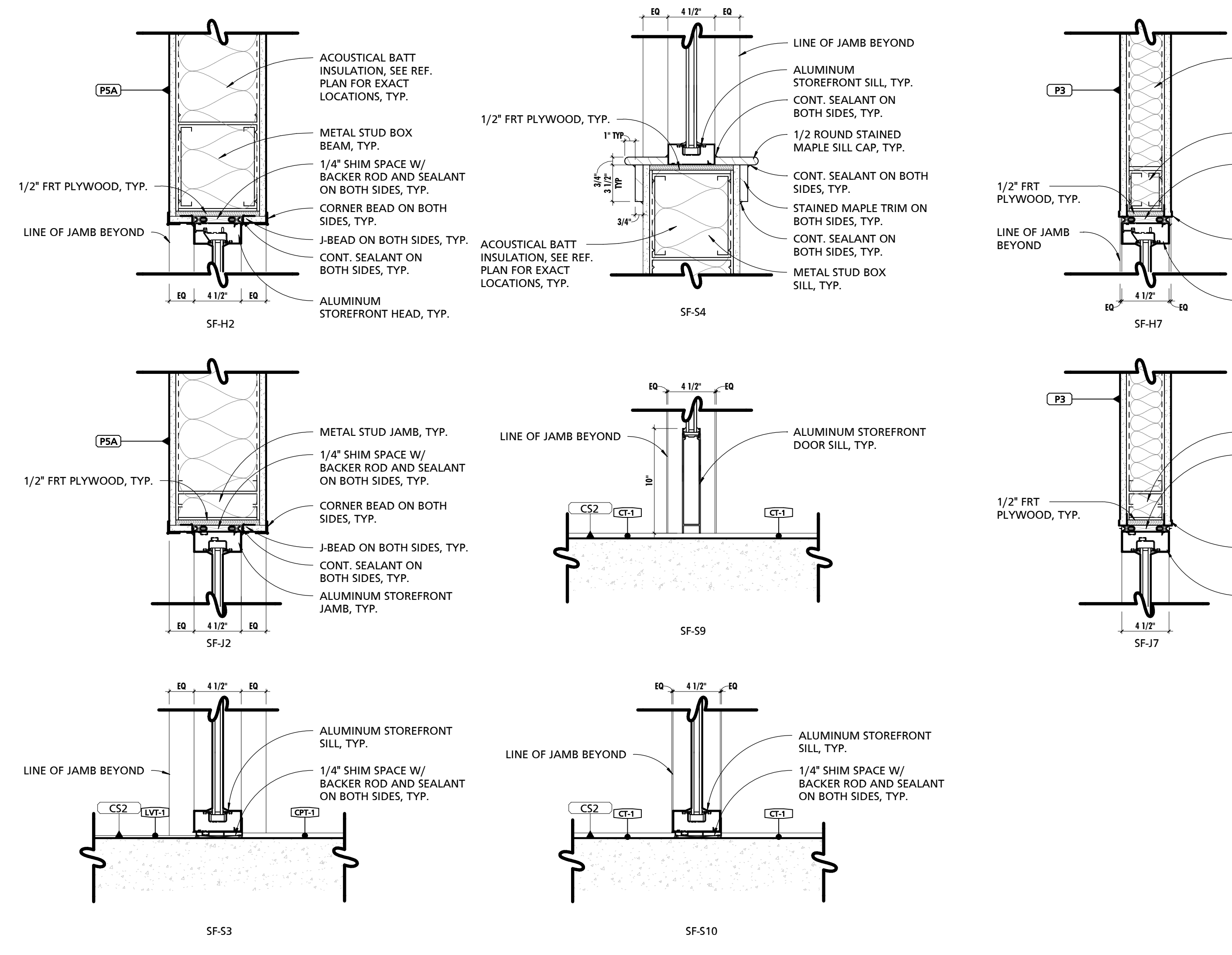
DRAWING TITLE:
EXTERIOR STOREFRONT
ELEVATIONS & DETAILS

SHEET NUMBER:
A603

TAG	DESCRIPTION
GL-1	CLEAR SAFETY GLASS
GL-2	CLEAR INSULATING GLASS
GL-3	CLEAR INSULATING SAFETY GLASS (TEMPERED)
GL-4	LOW-E COATED, CLEAR INSULATING GLASS
GL-5	LOW-E COATED, CLEAR INSULATING SAFETY GLASS
GL-6	MIRROR SAFETY GLAZING
FPG-1	FIRE-PROTECTION RATED CLEAR TEMPERED SAFETY GLASS (20 MIN. DOORS)
FPG-2	FIRE-PROTECTION RATED CLEAR TEMPERED SAFETY GLASS (45 MIN. DOORS)



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



3 EXTERIOR STOREFRONT HEAD, JAMB, & SILL DETAILS
1/2" = 1'-0"



SEAL: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #04405311 EXPIRATION DATE: 6/30/2023

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CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

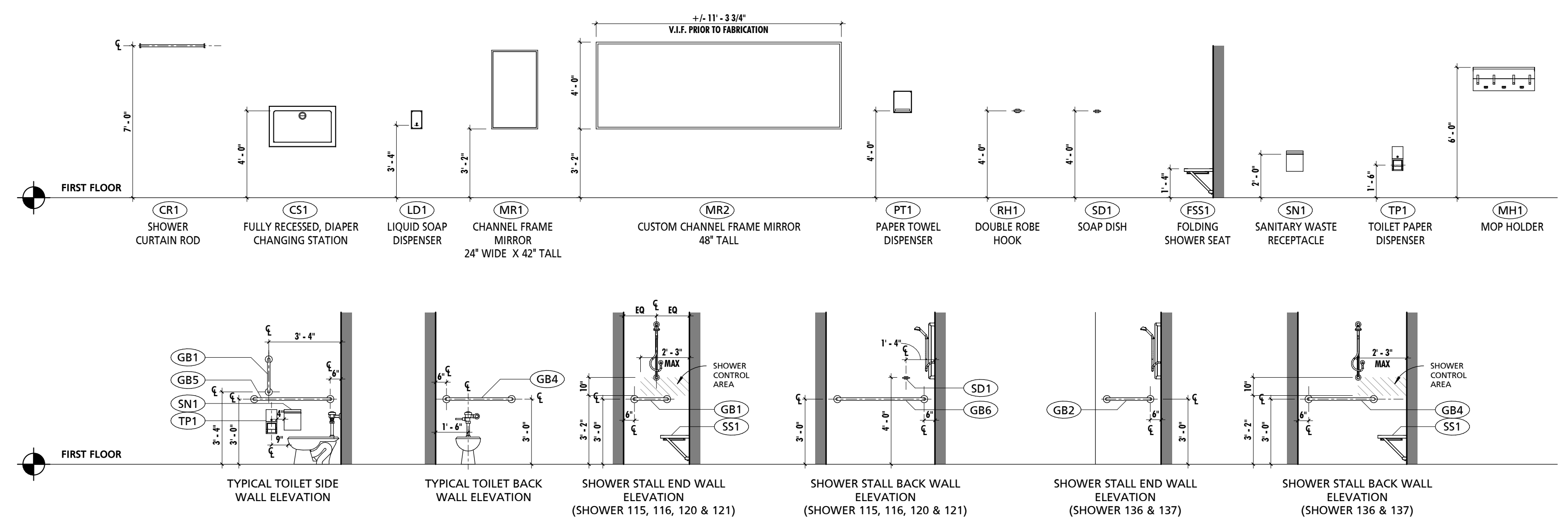
NO.	DESCRIPTION	DATE

PROJECT NUMBER: 18-036
PROJECT SET: BID SET
DATE ISSUED: 11/30/2023
DRAWING TITLE: EXT. & INT. STOREFRONT ELEVATIONS & DETAILS
SHEET NUMBER: A604

SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #0405311 EXPIRATION DATE: 6/30/2023

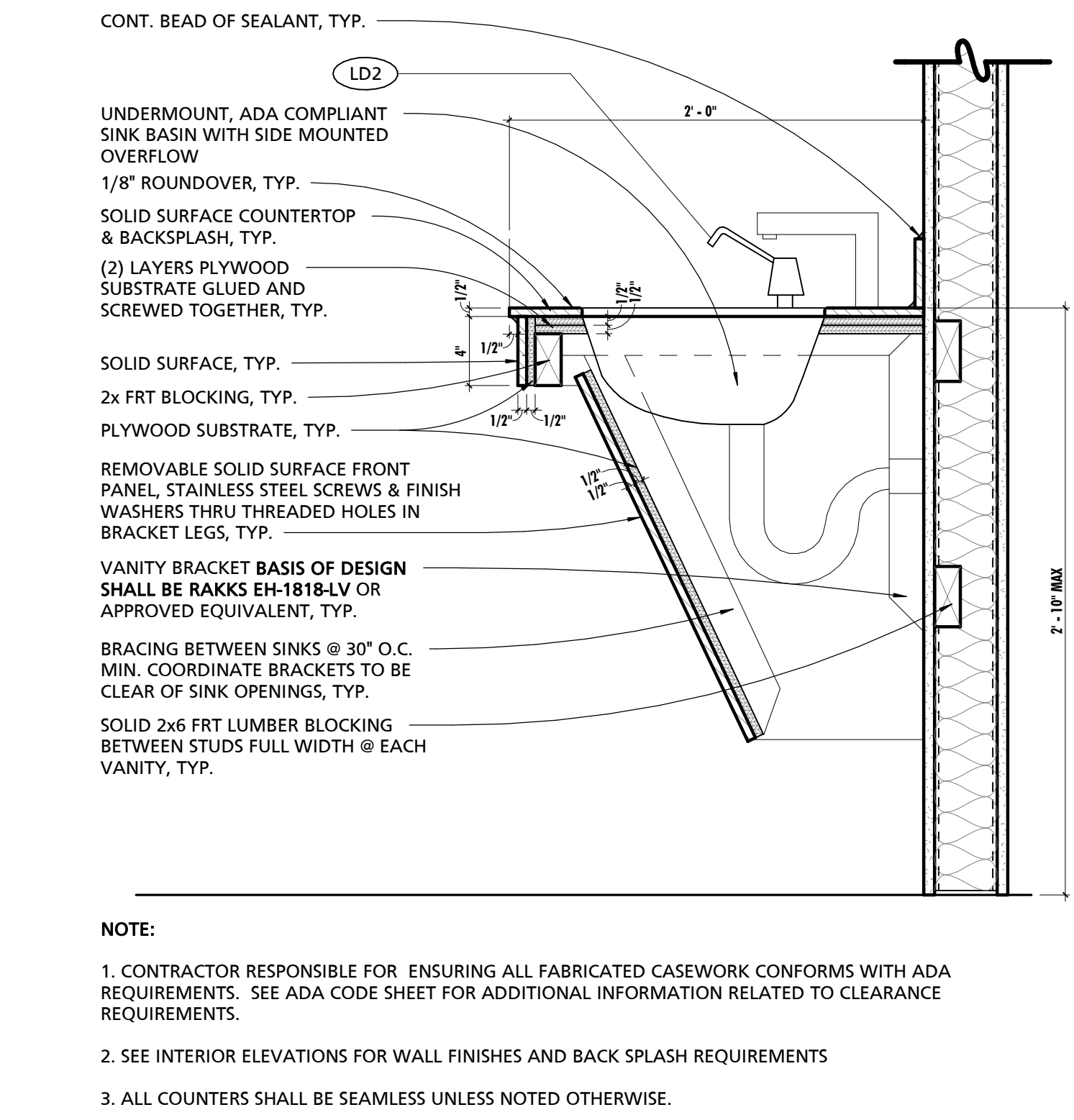
THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ACCORDANCE WITH THE CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, DRAWINGS & SPECIFICATIONS, ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	COMMENTS
CR1	HEAVY DUTY SHOWER CURTAIN ROD	AMERICAN SPECIALTIES	1214/1200-SHU	<varies>
CS1	RECESSED DIAPER CHANGING STATION	AMERICAN SPECIALTIES	9013	
DT51	DOUBLE TOWEL RACK W/ TOP SHELF	AMERICAN SPECIALTIES	7311-24	
E7	BLACKOUT ROLLER SHADE	MECHO	SEE SPECIFICATIONS	BY 1a GENERAL PRIME CONTRACTOR
FS51	ADA FOLDING SHOWER SEAT	AMERICAN SPECIALTIES	8203	
GB1	18" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB2	24" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB4	36" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB5	42" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB6	48" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
LD1	SOAP DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
LD2	LAVATORY LIQUID SOAP DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
MH1	MOP & BROOM HOLDER	BOBRICK	B-239X34	
MR1	CHANNEL FRAME MIRROR - 24" WIDE X 42" TALL	AMERICAN SPECIALTIES	0620-2442	
MR2	CUSTOM CHANNEL FRAME MIRROR - 48" TALL	LANCASTER PAINT & GLASS		VERIFY MAX WIDTH IN FIELD PRIOR TO FABRICATION
PT1	WALL MOUNTED PAPER TOWEL DISPENSER	N/A	N/A	<varies>
RH1	DOUBLE ROBE HOOK	AMERICAN SPECIALTIES	7345	
SD51	SOAP DISH SHELF	AMERICAN SPECIALTIES	7380-S18	
SN1	SANITARY WASTE RECEPTACLE	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
TP1	TOILET PAPER DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED

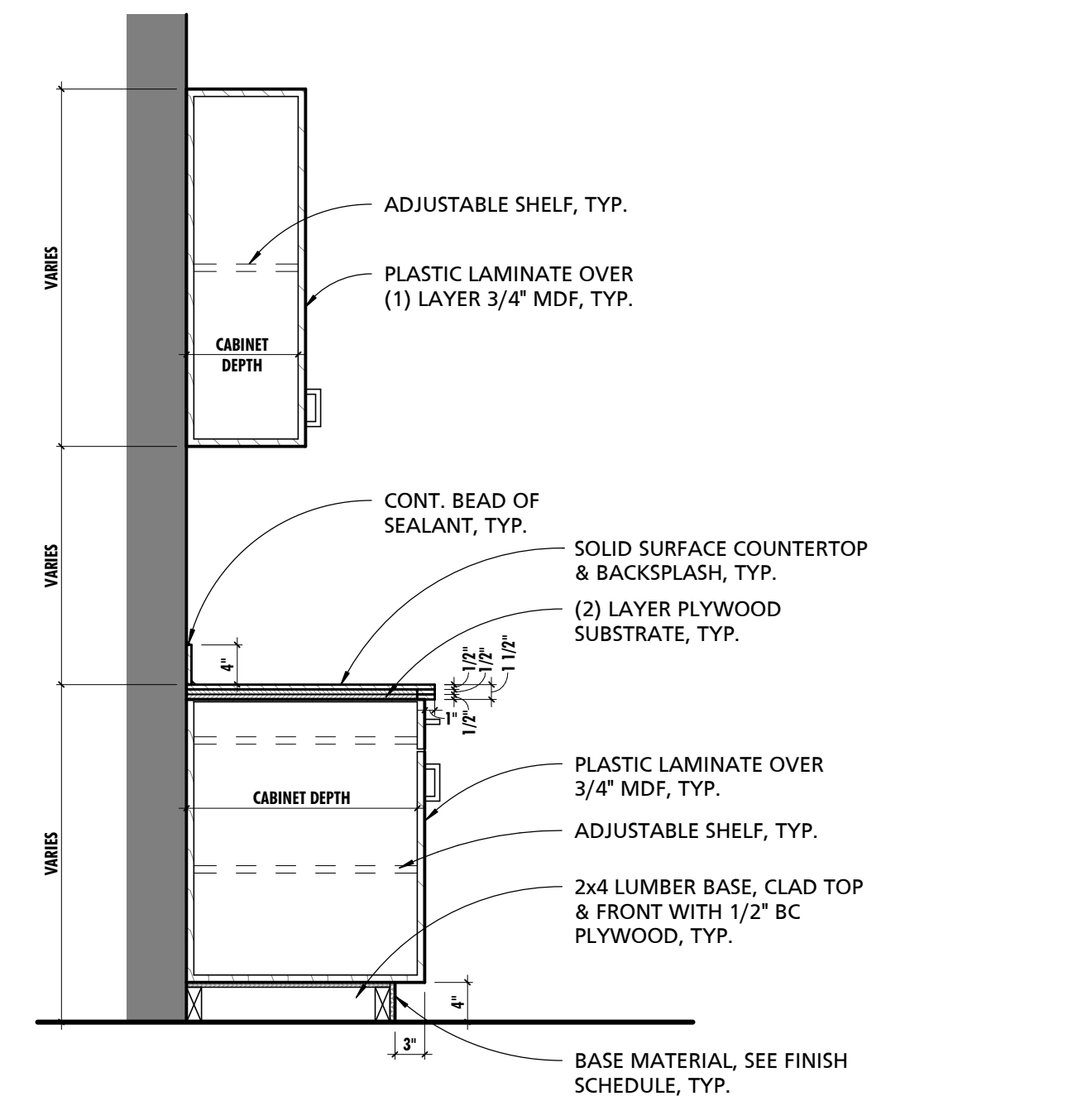


NOTES:
MOUNTING HEIGHTS & LOCATIONS APPLY TO BASIS OF DESIGN EQUIPMENT. IF FINAL SELECTED EQUIPMENT DOES NOT MATCH THE BASIS OF DESIGN, G.C. SHALL COORDINATE FINAL LOCATION OF EQUIPMENT W/ ARCHITECT PRIOR TO INSTALLATION.
ALL CONTROLS SHALL NOT EXTEND ABOVE 48" FOR FRONT APPROACH & 54" FOR SIDE APPROACH. (SEE REACH RANGE DIAGRAMS.)

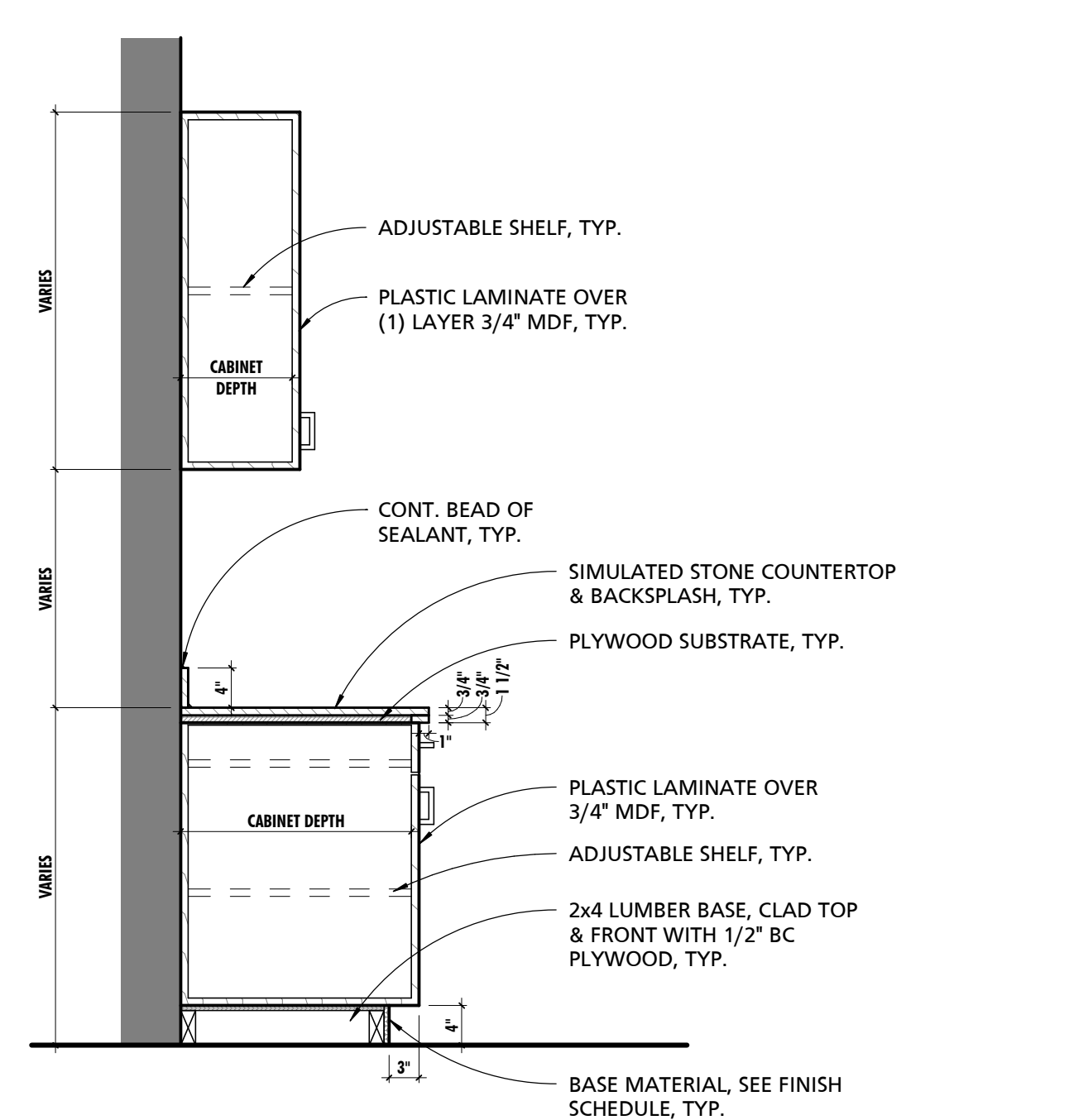
TYPICAL TOILET & SHOWER STALL ACCESSORY MOUNTING HEIGHTS & LOCATIONS
1/4" = 1'-0"



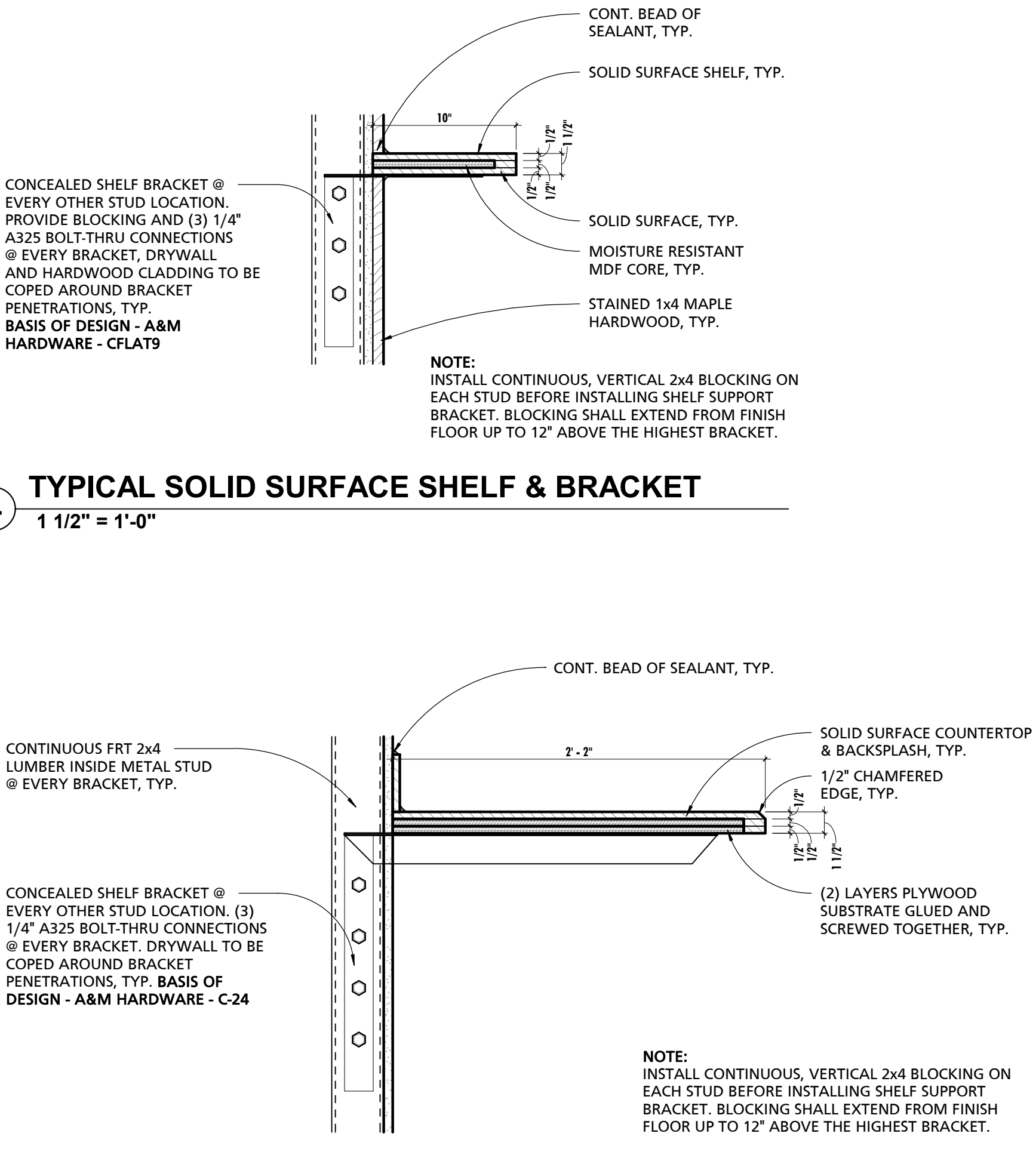
1 TYPICAL VANITY UNDERMOUNT SINK DETAIL
1 1/2" = 1'-0"



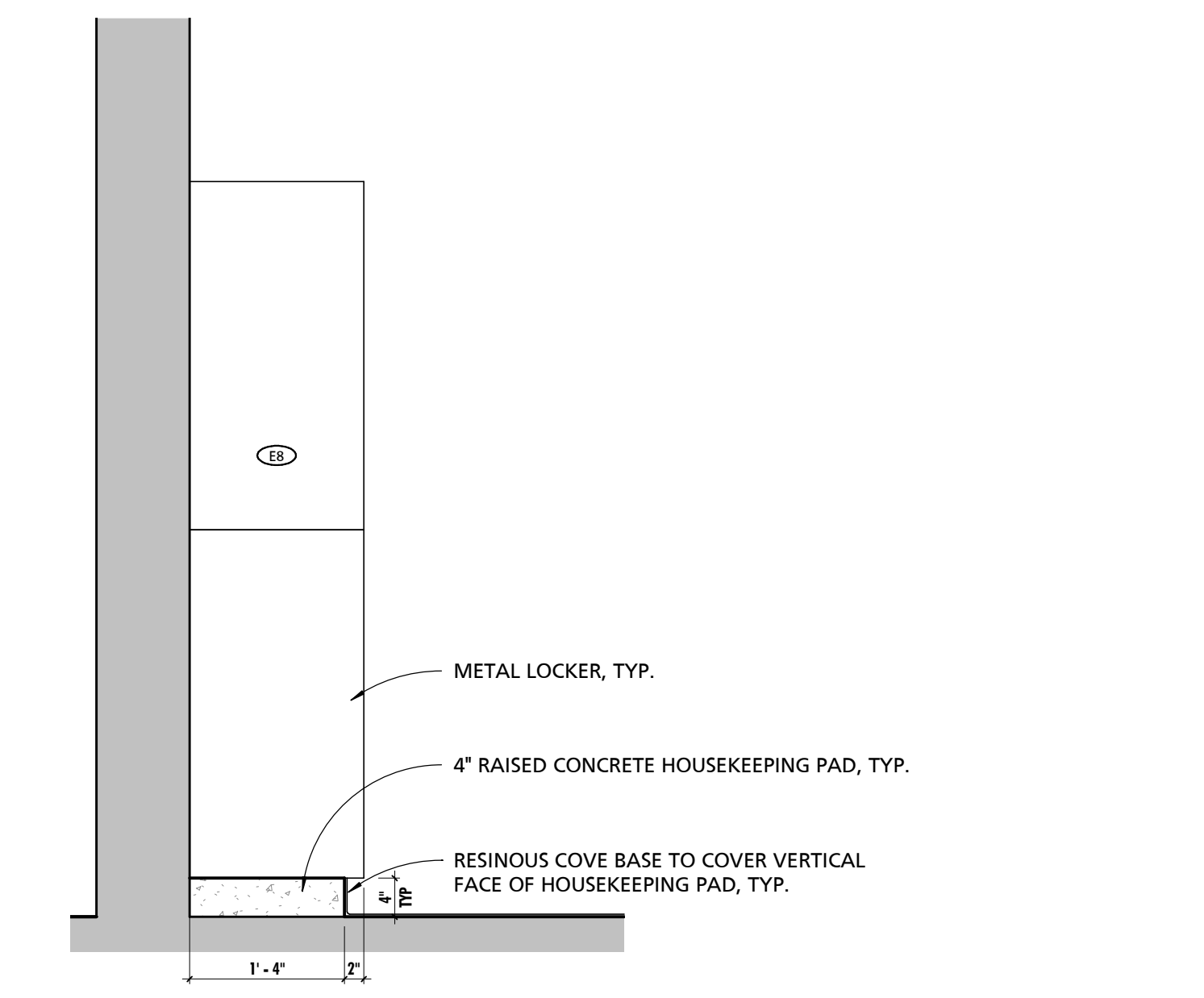
2 TYP SOLID SURFACE COUNTERTOP & CASEWORK
3/4" = 1'-0"



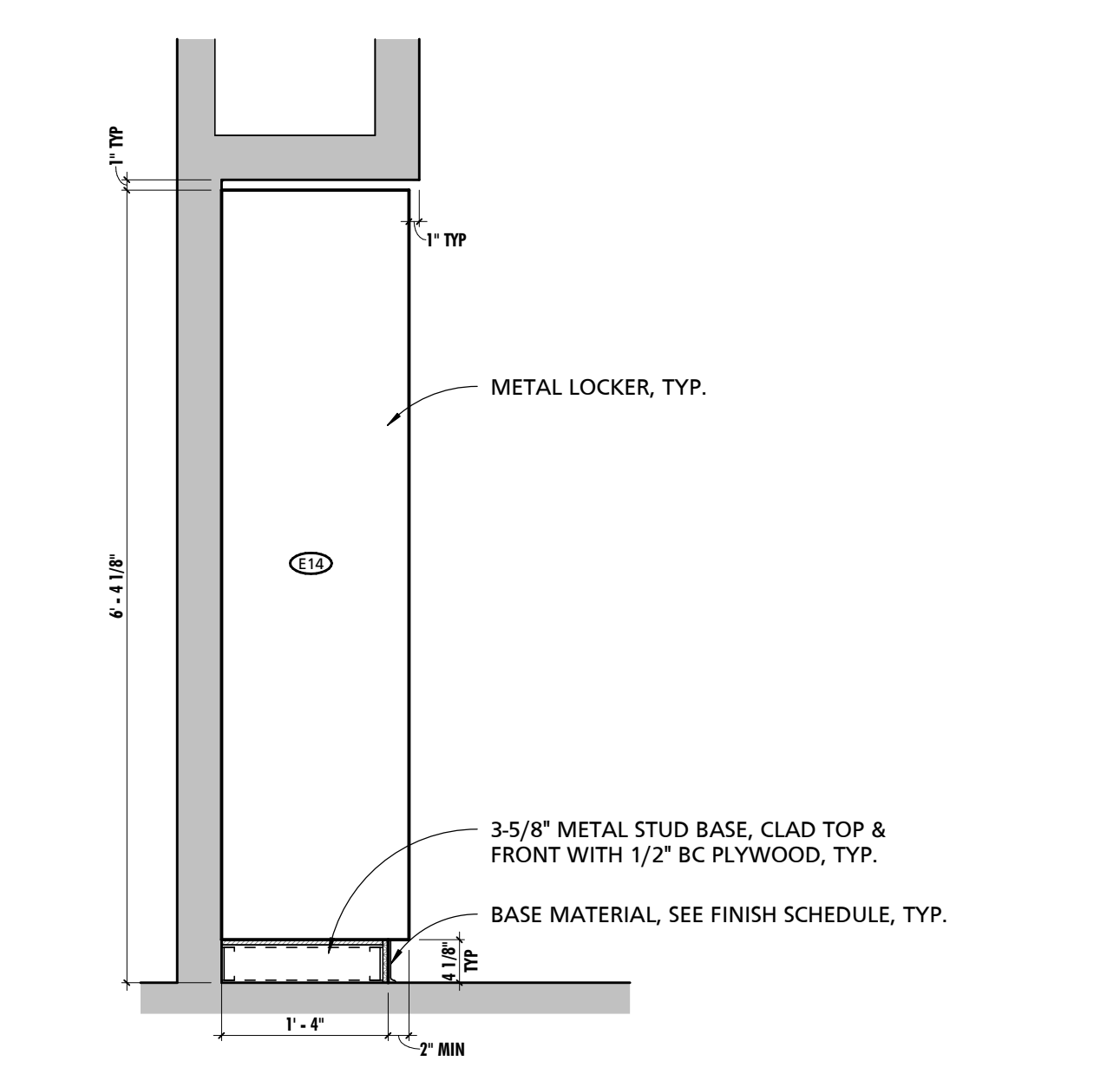
3 TYP SIM STONE COUNTERTOP & CASEWORK
3/4" = 1'-0"



4 TYPICAL SOLID SURFACE SHELF & BRACKET
1 1/2" = 1'-0"



6 LOCKER DETAIL - CONCRETE BASE
3/4" = 1'-0"



7 LOCKER DETAIL - METAL STUD BASE
3/4" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
TYPICAL EQUIPMENT & CASEWORK DETAILS

SHEET NUMBER:
A700

SCHEDULE - MATERIAL FINISH KEY

FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	COMMENTS
BT-1	6" x 24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	
BT-2	3" x 12" CERAMIC TILE BASE	DALTILE	LINDEN POINT	
BT-3	4" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
BT-4	6" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
CG-1	CORNER GUARD	PROTEK SYSTEMS	CG-20R	
CPT-1	24" x 24" CARPET TILE	MONARK GROUP	963 HERITAGE	
CT-1	6" x 24" & 12" x 24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	6" x 24" & 12" x 24" STACKED PATTERN - PATTERN B32
CT-2	12" x 24" CERAMIC TILE	DALTILE	LINDEN POINT	
CT-3	2" x 2" GLAZED CERAMIC MOSAIC	DALTILE	LINDEN POINT	
CT-4	12" x 24" CERAMIC WALL TILE	DALTILE	LINDEN POINT	
CT-5	3" x 6" CERAMIC SUBWAY WALL TILE	DALTILE	RETROSPACE	
FRP-1	FIBER REINFORCED PANELING	MARLITE	STANDARD FRP	SMOOTH TEXTURE
FRP-2	FIBER REINFORCED PANELING	MARLITE	ARTIZAN	STACKED PATTERN
HPC-1	HIGH PERFORMANCE COATING - COLOR 1	SHERWIN-WILLIAMS	TBD	
HPC-2	HIGH PERFORMANCE COATING - COLOR 2	SHERWIN-WILLIAMS	TBD	<varies>
HPC-3	HIGH PERFORMANCE COATING - COLOR 3	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED STEEL STRUCTURE, U.N.O.
HPC-4	HIGH PERFORMANCE COATING - COLOR 4	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED METAL DECK, U.N.O.
LVT-1	LUXURY VINYL TILE	ARMSTRONG	NATURAL CREATIONS	NATURAL CREATIONS WITH DIAMOND 10 TECHNOLOGY
PL-1	PLASTIC LAMINATE	FORMICA	TBD	
PL-2	PLASTIC LAMINATE	FORMICA	TBD	
PF-1	PAINT - COLOR 1	SHERWIN-WILLIAMS	TBD	
RES-1	RESINOUS FLOORING - COLOR 1	BASF	URETEC HP/F	
RES-2	RESINOUS FLOORING - COLOR 2	BASF	URETEC HP/F	
RES-3	RESINOUS FLOORING - COLOR 3	BASF	URETEC RG	RESIN WALL SYSTEM IN SHOWER STALLS 136 & 137
RT-1	RESILIENT ATHLETIC FLOORING	JOHNSONITE	REPLAY COMMOTION	
SC-1	SEALED CONCRETE			
SIM-1	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SIM-2	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SP-1	SOUND PANEL	ARMSTRONG	SOUND SOAK	
SP-2	SOUND PANEL	KIREI	ECHOPANEL	24mm THICK PANELS
SS-1	SOLID SURFACE COUNTERTOP	CORIAN	DUPONT	
VCT-1	STATIC-DISSIPATIVE VINYL COMPOSITE TILE	ARMSTRONG	EXCELON SDT	SEE SPECIFICATIONS FOR GROUNDING REQUIREMENTS.

SCHEDULE - TOILET ROOM ACCESSORIES

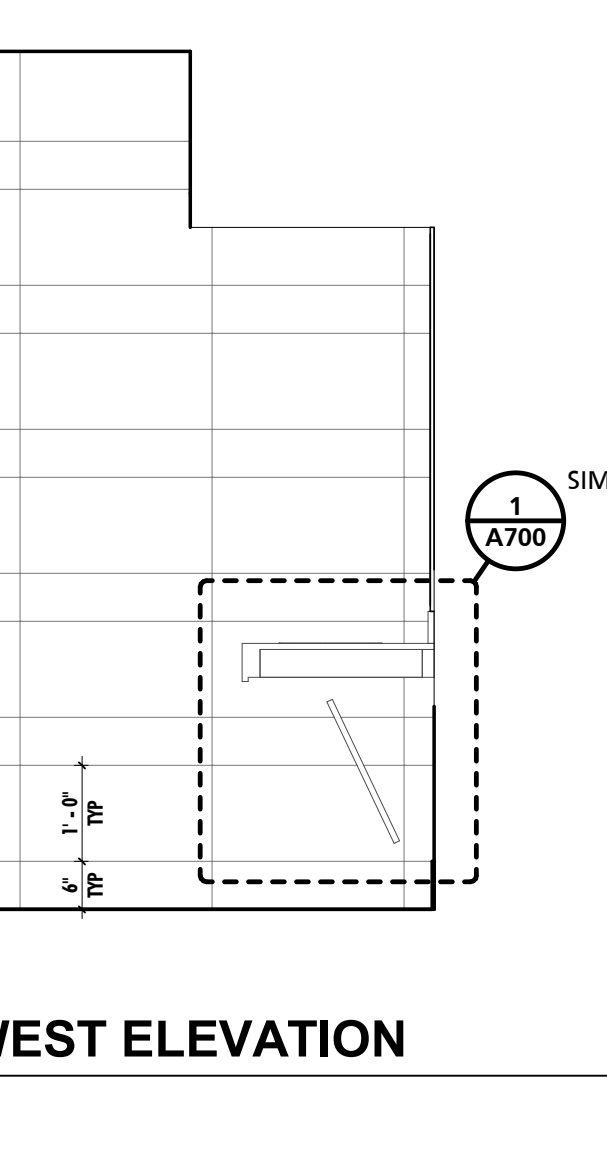
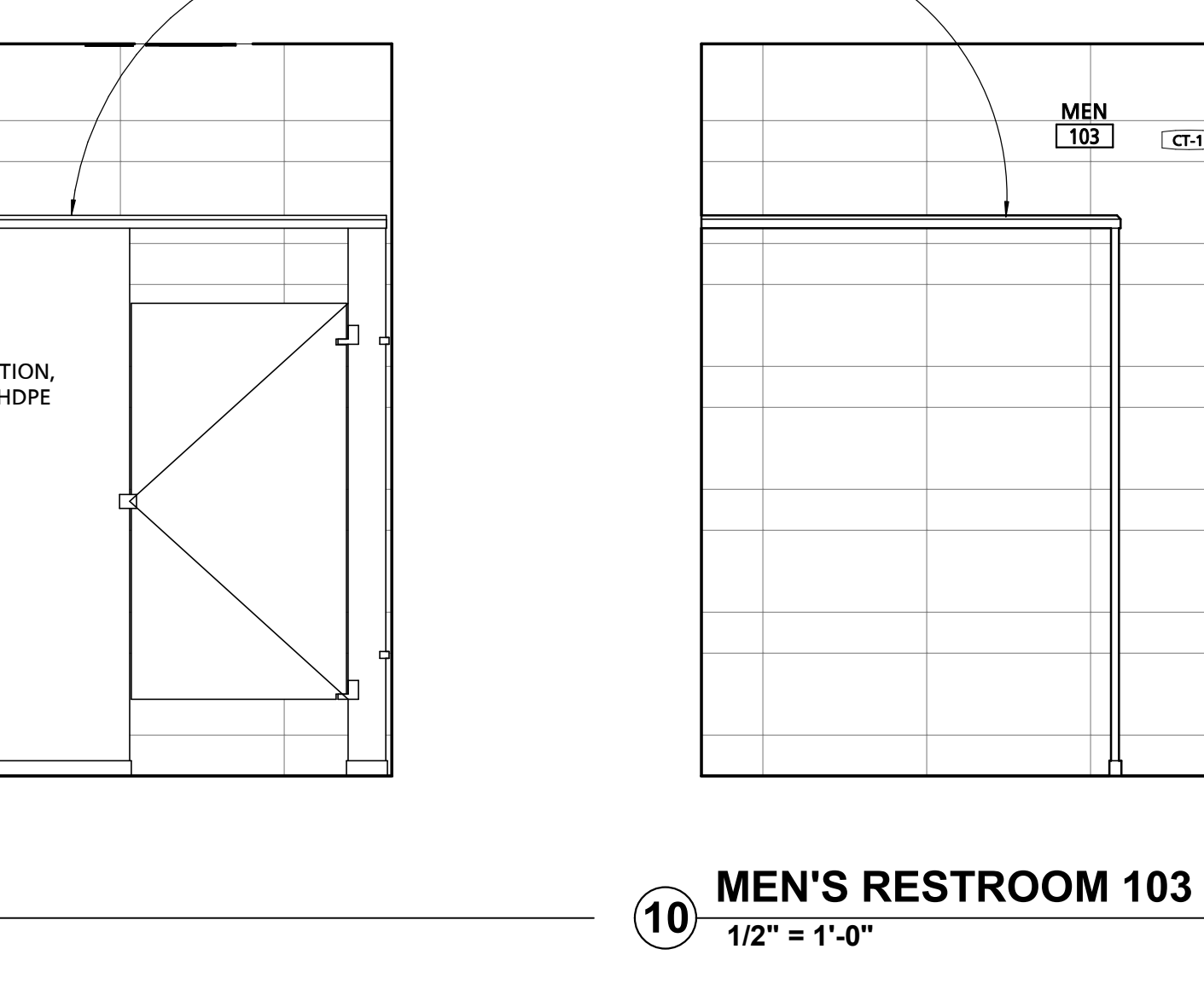
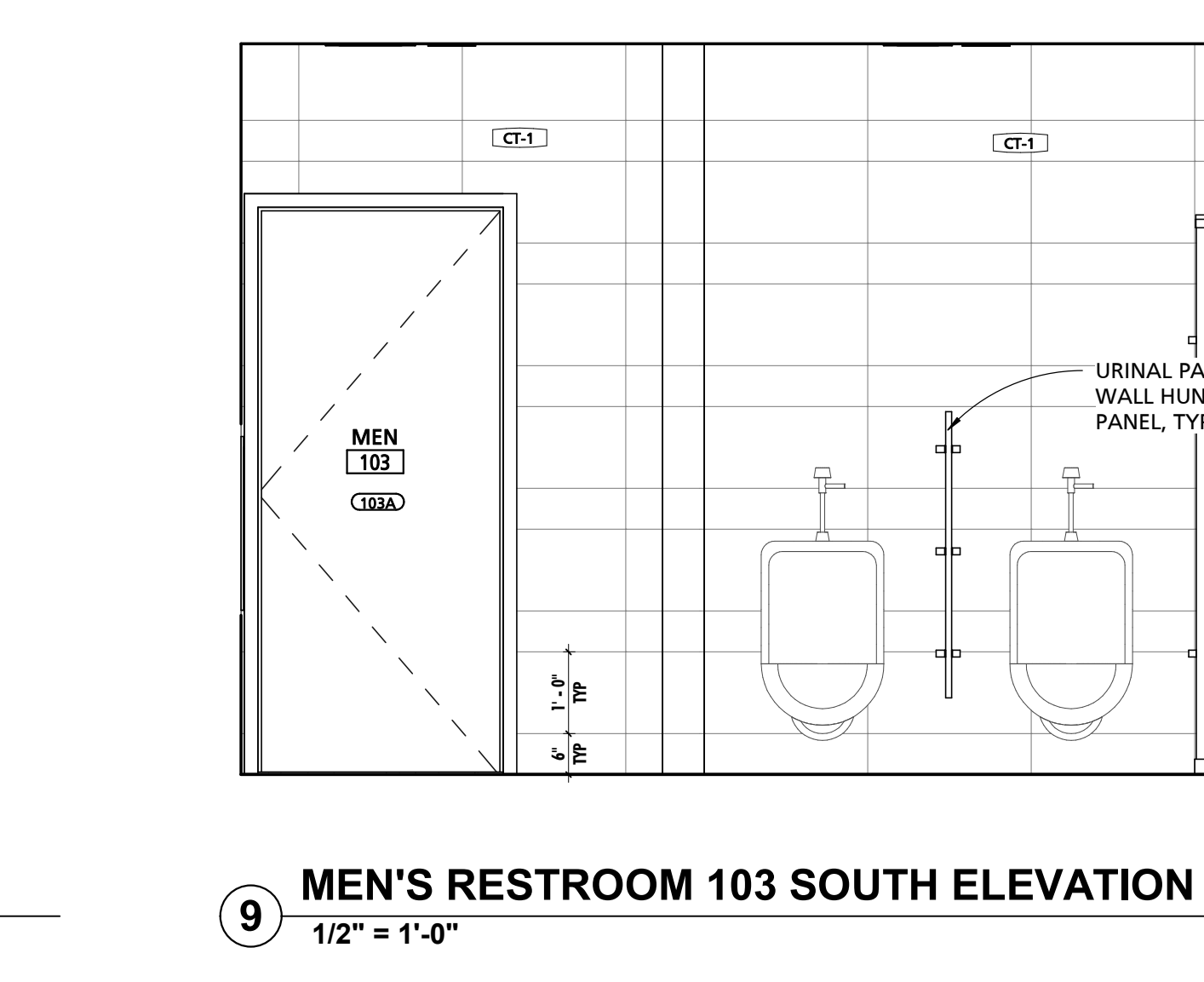
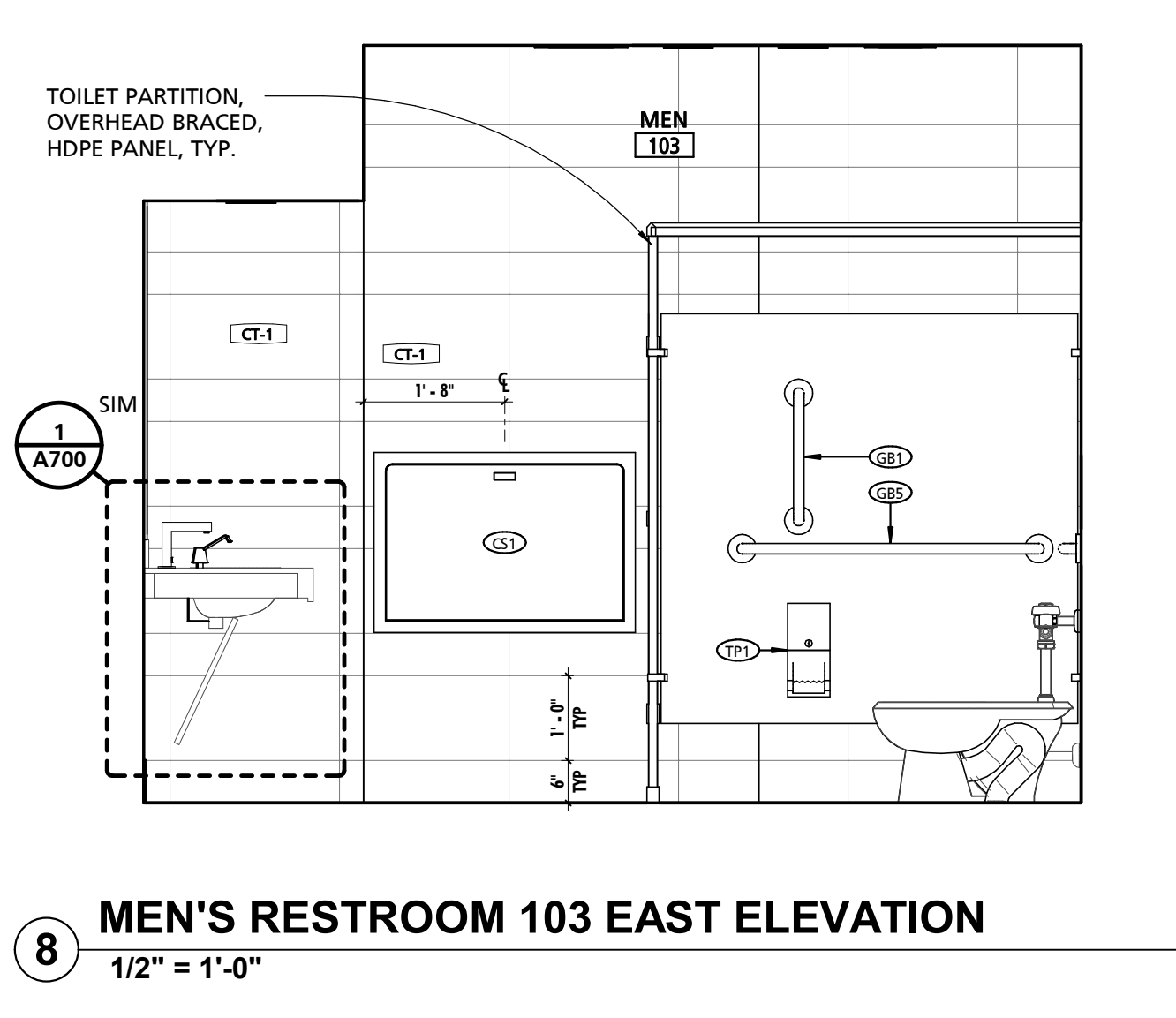
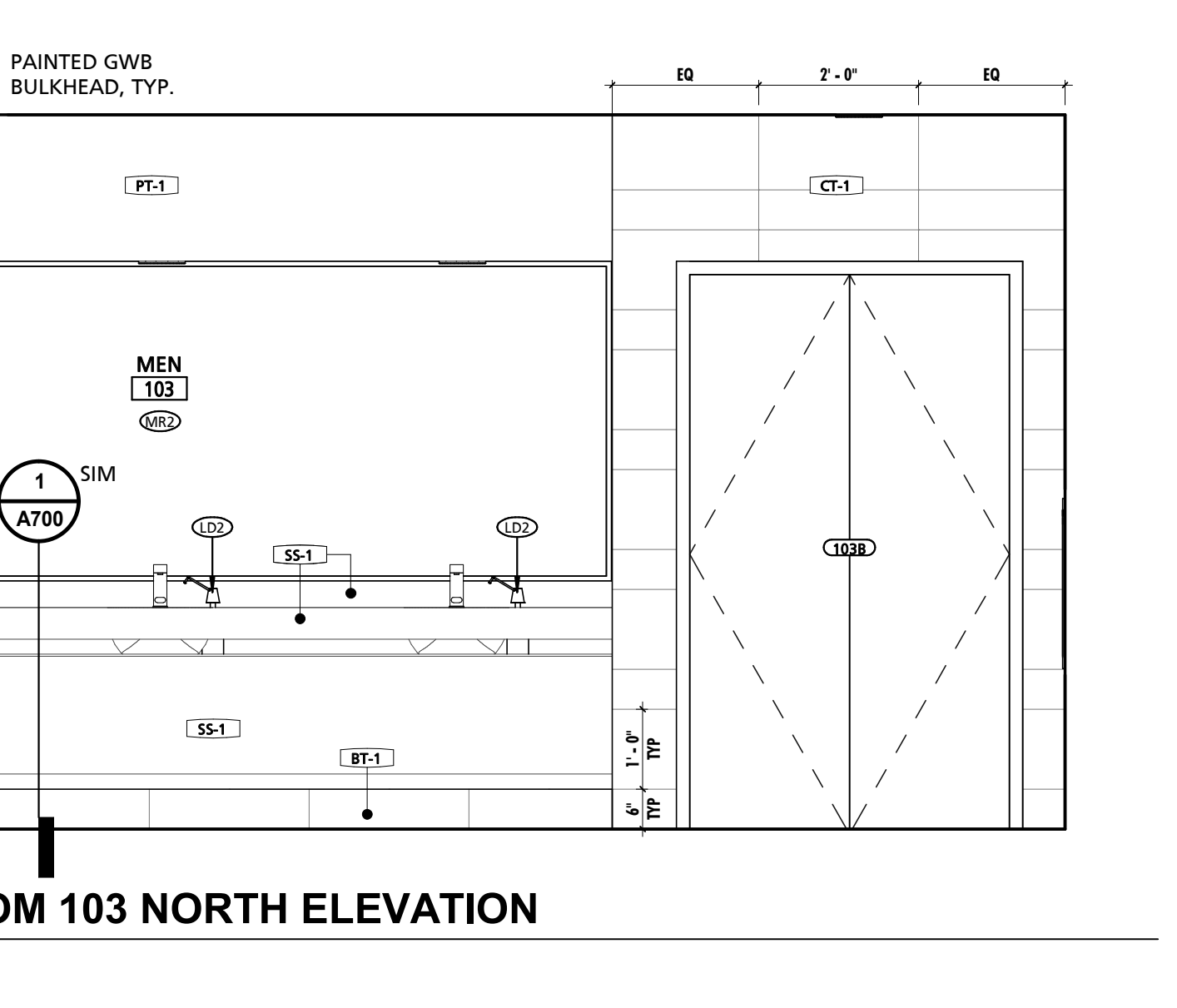
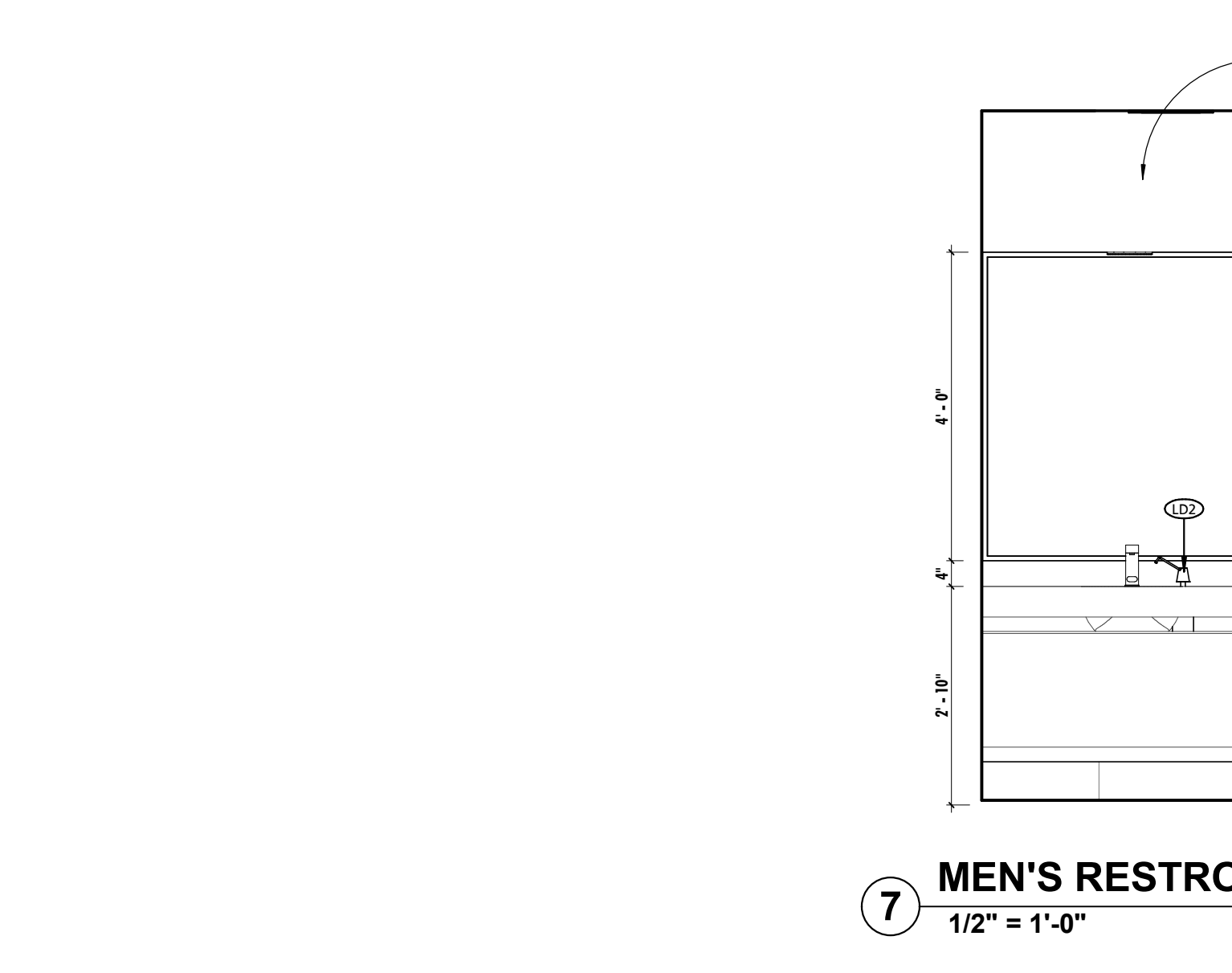
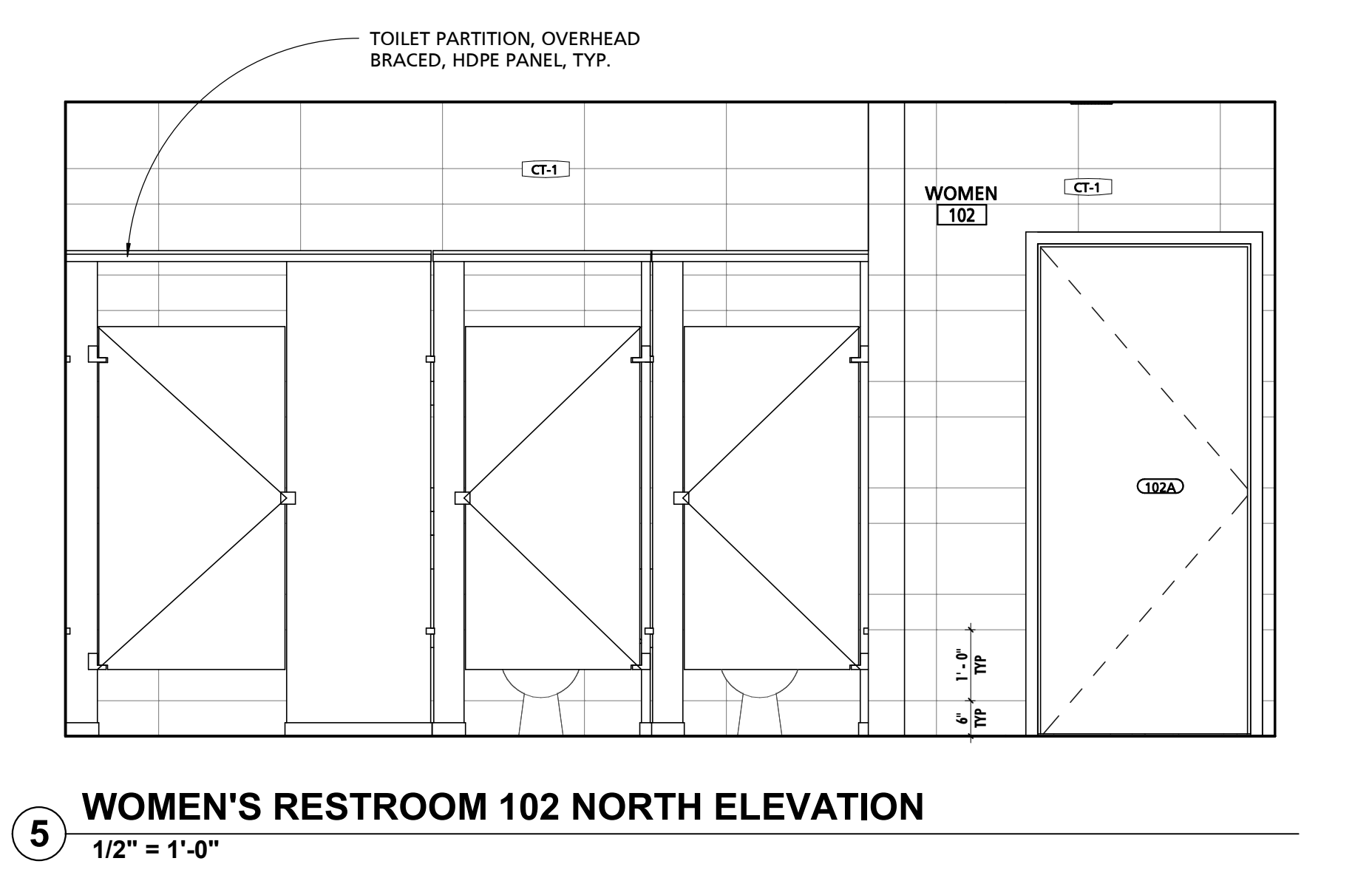
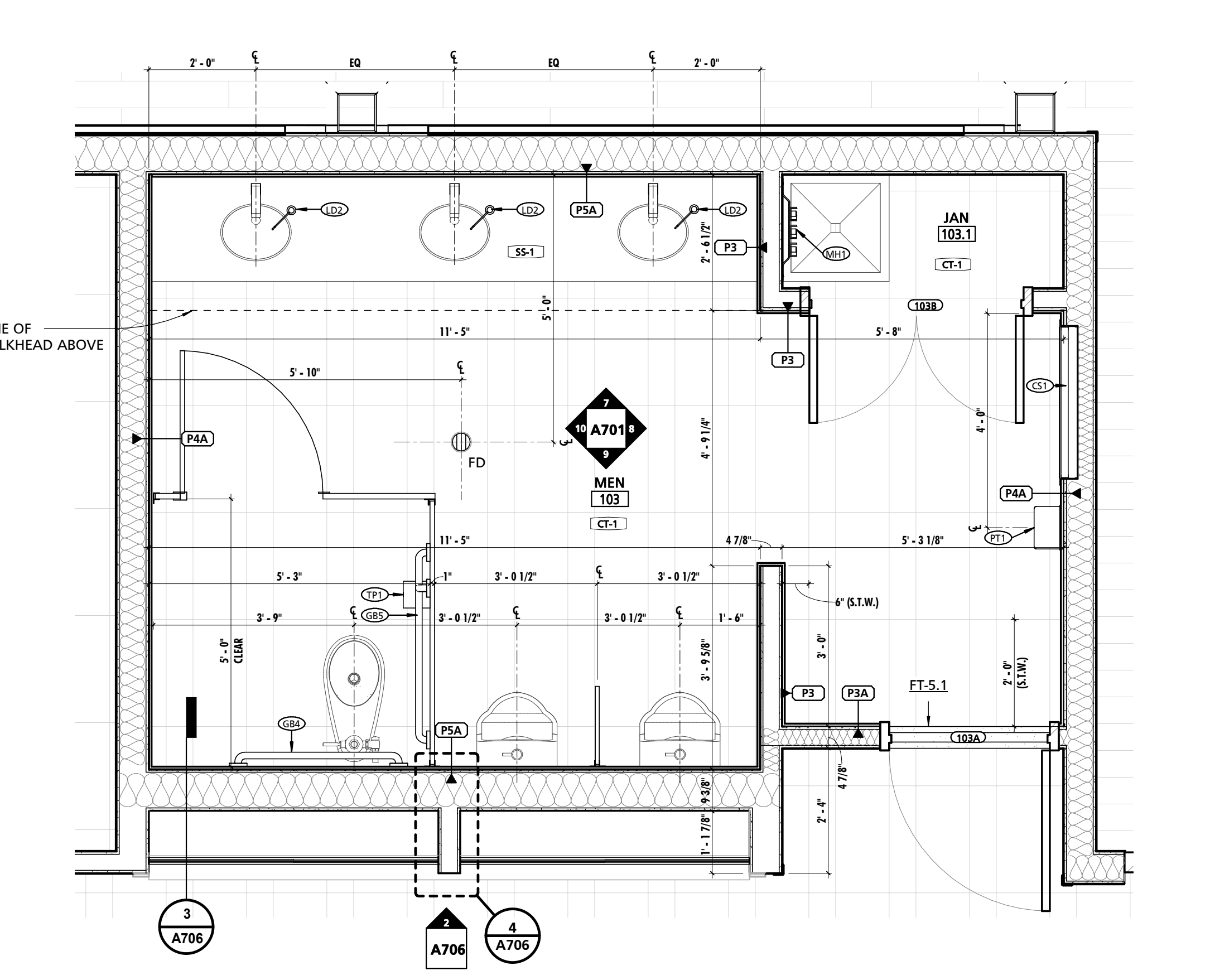
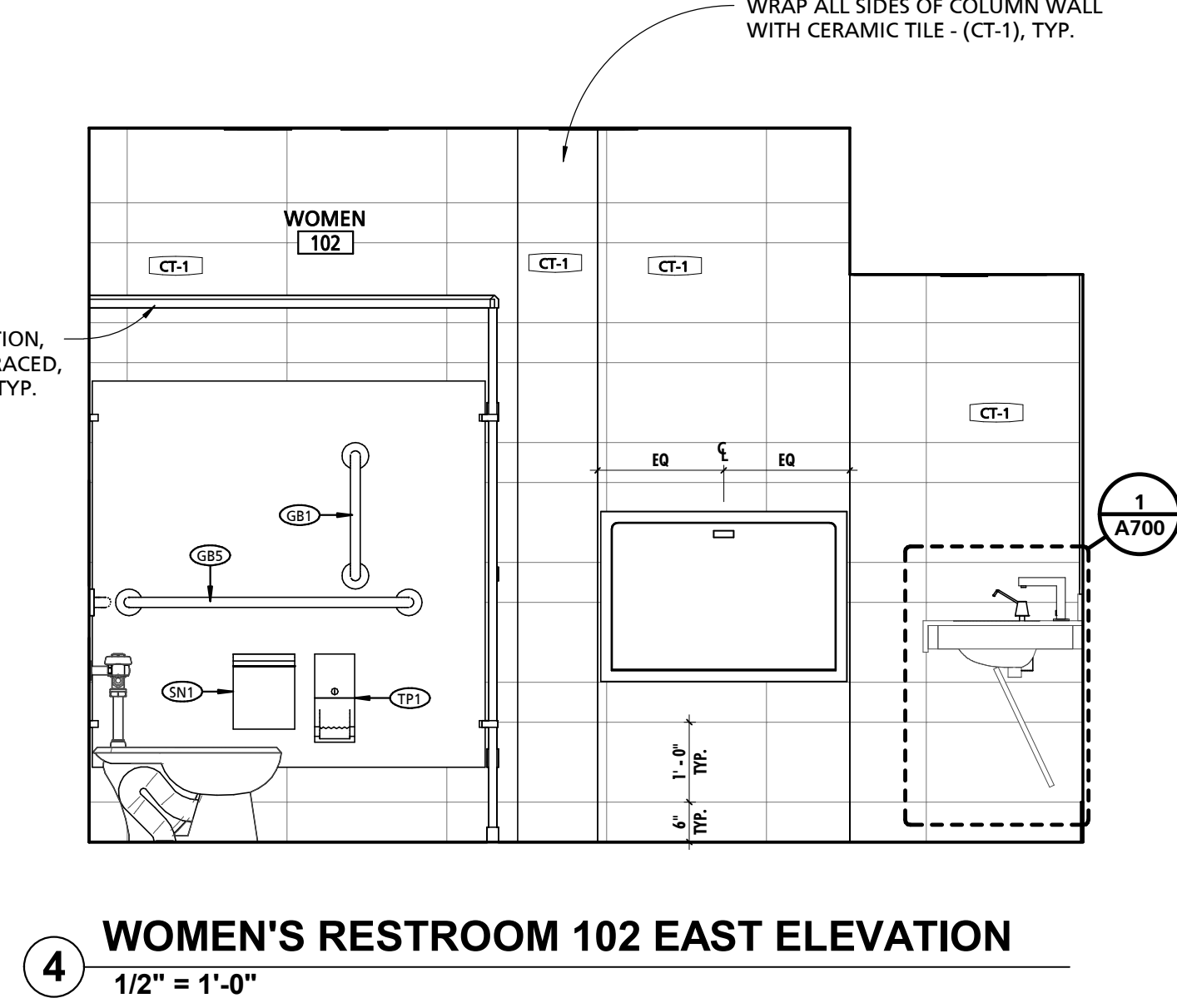
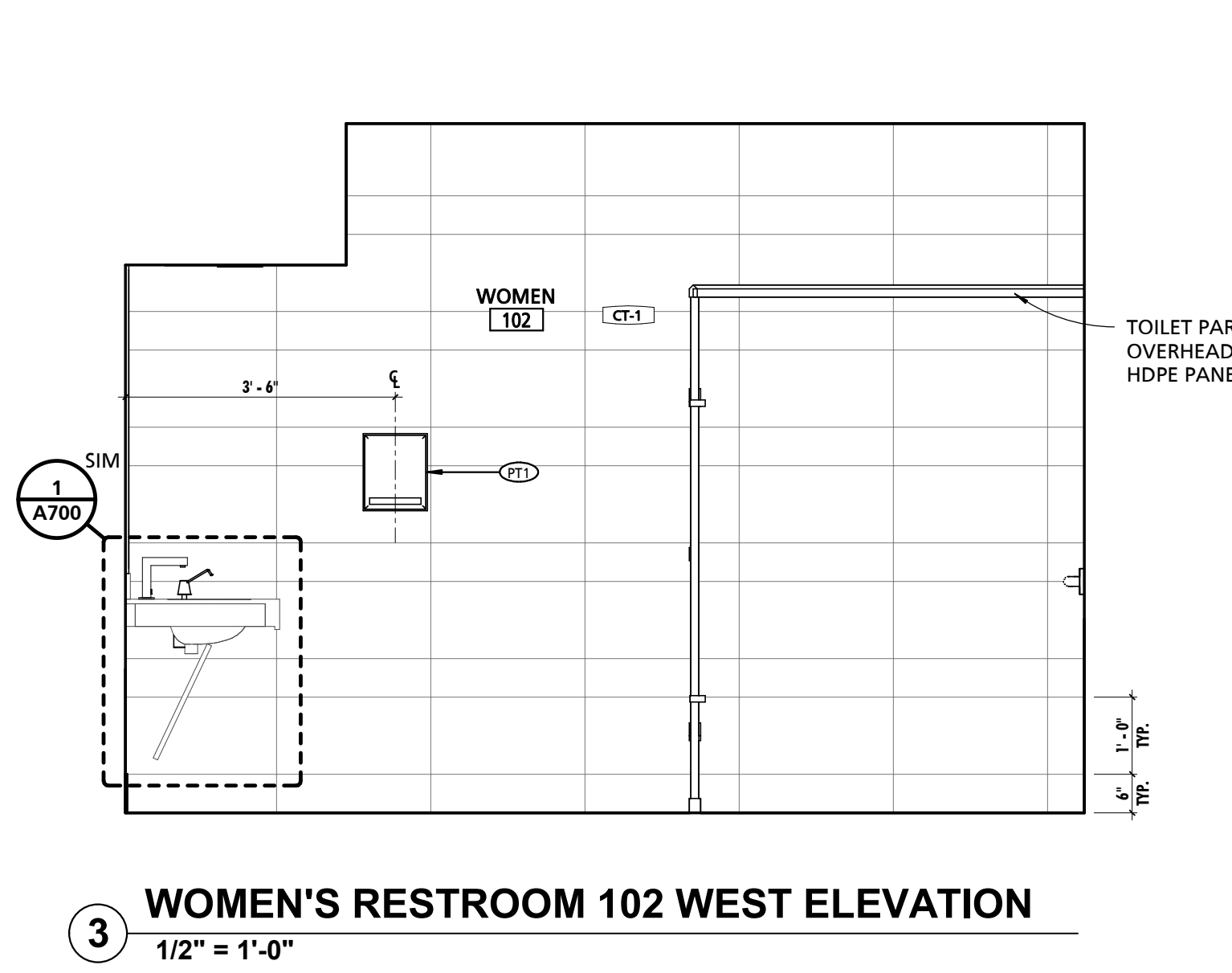
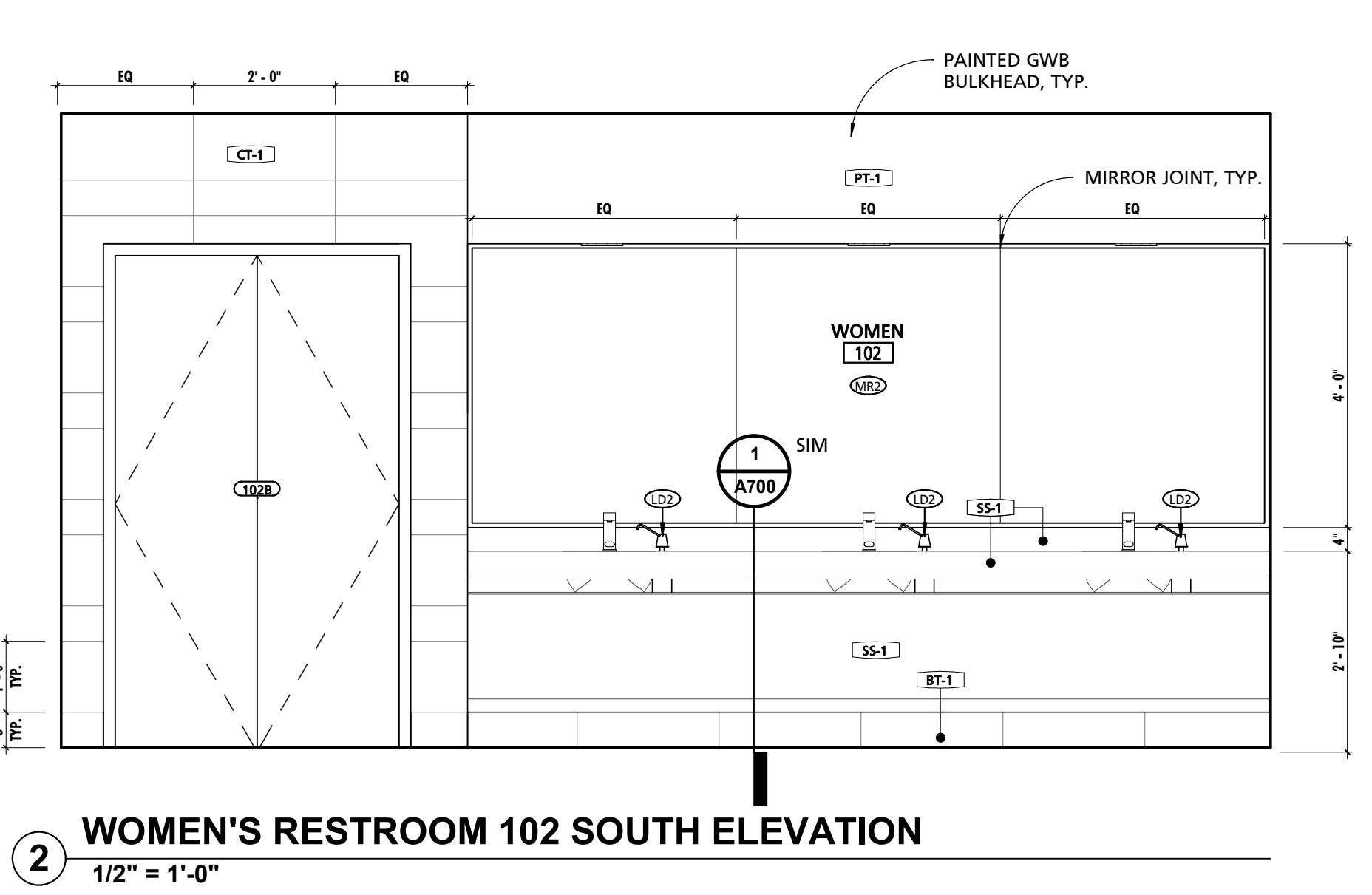
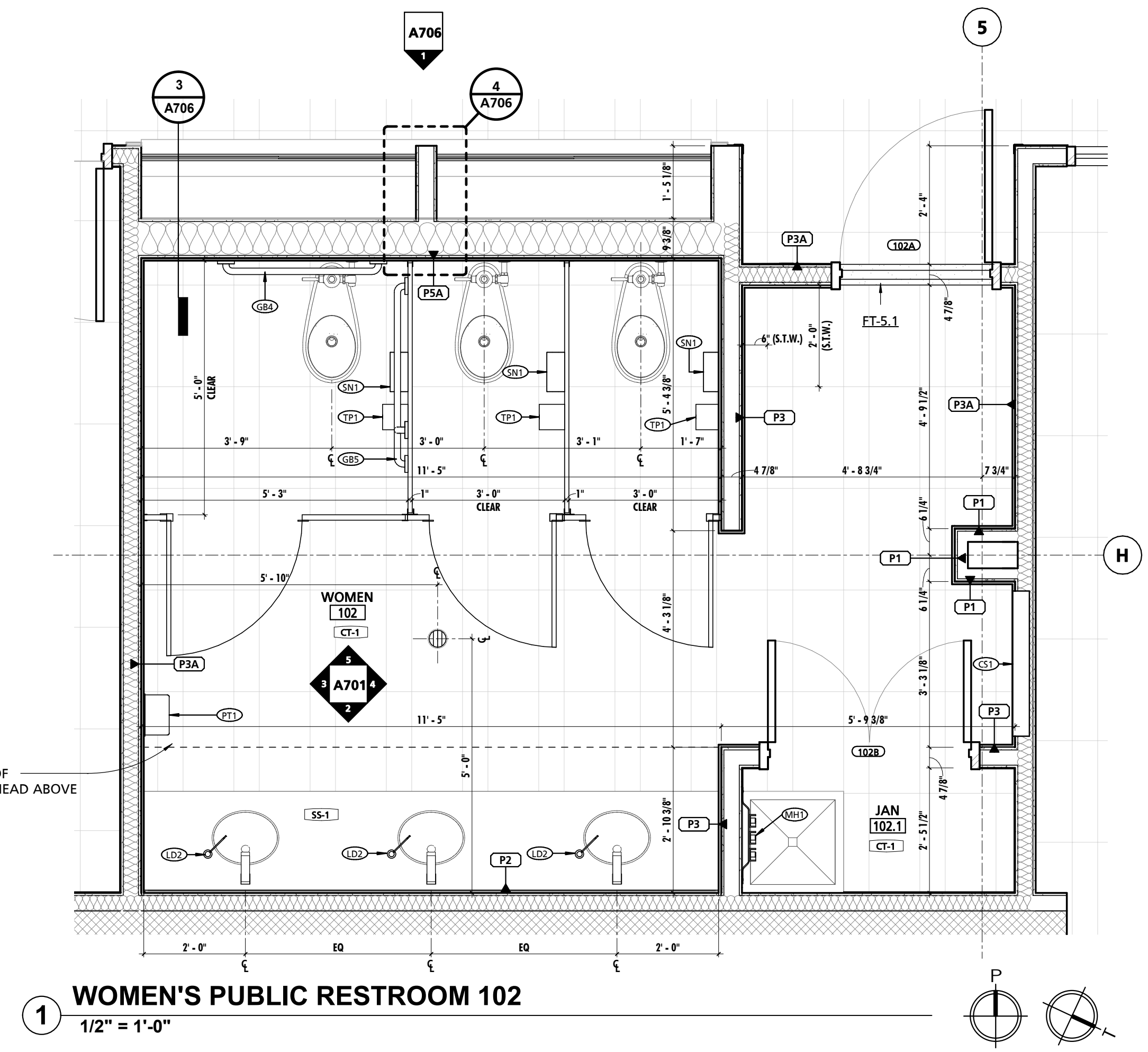
MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	COMMENTS
CR1	HEAVY DUTY SHOWER CURTAIN ROD	AMERICAN SPECIALTIES	1214/1200-SHU	<varies>
CS1	RECESSED DIAPER CHANGING STATION	AMERICAN SPECIALTIES	9013	
DYS1	DOUBLE TOWEL RACK W/ TOP SHELF	AMERICAN SPECIALTIES	7311-24	
E7	BLACKOUT ROLLER SHADE	MECHO	SEE SPECIFICATIONS	BY 1a GENERAL PRIME CONTRACTOR
FS51	ADA FOLDING SHOWER SEAT	AMERICAN SPECIALTIES	8203	
GB1	18" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB2	24" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB4	36" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB5	42" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB6	48" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
LD1	SOAP DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
LD2	LAVATORY LIQUID SOAP DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
MH1	MOP & BROOM HOLDER	BOBRICK	B-239X34	
MR1	CHANNEL FRAME MIRROR - 24" WIDE x 42" TALL	AMERICAN SPECIALTIES	0620-2442	
MR2	CUSTOM CHANNEL FRAME MIRROR - 48" TALL	LANCASTER PAINT & GLASS		VERIFY MAX WIDTH IN FIELD PRIOR TO FABRICATION
PT1	WALL MOUNTED PAPER TOWEL DISPENSER	N/A	N/A	<varies>
RH1	DOUBLE ROBE HOOK	AMERICAN SPECIALTIES	7345	
SDS1	SOAP DISH SHELF	AMERICAN SPECIALTIES	7380-S18	
SN1	SANITARY WASTE RECEPTACLE	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
TP1	TOILET PAPER DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED

GENERAL INTERIOR ELEVATION NOTES

NOTE #	NOTE
1	CONTRACTOR SHALL BE REQUIRED TO COORDINATE FINAL CASEWORK SHOP DRAWINGS AND INSTALLATION WITH ALL EQUIPMENT, INCLUDING EQUIPMENT PROVIDED BY OWNER. COORDINATION EFFORTS SHALL INCLUDE BUT ARE NOT LIMITED TO ENSURING PROPER CLEARANCES ARE PROVIDED FOR BOTH INSTALLATION AND OPERATION. EQUIPMENT SHALL BE AS TIGHT TO CASEWORK AS POSSIBLE AS PERMITTED BY EQUIPMENT REQUIREMENTS. PRIOR TO INSTALLATION OF CASEWORK EQUIPMENT CUT SHEETS & INSTALLATION INSTRUCTIONS SHALL BE POSTED WITH IN THE ROOM WHERE WORK IS BEING PERFORMED. CONTRACTOR SHALL VERIFY FINAL REVIEWED SHOP DRAWINGS CONFORM TO EQUIPMENT AND CLEARANCE REQUIREMENTS OF ACTUAL PURCHASED EQUIPMENT AS EQUIPMENT TYPES AND MODELS ARE SUBJECT TO FACTORY BASED CHANGES FROM THE TIME OF DESIGN TO THE TIME OF PURCHASE INSTALL.
2	CONTRACTOR SHALL REFER TO ARCHITECTURAL WOODWORK STANDARDS 2014, CABINET DESIGN SERIES (CDS) FOR FURTHER INFORMATION ABOUT CASEWORK.
3	REFER TO SHEET A108 FOR EQUIPMENT SCHEDULE & NOTES.
4	ALIGN BASE AND WALL TILE GROUT LINES WITH FLOOR TILE GROUT LINES U.N.O.
5	ENLARGED PLAN DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF GWB UNLESS NOTED OTHERWISE.
6	INTERIOR ELEVATION DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF TILE.
7	START TILE WORKPOINT ABBREVIATION (S.T.W.)

SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #6405311 EXPIRATION DATE: 6/30/2023

THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS (BOTH THE DRAWINGS AND THE PROJECT MANUAL) AND REVISIONS REFERRED TO IN THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDENDUM 1A. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS (DRAWINGS & SPECIFICATIONS), ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.



CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
ENLARGED PLANS & INT. ELEVATIONS

SHEET NUMBER:
A701

FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	COMMENTS
BT-1	6" x 24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	
BT-2	3" x 12" CERAMIC TILE BASE	DALTILE	LINDEN POINT	
BT-3	4" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
BT-4	6" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
CG-1	CORNER GUARD	PROTEK SYSTEMS	CS-20R	
CPT-1	24"x24" CARPET TILE	MOHAWK GROUP	963 HERITAGE	
CT-1	6"x24" & 12"x24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	6"x24" & 12"x24" STACKED PATTERN - PATTERN B32
CT-2	12"x24" CERAMIC TILE	DALTILE	LINDEN POINT	
CT-3	2"x2" GLAZED CERAMIC MOSAIC	DALTILE	LINDEN POINT	
CT-4	12"x24" CERAMIC WALL TILE	DALTILE	LINDEN POINT	
CT-5	3"x6" CERAMIC SUBWAY WALL TILE	DALTILE	RETROSPACE	
FRP-1	FIBER REINFORCED PANELING	MARLITE	STANDARD FRP	SMOOTH TEXTURE
FRP-2	FIBER REINFORCED PANELING	MARLITE	ARTIZAN	STACKED PATTERN
HPC-1	HIGH PERFORMANCE COATING - COLOR 1	SHERWIN-WILLIAMS	TBD	
HPC-2	HIGH PERFORMANCE COATING - COLOR 2	SHERWIN-WILLIAMS	TBD	
HPC-3	HIGH PERFORMANCE COATING - COLOR 3	SHERWIN-WILLIAMS	TBD	
HPC-4	HIGH PERFORMANCE COATING - COLOR 4	SHERWIN-WILLIAMS	TBD	
LVT-1	LUXURY VINYL TILE	ARMSTRONG	NATURAL CREATIONS	NATURAL CREATIONS WITH DIAMOND 10 TECHNOLOGY
PL-1	PLASTIC LAMINATE	FORMICA	TBD	
PL-2	PLASTIC LAMINATE	FORMICA	TBD	
PT-1	PAINT - COLOR 1	SHERWIN-WILLIAMS	TBD	
RES-1	RESINOUS FLOORING - COLOR 1	BASF	URETEC HP/F	
RES-2	RESINOUS FLOORING - COLOR 2	BASF	URETEC HP/F	
RES-3	RESINOUS FLOORING - COLOR 1	BASF	URETEC RG	RESIN WALL SYSTEM IN SHOWER STALLS 136 & 137
RT-1	RESILIENT ATHLETIC FLOORING	JOHNSONITE	REPLAY COMMOTION	
SC-1	SEALED CONCRETE			
SIM-1	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SIM-2	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SP-1	SOUND PANEL	ARMSTRONG	SOUNDSOAK	
SP-2	SOUND PANEL	KIREI	ECHOPANEL	24mm THICK PANELS
SS-1	SOLID SURFACE COUNTERTOP	CORIAN	DUPONT	
VCT-1	STATIC-DISSIPATIVE VINYL COMPOSITE TILE	ARMSTRONG	EXCELOM SDT	SEE SPECIFICATIONS FOR GROUNDING REQUIREMENTS.

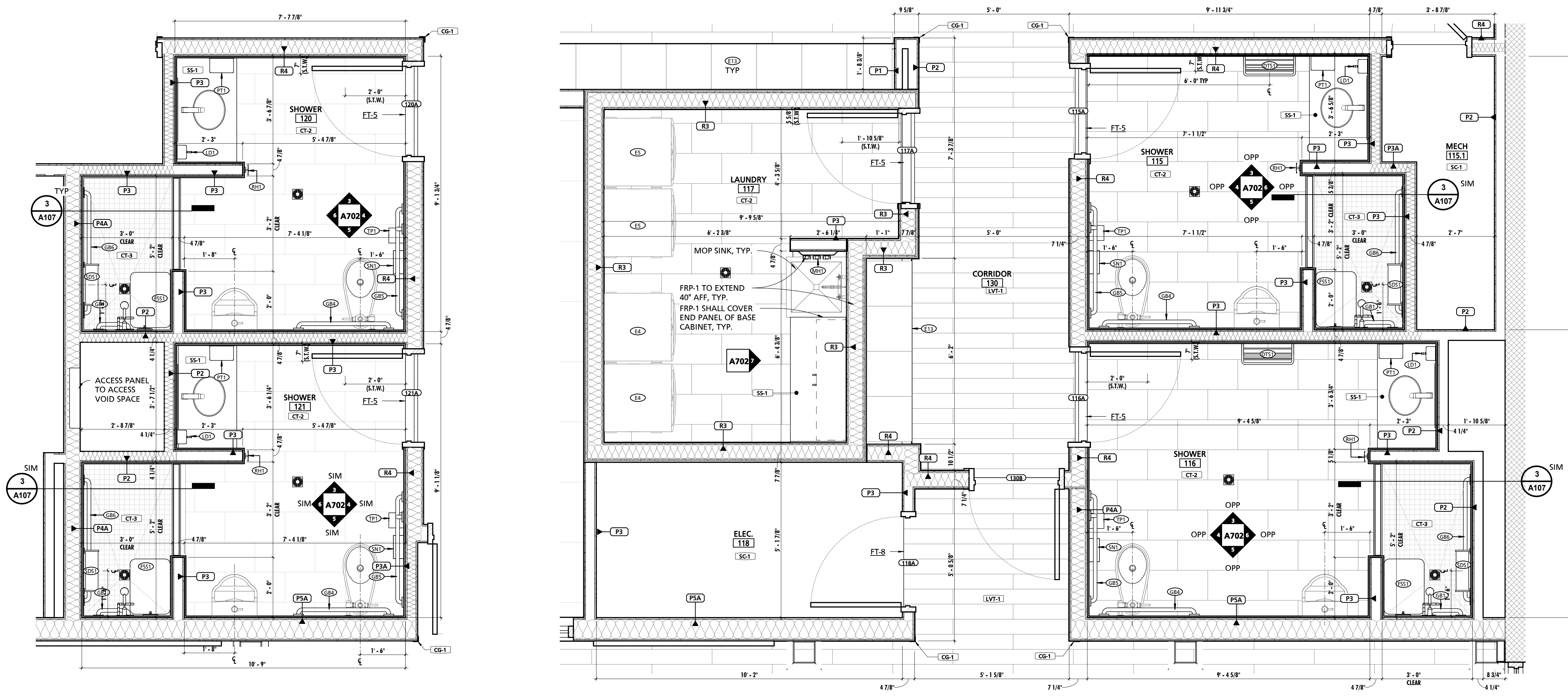
MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	COMMENTS
CR1	HEAVY DUTY SHOWER CURTAIN ROD	AMERICAN SPECIALTIES	1214/1200-SHU	
CS1	RECESSED DIAPER CHANGING STATION	AMERICAN SPECIALTIES	9013	<varies>
DT51	DOUBLE TOWEL RACK W/ TOP SHELF	AMERICAN SPECIALTIES	7311-24	
E7	BLACKOUT ROLLER SHADE	MECHO	SEE SPECIFICATIONS	BY 1a GENERAL PRIME CONTRACTOR
F551	ADA FOLDING SHOWER SEAT	AMERICAN SPECIALTIES	8203	
GB1	18" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB2	24" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB4	36" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB5	42" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB6	48" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
LD1	SOAP DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
LD2	LAVATORY LIQUID SOAP DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
MH1	MOP & BROOM HOLDER	BOBRICK	B-239X34	
MR1	CHANNEL FRAME MIRROR - 24" WIDE x 42" TALL	AMERICAN SPECIALTIES	0620-2442	
MR2	CUSTOM CHANNEL FRAME MIRROR - 48" TALL	LANCASTER PAINT & GLASS		VERIFY MAX WIDTH IN FIELD PRIOR TO FABRICATION
PT1	WALL MOUNTED PAPER TOWEL DISPENSER	N/A	N/A	<varies>
RH1	DOUBLE ROBE HOOK	AMERICAN SPECIALTIES	7345	
SDS1	SOAP DISH SHELF	AMERICAN SPECIALTIES	7380-S18	
SN1	SANITARY WASTE RECEPTACLE	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
TP1	TOILET PAPER DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED

NOTE #	NOTE
1	CONTRACTOR SHALL BE REQUIRED TO COORDINATE FINAL CASEWORK SHOP DRAWINGS AND INSTALLATION WITH ALL EQUIPMENT, INCLUDING EQUIPMENT PROVIDED BY OWNER. COORDINATION EFFORTS SHALL INCLUDE BUT ARE NOT LIMITED TO ENSURING PROPER CLEARANCES ARE PROVIDED FOR BOTH INSTALLATION AND OPERATION. EQUIPMENT SHALL BE AS TIGHT TO CASEWORK AS POSSIBLE AS PERMITTED BY EQUIPMENT REQUIREMENTS. PRIOR TO INSTALLATION OF CASEWORK EQUIPMENT CUT SHEETS & INSTALLATION INSTRUCTIONS SHALL BE POSTED WITHIN THE ROOM WHERE WORK IS BEING PERFORMED. CONTRACTOR SHALL VERIFY FINAL REVISED SHOP DRAWINGS CONFORM TO EQUIPMENT AND CLEARANCE REQUIREMENTS OF ACTUAL PURCHASED EQUIPMENT AS EQUIPMENT TYPES AND MODELS ARE SUBJECT TO FACTORY BASED CHANGES FROM THE TIME OF DESIGN TO THE TIME OF PURCHASE INSTALL.
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3	
4	ALIGN BASE AND WALL TILE GROUT LINES WITH FLOOR TILE GROUT LINES U.N.O.
5	ENLARGED PLAN DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF GWB UNLESS NOTED OTHERWISE.
6	INTERIOR ELEVATION DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF TILE.
7	START TILE WORKPOINT ABBREVIATION (S.T.W.)

MANNWOOD STUDIOS
ARCHITECTURE + MASTER PLANNING
10839-D PHILADELPHIA RD
WHITE MARSH, MD 21162
P: 410-344-1460
F: 443-423-2460
E: INFO@MANNWOODSTUDIOS.COM
WWW.MANNWOODSTUDIOS.COM

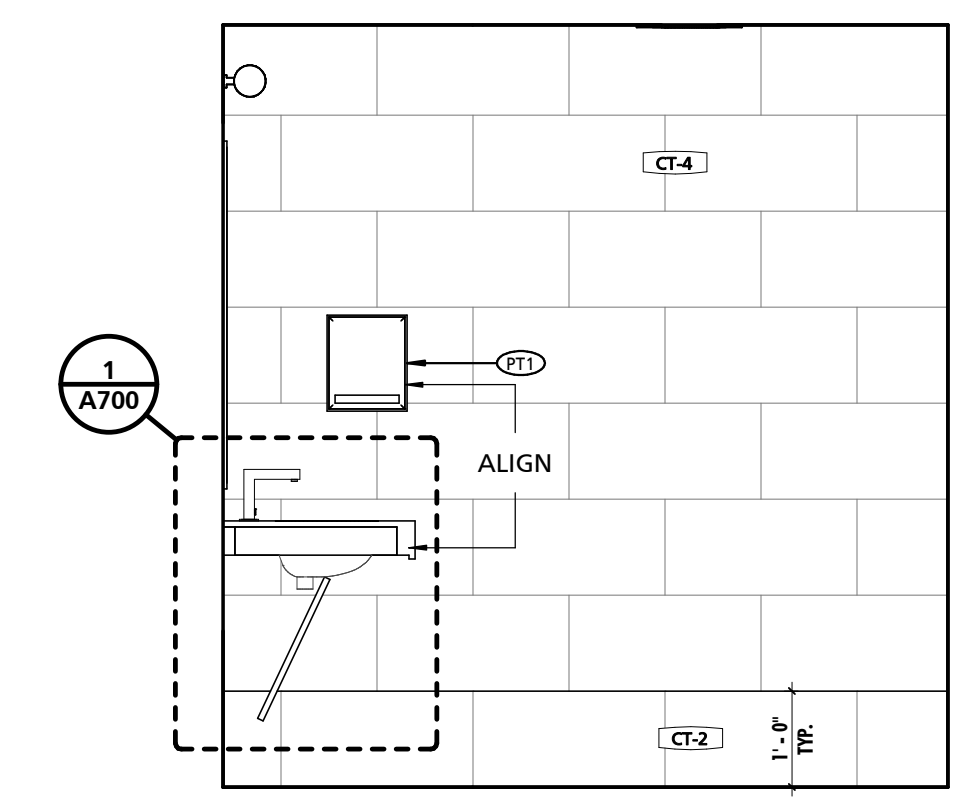
SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #8405311 EXPIRATION DATE: 6/30/2023

THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL, AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDITION TO THIS CONFORMED SET. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, DRAWINGS, AND SPECIFICATIONS. ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

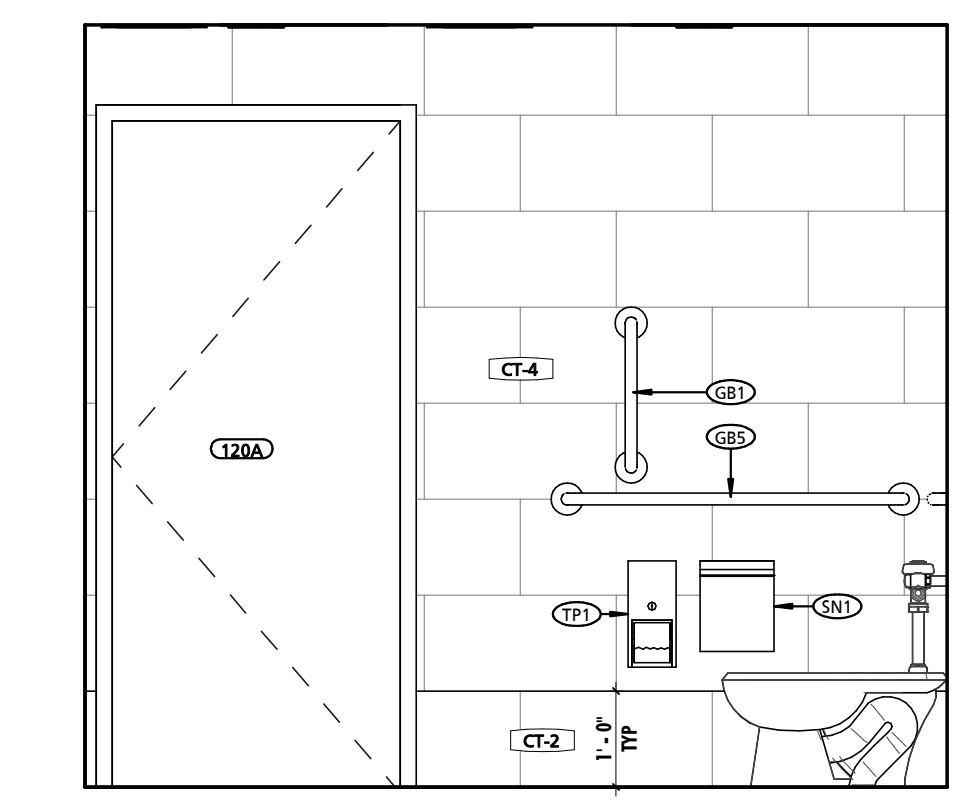


1 SHOWER ROOM 120 & 121
1/2" = 1'-0"

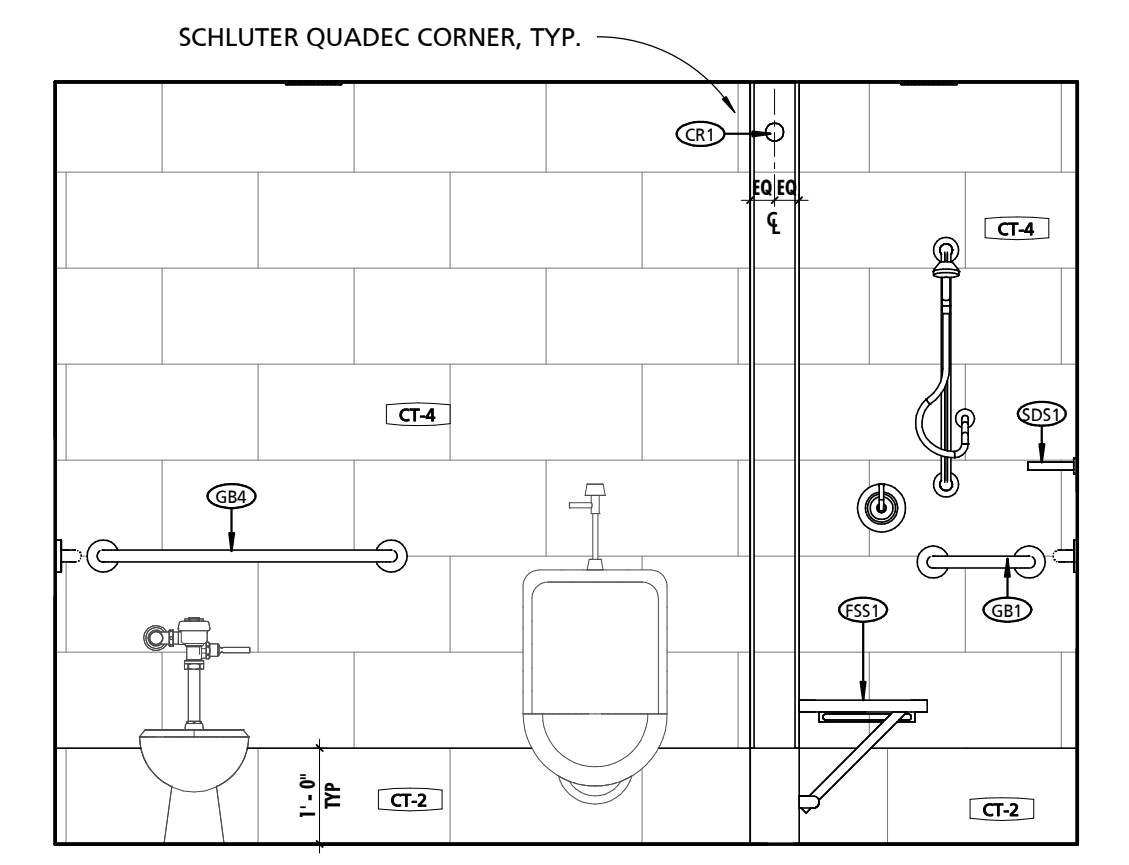
2 SHOWER ROOMS 115 & 116 - LAUNDRY ROOM 117
1/2" = 1'-0"



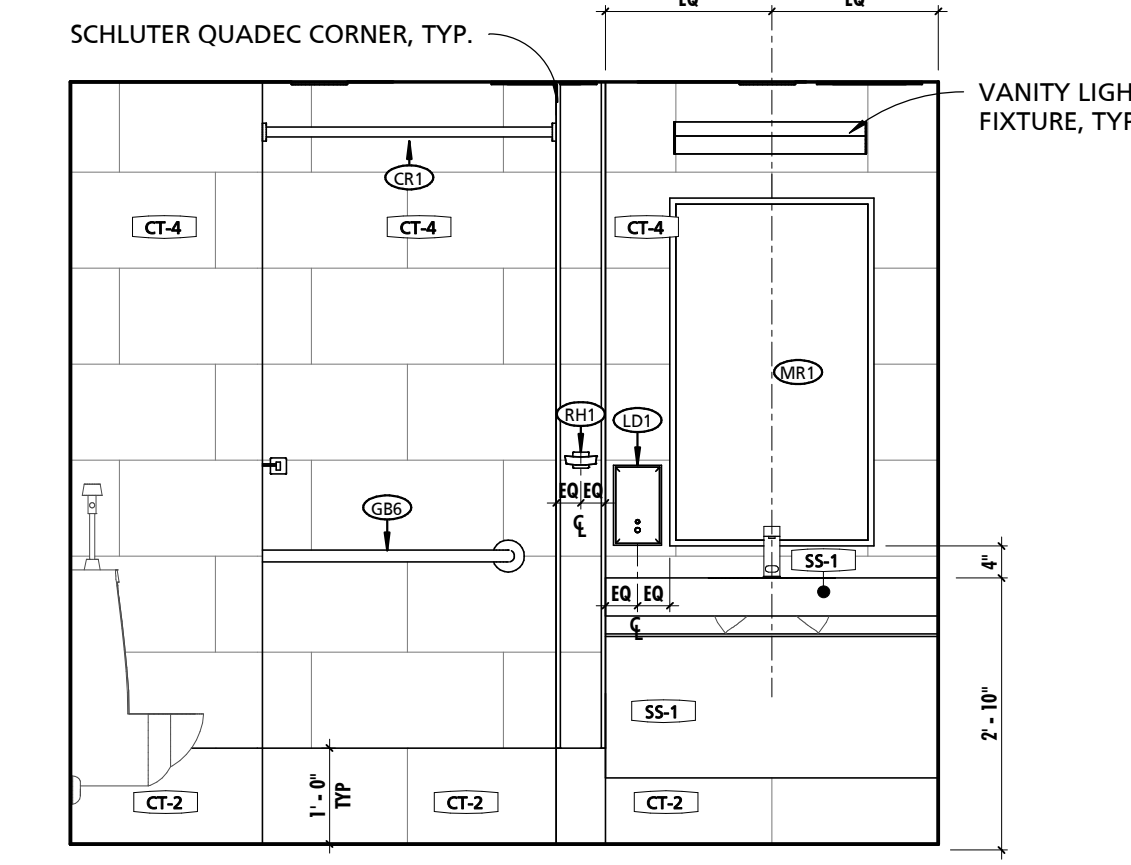
3 TYPICAL SHOWER PT ELEVATION
1/2" = 1'-0"



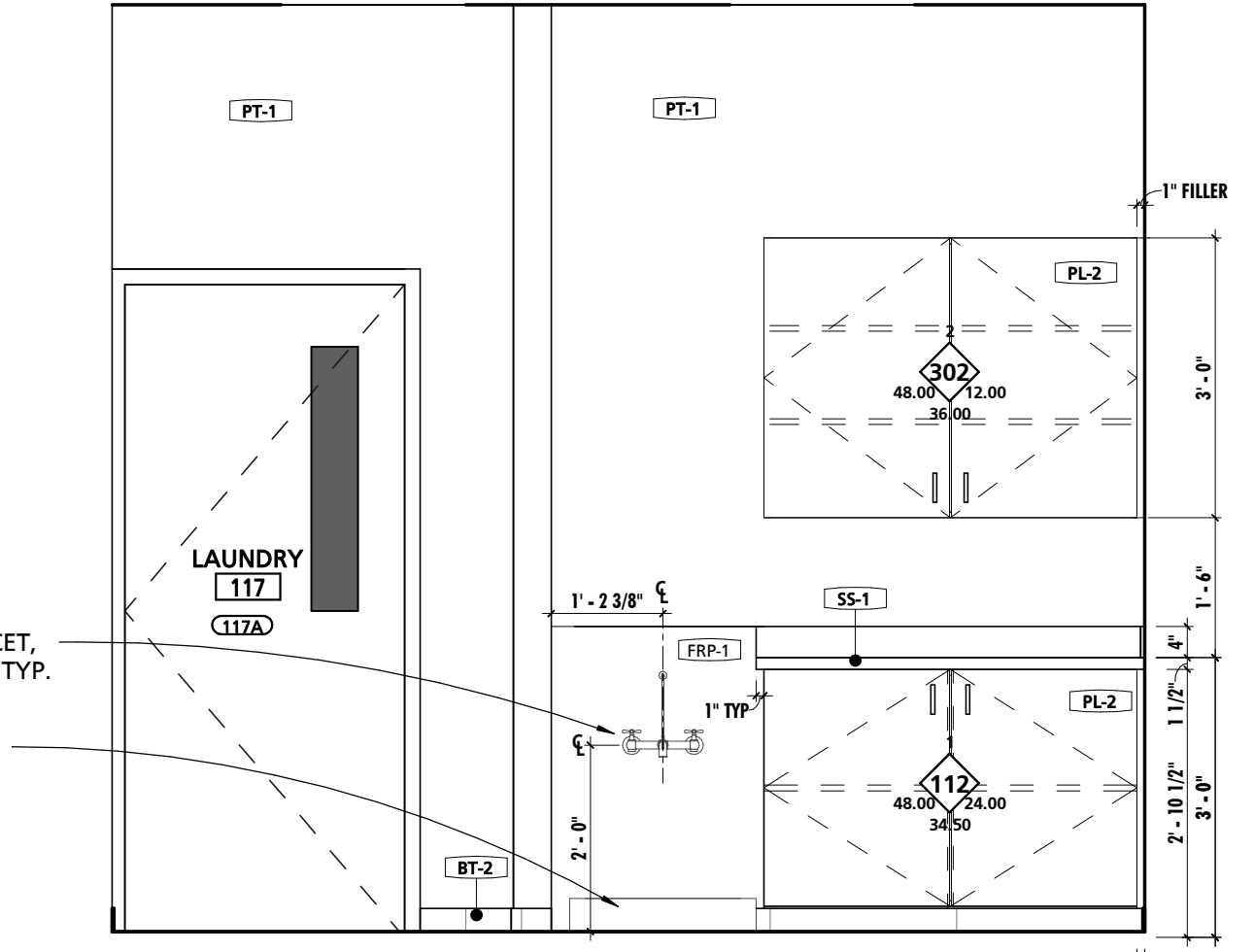
4 TYPICAL SHOWER TP ELEVATION
1/2" = 1'-0"



5 TYPICAL SHOWER TOILET WALL ELEVATION
1/2" = 1'-0"



6 TYPICAL SHOWER LAV WALL ELEVATION
1/2" = 1'-0"



7 LAUNDRY ROOM 117 EAST ELEVATION
1/2" = 1'-0"

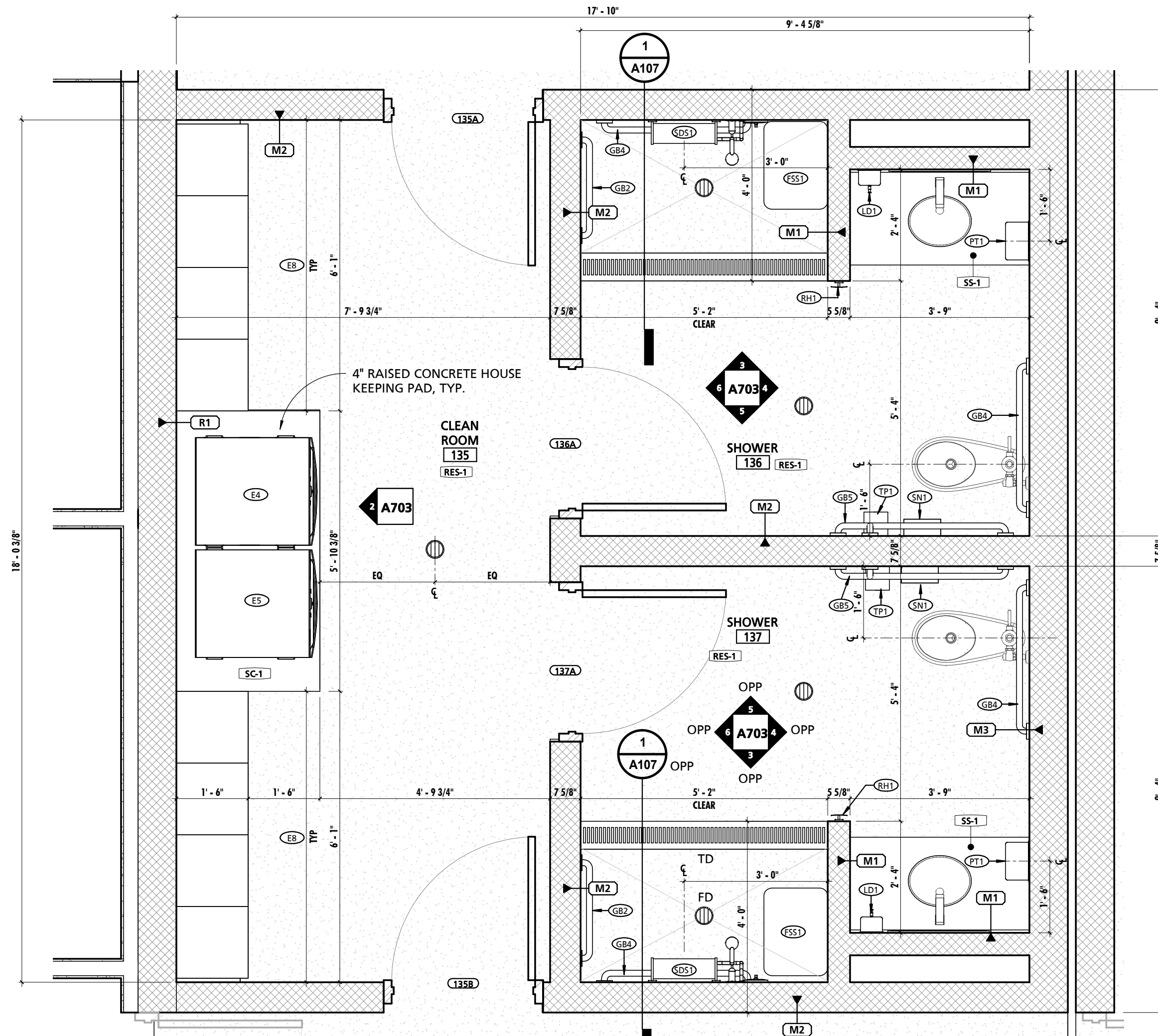
CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

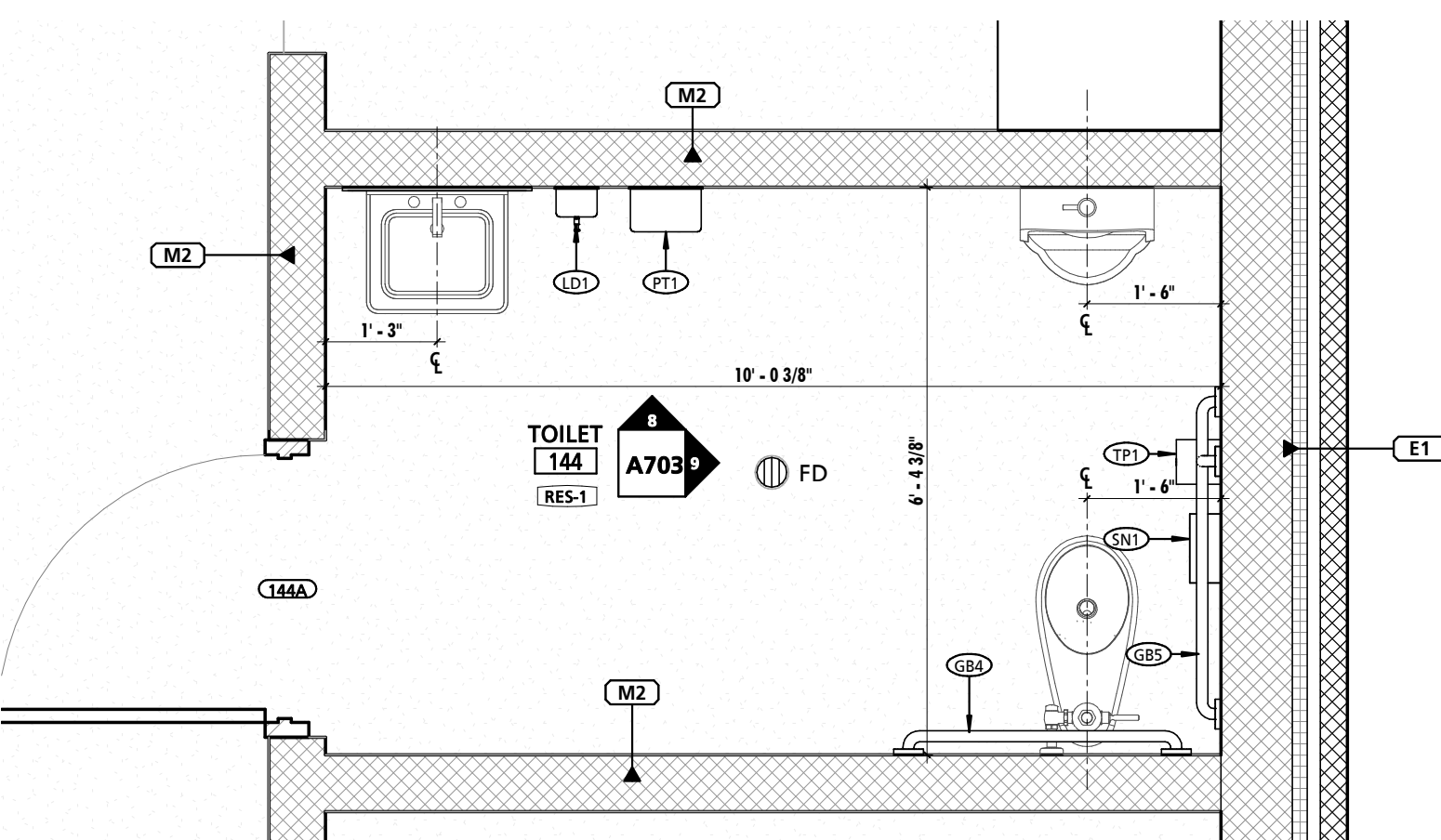
PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023
DRAWING TITLE:
ENLARGED PLANS & INT. ELEVATIONS
SHEET NUMBER:
A702

11/29/2023 11:43:26 AM

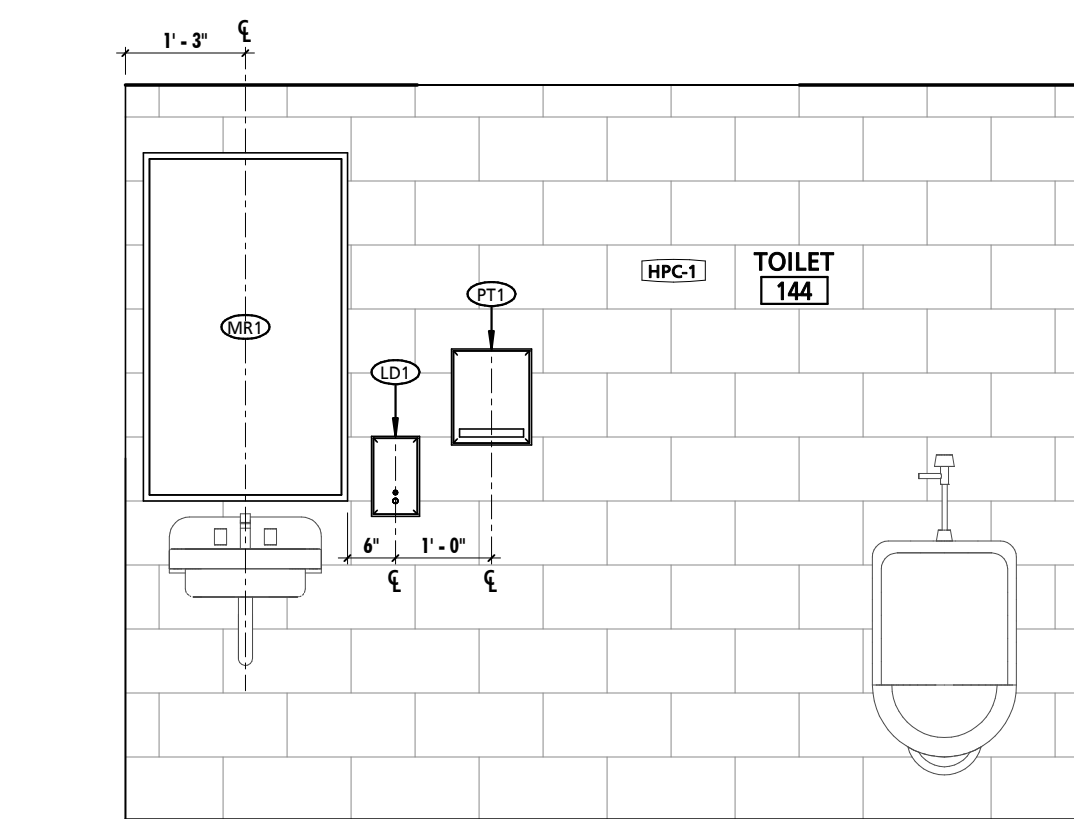
SCHEDULE - TOILET ROOM ACCESSORIES				
MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	COMMENTS
CR1	HEAVY DUTY SHOWER CURTAIN ROD	AMERICAN SPECIALTIES	1214/1209-SHU	<varies>
CS1	RECESSED DIAPER CHANGING STATION	AMERICAN SPECIALTIES	9013	
DT51	DOUBLE TOWEL RACK W/ TOP SHELF	AMERICAN SPECIALTIES	7311-24	
E7	BLACKOUT ROLLER SHADE	MECHO	SEE SPECIFICATIONS	By 1a GENERAL PRIME CONTRACTOR
FS51	ADA FOLDING SHOWER SEAT	AMERICAN SPECIALTIES	8203	
GB1	18" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB2	24" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB4	36" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB5	42" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
GB6	48" LONG GRAB BAR	AMERICAN SPECIALTIES	3800	
LD1	SOAP DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
LD2	LAVATORY LIQUID SOAP DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
MH1	MOP & BROOM HOLDER	BOBRICK	B-239X34	
MR1	CHANNEL FRAME MIRROR - 24" WIDE x 42" TALL	AMERICAN SPECIALTIES	0620-2442	
MR2	CUSTOM CHANNEL FRAME MIRROR - 48" TALL	LANCASTER PAINT & GLASS	N/A	VERIFY MAX WIDTH IN FIELD PRIOR TO FABRICATION
PT1	WALL MOUNTED PAPER TOWEL DISPENSER	N/A	N/A	<varies>
RH1	DOUBLE ROBE HOOK	AMERICAN SPECIALTIES	7345	
SDS1	SOAP DISH SHELF	AMERICAN SPECIALTIES	7380-S18	
SN1	SANITARY WASTE RECEPTACLE	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED
TP1	TOILET PAPER DISPENSER	N/A	N/A	OWNER PROVIDED CONTRACTOR INSTALLED



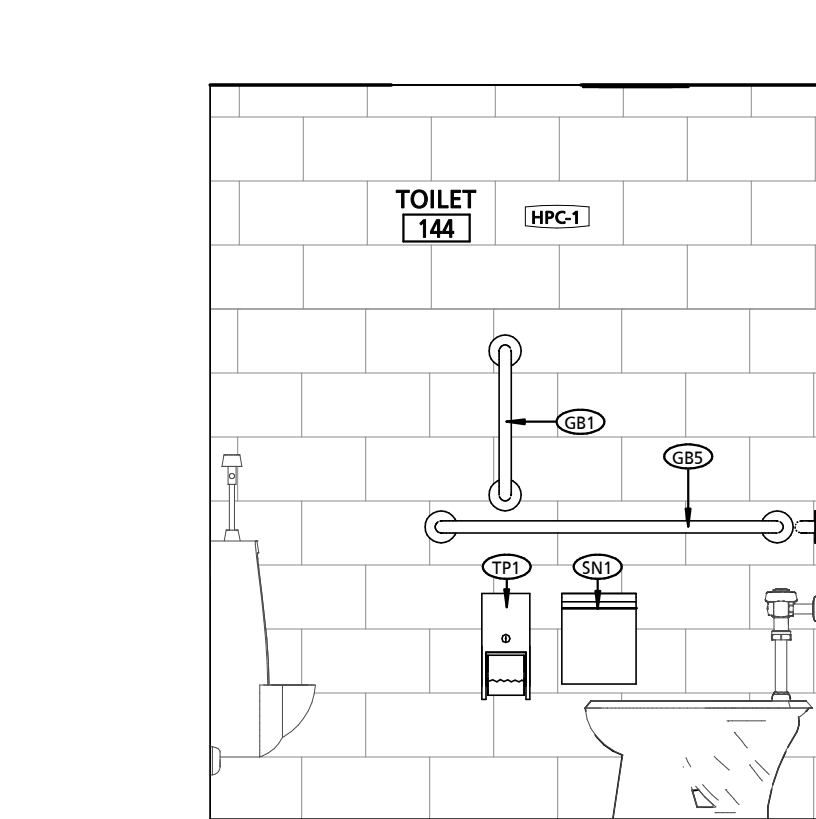
1 CLEAN ROOM 135 - SHOWER ROOMS 136 & 137
1/2" = 1'-0"



7 TOILET 144
1/2" = 1'-0"

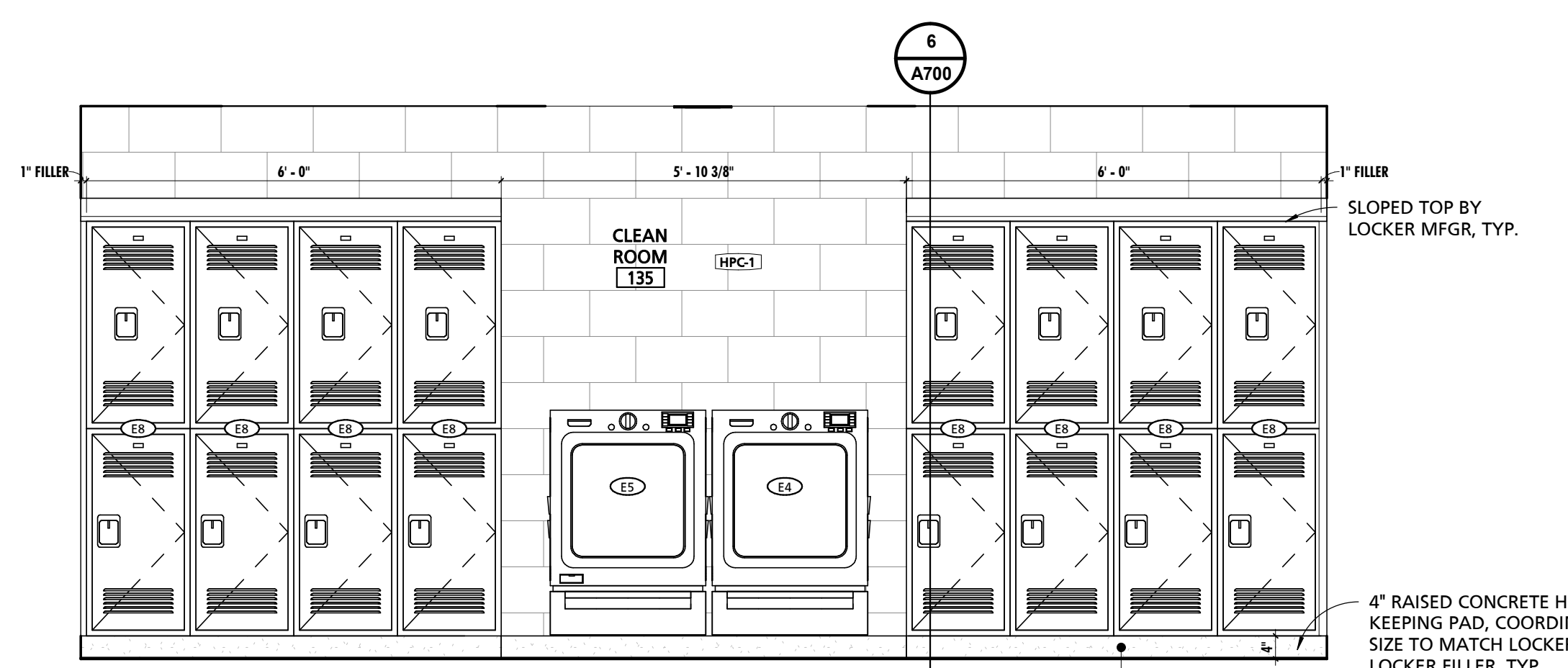


8 TOILET 144 NORTH ELEVATION
1/2" = 1'-0"

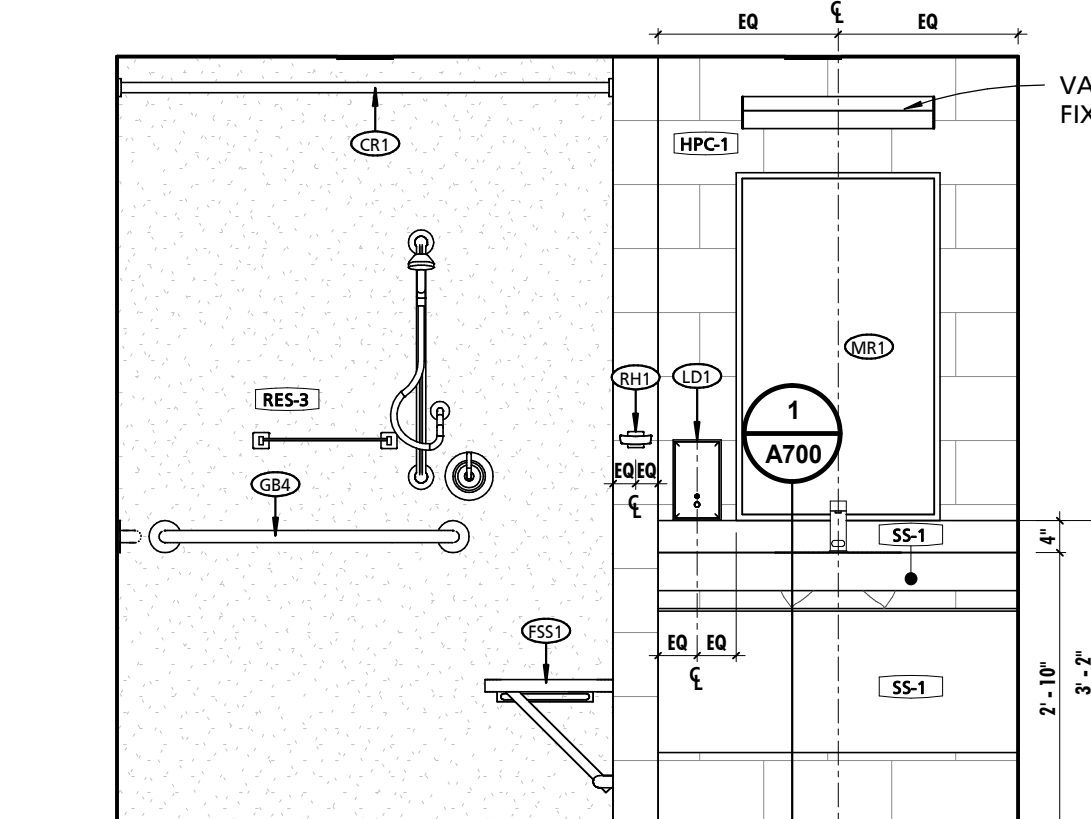


9 TOILET 144 EAST ELEVATION
1/2" = 1'-0"

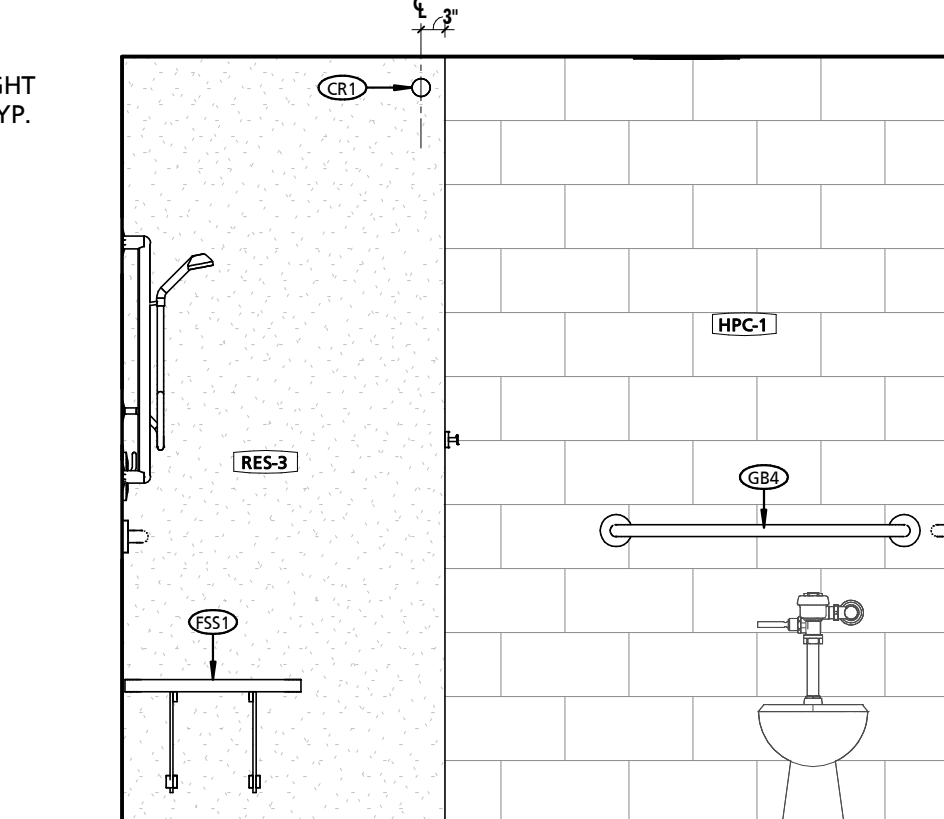
GENERAL INTERIOR ELEVATION NOTES	
NOTE #	NOTE
1	CONTRACTOR SHALL BE REQUIRED TO COORDINATE FINAL CASEWORK SHOP DRAWINGS AND INSTALLATION WITH ALL EQUIPMENT, INCLUDING EQUIPMENT PROVIDED BY OWNER. COORDINATION EFFORTS SHALL INCLUDE BUT ARE NOT LIMITED TO ENSURING PROPER CLEARANCES ARE PROVIDED FOR BOTH INSTALLATION AND OPERATION. EQUIPMENT SHALL BE AS TIGHT TO CASEWORK AS POSSIBLE AS PERMITTED BY EQUIPMENT REQUIREMENTS. PRIOR TO INSTALLATION OF CASEWORK EQUIPMENT CUT SHEETS & INSTALLATION INSTRUCTIONS SHALL BE POSTED WITH IN THE ROOM WHERE WORK IS BEING PERFORMED.
2	CONTRACTOR SHALL VERIFY FINAL REVISED SHOP DRAWINGS CONFORM TO EQUIPMENT AND CLEARANCE REQUIREMENTS OF ACTUAL PURCHASED EQUIPMENT AS EQUIPMENT TYPES AND MODELS ARE SUBJECT TO FACTORY BASED CHANGES FROM THE TIME OF DESIGN TO THE TIME OF PURCHASE INSTALL.
3	REFER TO SHEET A108 FOR EQUIPMENT SCHEDULE & NOTES.
4	ALIGN BASE AND WALL TILE GROUT LINES WITH FLOOR TILE GROUT LINES U.N.O.
5	ENLARGED PLAN DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF GWB UNLESS NOTED OTHERWISE.
6	INTERIOR ELEVATION DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF TILE.
7	START TILE WORKPOINT ABBREVIATION (S.T.W.)



2 CLEAN ROOM 135 WEST ELEVATION
1/2" = 1'-0"

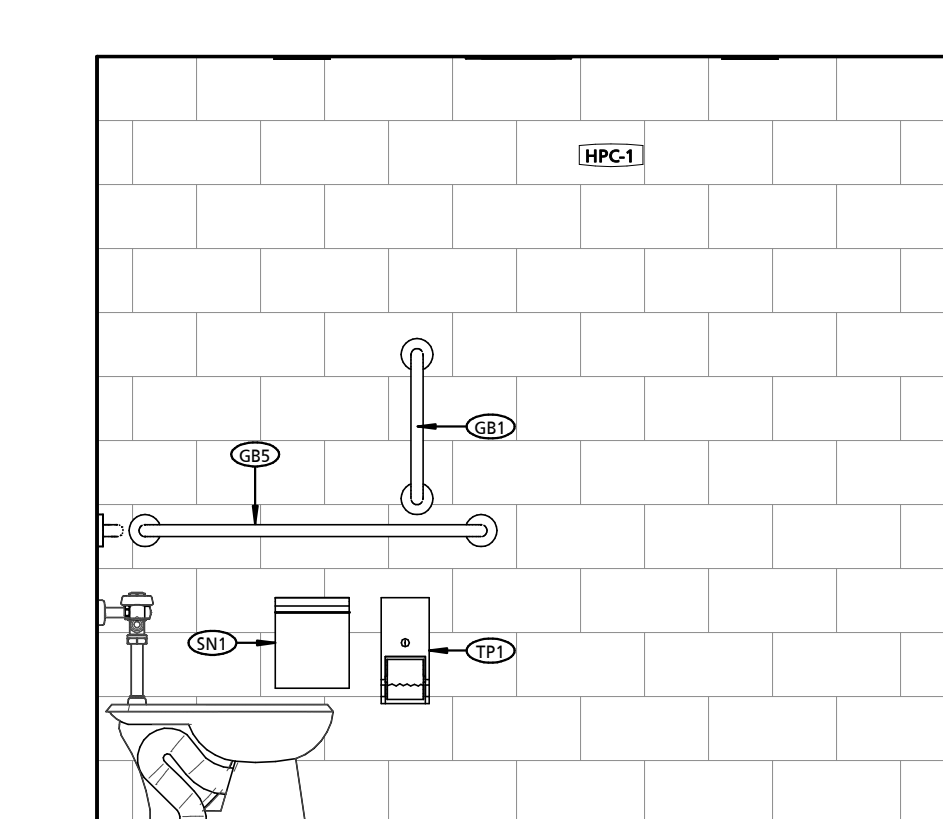


3 TYPICAL SHOWER LAV WALL ELEVATION
1/2" = 1'-0"

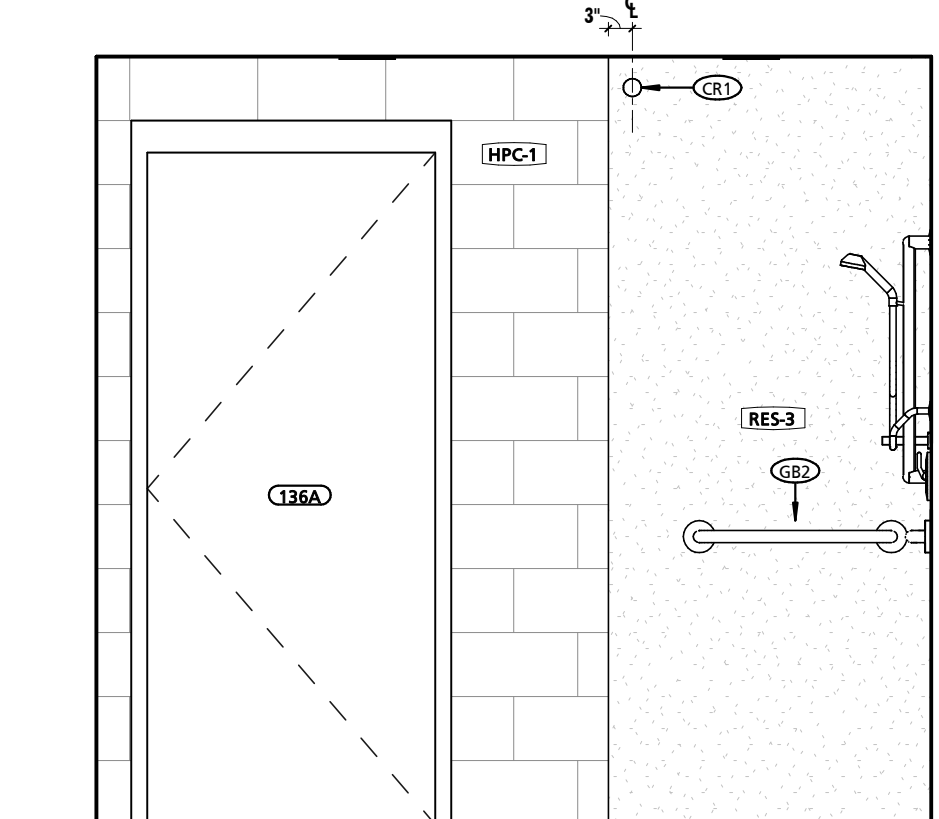


4 TYPICAL SHOWER EAST ELEVATION
1/2" = 1'-0"

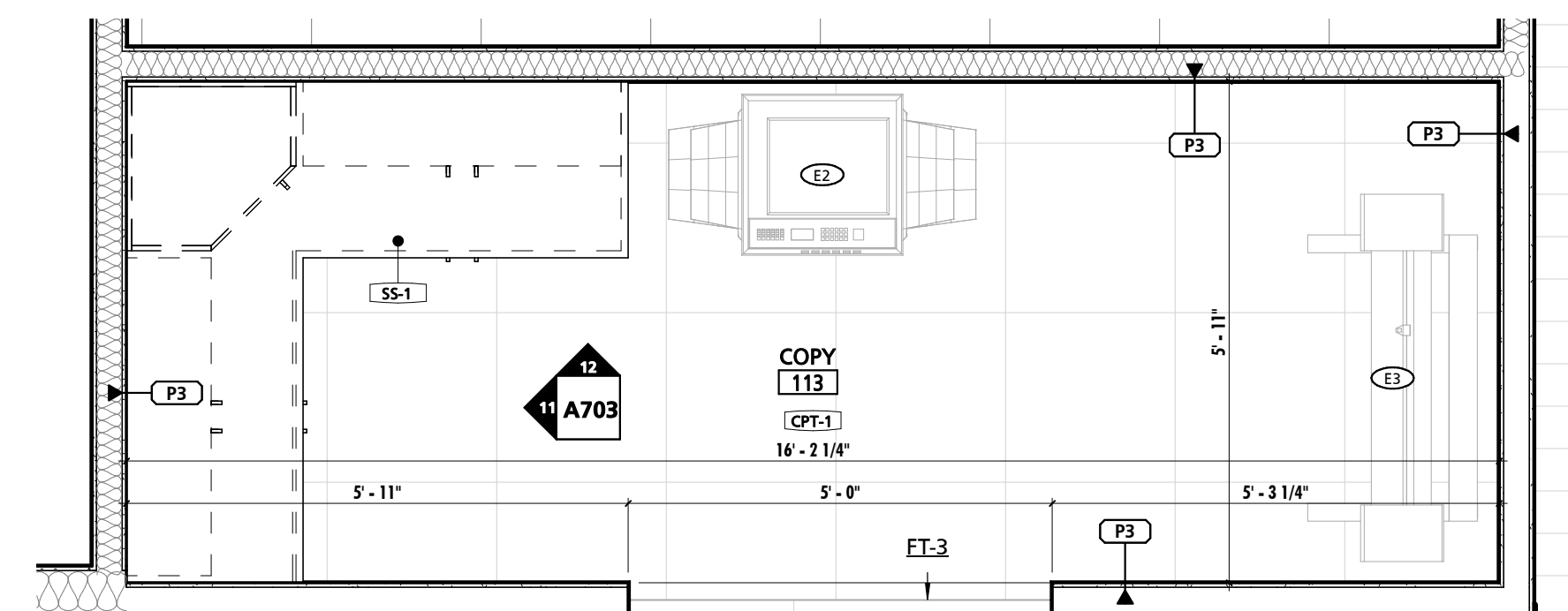
SCHEDULE - MATERIAL FINISH KEY				
FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	COMMENTS
BT-1	6" x 24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	
BT-2	3" x 12" CERAMIC TILE BASE	DALTLITE	LINDEN POINT	
BT-3	4" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
BT-4	6" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
CG-1	CORNER GUARD	PROTEK SYSTEMS	CG-20R	
CPT-1	24"x24" CARPET TILE	MOHAWK GROUP	963 HERITAGE	
CT-1	6"x24" & 12"x24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	6"x24" & 12"x24" STACKED PATTERN - PATTERN B32
CT-2	12"x24" CERAMIC TILE	DALTLITE	LINDEN POINT	
CT-3	2"x2" GLAZED CERAMIC MOSAIC	DALTLITE	LINDEN POINT	
CT-4	12"x24" CERAMIC WALL TILE	DALTLITE	LINDEN POINT	
CT-5	3"x6" CERAMIC SUBWAY WALL TILE	DALTLITE	RETROSPACE	
FRP-1	FIBER REINFORCED PANELING	MARLITE	STANDARD FRP	SMOOTH TEXTURE
FRP-2	FIBER REINFORCED PANELING	MARLITE	ARTIZAN	STACKED PATTERN
HPC-1	HIGH PERFORMANCE COATING - COLOR 1	SHERWIN-WILLIAMS	TBD	
HPC-2	HIGH PERFORMANCE COATING - COLOR 2	SHERWIN-WILLIAMS	TBD	<varies>
HPC-3	HIGH PERFORMANCE COATING - COLOR 3	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED STEEL STRUCTURE, U.N.O.
HPC-4	HIGH PERFORMANCE COATING - COLOR 4	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED METAL DECK, U.N.O.
LVT-1	LUXURY VINYL TILE	ARMSTRONG	NATURAL CREATIONS	NATURAL CREATIONS WITH DIAMOND 10 TECHNOLOGY
PL-1	PLASTIC LAMINATE	FORMICA	TBD	
PL-2	PLASTIC LAMINATE	FORMICA	TBD	
PT-1	PAINT - COLOR 1	SHERWIN-WILLIAMS	TBD	
RES-1	RESINOUS FLOORING - COLOR 1	BASF	URETE HP/F	
RES-2	RESINOUS FLOORING - COLOR 2	BASF	URETE HP/F	
RES-3	RESINOUS FLOORING - COLOR 3	BASF	URETE RG	RESIN WALL SYSTEM IN SHOWER STALLS 136 & 137
RT-1	RESILIENT ATHLETIC FLOORING	JOHNSONITE	REPLAY COMMOTION	
SC-1	SEALED CONCRETE			
SIM-1	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SIM-2	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SP-1	SOUND PANEL	ARMSTRONG	SOUND SOAK	24mm THICK PANELS
SP-2	SOUND PANEL	KIREI	ECHOPANEL	
SS-1	SOLID SURFACE COUNTERTOP	CORIAN	DUPONT	
VCT-1	STATIC-DISSIPATIVE VINYL COMPOSITE TILE	ARMSTRONG	EXCELON SDT	SEE SPECIFICATIONS FOR GROUNDING REQUIREMENTS.



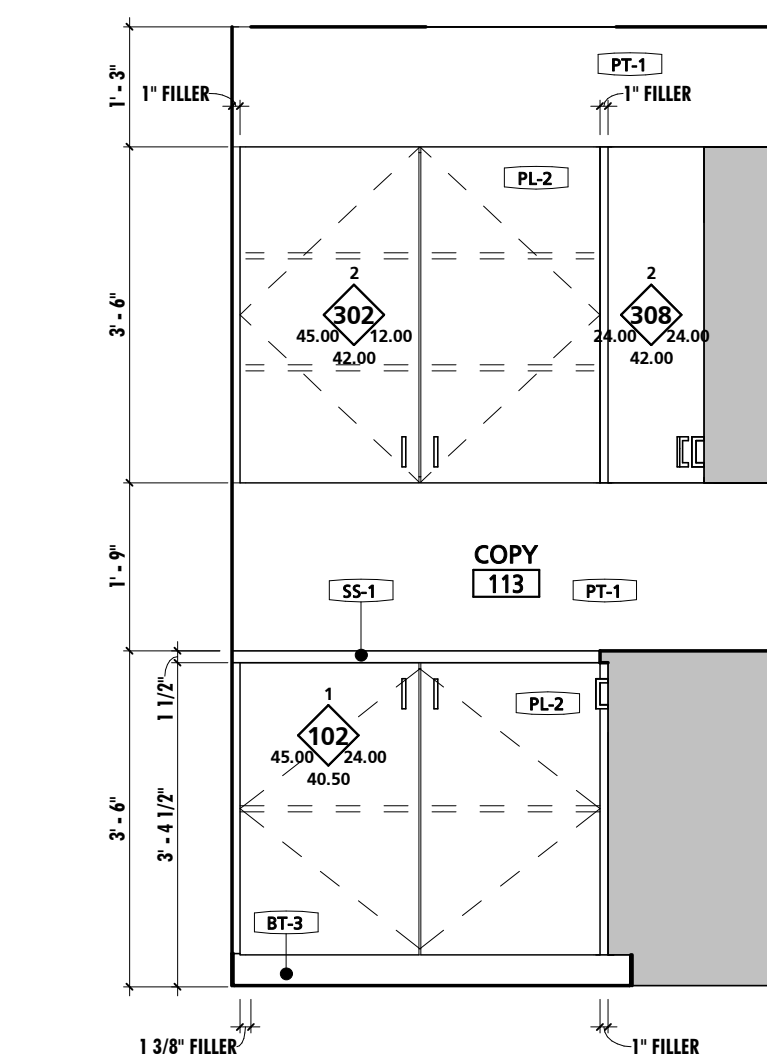
5 TYPICAL SHOWER TP ELEVATION
1/2" = 1'-0"



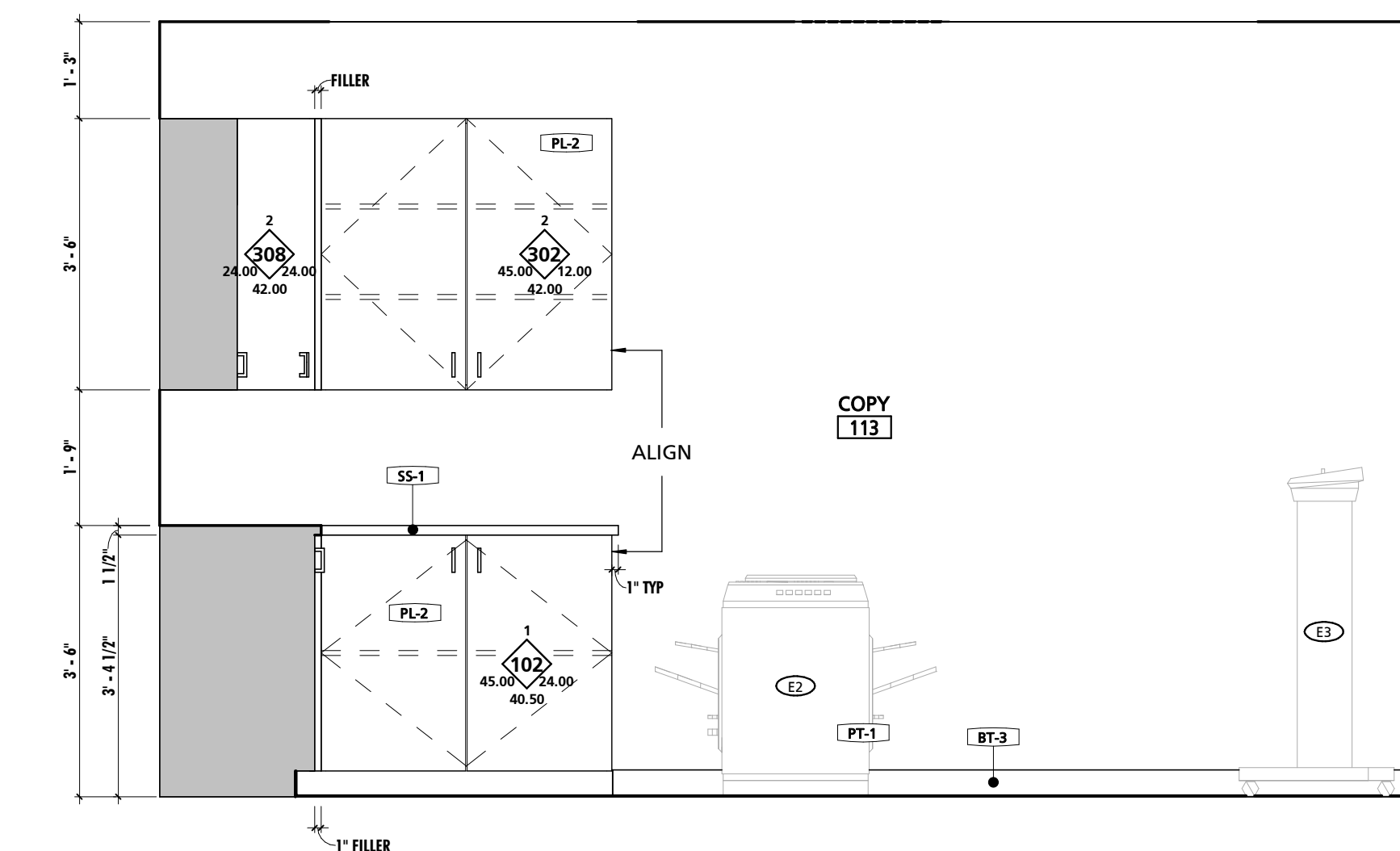
6 TYPICAL SHOWER WEST ELEVATION
1/2" = 1'-0"



10 ENLARGED COPY ROOM PLAN
1/2" = 1'-0"



11 COPY 113 WEST ELEVATION
1/2" = 1'-0"



12 COPY 113 NORTH ELEVATION
1/2" = 1'-0"

GENERAL INTERIOR ELEVATION NOTES

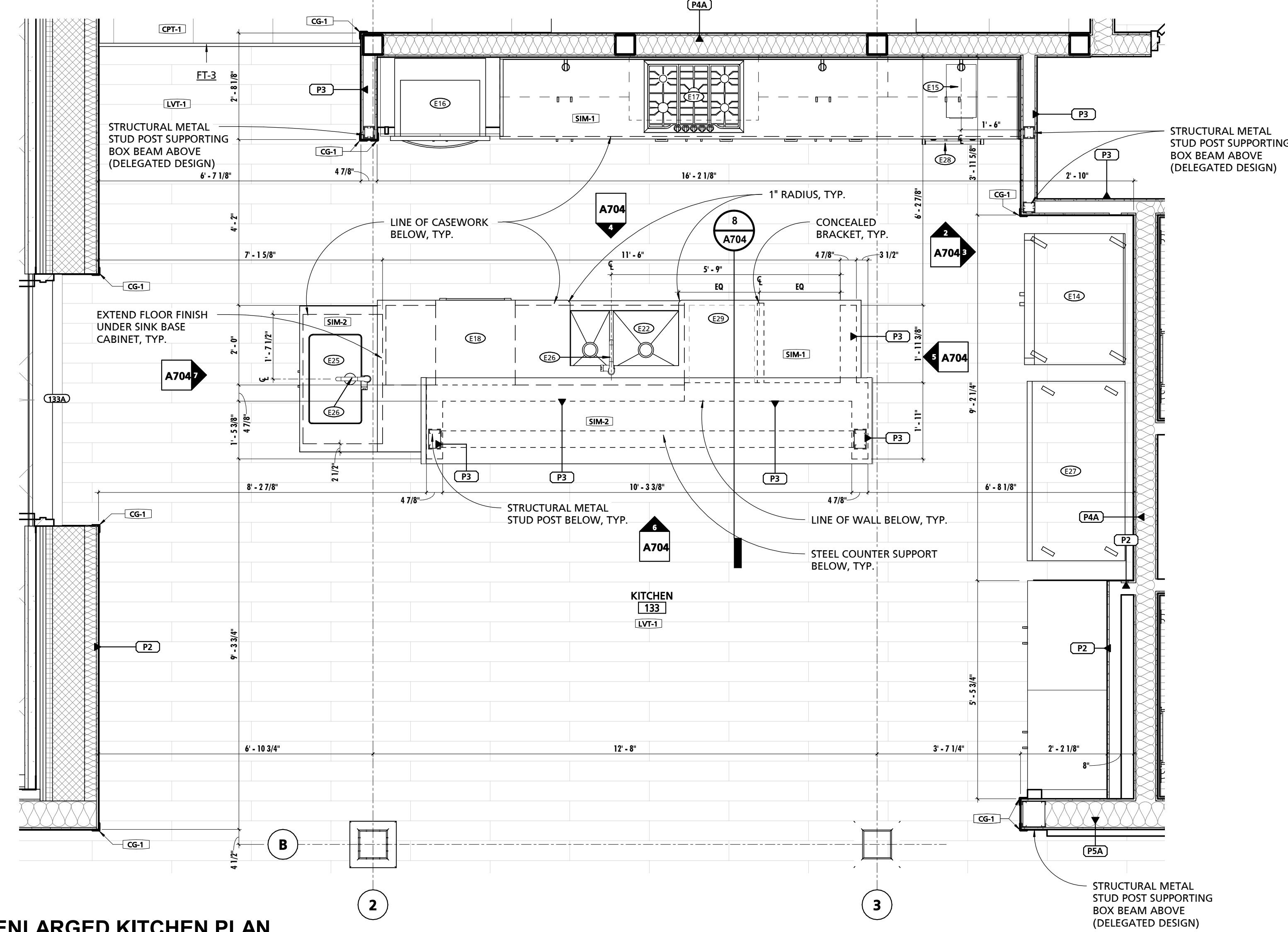
NOTE #	NOTE
1	CONTRACTOR SHALL BE REQUIRED TO COORDINATE FINAL CASEWORK SHOP DRAWINGS AND INSTALLATION WITH ALL EQUIPMENT, INCLUDING EQUIPMENT PROVIDED BY OWNER. COORDINATION EFFORTS SHALL INCLUDE BUT NOT BE LIMITED TO ENSURING PROPER CLEARANCES ARE PROVIDED FOR BOTH INSTALLATION AND OPERATION. EQUIPMENT SHALL BE AS TIGHT TO CASEWORK AS POSSIBLE AS PERMITTED BY EQUIPMENT REQUIREMENTS. PRIOR TO INSTALLATION OF CASEWORK EQUIPMENT CUT SHEETS & INSTALLATION INSTRUCTIONS SHALL BE POSTED WITH IN THE ROOM WHERE WORK IS BEING PERFORMED.
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3	CONTRACTOR SHALL REFER TO ARCHITECTURAL WOODWORK STANDARDS 2014, CABINET DESIGN SERIES (CDS) FOR FURTHER INFORMATION ABOUT CASEWORK.
4	REFER TO SHEET A108 FOR EQUIPMENT SCHEDULE & NOTES.
5	ALIGN BASE AND WALL TILE GROUT LINES WITH FLOOR TILE GROUT LINES U.N.O.
6	ENLARGED PLAN DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF G.W.B UNLESS NOTED OTHERWISE.
7	INTERIOR ELEVATION DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF TILE.

SCHEDULE - MATERIAL FINISH KEY

FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	COMMENTS
BT-1	6" x 24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	
BT-2	3" x 12" CERAMIC TILE BASE	DALTILE	LINDEN POINT	
BT-3	4" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
BT-4	6" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
CG-1	CORNER GUARD	PROTEK SYSTEMS	CG-20R	
CPT-1	24"x24" CARPET TILE	MOHAWK GROUP	963 HERITAGE	6"x24" & 12"x24" STACKED PATTERN - PATTERN B32
CT-1	6"x24" & 12"x24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	
CT-2	12"x24" CERAMIC TILE	DALTILE	LINDEN POINT	
CT-3	25"x2" GLAZED CERAMIC MOSAIC	DALTILE	LINDEN POINT	
CT-4	12"x24" CERAMIC WALL TILE	DALTILE	LINDEN POINT	
CT-5	3"x6" CERAMIC SUBWAY WALL TILE	DALTILE	RETROSPACE	
FRP-1	FIBER REINFORCED PANELING	MARLITE	STANDARD FRP	SMOOTH TEXTURE
FRP-2	FIBER REINFORCED PANELING	MARLITE	ARTIZAN	STACKED PATTERN
HPC-1	HIGH PERFORMANCE COATING - COLOR 1	SHERWIN-WILLIAMS	TBD	<varies>
HPC-2	HIGH PERFORMANCE COATING - COLOR 2	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED STEEL STRUCTURE, U.N.O.
HPC-3	HIGH PERFORMANCE COATING - COLOR 3	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED METAL DECK, U.N.O.
HPC-4	HIGH PERFORMANCE COATING - COLOR 4	SHERWIN-WILLIAMS	TBD	
LVT-1	LUXURY VINYL TILE	ARMSTRONG	NATURAL CREATIONS	NATURAL CREATIONS WITH DIAMOND 10 TECHNOLOGY
PL-1	PLASTIC LAMINATE	FORMICA	TBD	
PL-2	PLASTIC LAMINATE	FORMICA	TBD	
PT-1	PAINT - COLOR 1	SHERWIN-WILLIAMS	TBD	
RES-1	RESINOUS FLOORING - COLOR 1	BASF	URETE HP/F	
RES-2	RESINOUS FLOORING - COLOR 2	BASF	URETE HP/F	
RES-3	RESINOUS FLOORING - COLOR 3	BASF	URETE RG	RESIN WALL SYSTEM IN SHOWER STALLS 136 & 137
RT-1	RESILIENT ATHLETIC FLOORING	JOHNSONITE	REPLAY COMMOTION	
SC-1	SEALED CONCRETE			
SIM-1	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SIM-2	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SP-1	SOUND PANEL	ARMSTRONG	SOUND5OAK	
SP-2	SOUND PANEL	KIREI	ECHOPANEL	24mm THICK PANELS
SS-1	SOLID SURFACE COUNTERTOP	CORIAN	DUPONT	
VCT-1	STATIC-DISSIPATIVE VINYL COMPOSITE TILE	ARMSTRONG	EXCELON SDT	SEE SPECIFICATIONS FOR GROUNDING REQUIREMENTS.

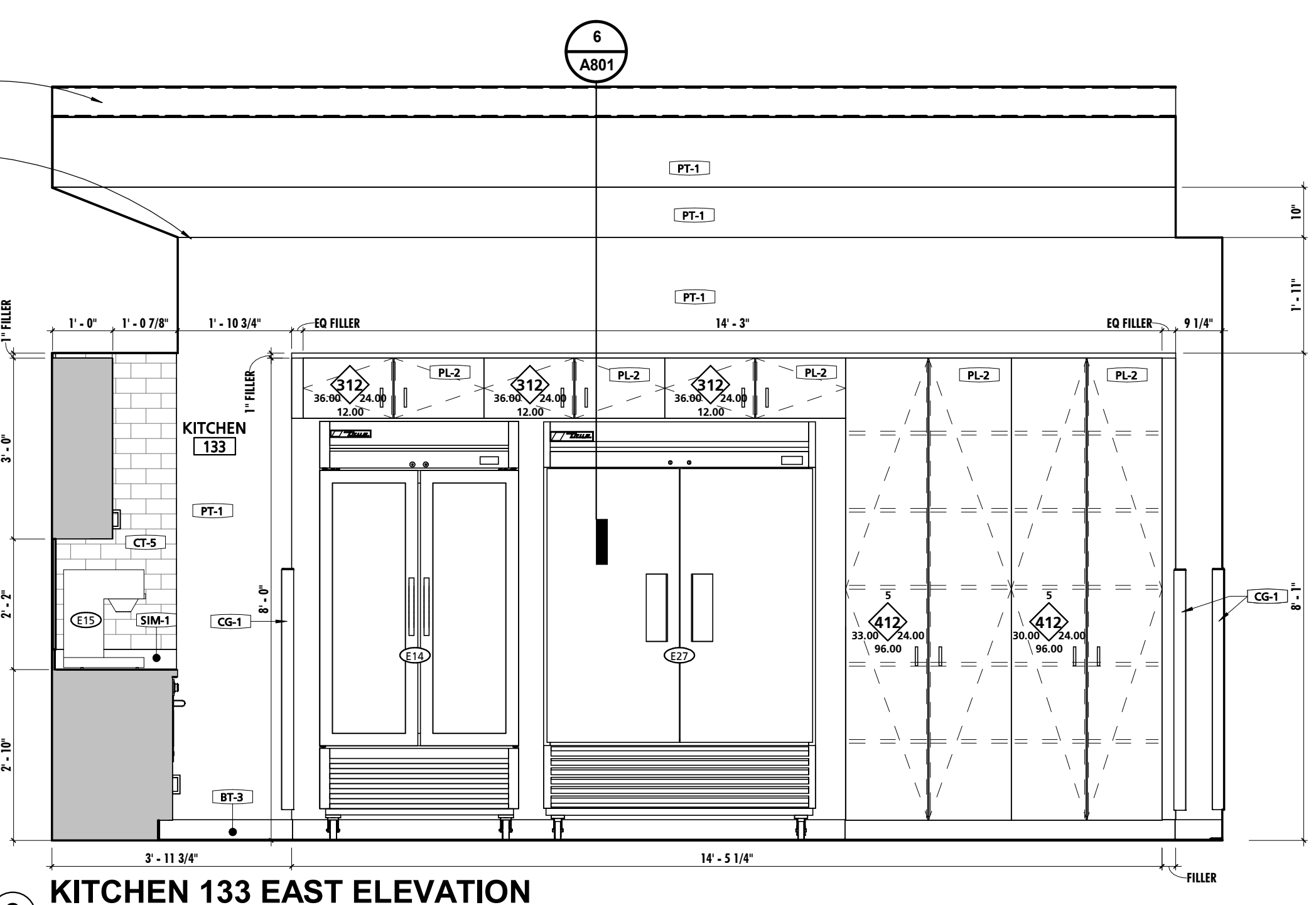
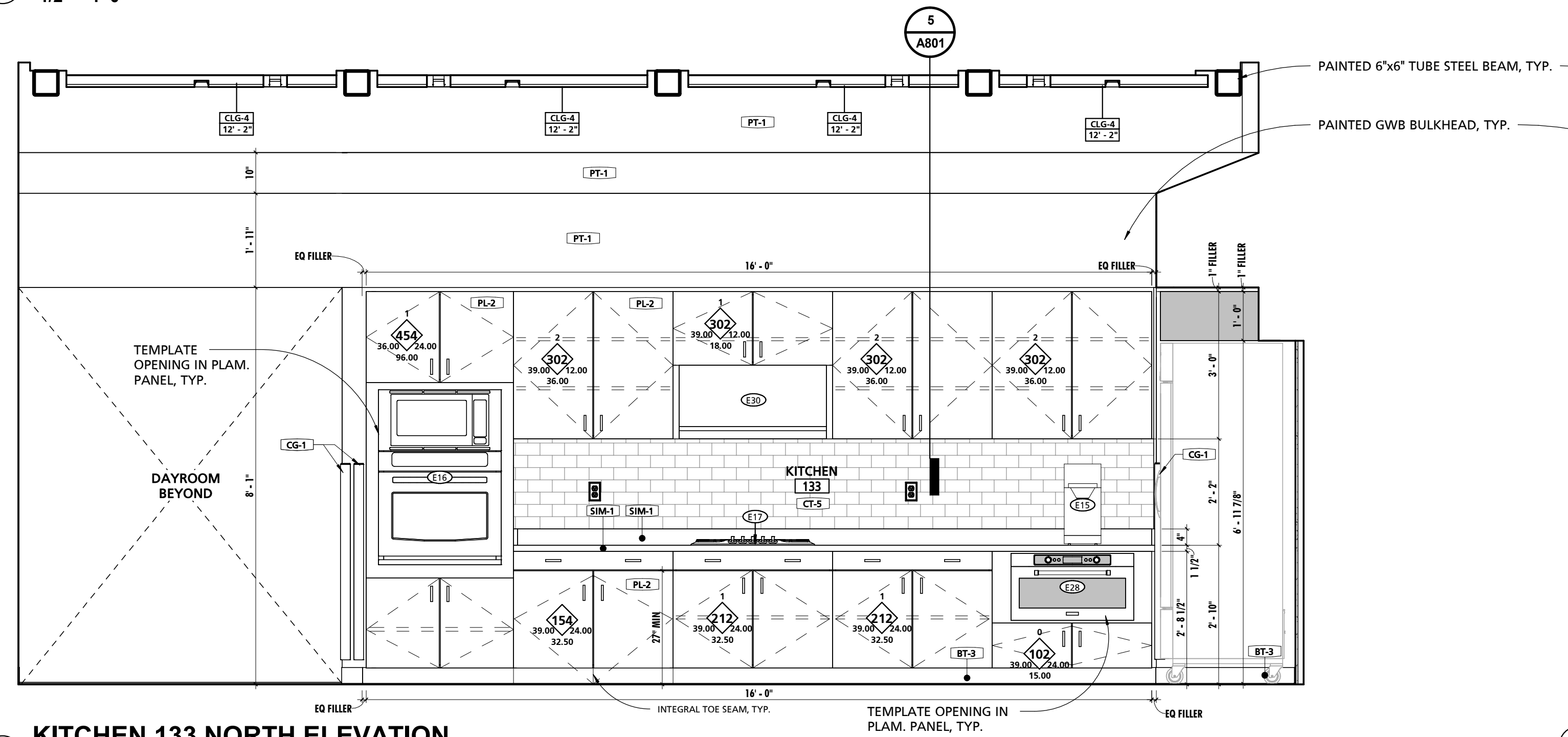
SEAL: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #6405311 EXPIRATION DATE: 6/30/2023

THIS CONFIRMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS THEREON. ANY CHANGES TO THE CONTRACT DOCUMENTS MADE IN ACCORDANCE WITH THE CHANGES TO THE CONTRACT DOCUMENTS SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, SPECIFICATIONS, ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFIRMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.



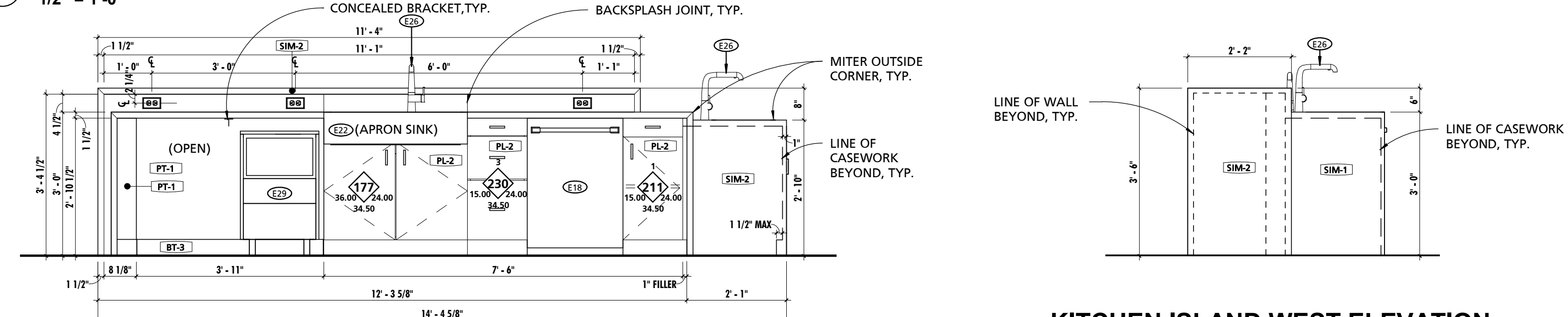
9 KITCHEN 3D VIEW

1 ENLARGED KITCHEN PLAN
1/2" = 1'-0"



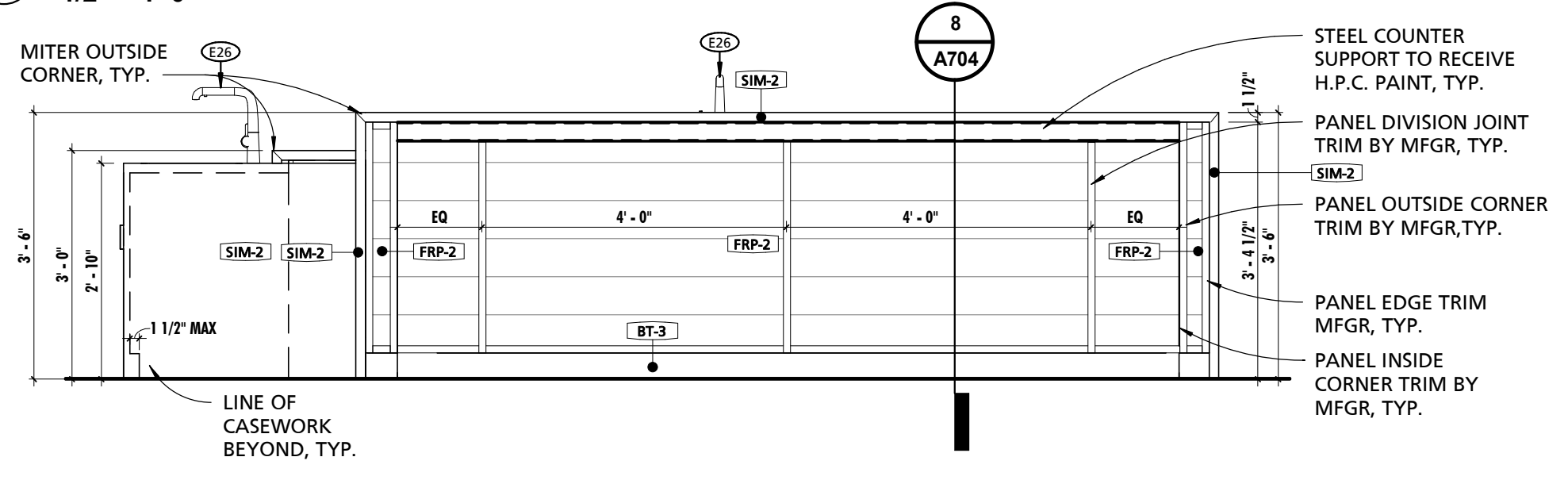
2 KITCHEN 133 NORTH ELEVATION
1/2" = 1'-0"

3 KITCHEN 133 EAST ELEVATION
1/2" = 1'-0"

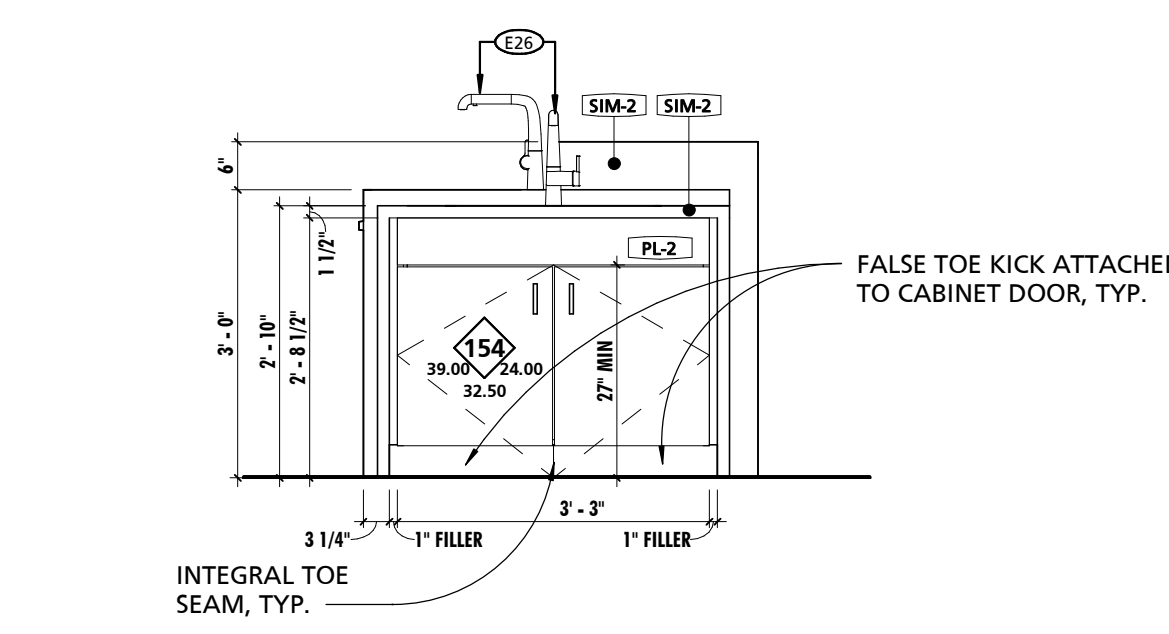


4 KITCHEN ISLAND SOUTH ELEVATION
1/2" = 1'-0"

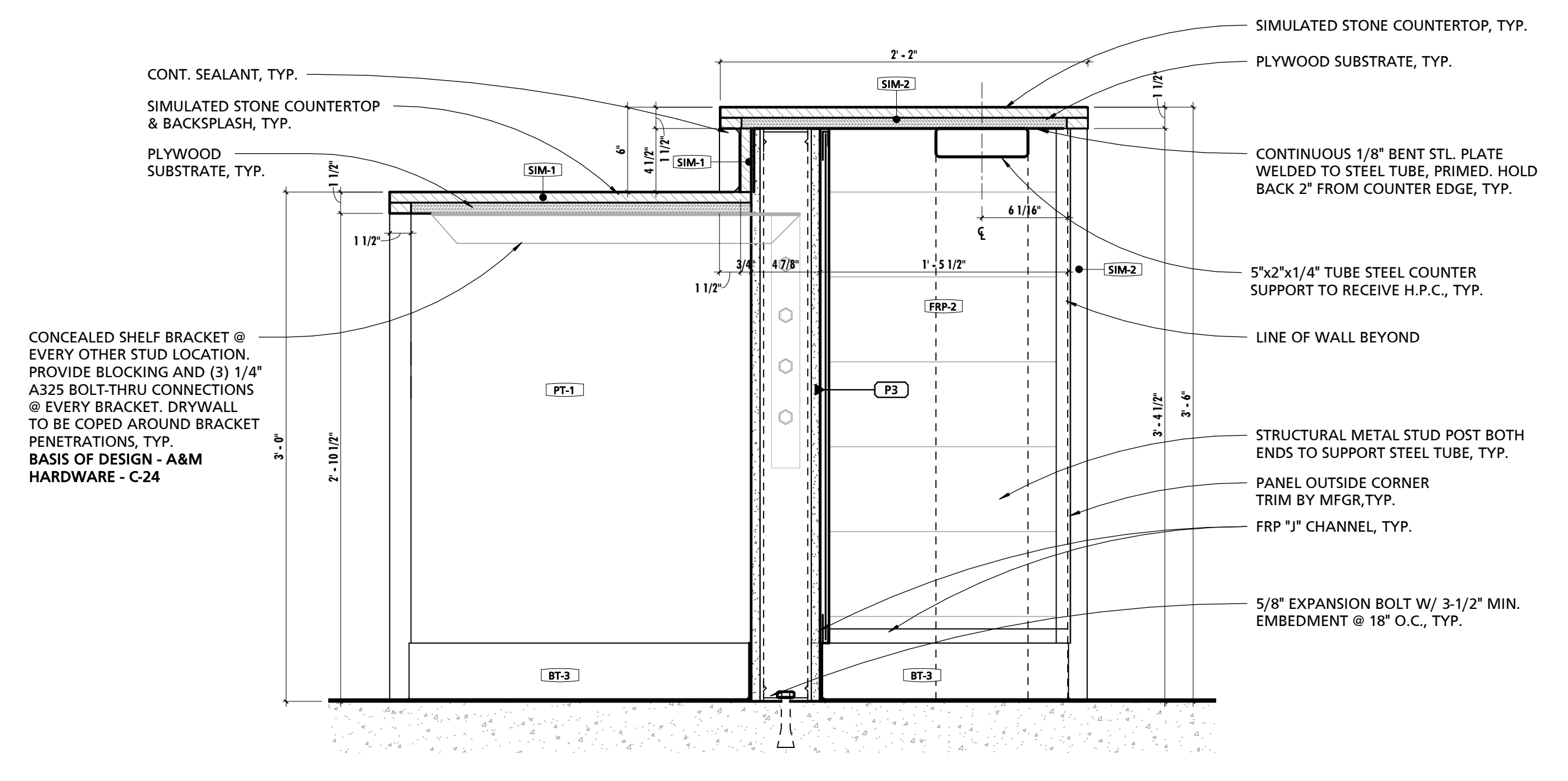
5 KITCHEN ISLAND WEST ELEVATION
1/2" = 1'-0"



6 KITCHEN ISLAND NORTH ELEVATION
1/2" = 1'-0"



7 KITCHEN ISLAND EAST ELEVATION
1/2" = 1'-0"

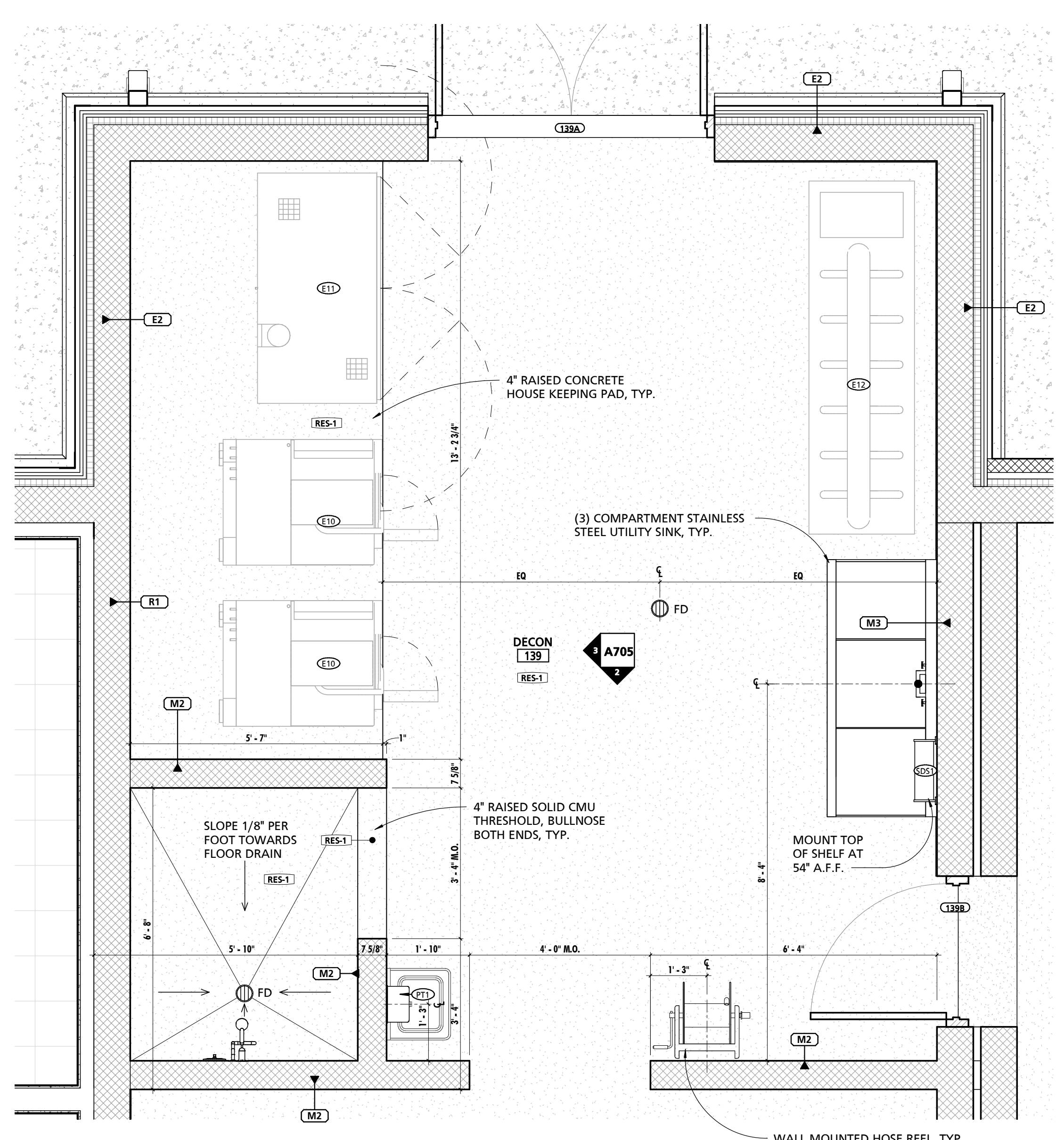


8 KITCHEN ISLAND SECTION
1 1/2" = 1'-0"

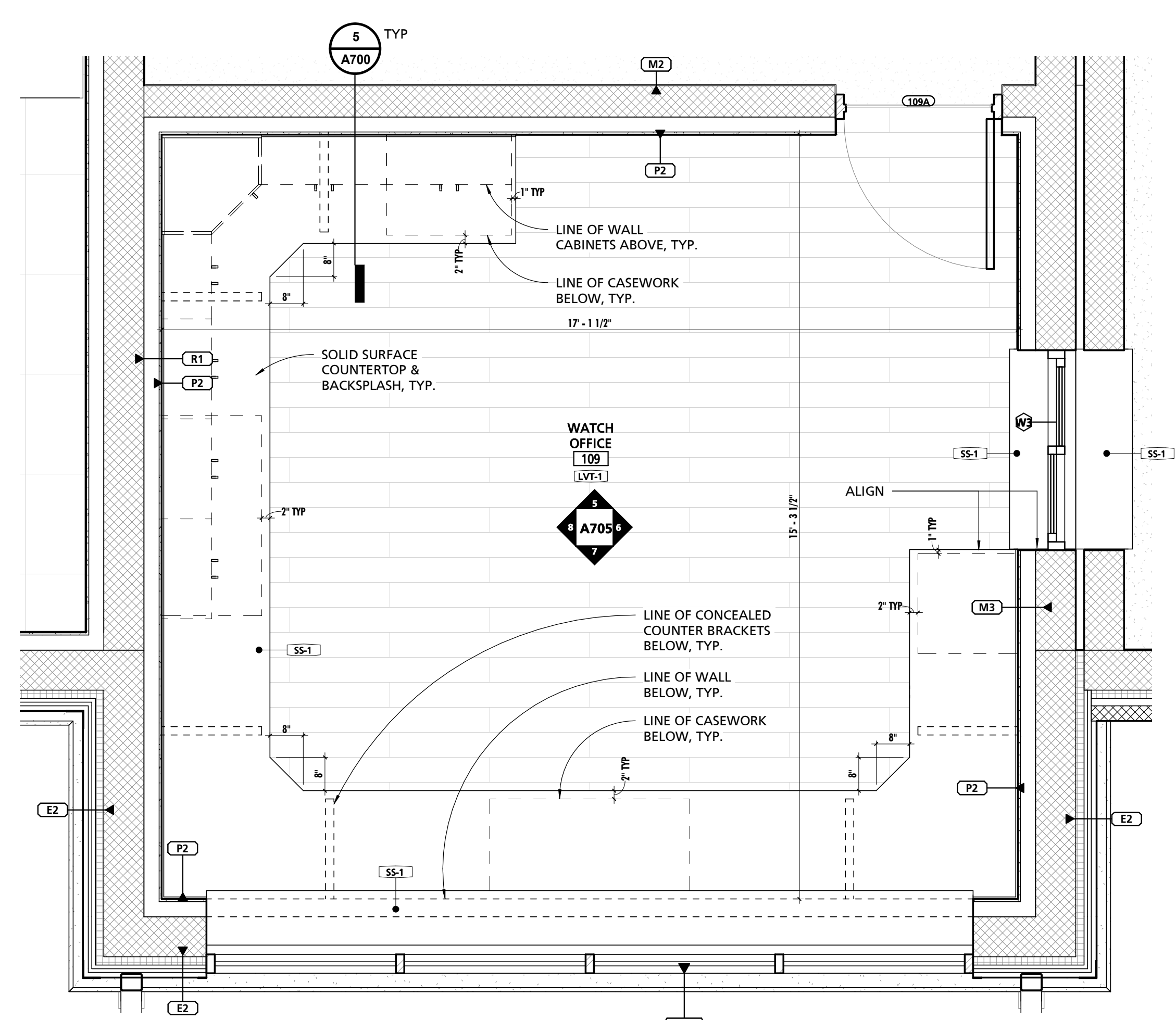
CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER: 18-036
PROJECT SET: BID SET
DATE ISSUED: 11/30/2023
DRAWING TITLE: ENLARGED PLANS & INT. ELEVATIONS
SHEET NUMBER: A704

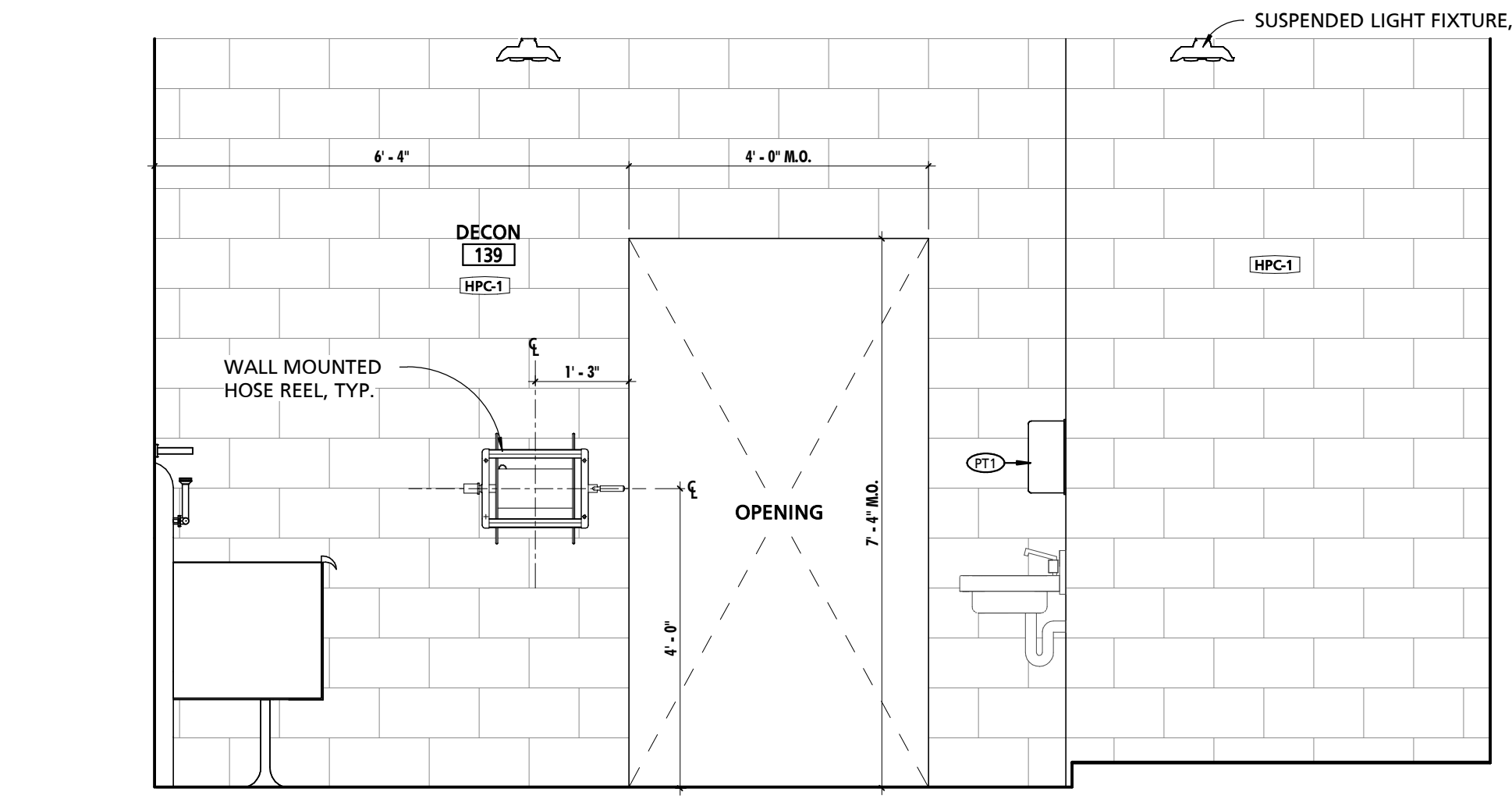


1 ENLARGED DECON PLAN
1/2" = 1'-0"



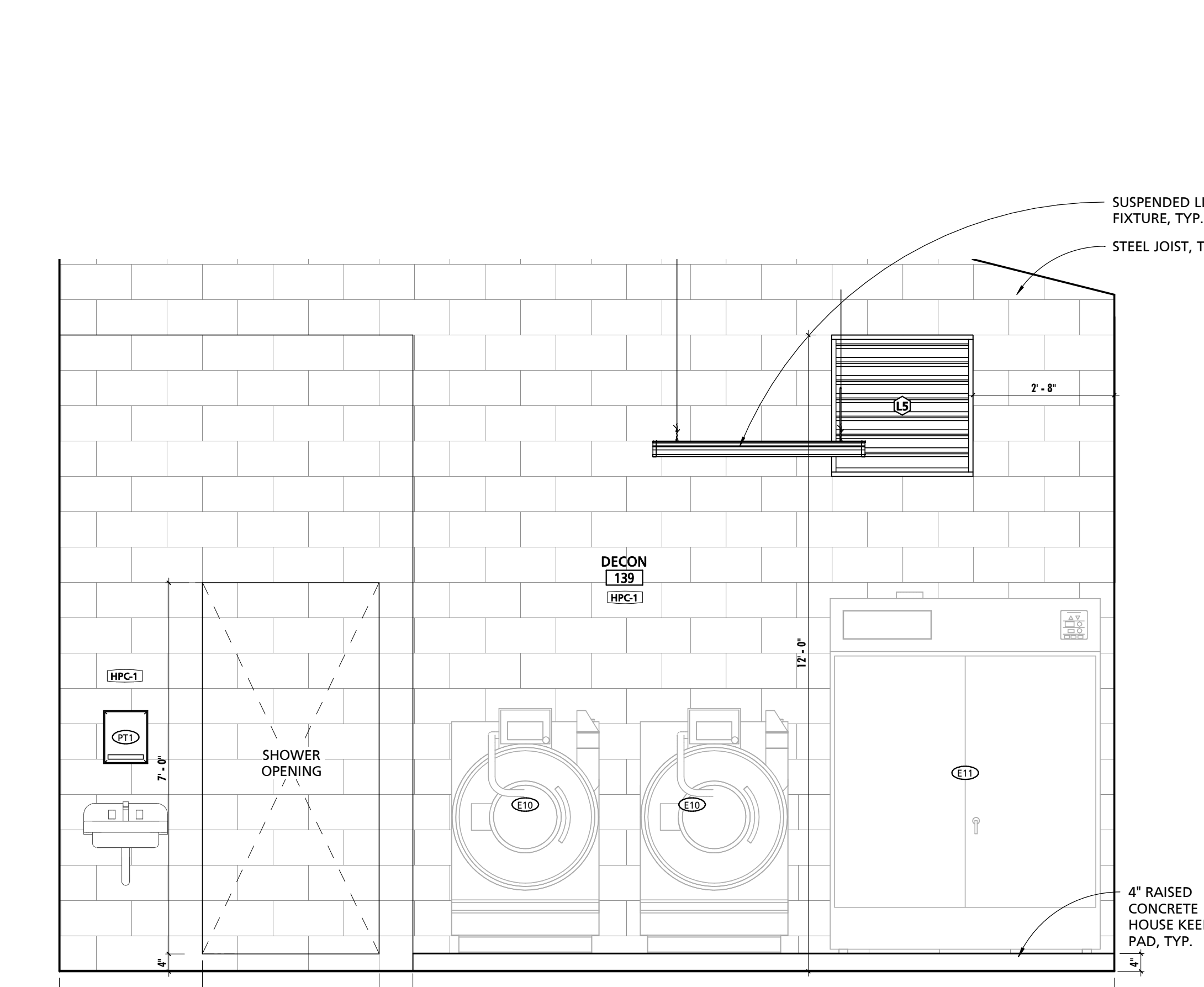
4 ENLARGED WATCH OFFICE PLAN
1/2" = 1'-0"

FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	COMMENTS
BT-1	6" x 24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	
BT-2	3" x 12" CERAMIC TILE BASE	DALTILE	LINDEN POINT	
BT-3	4" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
BT-4	6" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
CG-1	CORNER GUARD	PROTEK SYSTEMS	CG-20R	
CPT-1	24"x24" CARPET TILE	MOHAWK GROUP	963 HERITAGE	
CT-1	6"x24" & 12"x24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	6"x24" & 12"x24" STACKED PATTERN - PATTERN B32
CT-2	12"x24" CERAMIC TILE	DALTILE	LINDEN POINT	
CT-3	2"x2" GLAZED CERAMIC MOSAIC	DALTILE	LINDEN POINT	
CT-4	12"x24" CERAMIC WALL TILE	DALTILE	LINDEN POINT	
CT-5	3"x6" CERAMIC SUBWAY WALL TILE	DALTILE	RETROSPACE	
FRP-1	FIBER REINFORCED PANELING	MARLITE	STANDARD FRP	SMOOTH TEXTURE
FRP-2	FIBER REINFORCED PANELING	MARLITE	ARTIZAN	STACKED PATTERN
HPC-1	HIGH PERFORMANCE COATING - COLOR 1	SHERWIN-WILLIAMS	TBD	
HPC-2	HIGH PERFORMANCE COATING - COLOR 2	SHERWIN-WILLIAMS	TBD	<varies>
HPC-3	HIGH PERFORMANCE COATING - COLOR 3	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED STEEL STRUCTURE, U.N.O.
HPC-4	HIGH PERFORMANCE COATING - COLOR 4	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED METAL DECK, U.N.O.
LVT-1	LUXURY VINYL TILE	ARMSTRONG	NATURAL CREATIONS	NATURAL CREATIONS WITH DIAMOND TECHNOLOGY
PL-1	PLASTIC LAMINATE	FORMICA	TBD	
PL-2	PLASTIC LAMINATE	FORMICA	TBD	
PT-1	PAINT - COLOR 1	SHERWIN-WILLIAMS	TBD	
RES-1	RESINOUS FLOORING - COLOR 1	BASF	UCRETE HP/F	
RES-2	RESINOUS FLOORING - COLOR 2	BASF	UCRETE HP/F	
RES-3	RESINOUS FLOORING - COLOR 1	BASF	UCRETE RG	RESIN WALL SYSTEM IN SHOWER STALLS 136 & 137
RT-1	RESILIENT ATHLETIC FLOORING	JOHNSONITE	REPLAY COMMOTION	
SC-1	SEALED CONCRETE			
SIM-1	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SIM-2	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SP-1	SOUND PANEL	ARMSTRONG	SOUNDSOAK	
SP-2	SOUND PANEL	KIREI	ECHOPANEL	24mm THICK PANELS
SS-1	SOLID SURFACE COUNTERTOP	CORIAN	DUPONT	
VCT-1	STATIC-DISSIPATIVE VINYL COMPOSITE TILE	ARMSTRONG	EXCELON SDT	SEE SPECIFICATIONS FOR GROUNDING REQUIREMENTS.

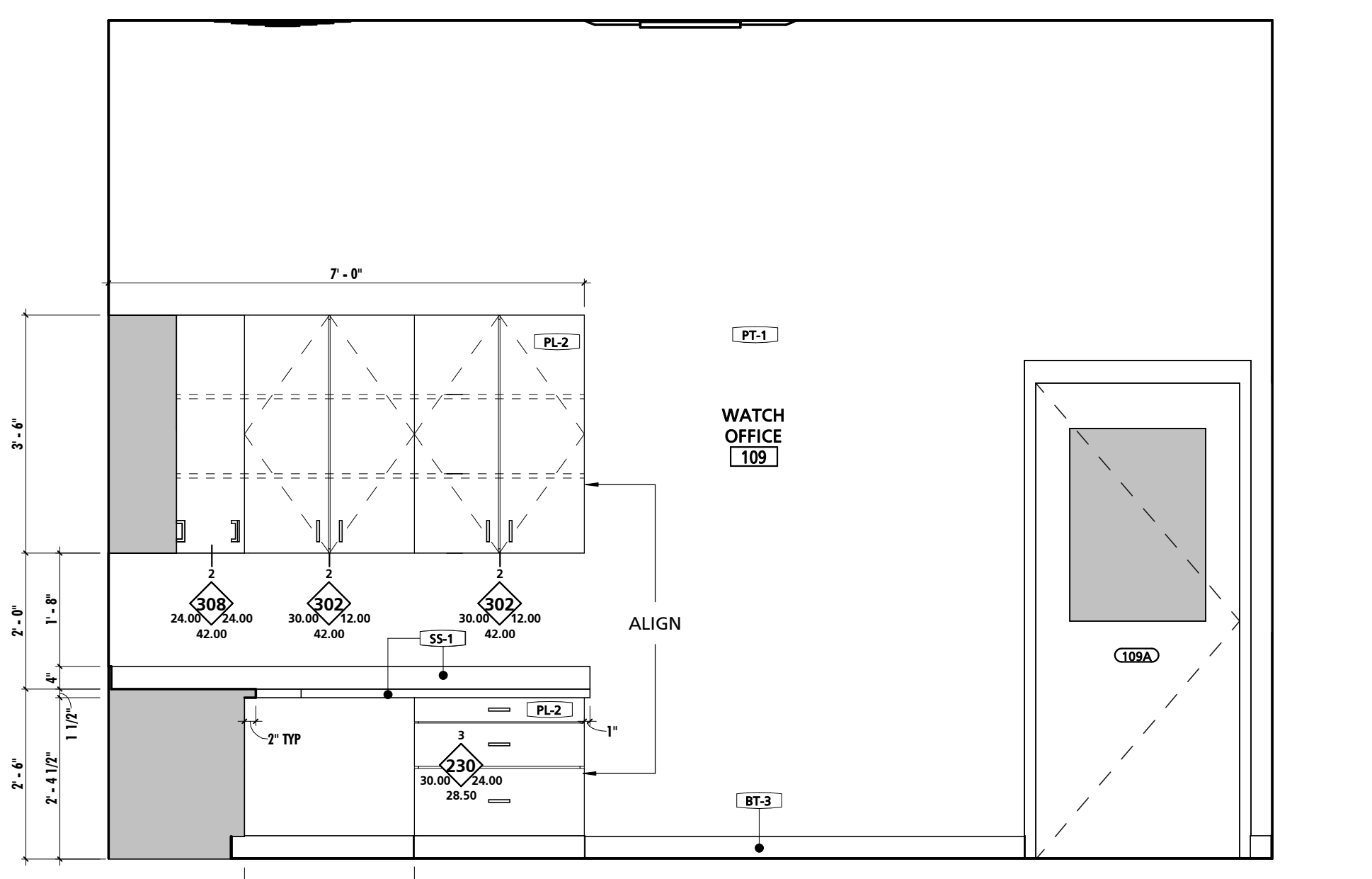


2 DECON 139 SOUTH ELEVATION
1/2" = 1'-0"

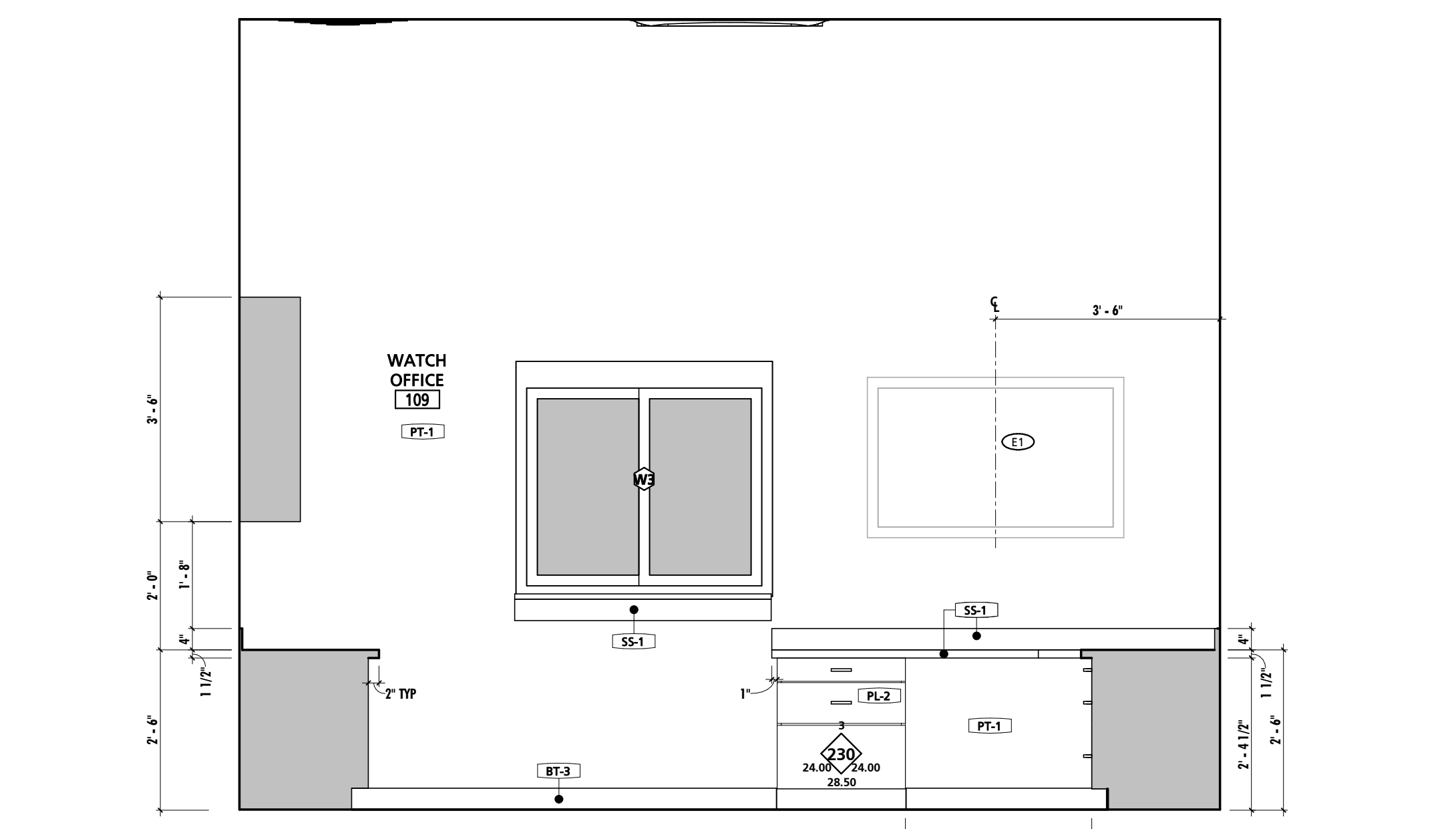
NOTE #	NOTE
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2	CONTRACTOR SHALL REFER TO ARCHITECTURAL WOODWORK STANDARDS 2014, CABINET DESIGN SERIES (CDS) FOR FURTHER INFORMATION ABOUT CASEWORK.
3	REFER TO SHEET A108 FOR EQUIPMENT SCHEDULE & NOTES.
4	ALIGN BASE AND WALL TILE GROUT LINES WITH FLOOR TILE GROUT LINES U.N.O.
5	ENLARGED PLAN DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF GMB UNLESS NOTED OTHERWISE.
6	INTERIOR ELEVATION DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF TILE.
7	START TILE WORKPOINT ABBREVIATION (S.T.W.)



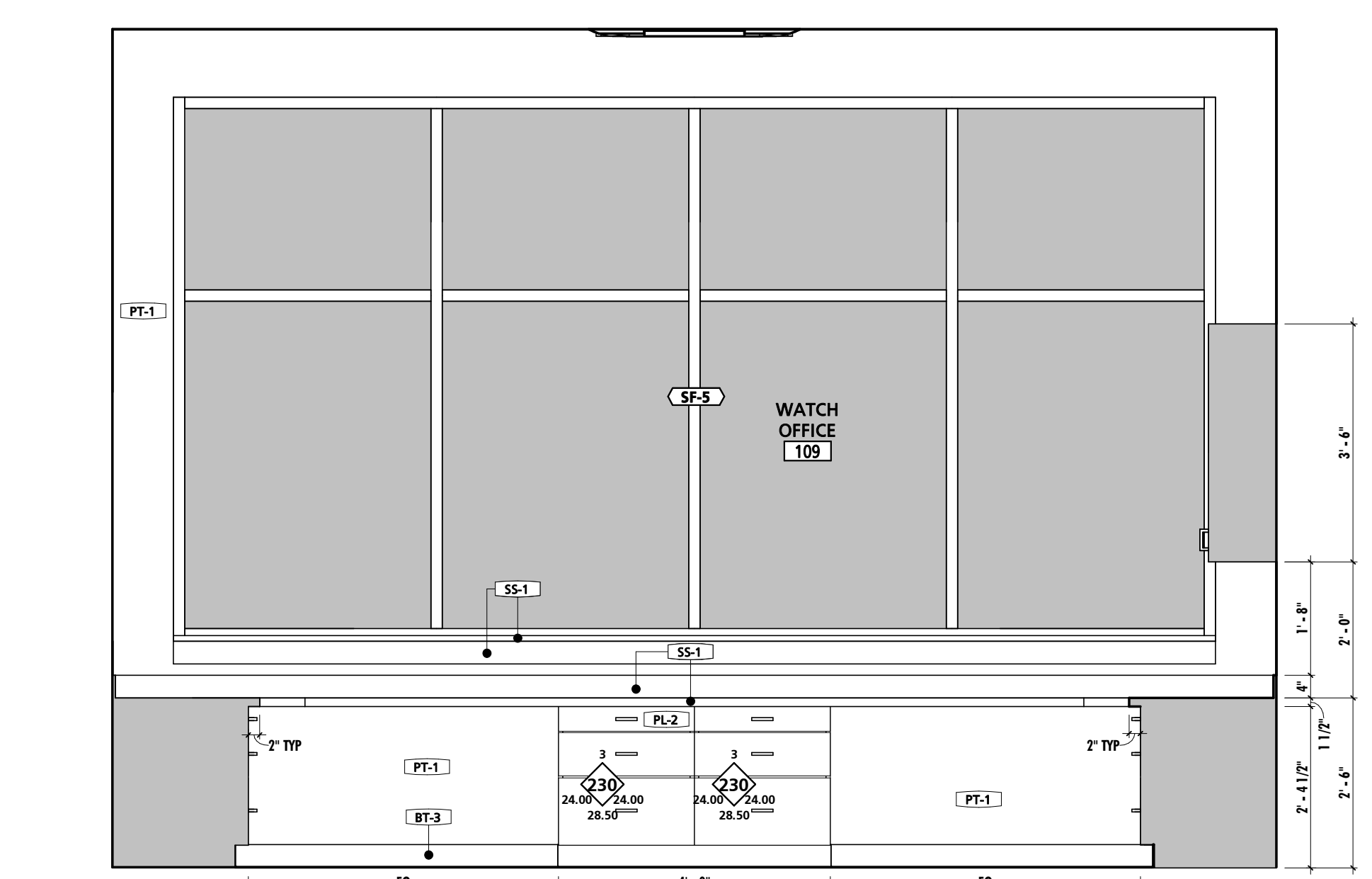
3 DECON 139 WEST ELEVATION
1/2" = 1'-0"



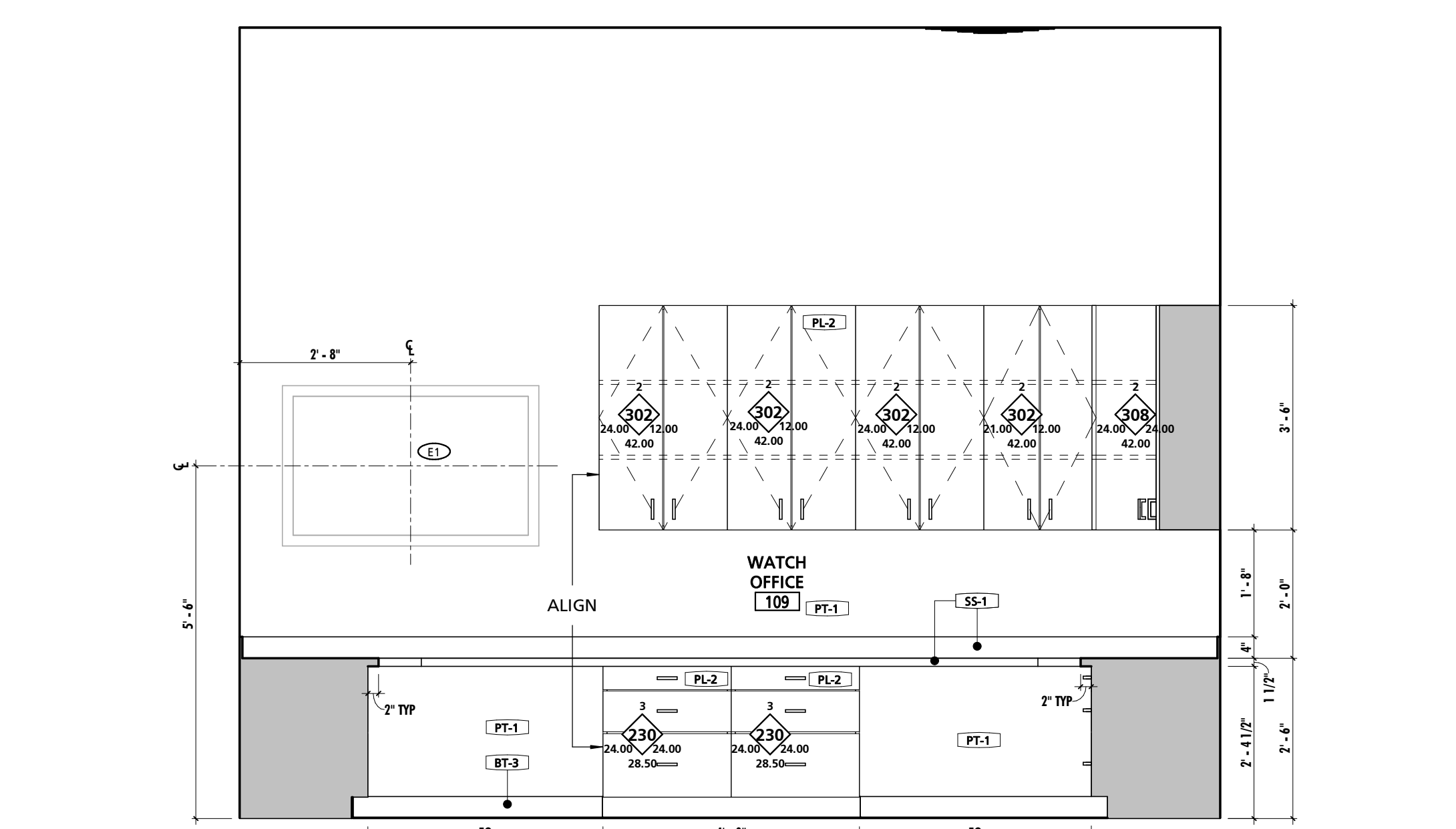
5 WATCH OFFICE 109 NORTH ELEVATION
1/2" = 1'-0"



6 WATCH OFFICE 109 EAST ELEVATION
1/2" = 1'-0"



7 WATCH OFFICE 109 SOUTH ELEVATION
1/2" = 1'-0"



8 WATCH OFFICE 109 WEST ELEVATION
1/2" = 1'-0"



10839-D PHILADELPHIA RD
WHITE MARSH, MD 21162
(P) 410-344-1460
(F) 443-403-2460
(E) INFO@MWSARCH.COM
WWW.MWSARCH.COM

THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDENDUM 1A. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, DRAWINGS, AND SPECIFICATIONS. ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #8405311 EXPIRATION DATE: 6/30/2023

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER: 18-036
PROJECT SET: BID SET
DATE ISSUED: 11/30/2023
DRAWING TITLE: ENLARGED PLANS & INT. ELEVATIONS
SHEET NUMBER: A705

SEAL:
I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #0405311 EXPIRATION DATE: 6/30/2023

THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDENDUM 1A. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, DRAWINGS AND SPECIFICATIONS. ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

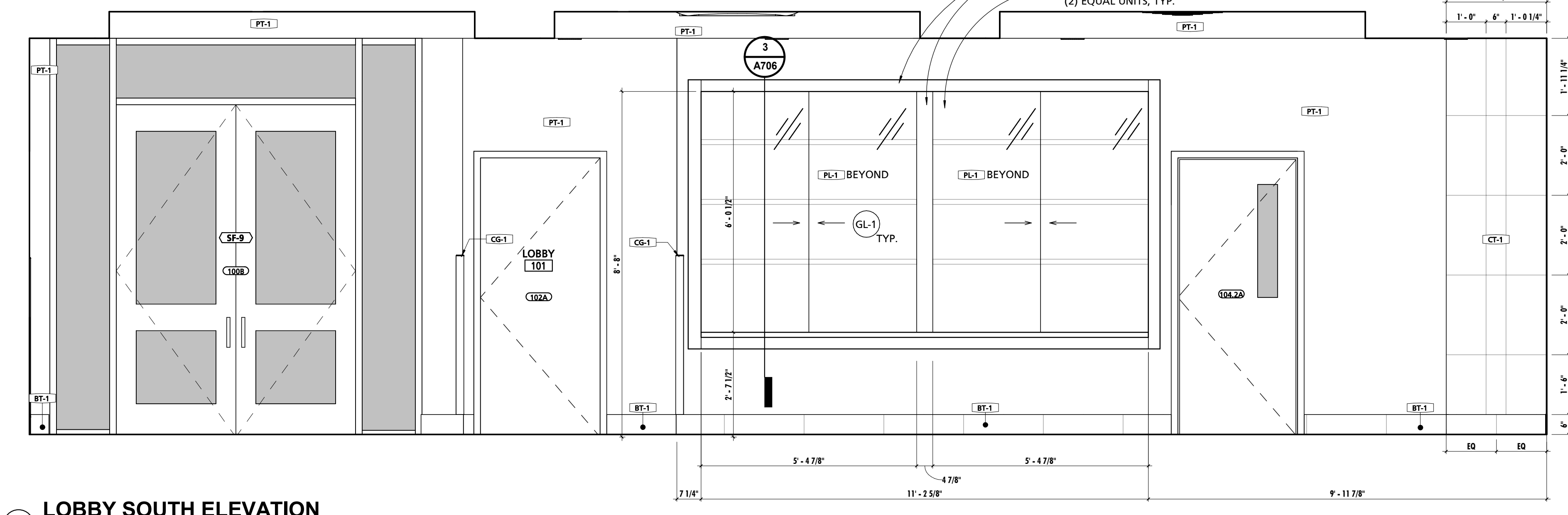
NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

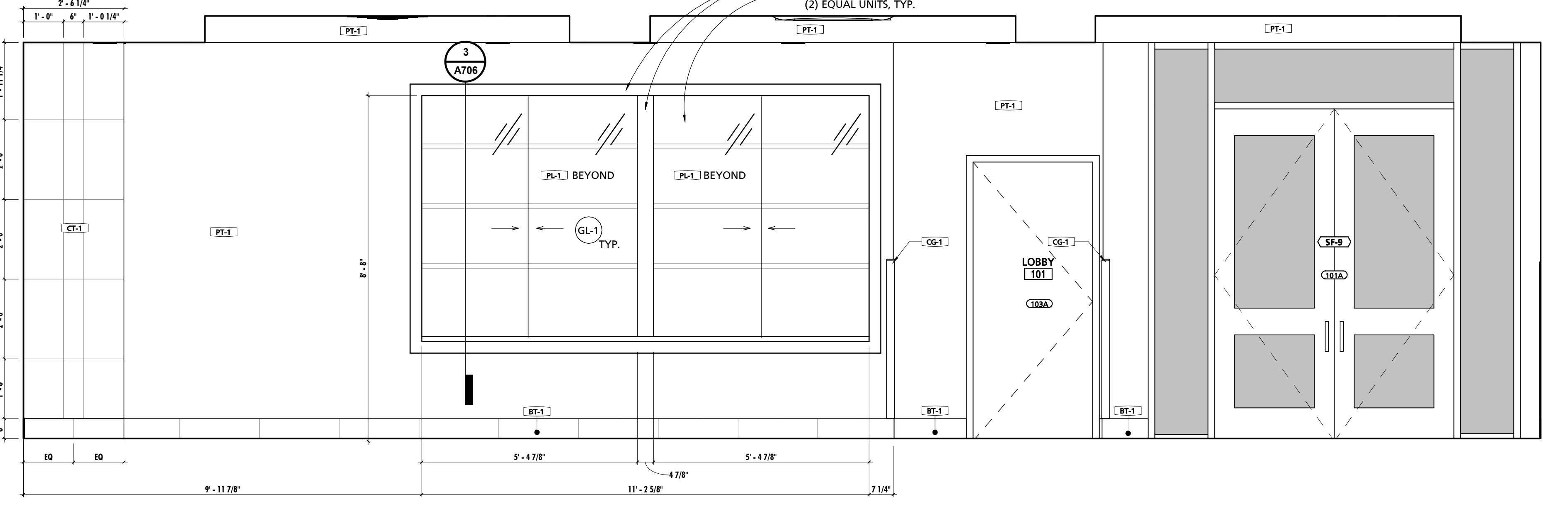
DRAWING TITLE:
ENLARGED PLANS & INT. ELEVATIONS
SHEET NUMBER:
A706

11/29/2023 11:43:51 AM

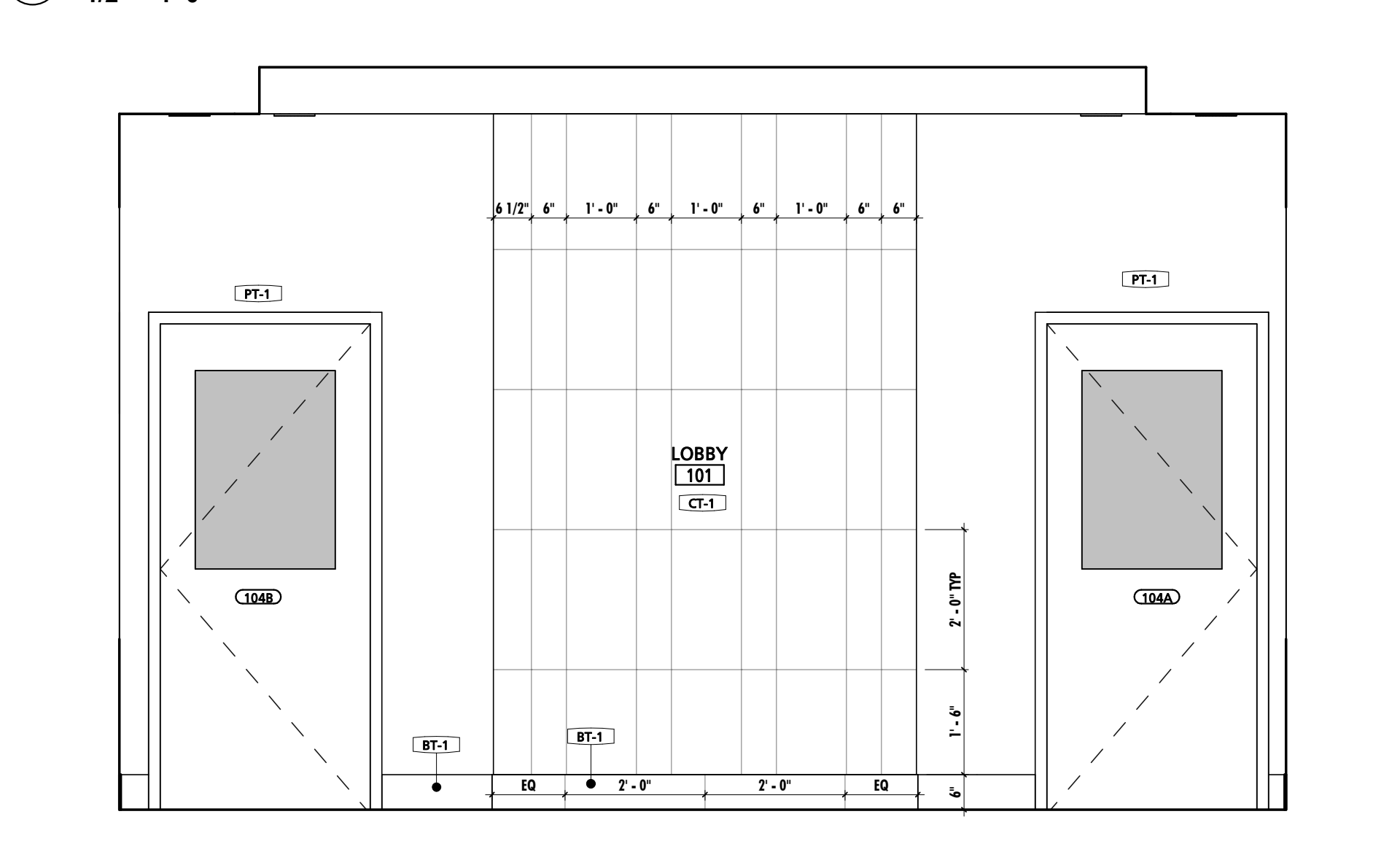
SCHEDULE - MATERIAL FINISH KEY				
FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	COMMENTS
BT-1	6" x 24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	
BT-2	3" x 12" CERAMIC TILE BASE	DALTILE	LINDEN POINT	
BT-3	4" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
BT-4	6" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
CG-1	CORNER GUARD	PROTEK SYSTEMS	CG-20R	
CPT-1	24"x24" CARPET TILE	MOHAWK GROUP	963 HERITAGE	
CT-1	6"x24" & 12"x24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	6"x24" & 12"x24" STACKED PATTERN - PATTERN B32
CT-2	12"x24" CERAMIC TILE	DALTILE	LINDEN POINT	
CT-3	2"x2" GLAZED CERAMIC MOSAIC	DALTILE	LINDEN POINT	
CT-4	12"x24" CERAMIC WALL TILE	DALTILE	LINDEN POINT	
CT-5	3"x6" CERAMIC SUBWAY WALL TILE	DALTILE	RETROSPACE	
FRP-1	FIBER REINFORCED PANELING	MARLITE	STANDARD FRP	SMOOTH TEXTURE
FRP-2	FIBER REINFORCED PANELING	MARLITE	ARTIZAN	STACKED PATTERN
HPC-1	HIGH PERFORMANCE COATING - COLOR 1	SHERWIN-WILLIAMS	TBD	
HPC-2	HIGH PERFORMANCE COATING - COLOR 2	SHERWIN-WILLIAMS	TBD	<varies>
HPC-3	HIGH PERFORMANCE COATING - COLOR 3	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED STEEL STRUCTURE, U.N.O.
HPC-4	HIGH PERFORMANCE COATING - COLOR 4	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED METAL DECK, U.N.O.
LVT-1	LUXURY VINYL TILE	ARMSTRONG	NATURAL CREATIONS	NATURAL CREATIONS WITH DIAMOND 10 TECHNOLOGY
PL-1	PLASTIC LAMINATE	FORMICA	TBD	
PL-2	PLASTIC LAMINATE	FORMICA	TBD	
PT-1	PAINT - COLOR 1	SHERWIN-WILLIAMS	TBD	
RES-1	RESINOUS FLOORING - COLOR 1	BASF	UCRETE HP/F	
RES-2	RESINOUS FLOORING - COLOR 2	BASF	UCRETE HP/F	
RES-3	RESINOUS FLOORING - COLOR 3	BASF	UCRETE RG	RESIN WALL SYSTEM IN SHOWER STALLS 136 & 137
RT-1	RESILIENT ATHLETIC FLOORING	JOHNSONITE	REPLAY COMMOTION	
SC-1	SEALED CONCRETE			
SIM-1	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
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SP-1	SOUND PANEL	ARMSTRONG	SOUNDSOAK	
SP-2	SOUND PANEL	KIREI	ECHOPANEL	24mm THICK PANELS
SS-1	SOLID SURFACE COUNTERTOP	CORIAN	DUPONT	
VCT-1	STATIC-DISSIPATIVE VINYL COMPOSITE TILE	ARMSTRONG	EXCELRON SDT	SEE SPECIFICATIONS FOR GROUNDING REQUIREMENTS.



1 LOBBY SOUTH ELEVATION
1/2" = 1'-0"

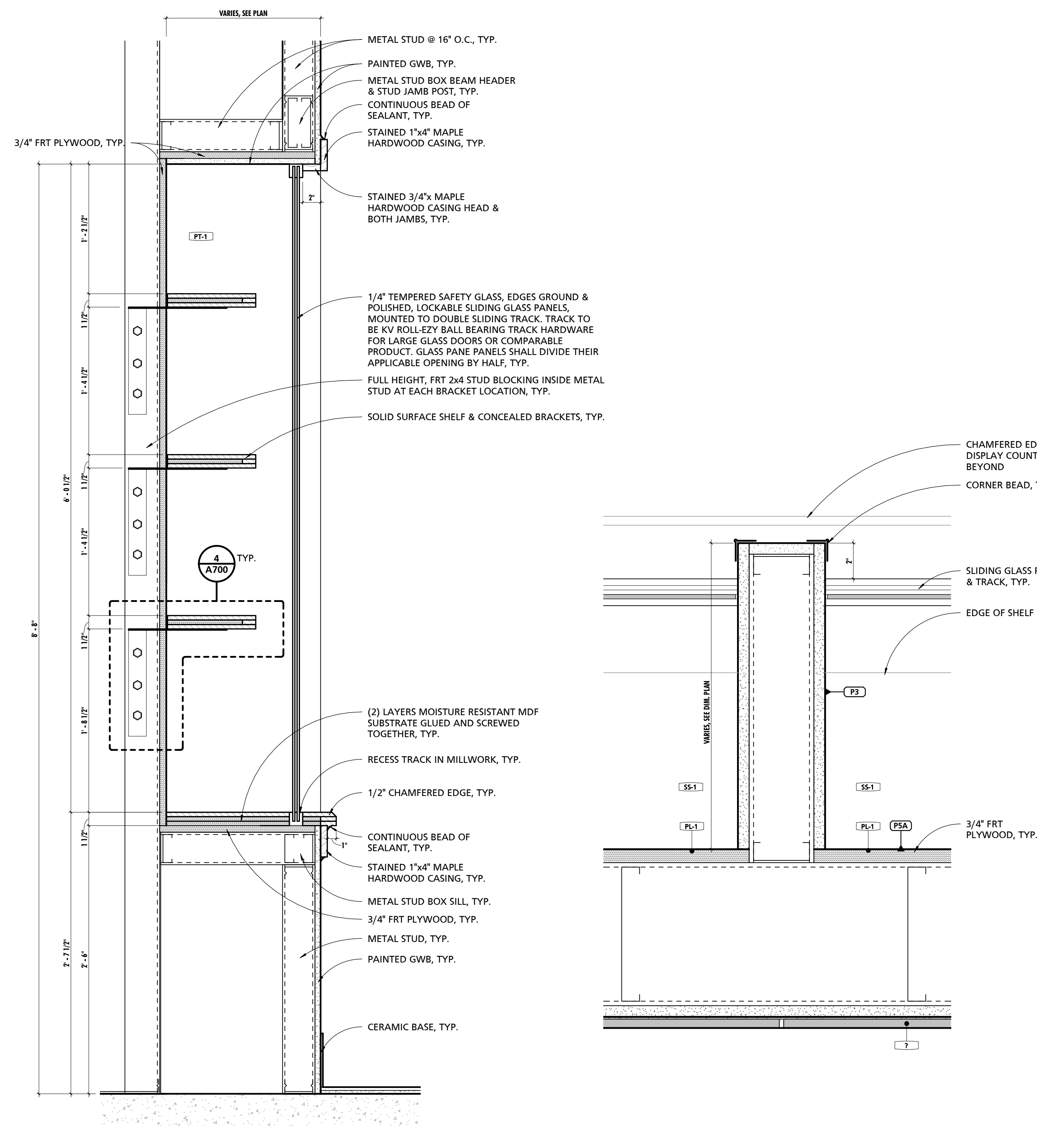


2 LOBBY NORTH ELEVATION
1/2" = 1'-0"



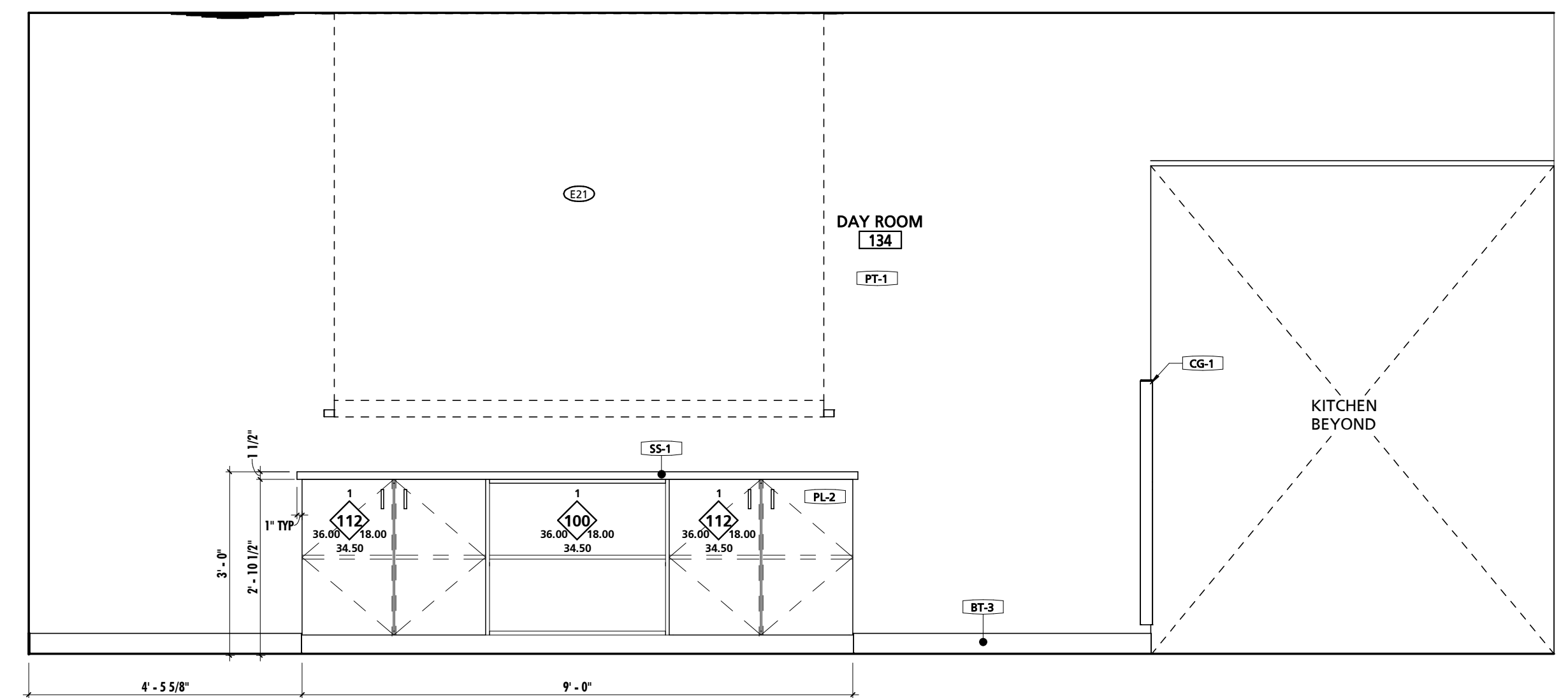
5 LOBBY WEST ELEVATION
1/2" = 1'-0"

GENERAL INTERIOR ELEVATION NOTES	
NOTE #	NOTE
1	CONTRACTOR SHALL BE REQUIRED TO COORDINATE FINAL CASEWORK SHOP DRAWINGS AND INSTALLATION WITH ALL EQUIPMENT, INCLUDING EQUIPMENT PROVIDED BY OWNER. COORDINATION EFFORTS SHALL INCLUDE BUT ARE NOT LIMITED TO ENSURING PROPER CLEARANCES ARE PROVIDED FOR BOTH INSTALLATION AND OPERATION. EQUIPMENT SHALL BE AS TIGHT TO CASEWORK AS POSSIBLE AS PERMITTED BY EQUIPMENT REQUIREMENTS. PRIOR TO INSTALLATION OF CASEWORK, EQUIPMENT CUT SHEETS & INSTALLATION INSTRUCTIONS SHALL BE POSTED WITH IN THE ROOM WHERE WORK IS BEING PERFORMED.
2	CONTRACTOR SHALL VERIFY FINAL REVISED SHOP DRAWINGS CONFORM TO EQUIPMENT AND CLEARANCE REQUIREMENTS OF ACTUAL PURCHASED EQUIPMENT AS EQUIPMENT TYPES AND MODELS ARE SUBJECT TO FACTORY BASED CHANGES FROM THE TIME OF DESIGN TO THE TIME OF PURCHASE INSTALL.
3	CONTRACTOR SHALL REFER TO ARCHITECTURAL WOODWORK STANDARDS 2014, CABINET DESIGN SERIES (CDS) FOR FURTHER INFORMATION ABOUT CASEWORK.
4	REFER TO SHEET A108 FOR EQUIPMENT SCHEDULE & NOTES.
5	ALIGN BASE AND WALL TILE GROUT LINES WITH FLOOR TILE GROUT LINES U.N.O.
6	ENLARGED PLAN DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF GWB UNLESS NOTED OTHERWISE.
7	INTERIOR ELEVATION DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF GWB UNLESS NOTED OTHERWISE.
8	START TILE WORKPOINT ABBREVIATION (S.T.W.)

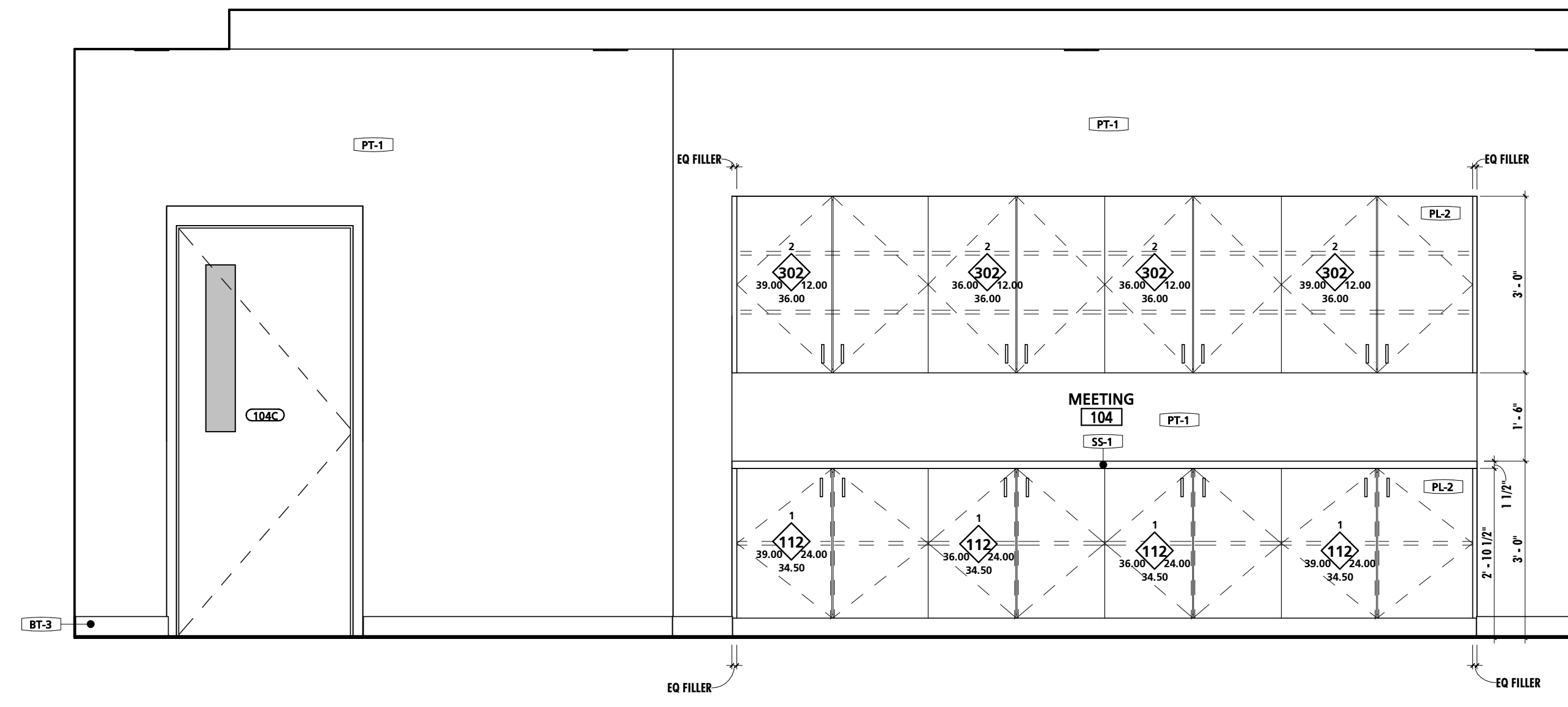


3 DISPLAY CASE SECTION
1 1/2" = 1'-0"

4 DISPLAY DIVIDING WALL PLAN DETAIL
3" = 1'-0"



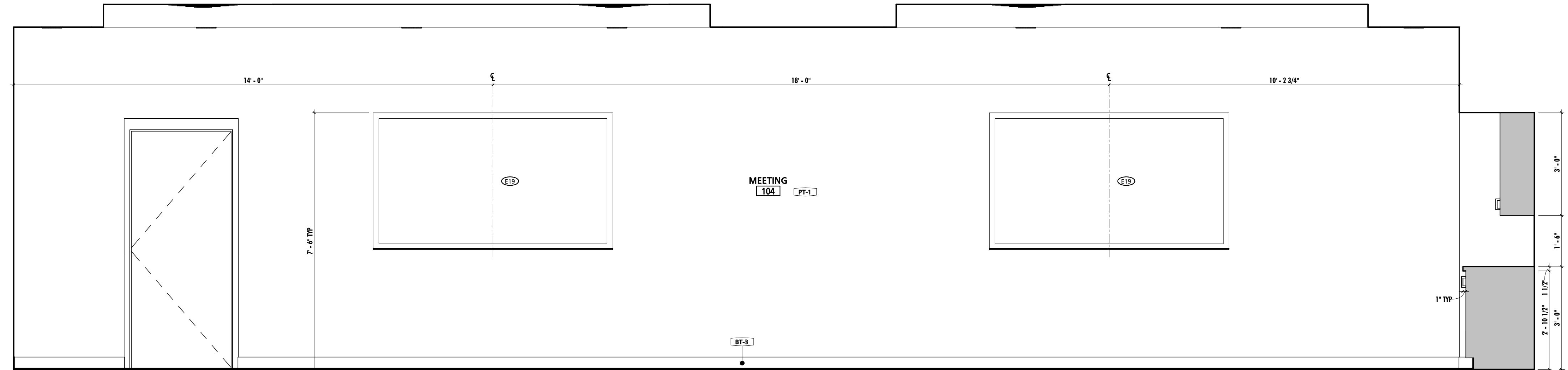
6 DAYROOM SOUTH ELEVATION
1/2" = 1'-0"



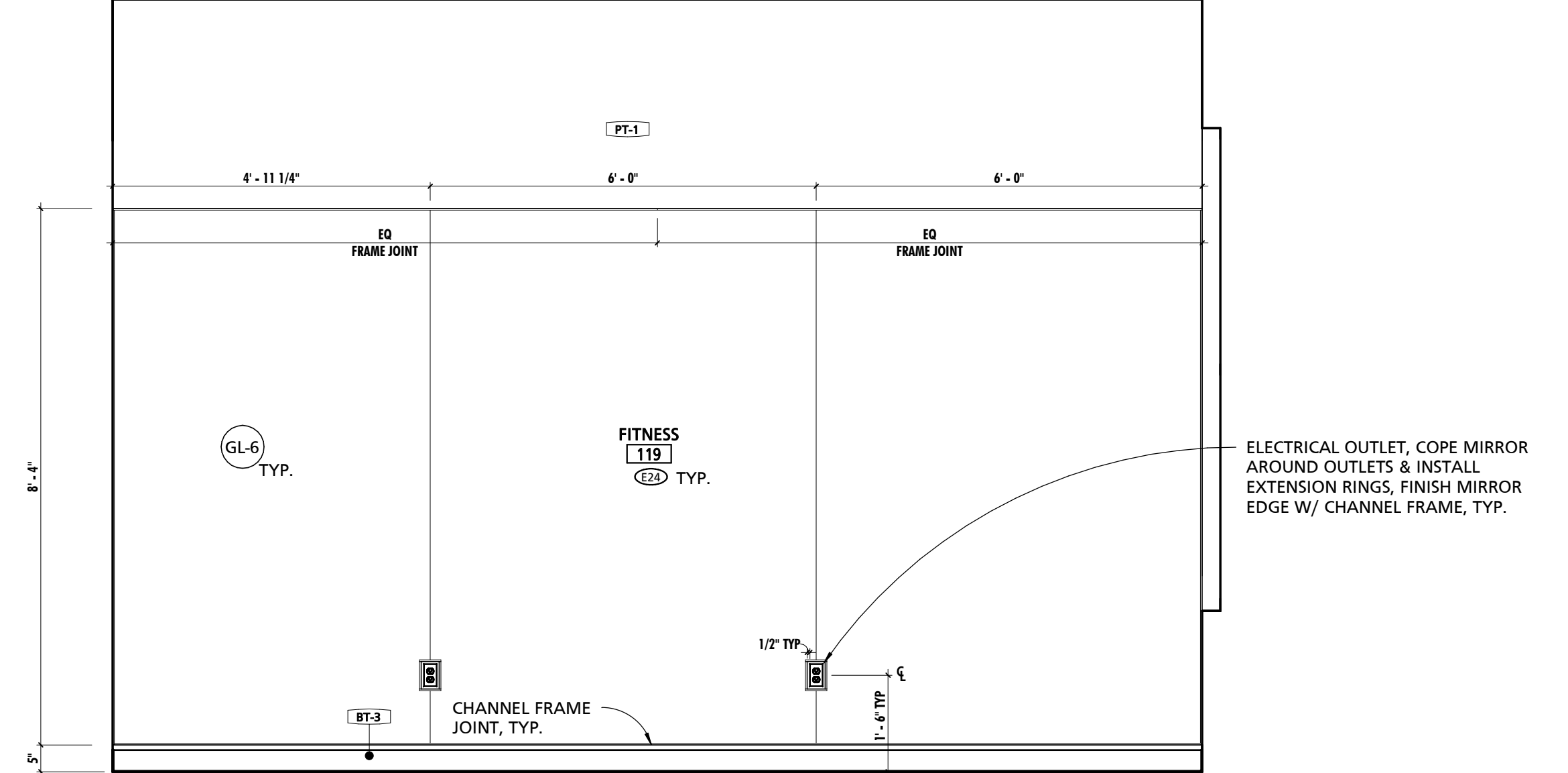
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6	INTERIOR ELEVATION DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF TILE.
7	START TILE WORKPOINT ABBREVIATION (S.T.W.)

FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	COMMENTS
BT-1	6" x 24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	
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FRP-1	FIBER REINFORCED PANELING	MARLITE	STANDARD FRP	SMOOTH TEXTURE
FRP-2	FIBER REINFORCED PANELING	MARLITE	ARTIZAN	STACKED PATTERN
HPC-1	HIGH PERFORMANCE COATING - COLOR 1	SHERWIN-WILLIAMS	TBD	
HPC-2	HIGH PERFORMANCE COATING - COLOR 2	SHERWIN-WILLIAMS	TBD	<varies>
HPC-3	HIGH PERFORMANCE COATING - COLOR 3	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED STEEL STRUCTURE, U.N.O.
HPC-4	HIGH PERFORMANCE COATING - COLOR 4	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED METAL DECK, U.N.O.
LVT-1	LUXURY VINYL TILE	ARMSTRONG	NATURAL CREATIONS	NATURAL CREATIONS WITH DIAMOND 10 TECHNOLOGY
PL-1	PLASTIC LAMINATE	FORMICA	TBD	
PL-2	PLASTIC LAMINATE	FORMICA	TBD	
PT-1	PAINT - COLOR 1	SHERWIN-WILLIAMS	TBD	
RES-1	RESINOUS FLOORING - COLOR 1	BASF	UCRETE HP/F	
RES-2	RESINOUS FLOORING - COLOR 2	BASF	UCRETE HP/F	
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SC-1	SEALED CONCRETE	CORIAN		
SIM-1	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
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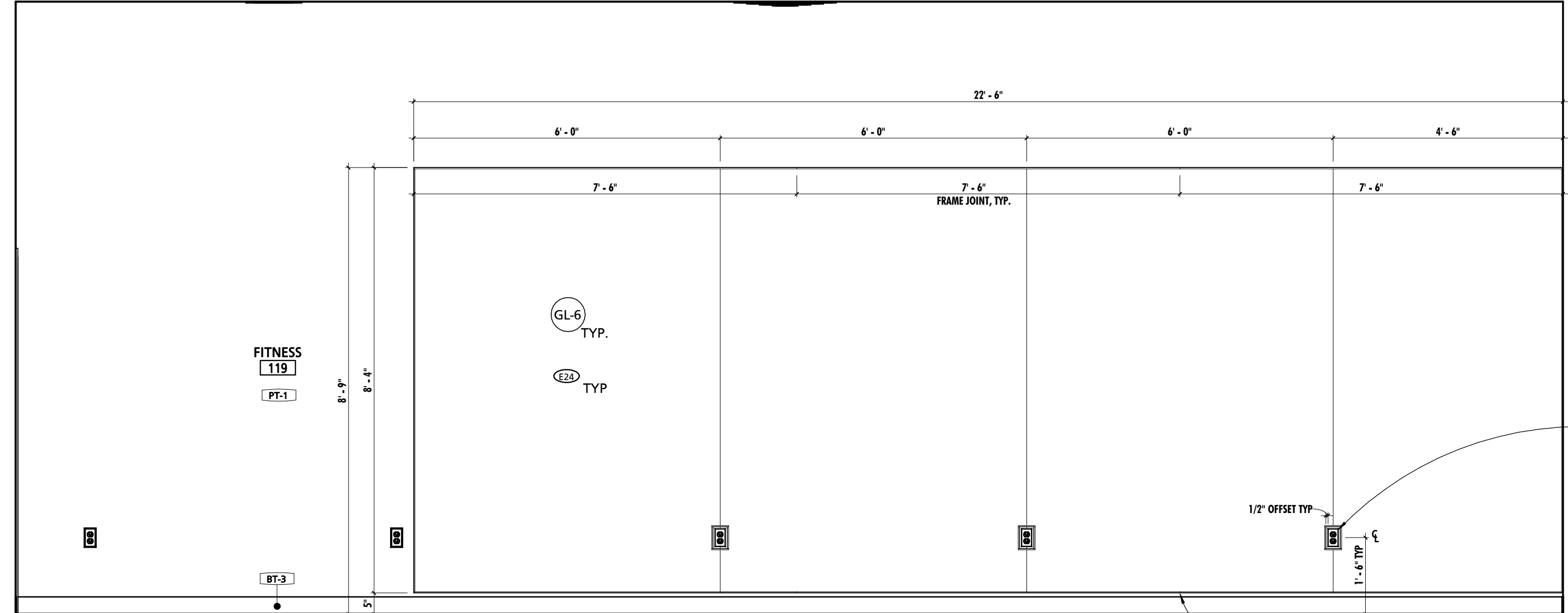
1 MEETING ROOM NORTH ELEVATION
1/2" = 1'-0"



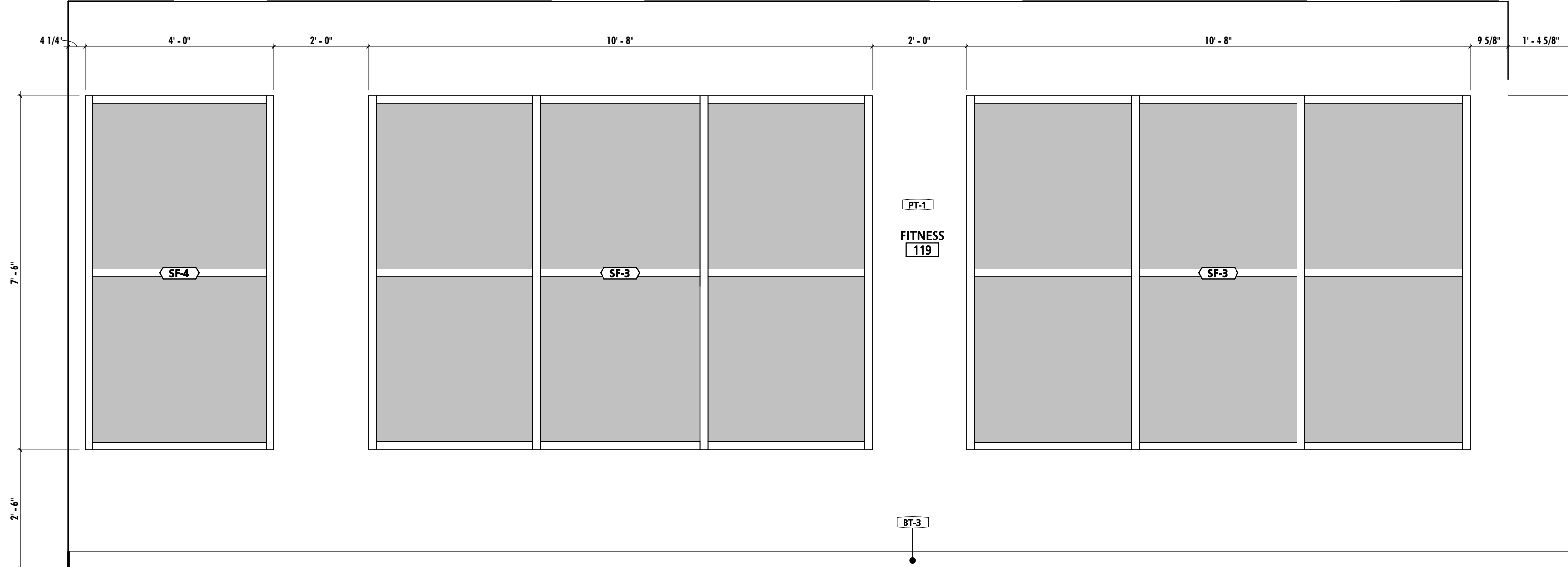
2 MEETING ROOM WEST ELEVATION
1/2" = 1'-0"



3 FITNESS ROOM EAST ELEVATION
1/2" = 1'-0"



4 FITNESS ROOM NORTH ELEVATION
1/2" = 1'-0"



5 FITNESS ROOM SOUTH ELEVATION
1/2" = 1'-0"



10839-D PHILADELPHIA RD
WHITE MARSH, MD 21162
(P) 410-344-1460
(F) 443-403-2460
(E) INFO@MWSARCH.COM
WWW.MWSARCH.COM

SEAL: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER: #6405311 EXPIRATION DATE: 6/30/2023

THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS REFERRED TO IN THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDITION TO THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS, WHICH CONSIST OF THE BID DOCUMENTS, DRAWINGS, AND SPECIFICATIONS, ALL ADDENDA, AND THE OWNER'S ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
ENLARGED PLANS & INT.
ELEVATIONS

SHEET NUMBER:
A707

FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	COMMENTS
BT-1	6" x 24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	
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7	START TILE WORKPOINT ABBREVIATION (S.T.W.)

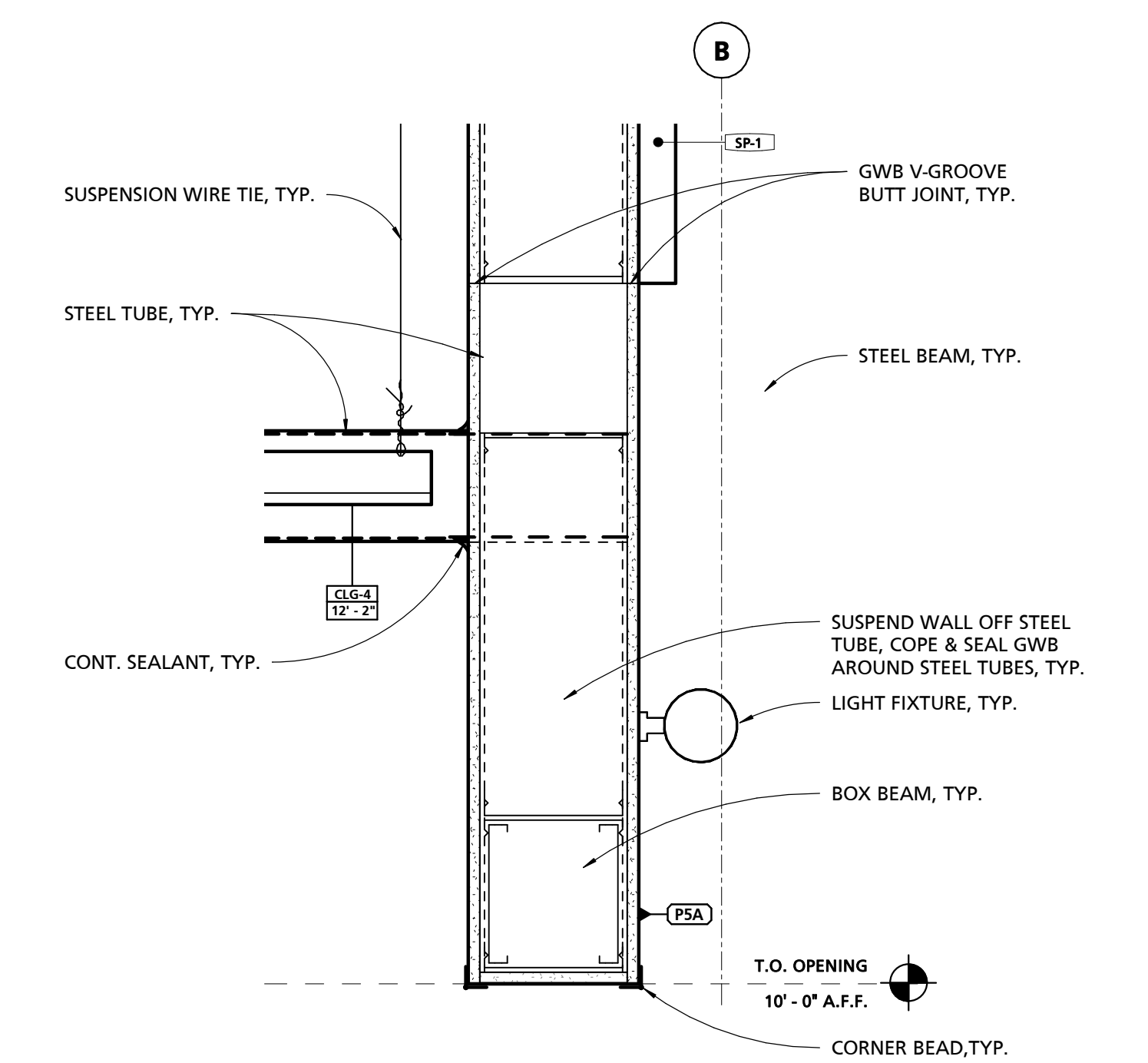
GENERAL INTERIOR ELEVATION NOTES



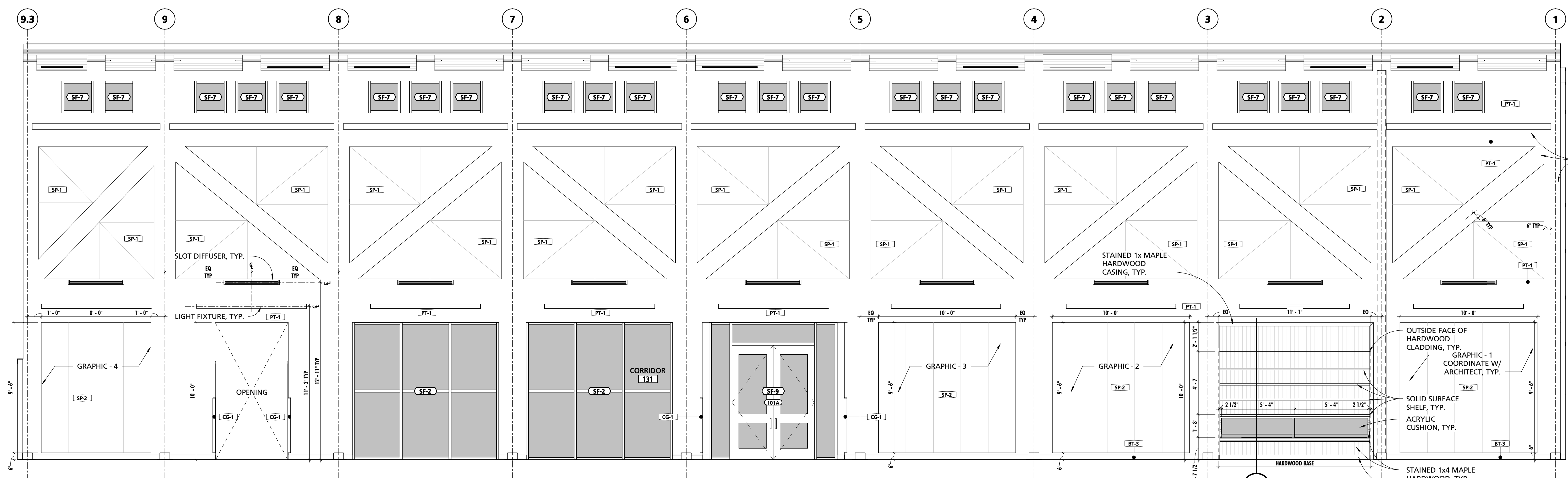
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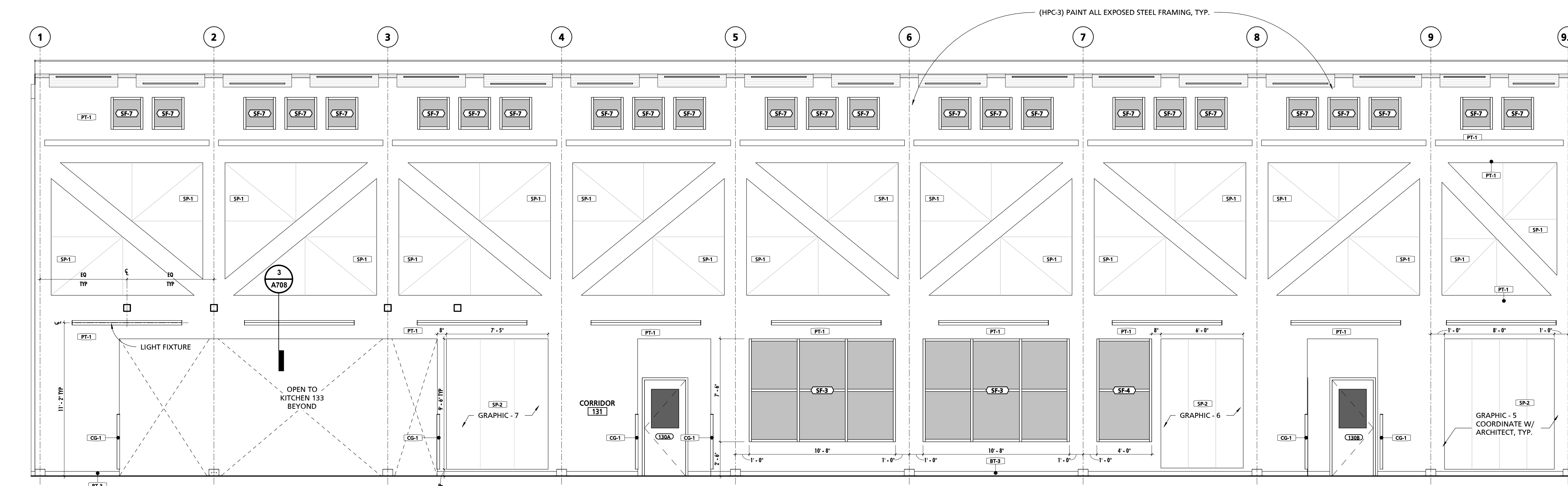
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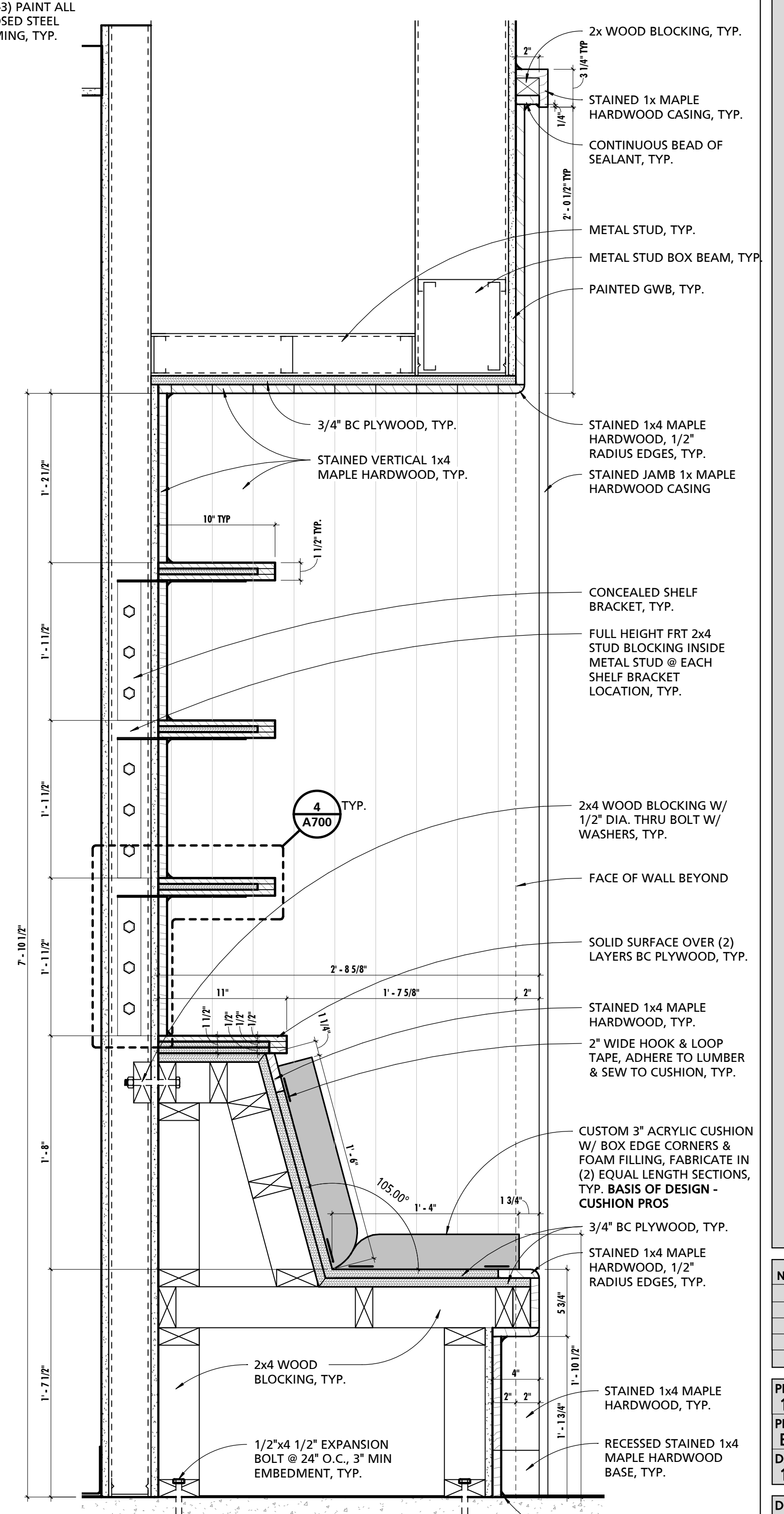
3 SUSPENDED WALL DETAIL @ KITCHEN OPENING
1 1/2" = 1'-0"



1 CLERESTORY CORRIDOR SOUTH ELEVATION
1/4" = 1'-0"



2 CLERESTORY CORRIDOR NORTH ELEVATION
1/4" = 1'-0"



4 ALCOVE BENCH SECTION
1 1/2" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER: 18-036
PROJECT SET: BID SET
DATE ISSUED: 11/30/2023
DRAWING TITLE: ENLARGED PLANS & INT. ELEVATIONS
SHEET NUMBER: A708

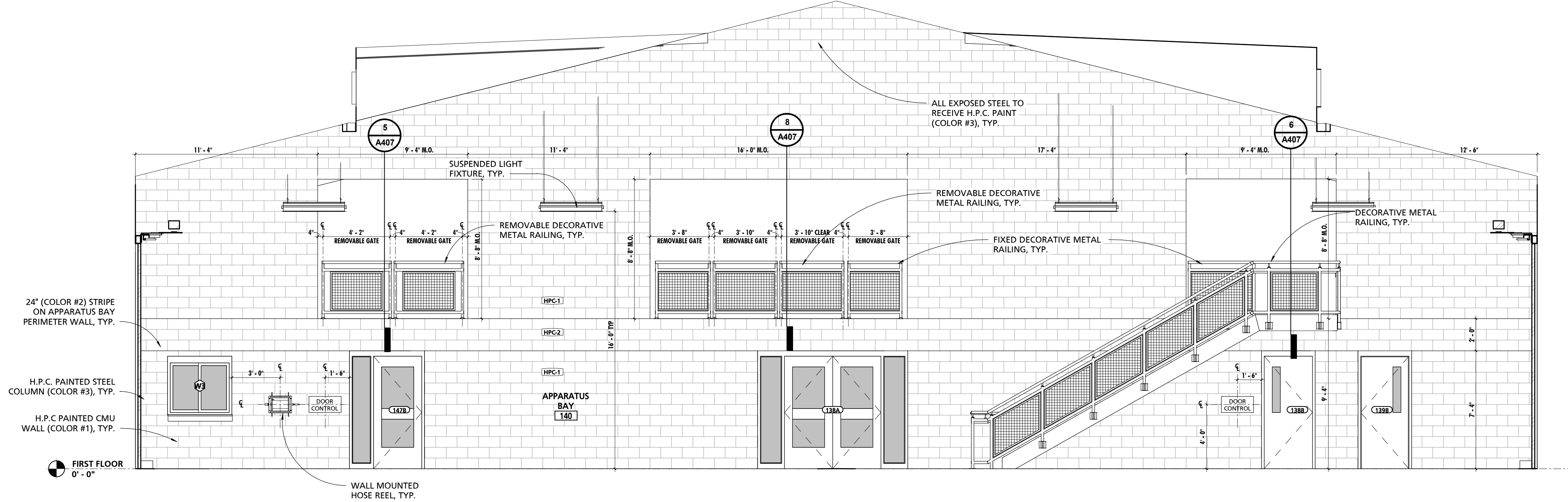
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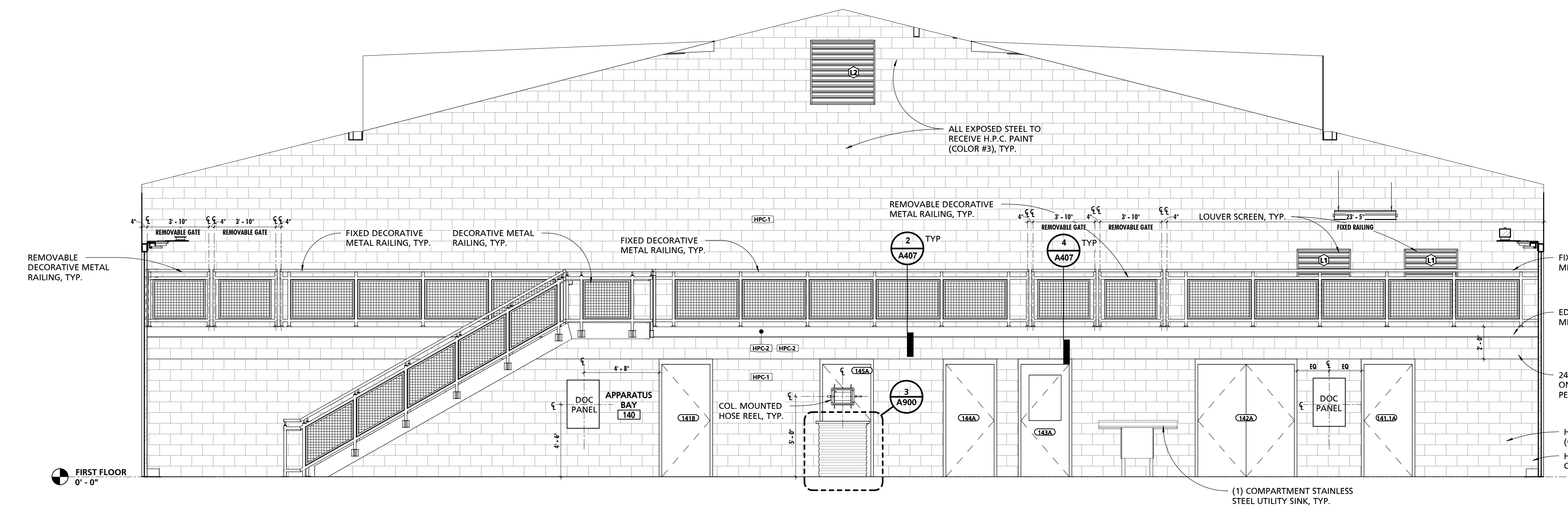
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SP-1	SOUND PANEL	ARMSTRONG	SOUND SOAK	
SP-2	SOUND PANEL	KIREI	ECHOPANEL	24mm THICK PANELS
SS-1	SOLID SURFACE COUNTERTOP	CORIAN	DUPONT	
VCT-1	STATIC-DISSIPATIVE VINYL COMPOSITE TILE	ARMSTRONG	EXCELON SDT	SEE SPECIFICATIONS FOR GROUNDING REQUIREMENTS.

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1 APPARATUS BAY WEST ELEVATION
1/4" = 1'-0"



2 APPARATUS BAY EAST ELEVATION
1/4" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
ENLARGED PLANS & INT. ELEVATIONS

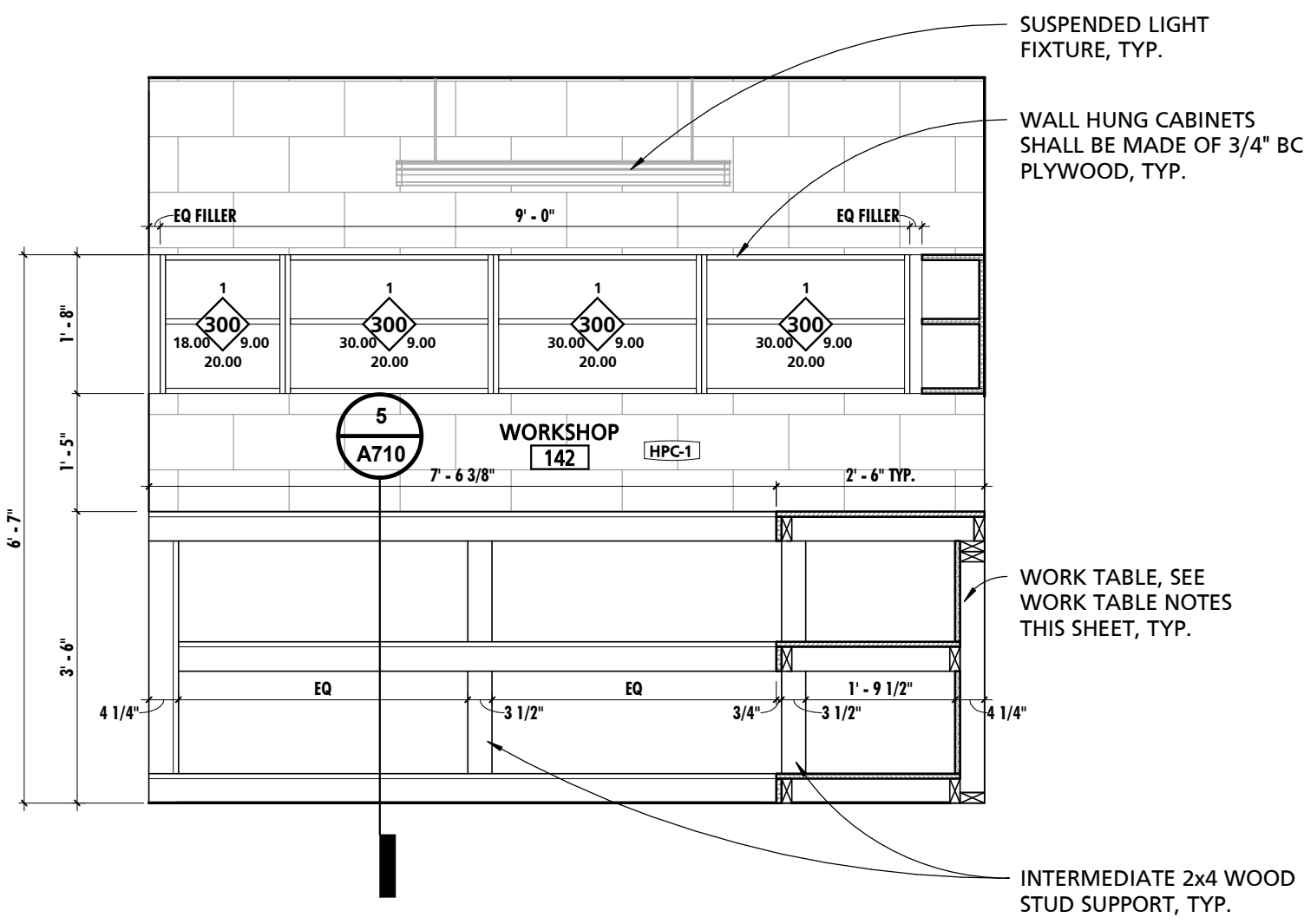
SHEET NUMBER:
A709

GENERAL INTERIOR ELEVATION NOTES

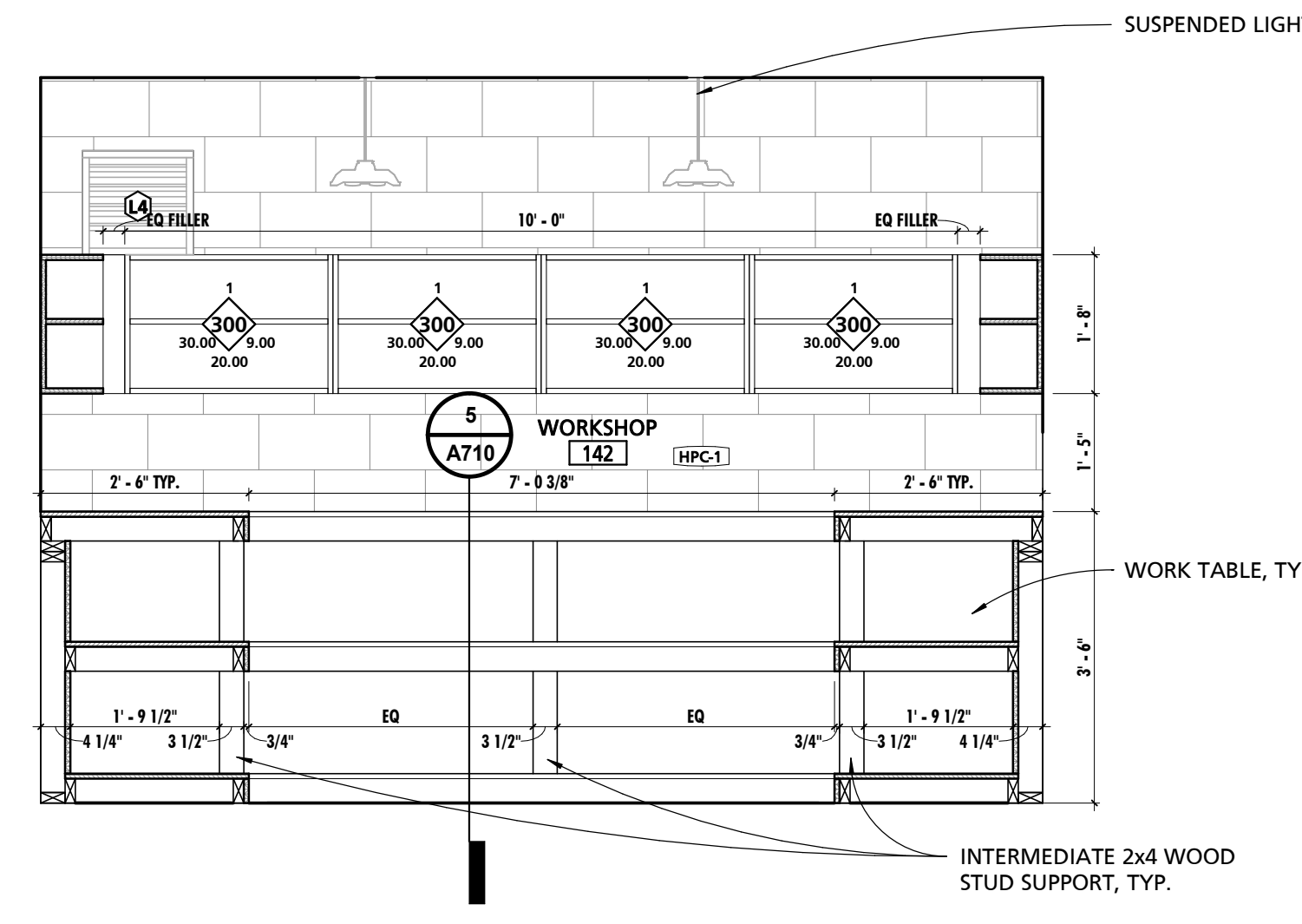
NOTE #	NOTE
1	CONTRACTOR SHALL BE REQUIRED TO COORDINATE FINAL CASEWORK SHOP DRAWINGS AND INSTALLATION WITH ALL EQUIPMENT, INCLUDING EQUIPMENT PROVIDED BY OWNER. COORDINATION EFFORTS SHALL INCLUDE BUT ARE NOT LIMITED TO ENSURING PROPER CLEARANCES ARE PROVIDED FOR BOTH INSTALLATION AND OPERATION. EQUIPMENT SHALL BE AS TIGHT TO CASEWORK AS POSSIBLE AS PERMITTED BY EQUIPMENT REQUIREMENTS. PRIOR TO INSTALLATION OF CASEWORK EQUIPMENT CUT SHEETS & INSTALLATION INSTRUCTIONS SHALL BE POSTED WITH IN THE ROOM WHERE WORK IS BEING PERFORMED.
2	CONTRACTOR SHALL VERIFY FINAL REVIEWED SHOP DRAWINGS CONFORM TO EQUIPMENT AND CLEARANCE REQUIREMENTS OF ACTUAL PURCHASED EQUIPMENT AS EQUIPMENT TYPES AND MODELS ARE SUBJECT TO FACTORY BASED CHANGES FROM THE TIME OF DESIGN TO THE TIME OF PURCHASE INSTALL.
3	CONTRACTOR SHALL REFER TO ARCHITECTURAL WOODWORK STANDARDS 2014, CABINET DESIGN SERIES (CDS) FOR FURTHER INFORMATION ABOUT CASEWORK.
4	REFER TO SHEET A108 FOR EQUIPMENT SCHEDULE & NOTES.
5	ALIGN BASE AND WALL TILE GROUT LINES WITH FLOOR TILE GROUT LINES U.N.O.
6	ENLARGED PLAN DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF GWB UNLESS NOTED OTHERWISE.
7	INTERIOR ELEVATION DIMENSIONS SHALL BE DIMENSIONED FROM OUTSIDE FACE OF TILE.
	START TILE WORKPOINT ABBREVIATION (S.T.W.)

SCHEDULE - MATERIAL FINISH KEY

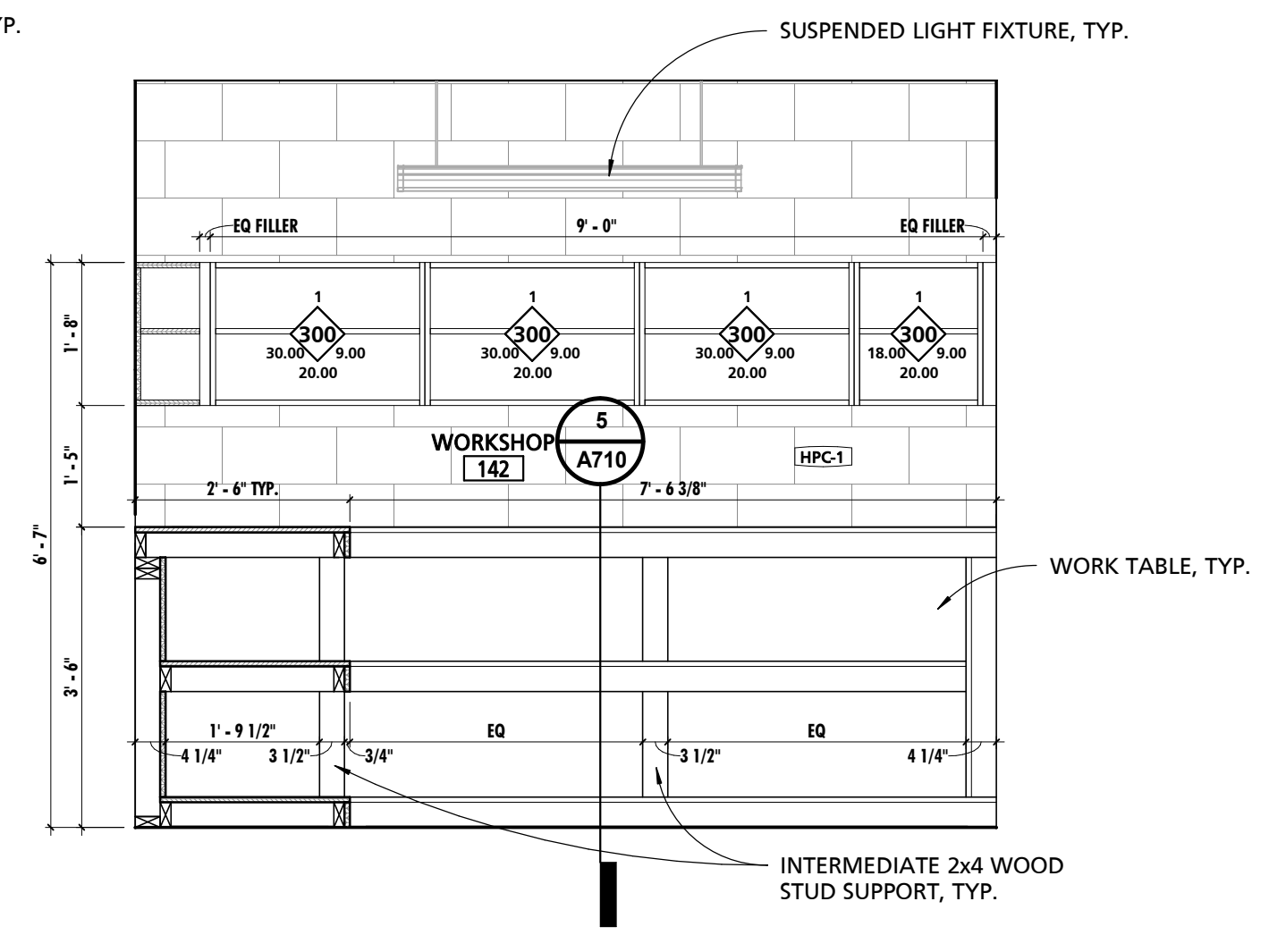
FINISH MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL/PRODUCT LINE	COMMENTS
BT-1	6" x 24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	
BT-2	3" x 12" CERAMIC TILE BASE	DALTILE	LINDEN POINT	
BT-3	4" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
BT-4	6" RUBBER BASE	JOHNSONITE	TRADITIONAL RUBBER BASE	
CG-1	CORNER GUARD	PROTEK SYSTEMS	CG-20R	
CPT-1	24"x24" CARPET TILE	MOHAWK GROUP	963 HERITAGE	
CT-1	6"x24" & 12"x24" CERAMIC TILE	TILE AMERICA	ATLANTIC STONE	6"x24" & 12"x24" STACKED PATTERN - PATTERN B32
CT-2	12"x24" CERAMIC TILE	DALTILE	LINDEN POINT	
CT-3	2"x2" GLAZED CERAMIC MOSAIC	DALTILE	LINDEN POINT	
CT-4	12"x24" CERAMIC WALL TILE	DALTILE	LINDEN POINT	
CT-5	3"x6" CERAMIC SUBWAY WALL TILE	DALTILE	RETROSPACE	
FRP-1	FIBER REINFORCED PANELING	MARLITE	STANDARD FRP	SMOOTH TEXTURE
FRP-2	FIBER REINFORCED PANELING	MARLITE	ARTIZAN	STACKED PATTERN
HPC-1	HIGH PERFORMANCE COATING - COLOR 1	SHERWIN-WILLIAMS	TBD	
HPC-2	HIGH PERFORMANCE COATING - COLOR 2	SHERWIN-WILLIAMS	TBD	<varies>
HPC-3	HIGH PERFORMANCE COATING - COLOR 3	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED STEEL STRUCTURE, U.N.O.
HPC-4	HIGH PERFORMANCE COATING - COLOR 4	SHERWIN-WILLIAMS	TBD	TYPICAL @ EXPOSED METAL DECK, U.N.O.
LVT-1	LUXURY VINYL TILE	ARMSTRONG	NATURAL CREATIONS	NATURAL CREATIONS WITH DIAMOND 10 TECHNOLOGY
PL-1	PLASTIC LAMINATE	FORMICA	TBD	
PL-2	PLASTIC LAMINATE	FORMICA	TBD	
PT-1	PAINT - COLOR 1	SHERWIN-WILLIAMS	TBD	
RES-1	RESINOUS FLOORING - COLOR 1	BASF	URETE HP/F	
RES-2	RESINOUS FLOORING - COLOR 2	BASF	URETE HP/F	
RES-3	RESINOUS FLOORING - COLOR 1	BASF	URETE RG	RESIN WALL SYSTEM IN SHOWER STALLS 136 & 137
RT-1	RESILIENT ATHLETIC FLOORING	JOHNSONITE	REPLAY COMMOTION	
SC-1	SEALED CONCRETE			
SIM-1	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SIM-2	SIMULATED STONE	CORIAN	GRANULAR QUARTZ	
SP-1	SOUND PANEL	ARMSTRONG	SOUND SOAK	
SP-2	SOUND PANEL	KIREI	ECHOPANEL	24mm THICK PANELS
SS-1	SOLID SURFACE COUNTERTOP	CORIAN	DUPONT	
VCT-1	STATIC-DISSIPATIVE VINYL COMPOSITE TILE	ARMSTRONG	EXCELON SDT	SEE SPECIFICATIONS FOR GROUNDING REQUIREMENTS.



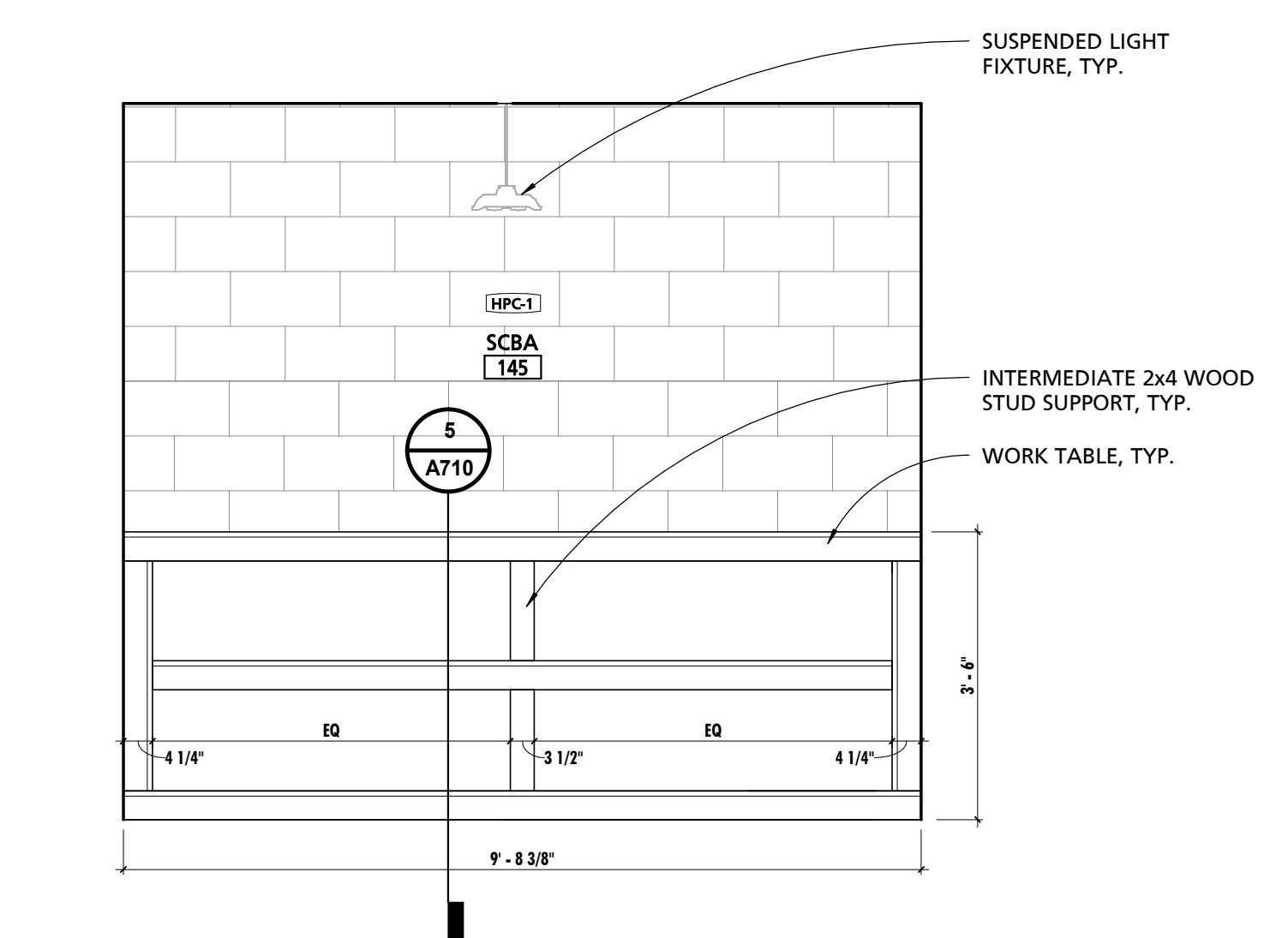
1 WORKSHOP NORTH ELEVATION
1/2" = 1'-0"



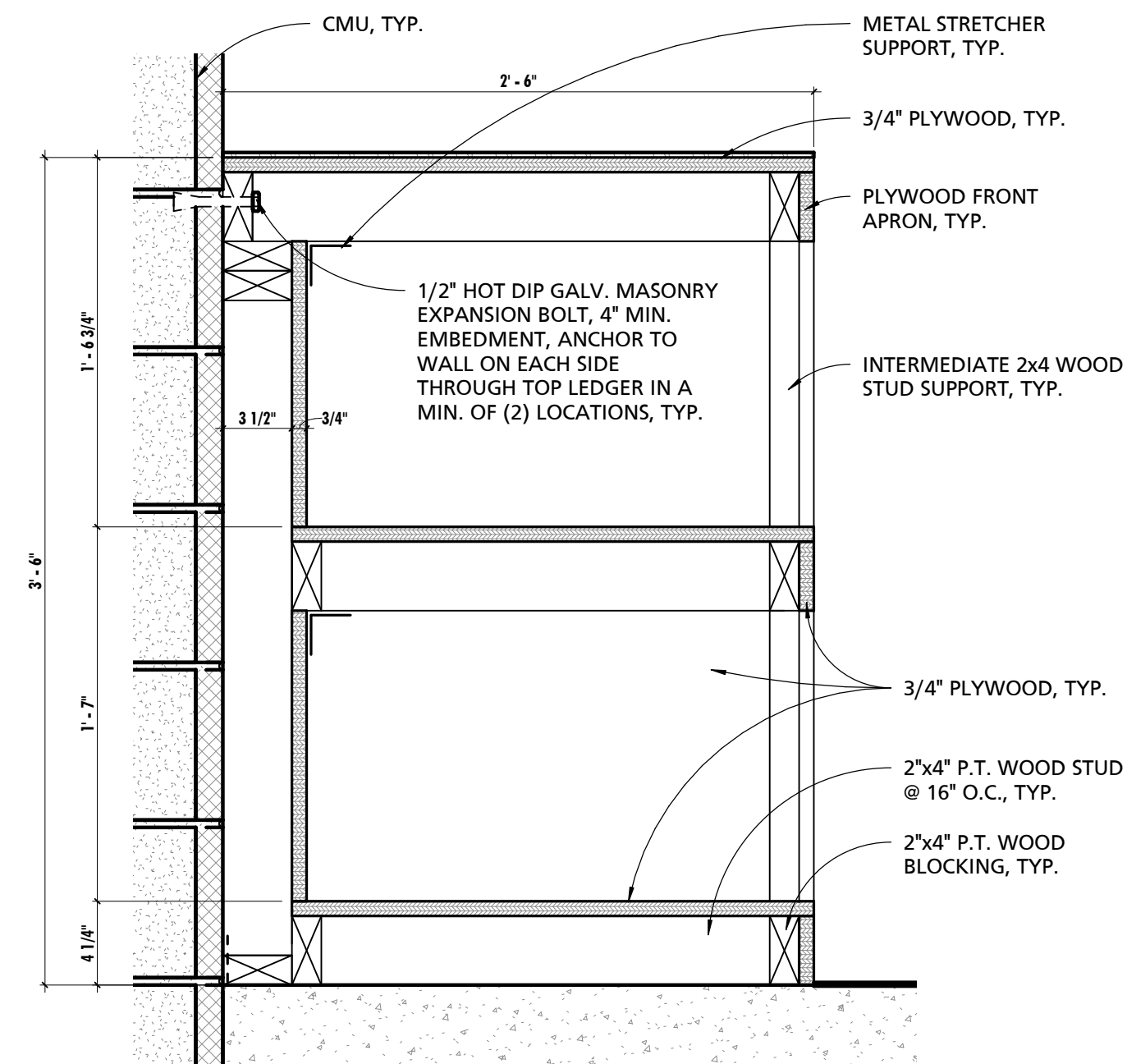
2 WORKSHOP EAST ELEVATION
1/2" = 1'-0"



3 WORKSHOP SOUTH ELEVATION
1/2" = 1'-0"



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



5 WORK TABLE SECTION
1 1/2" = 1'-0"

- TYPICAL WORK TABLE NOTES:**
- FABRICATE OF 2x4 HEM FIR SELECT STUDS & 3/4" SANDED BC PLYWOOD.
 - ASSEMBLE WITH 2-1/2"x8-10 CORROSION RESISTANT CONSTRUCTION SCREWS.
 - ANCHOR TO WALL ON EACH SIDE THROUGH TOP LEDGER IN A MINIMUM OF (2) LOCATIONS.
 - PROVIDE 2x STRETCHERS 24" O.C. MAX BELOW TOP AND MIDDLE SHELVES, TOE SCREW IN PLACE.
 - FACE APRON WITH 3/4" BC PLYWOOD.
 - SHELF SURFACES AND ENTIRE BACK PANEL SHALL BE 3/4" BC PLYWOOD.
 - USE PRESSURE TREATED 2x4 BLOCKING IN CONTACT WITH SLAB AND ISOLATE FROM SLAB.
 - ATTACH HARDWOOD TOP WITH COUNTERSUNK 1" CORROSION RESISTANT WOOD SCREWS ROUGHLY 32" O.C. ALONG FRONT ENDS ONLY.

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CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023

DRAWING TITLE:
ENLARGED PLANS & INT. ELEVATIONS

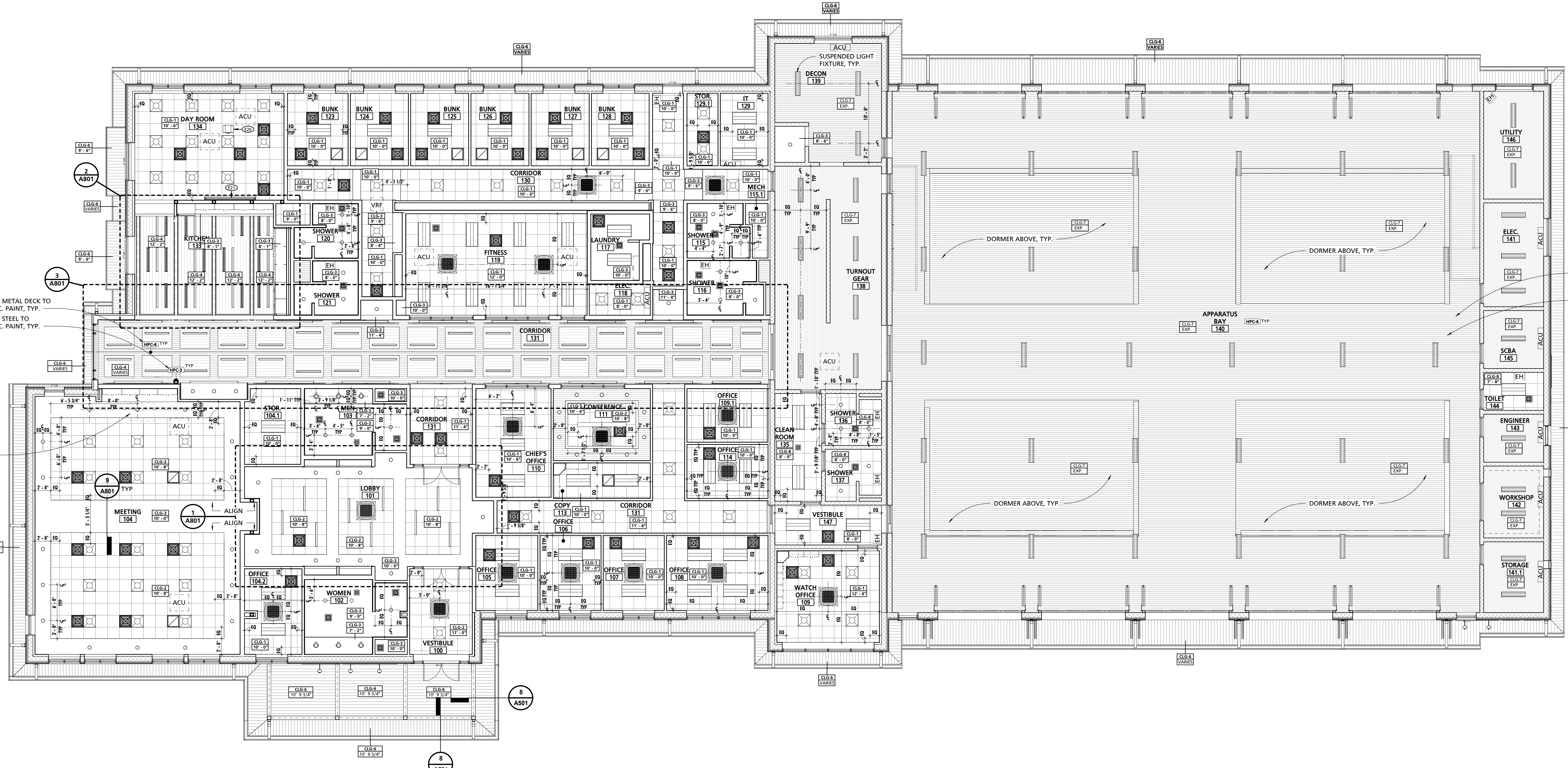
SHEET NUMBER:
A710

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NOTE #	NOTE
1	UNDERSIDE OF EXPOSED STRUCTURE, PIPING, AND DUCTWORK IN ALL ROOMS, STAIRWAYS, AND OTHER SPACES SHALL BE PAINTED UNLESS NOTED OTHERWISE. CONTRACTOR SHALL COORDINATE COLOR SELECTION WITH THE ARCHITECT PRIOR TO PAINTING OR PRIMING, TYP.
2	CONTRACTOR SHALL COORDINATE FINAL FIELD LOCATION OF ALL EXIT SIGNS AND EMERGENCY LIGHTING WITH ARCHITECT PRIOR TO ROUGH-IN, TYP.
3	THE CONTRACTOR SHALL PROVIDE SPRINKLER SYSTEM SHOP DRAWINGS TO THE ARCHITECT FOR APPROVAL WHERE SPRINKLERS ARE REQUIRED BY CODE (SEE CODE SHEET). DRAWINGS SHALL INDICATE HEAD LOCATIONS, HEAD TYPES, AND PIPING DISTRIBUTION. IN EXPOSED OCCUPIED AREAS MAINS SHALL BE ROUTED THROUGH AREAS WITH ACCESSIBLE FINISHED CEILINGS TO THE MAXIMUM EXTENT FEASIBLE. WHERE CEILINGS ARE FINISHED ALL HEADS SHALL BE EQUIPPED WITH CONCEALMENT COVERS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4	***APPARATUS BAYS ONLY*** CONTRACTOR SHALL PROVIDE COORDINATION DRAWINGS WITHIN THE APPARATUS BAY AREA INDICATING, WHERE APPLICABLE, THE VEHICLE EXHAUST SYSTEMS, SPRINKLER SYSTEM, OVERHEAD DOOR TRACKS, HEATERS (INCLUDING COMBUSTIBLE CLEARANCE REQUIREMENTS), LIGHTING, RETRACTABLE DROP DOWN CORDS, INTERIOR STORMDRAIN PIPING, FANS. COORDINATION DRAWINGS AT A MINIMUM SHALL INCLUDE PLANS AND BOTH LONGITUDINAL AND TRANSVERSE SECTIONS THROUGH THE BAYS INDICATING THE LOCATION AND ELEVATION OF BAY SYSTEM COMPONENTS.
5	SPRINKLER LOCATIONS DEPICTED HEREIN ARE DIAGRAMMATIC AND ARE SHOWN FOR DESIGN INTENT ONLY.
6	ON ACT CEILINGS IN FIRE-RATED AREAS INSTALL HOLD-DOWN CLIPS ON ACOUSTIC PANELS WEIGHING LESS THAN 1 LB. PER SQ. FT. PER SPEC.
7	ALL MECHANICAL, ELECTRICAL, PLUMBING, AND SPRINKLER WORK TO OCCUR IN AREAS WHERE THE STRUCTURE IS EXPOSED SHALL BE EXECUTED IN A COORDINATED, NEAT AND WORKMANLIKE MANNER. AT A MINIMUM ALL WIRING SHALL BE RUN THROUGH CONDUITS, PIPE AND DUCT INSULATION SHALL BE NEATLY INSTALLED AND PAINTABLE. ALL PIPES AND DUCTS SHALL BE RUN EITHER PERPENDICULAR OR PARALLEL TO WALL CONSTRUCTION AND SHALL BE INSTALLED AT THE SAME NOMINAL ELEVATION OR SLOPE. ALL MATERIALS AND INSTALLATION METHODS SHALL COMPLY WITH APPLICABLE CODES AND STANDARDS. WHERE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS INDICATE OTHER REQUIREMENTS THE GREATER QUALITY SHALL PREVAIL.
8	WHERE CEILINGS ARE EXPOSED ALL TIES, CABLES, AND SUPPORTS FOR CLOUDS, ELECTRICAL, MECHANICAL EQUIPMENT AND OTHER APPURTENANCES SHALL BE INSTALLED IN A NEAT, ORGANIZED AND WORKMAN LIKE MANNER. VISIBLE TIES SHALL BE PLUMB/TRUE/SQUARE TO ELEMENTS, TIGHTLY WRAPPED, WITH EXCESS WIRE NEATLY CUT.
9	CONTRACTOR SHALL COORDINATE THE COLOR AND FINISH OF ALL CEILING MOUNTED EQUIPMENT SUCH AS DIFFUSERS, RETURNS, SPEAKERS, ETC. WITH THE ARCHITECT TO ENSURE THERE ARE NO STARK CONTRASTING COLORS.
10	WHERE ACT GRID LAYOUT AT EDGE CONDITIONS FOR 2X2 TILES REQUIRE TILES TO BE CUT TO LESS THAN 3". UTILIZE A 2X4 TILE IN LIEU OF THE 2X2 TILE. OMIT CEILING GRID CROSS MEMBERS AS REQUIRED. NO TILE SHALL EXCEED 27" OR BE LESS THAN 3" AT PERIMETER CONDITIONS. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE GRID MAINS AS REQUIRED TO ACHIEVE THIS DESIGN INTENT.
11	PROVIDE 6" THICK MINERAL WOOL ACOUSTICAL BATT INSULATION ABOVE THE CEILING IN CHIEF'S OFFICE 110, CONFERENCE 111, OFFICE 109.1, AND OFFICE 114.

MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	COMMENTS
CLG-1	2X2 ACOUSTICAL CEILING TILE	ARMSTRONG	ULTIMA SQUARE LAY-IN 1940	
CLG-2	2X2 ARCHITECTURAL METAL CEILING TILE	USG	PANZ	
CLG-3	5/8" GYPSUM BOARD CEILING	USG	ENSEMBLE ACOUSTICAL DRYWALL CEILING	
CLG-4	6"x96" FAUX PLANK METAL CEILING	ARMSTRONG	METALWORKS-LINEAR	PROVIDE 6" AXIOM VECTOR STRAIGHT TRIM AROUND ENTIRE PERIMETER.
CLG-5	4"x96" FAUX PLANK METAL CEILING	ARMSTRONG	METALWORKS-LINEAR-SYNCHRO	
CLG-6	HALF VENTED METAL SOFFIT	PAC-CLAD	PAC-750	
CLG-7	PAINTED EXPOSED METAL DECK	TBD	TBD	
CLG-8	2x2 ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA HEALTH ZONE	



1 FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

CUMRU FIRE DEPARTMENT
1775 WELSH ROAD
MOHNTON, PA 19540

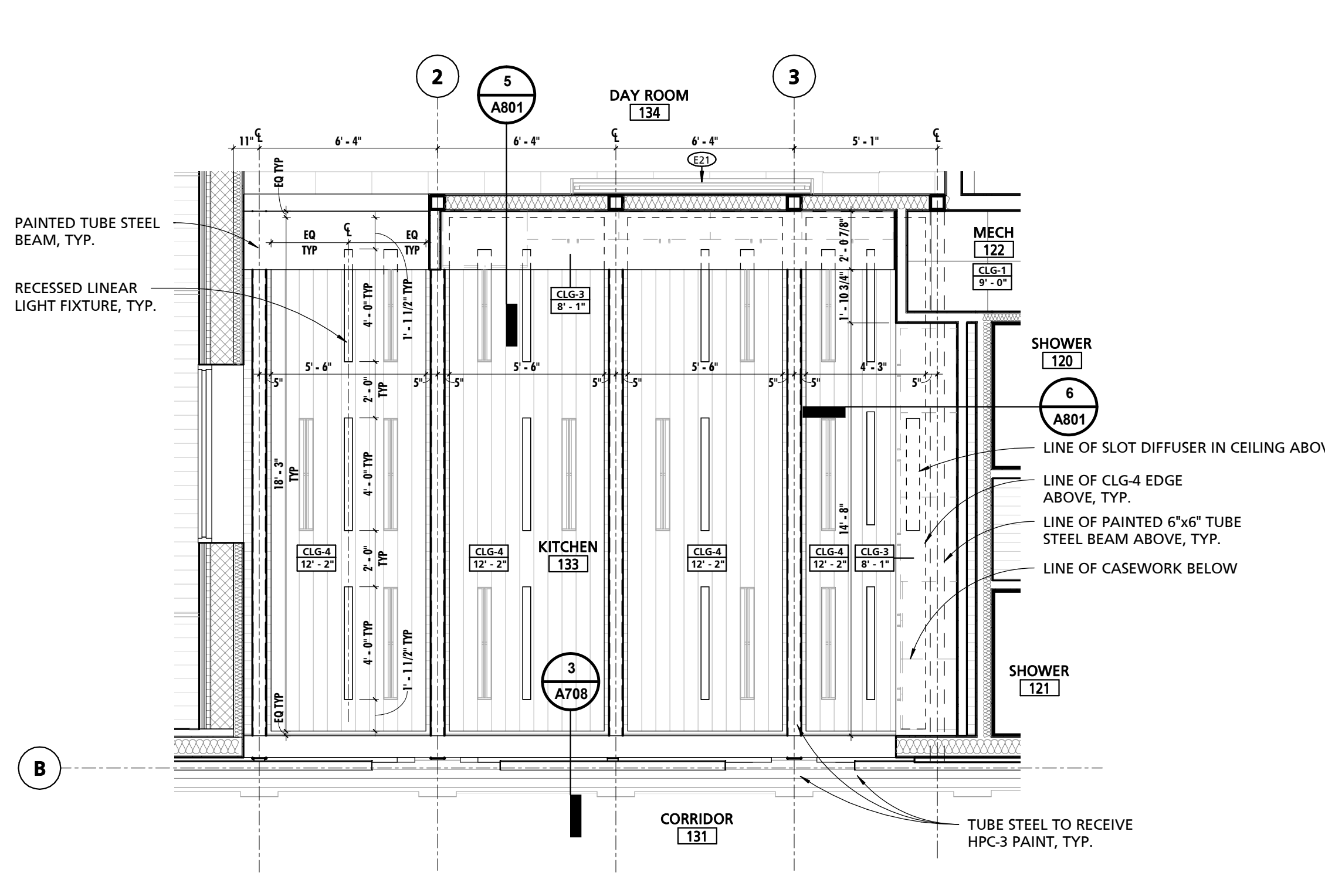
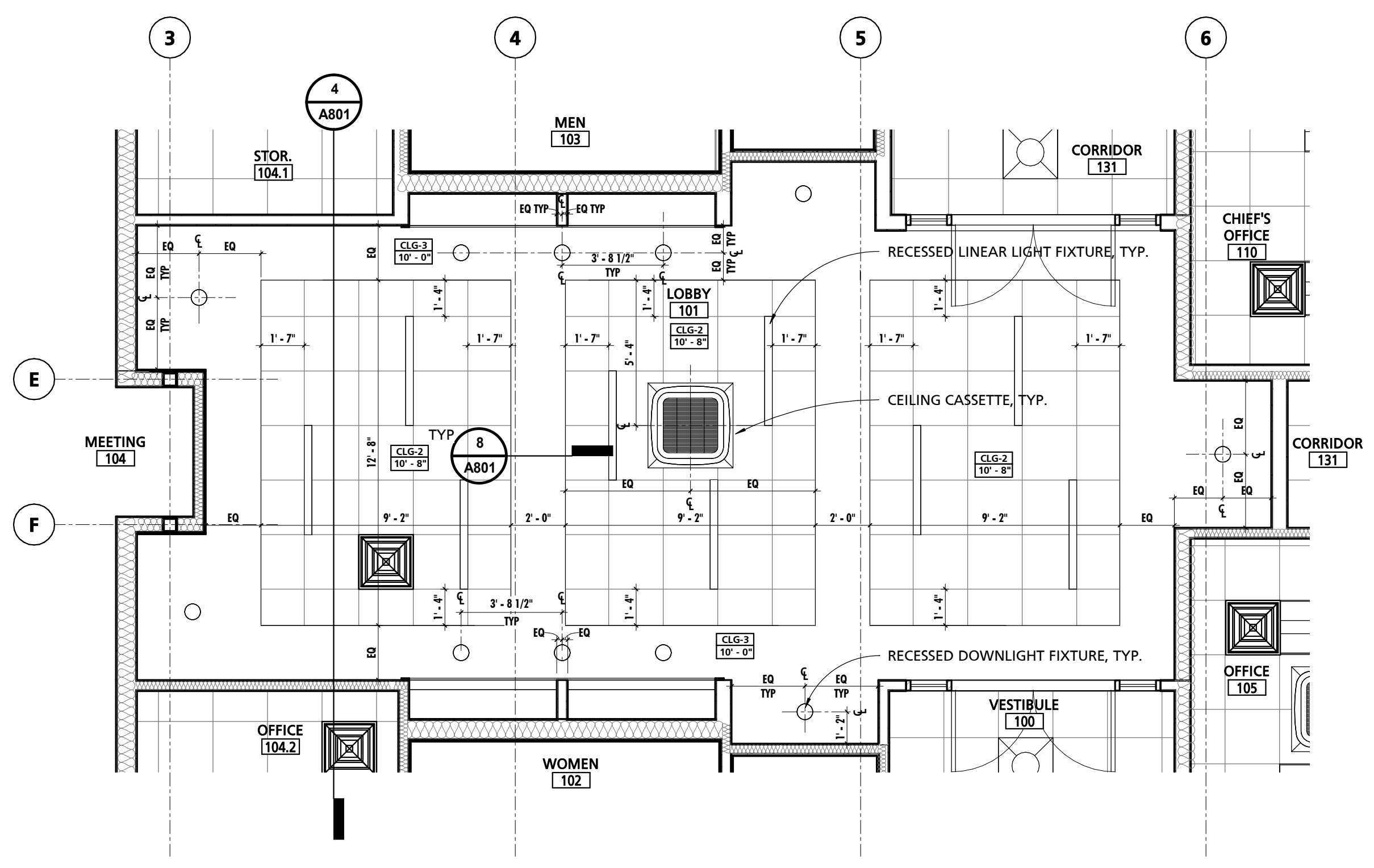
NO.	DESCRIPTION	DATE

PROJECT NUMBER:
18-036
PROJECT SET:
BID SET
DATE ISSUED:
11/30/2023
DRAWING TITLE:
REFLECTED CEILING PLAN
SHEET NUMBER:
A800

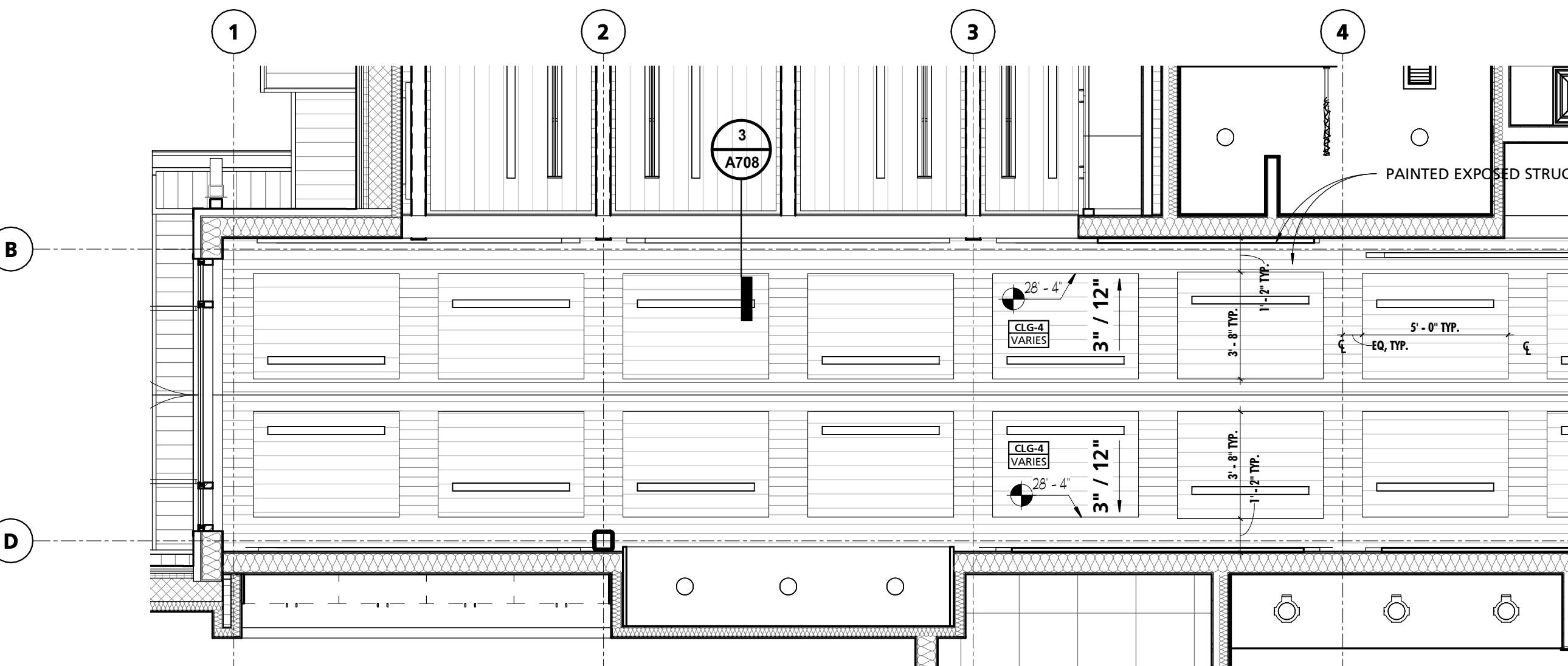
SEAL:
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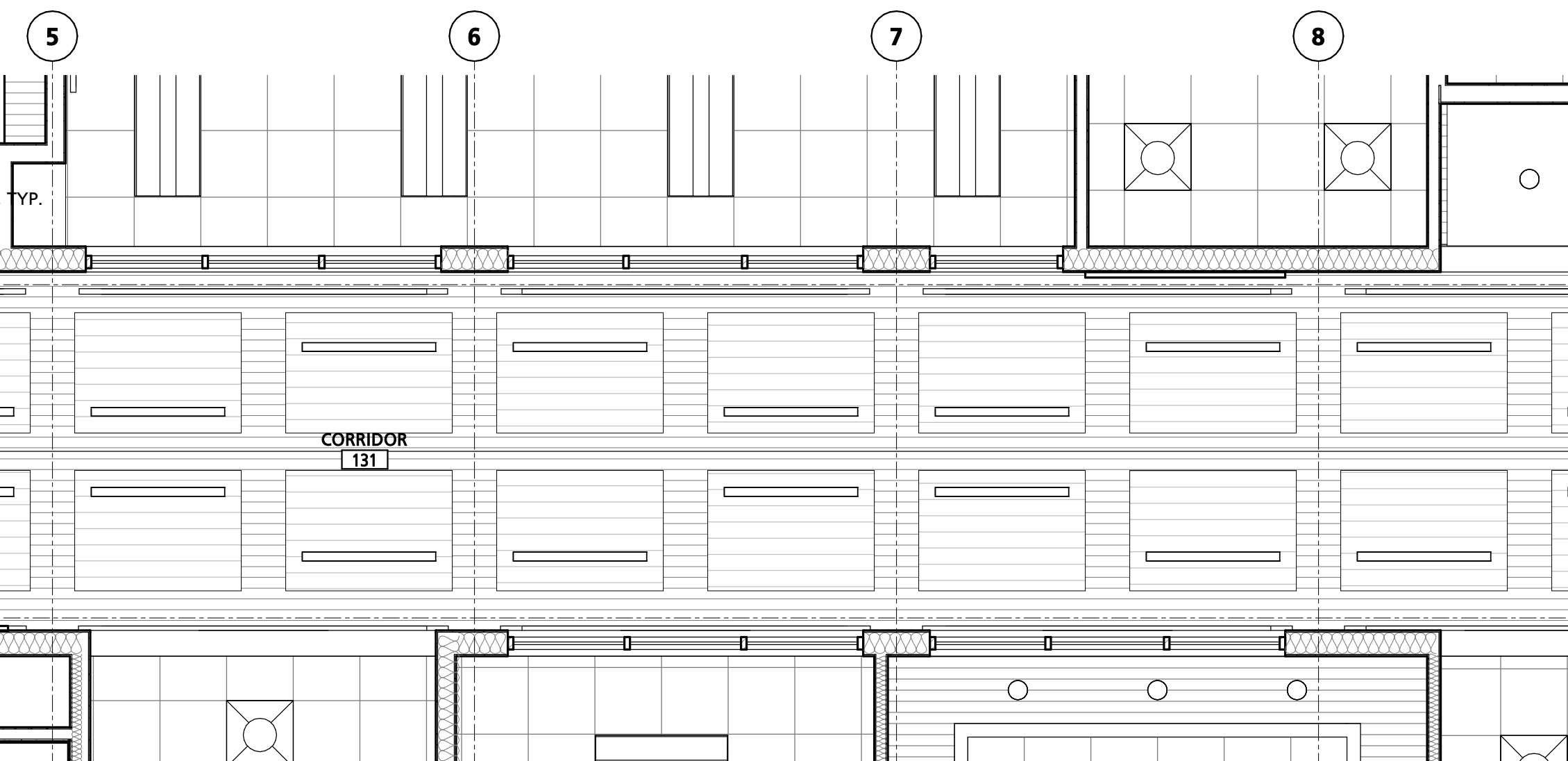
SCHEDULE - CEILING TYPES				
MARK	DESCRIPTION	BOD MANUFACTURER	BOD MODEL	COMMENTS
CLG-1	2x2 ACOUSTICAL CEILING TILE	ARMSTRONG	ULTIMA SQUARE LAY-IN 1940	
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CLG-3	5/8" GYPSUM BOARD CEILING	USG	ENSEMBLE ACOUSTICAL DRYWALL CEILING	
CLG-4	6"x96" FAUX PLANK METAL CEILING	ARMSTRONG	METALWORKS-LINEAR	PROVIDE 6" AXIOM VECTOR STRAIGHT TRIM AROUND ENTIRE PERIMETER.
CLG-5	4"x96" FAUX PLANK METAL CEILING	ARMSTRONG	METALWORKS-LINEAR-SYNCHRO	
CLG-6	HALF VENTED METAL SOFFIT	PAC-CLAD	PAC-750	
CLG-7	PAINTED EXPOSED METAL DECK	TBD	TBD	
CLG-8	2x2 ACOUSTICAL CEILING TILE	ARMSTRONG	OPTIMA HEALTH ZONE	



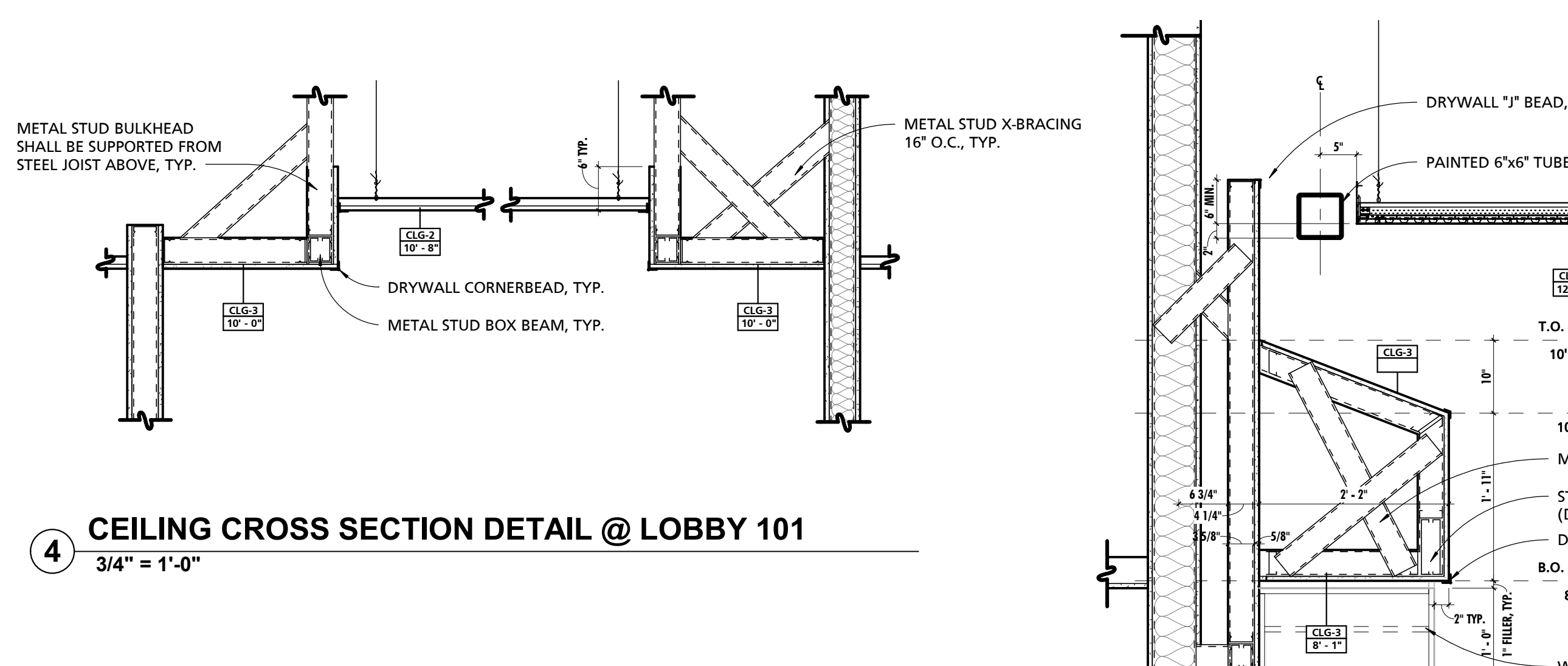
1 ENLARGED RCP @ LOBBY 101
1/4" = 1'-0"



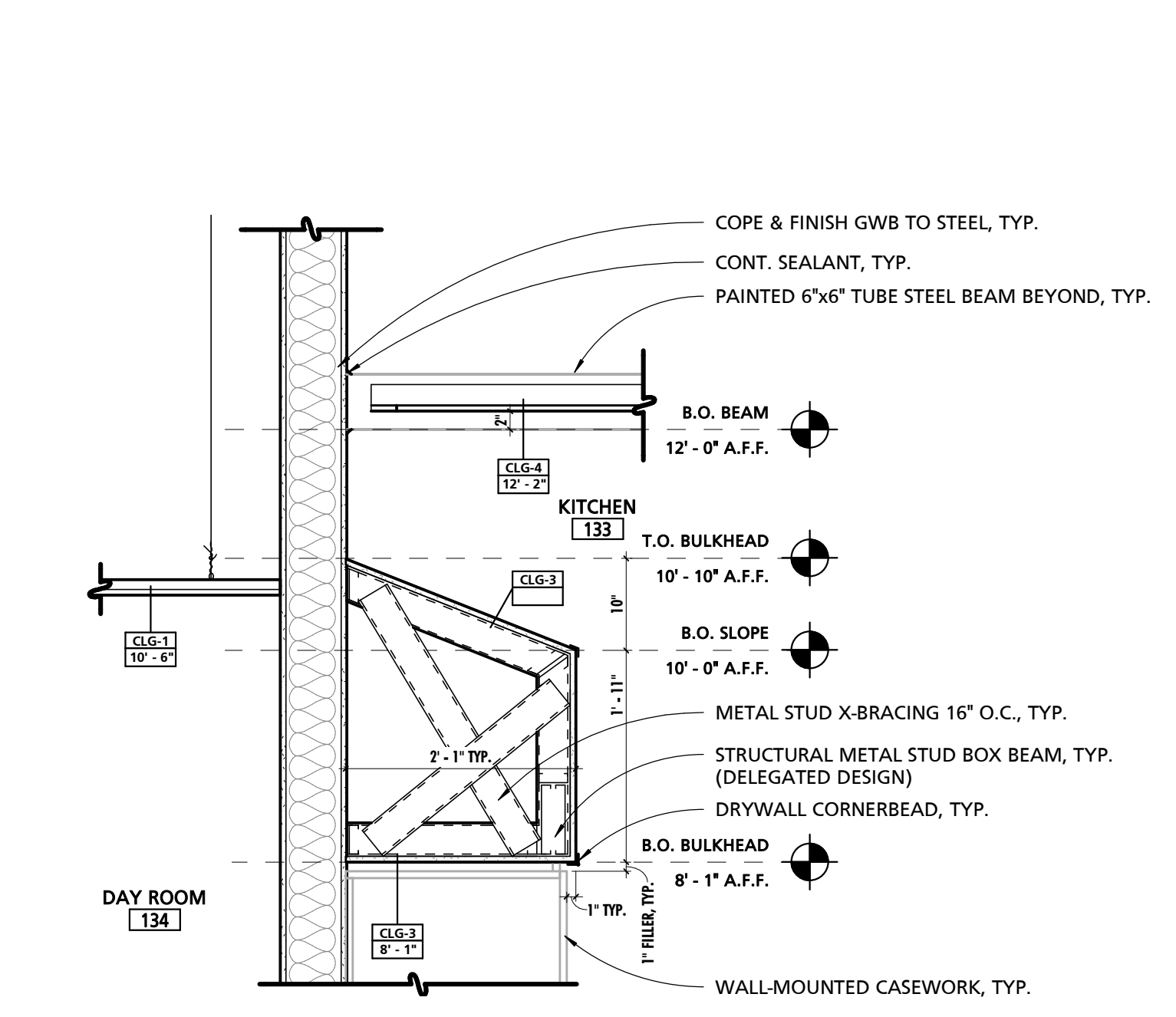
2 ENLARGED RCP @ KITCHEN 133
1/4" = 1'-0"



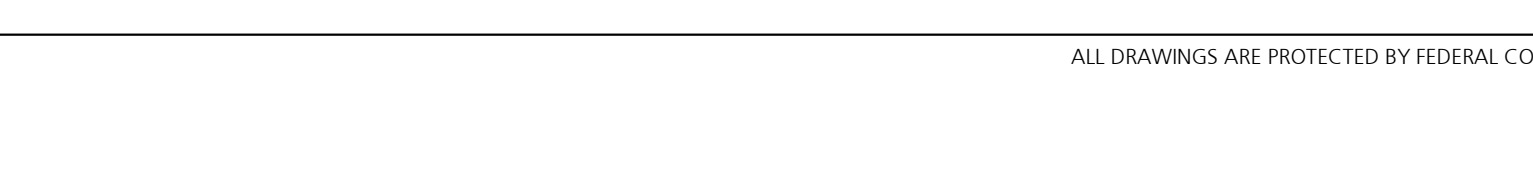
3 ENLARGED RCP @ CORRIDOR 131
1/4" = 1'-0"



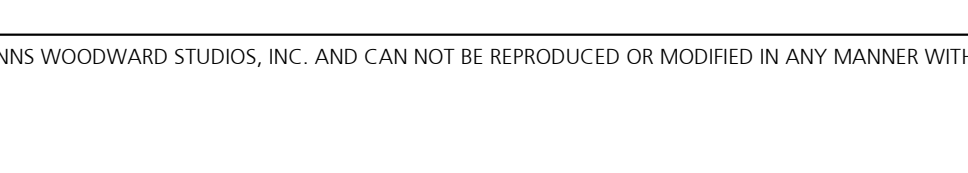
4 CEILING CROSS SECTION DETAIL @ LOBBY 101
3/4" = 1'-0"



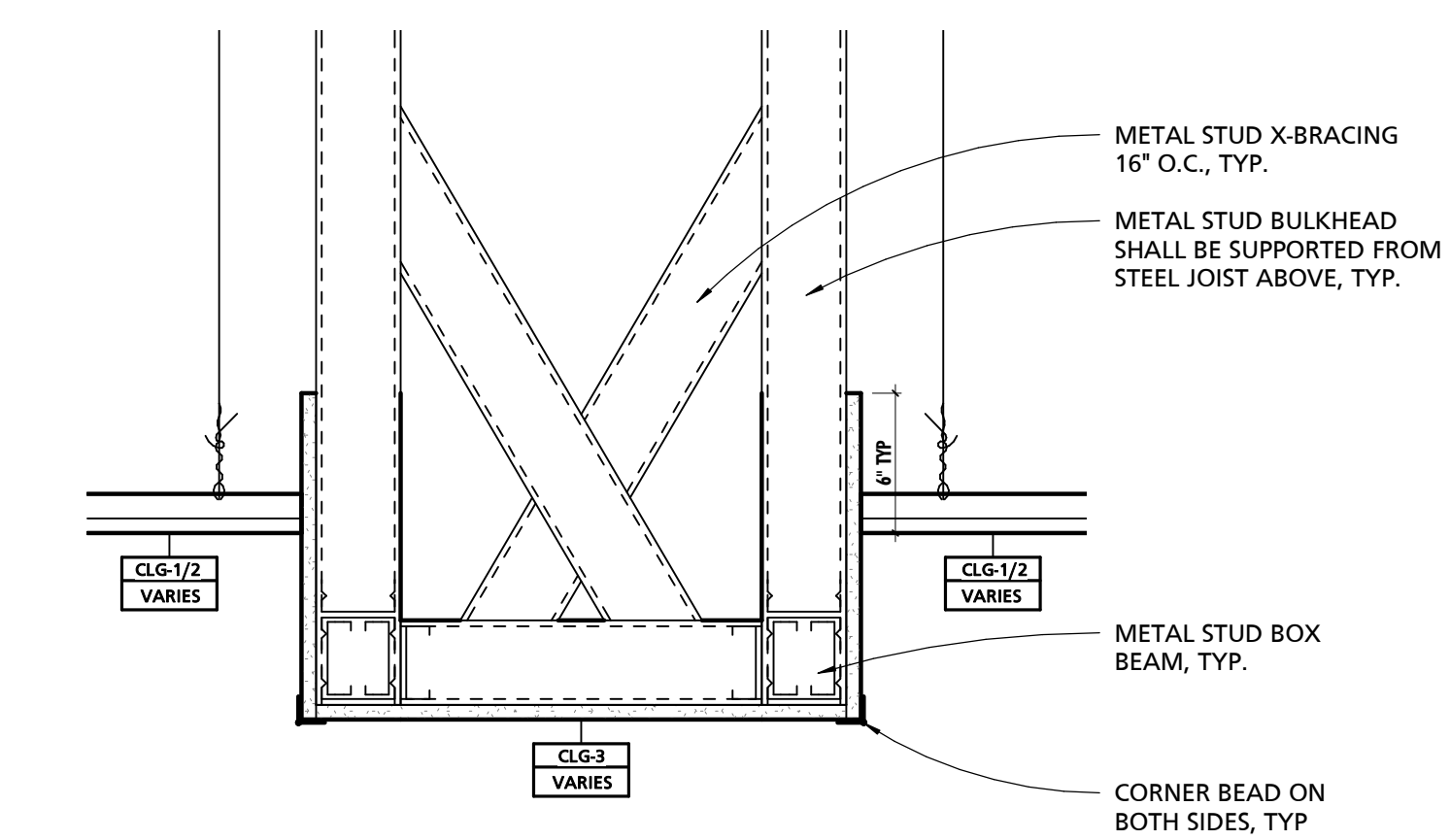
5 KITCHEN CLG @ NORTH BULKHEAD
3/4" = 1'-0"



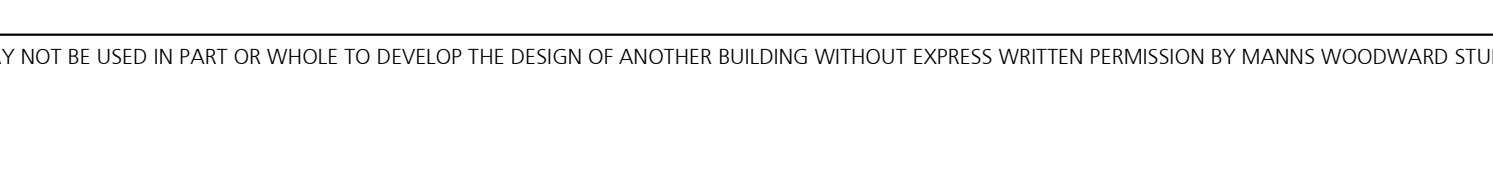
6 KITCHEN CLG @ EAST BULKHEAD
3/4" = 1'-0"



7 TYPICAL EXTERIOR BEAM WRAP DETAIL
3" = 1'-0"



8 TYPICAL BULKHEAD DETAIL
1 1/2" = 1'-0"



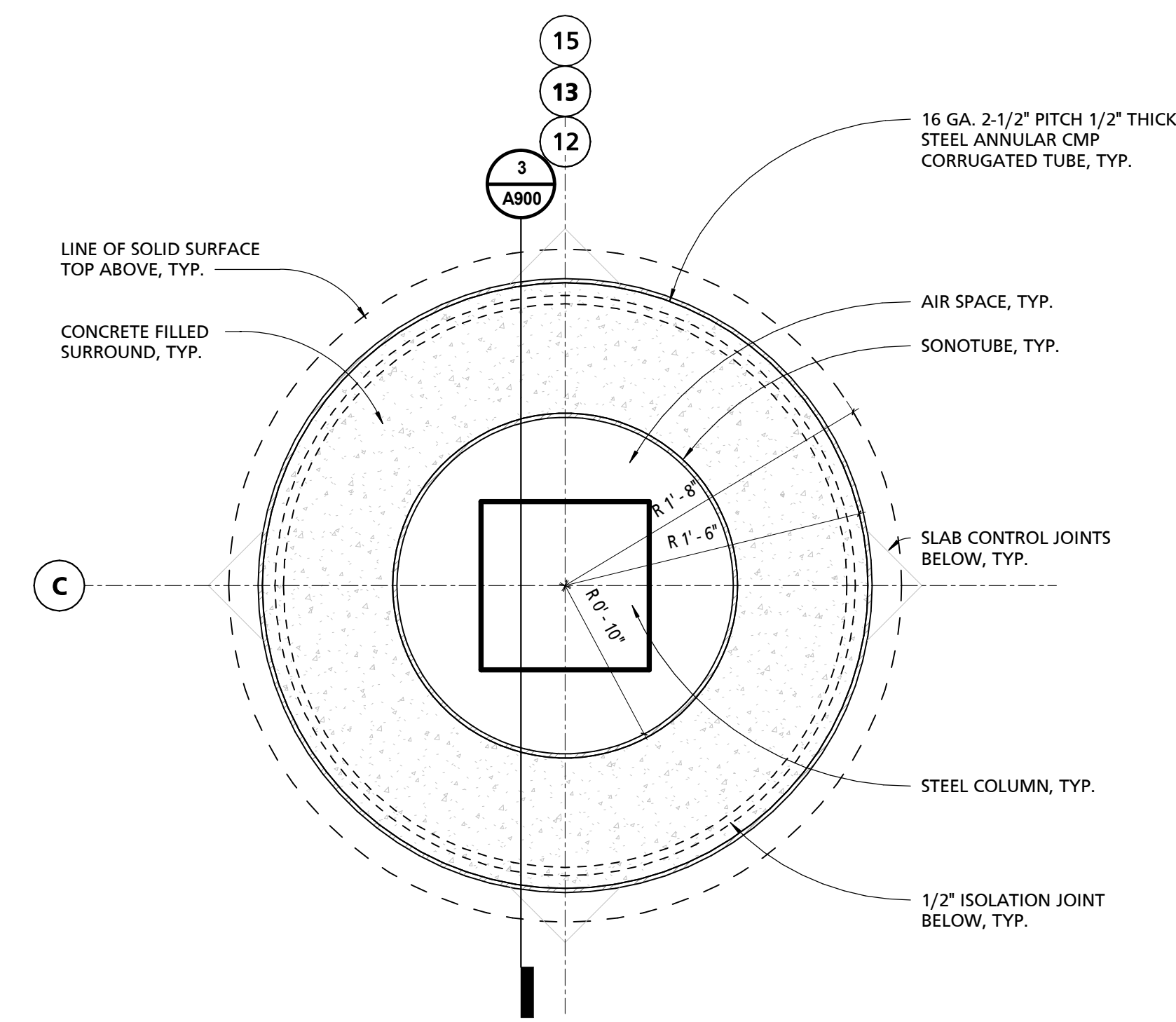
9 BULKHEAD DETAIL @ MEETING ROOM 104
1 1/2" = 1'-0"



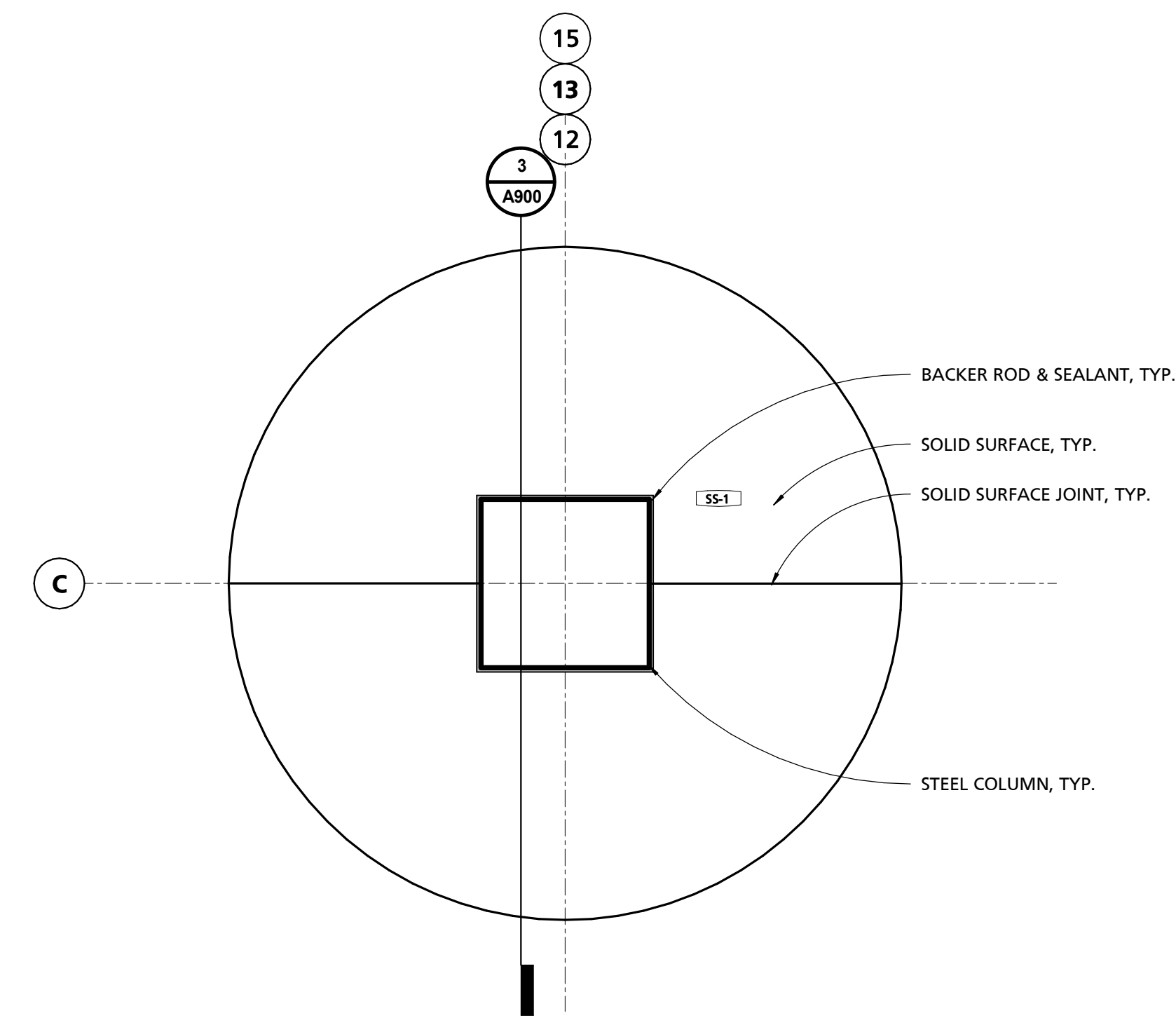
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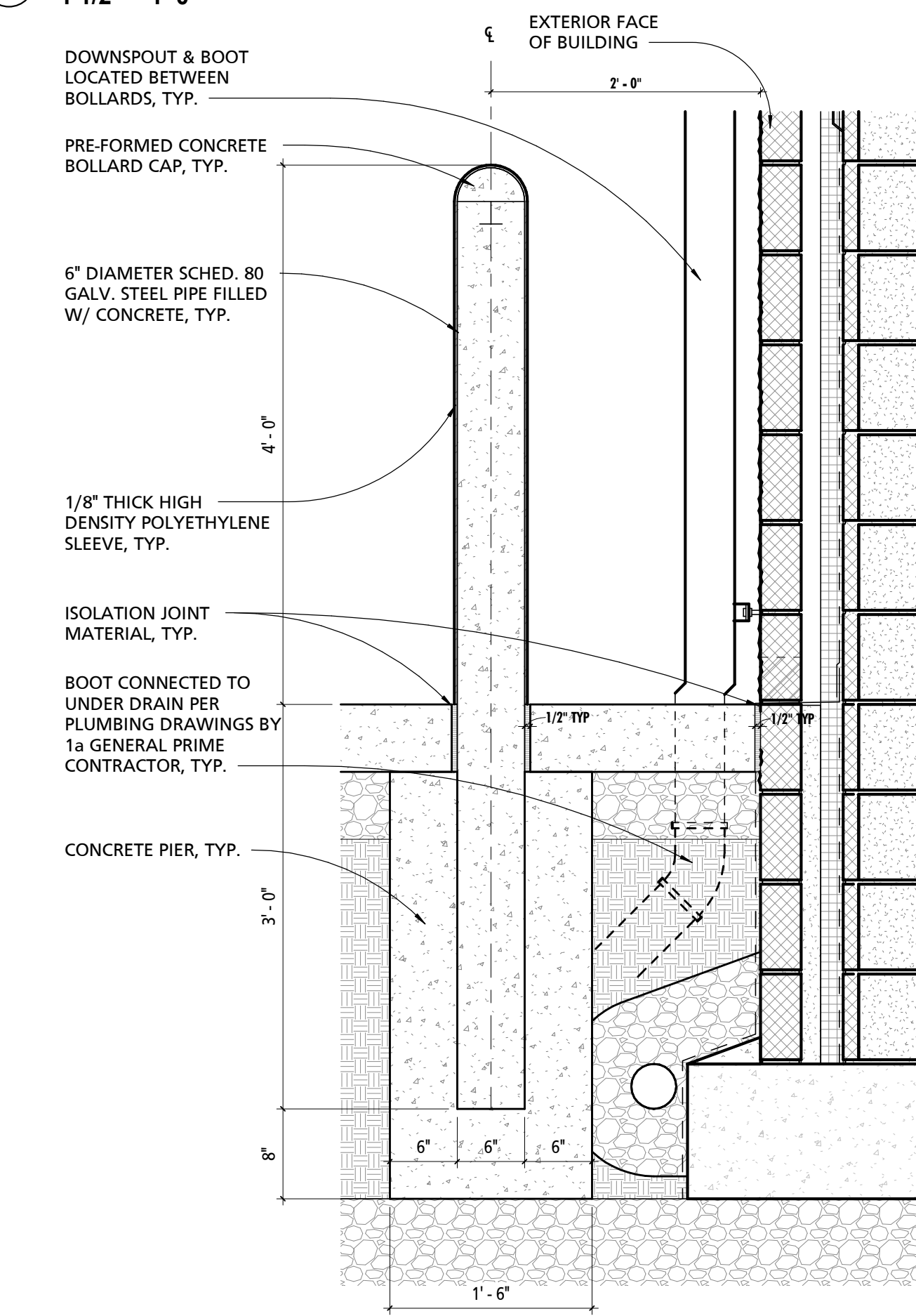
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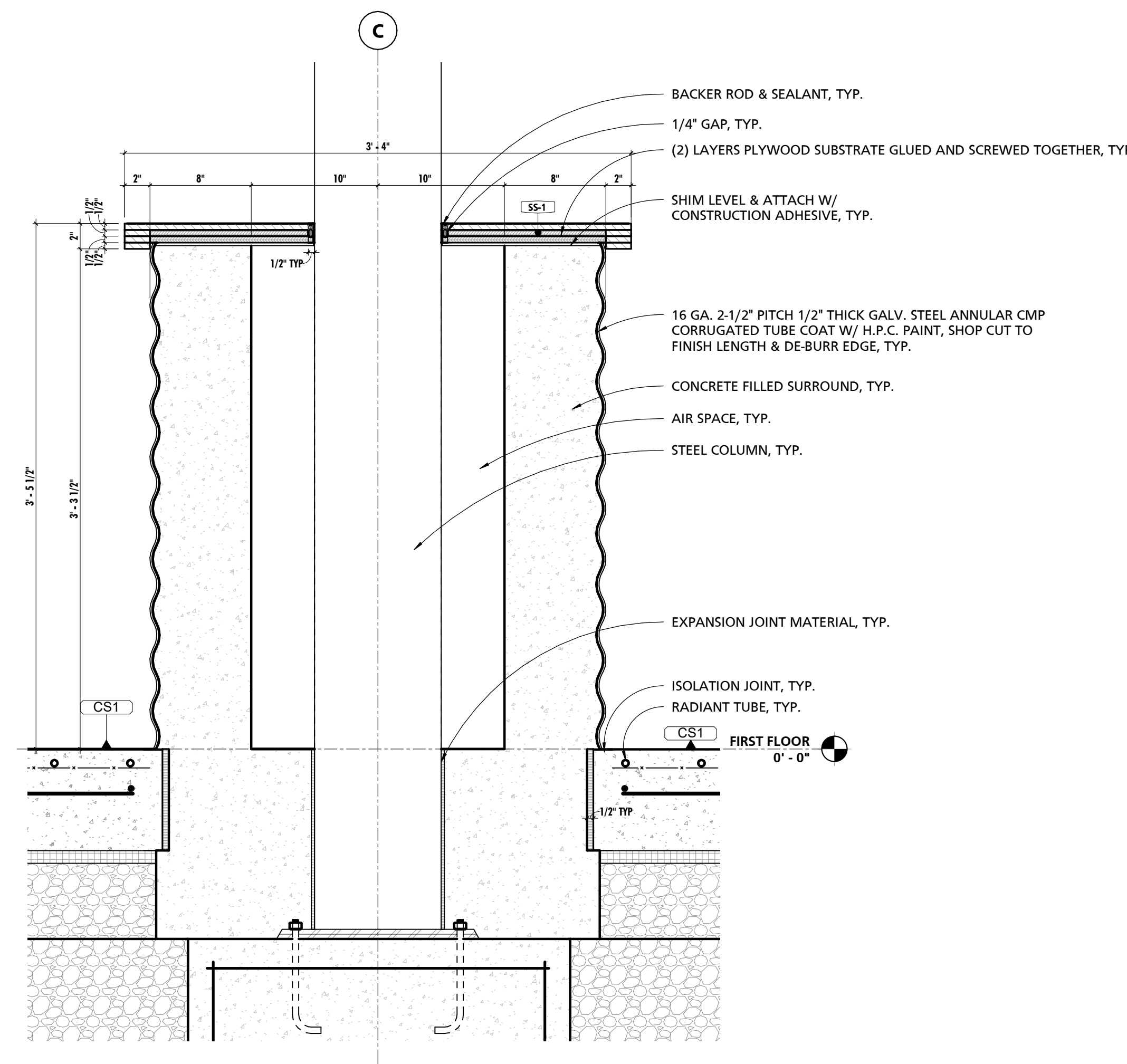
1 TYPICAL APPARATUS BAY COLUMN SURROUND DETAIL
1 1/2" = 1'-0"



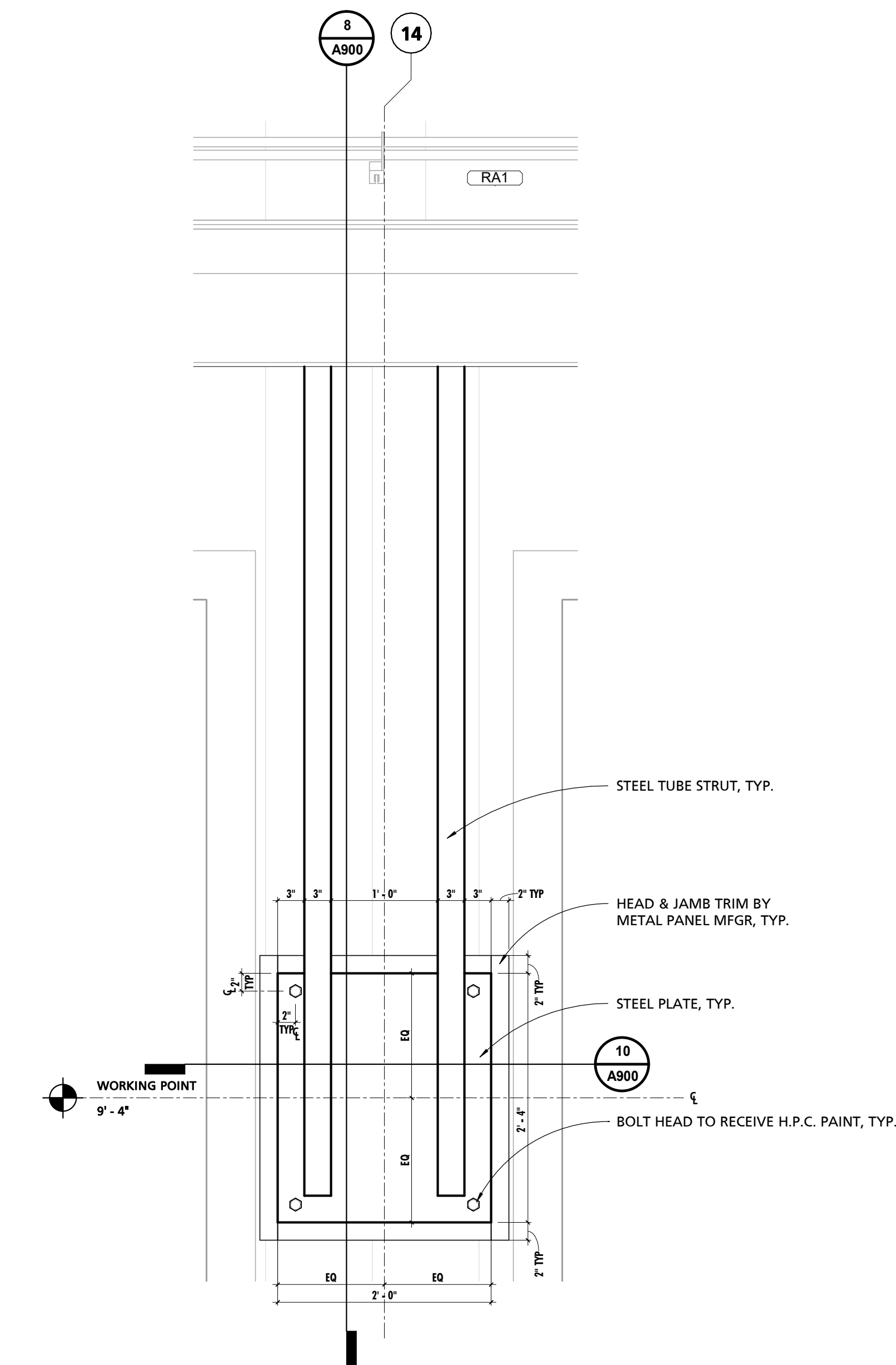
2 TYPICAL APPARATUS BAY COLUMN SURROUND DETAIL
1 1/2" = 1'-0"



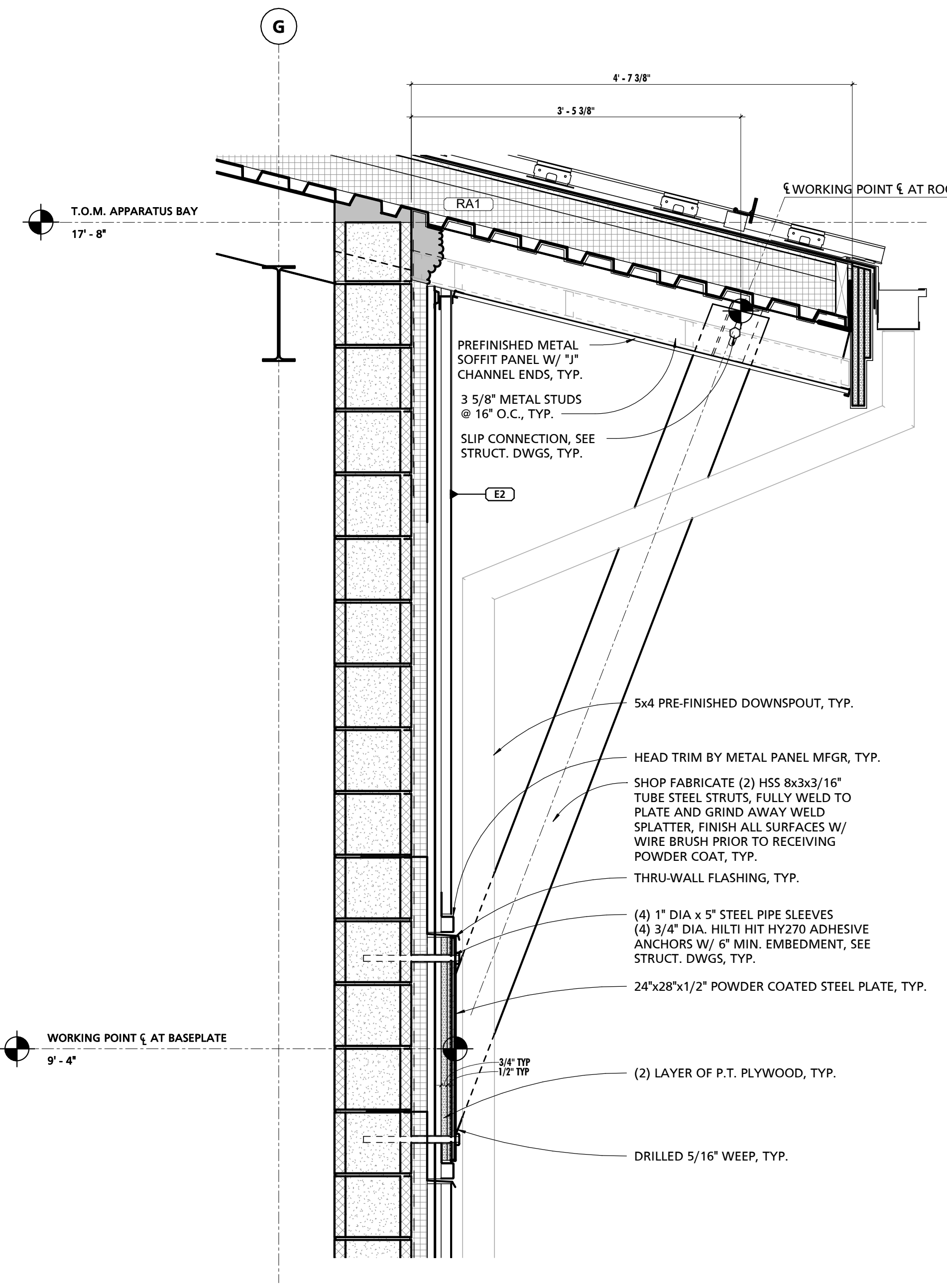
6 TYPICAL BOLLARD DETAIL
1" = 1'-0"



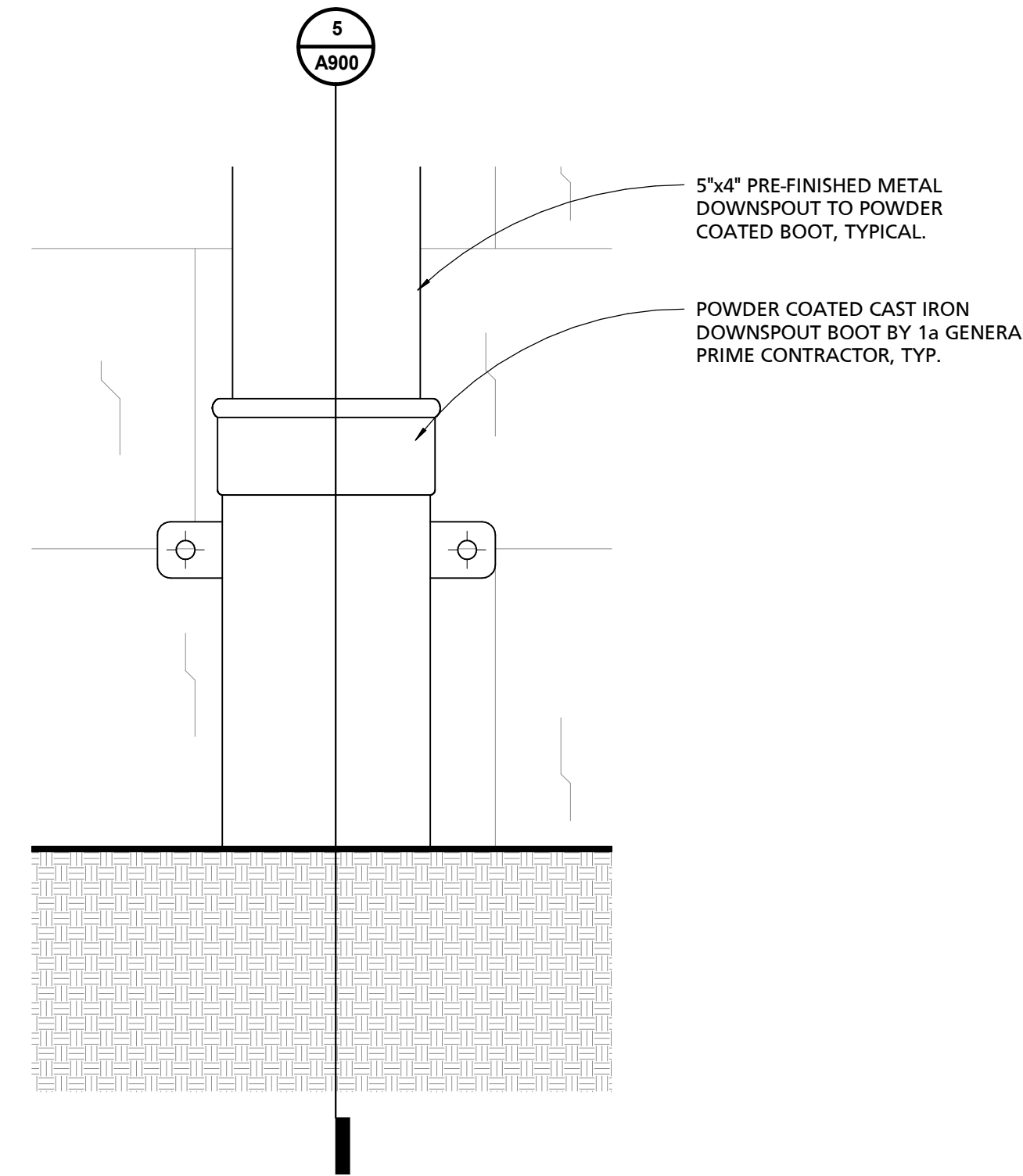
3 TYPICAL APPARATUS BAY COLUMN SURROUND DETAIL
1 1/2" = 1'-0"



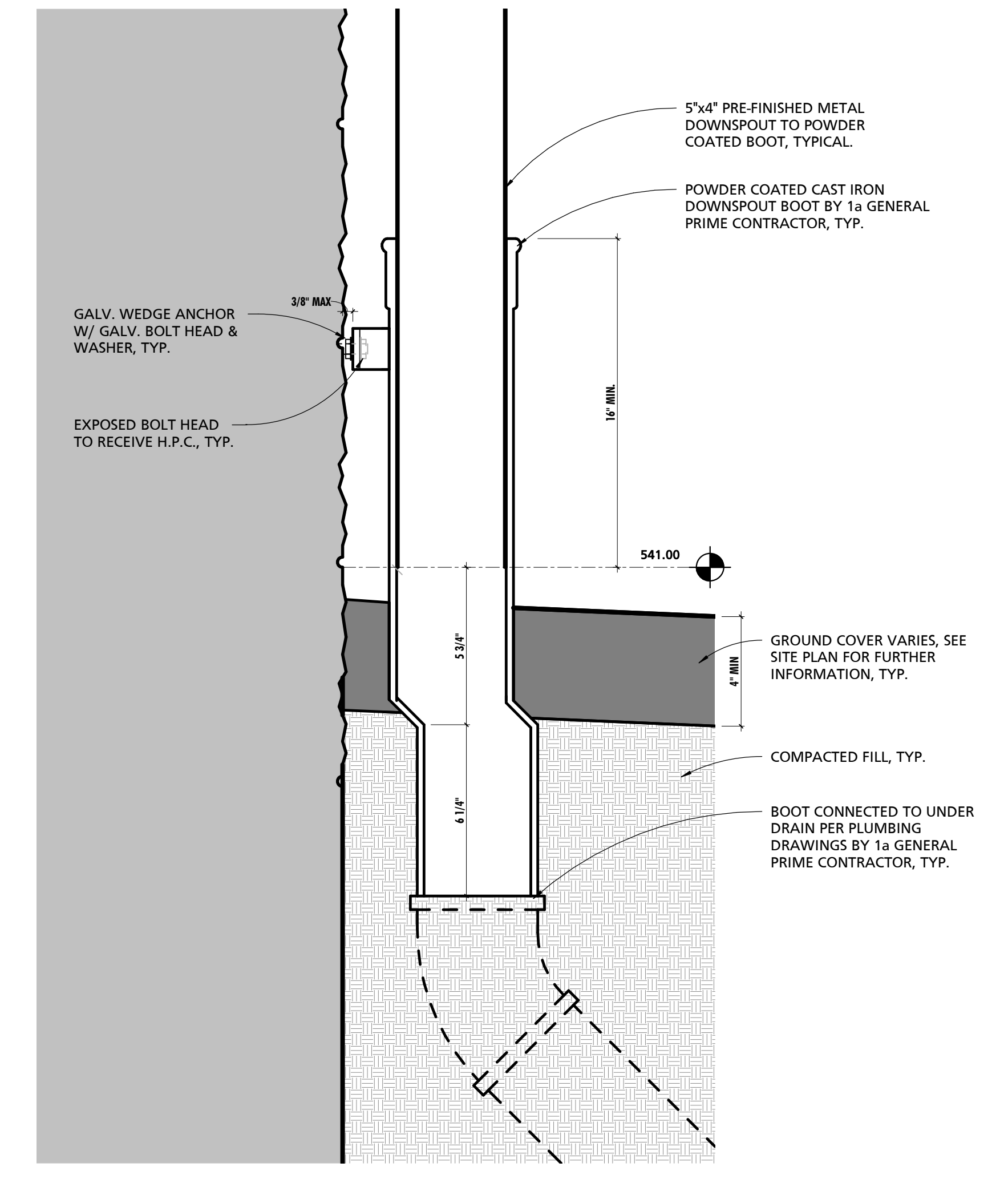
7 TYPICAL ORNAMENTAL METAL STRUT DETAIL
1" = 1'-0"



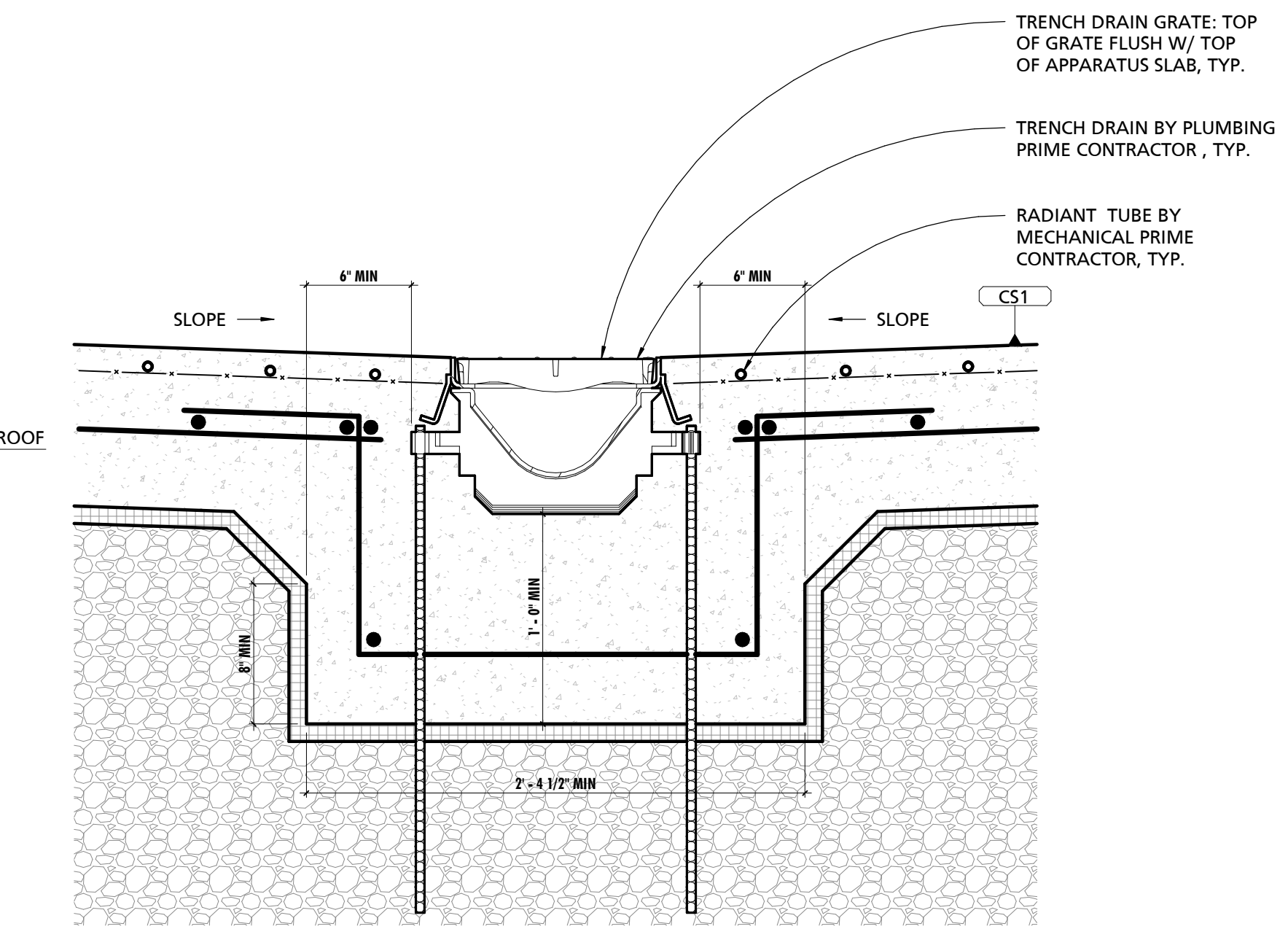
8 TYPICAL ORNAMENTAL METAL STRUT SECTION DETAIL
1" = 1'-0"



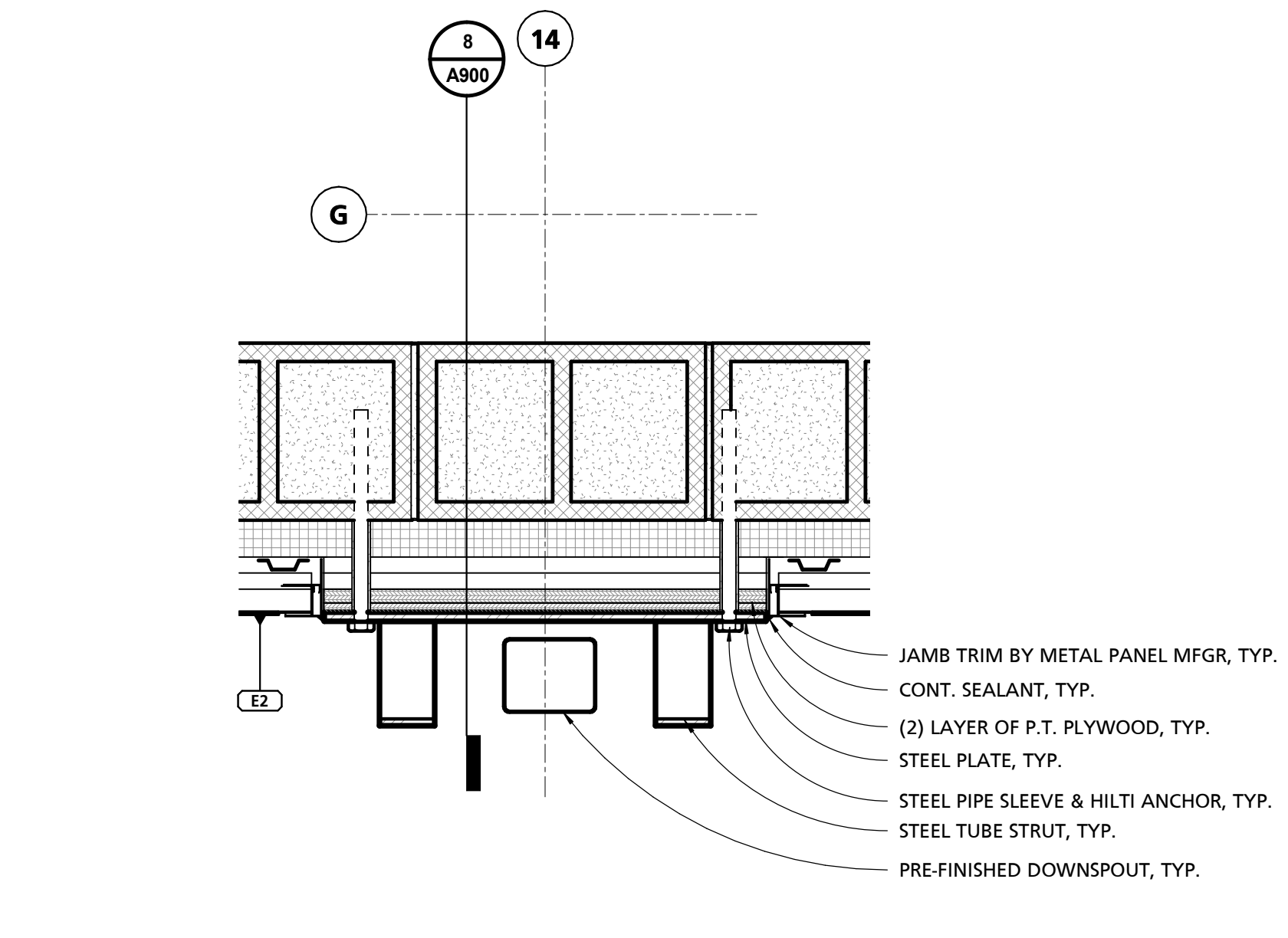
4 TYPICAL DOWNSPOUT BOOT DETAIL
3" = 1'-0"



5 TYPICAL DOWNSPOUT BOOT SECTION DETAIL
3" = 1'-0"



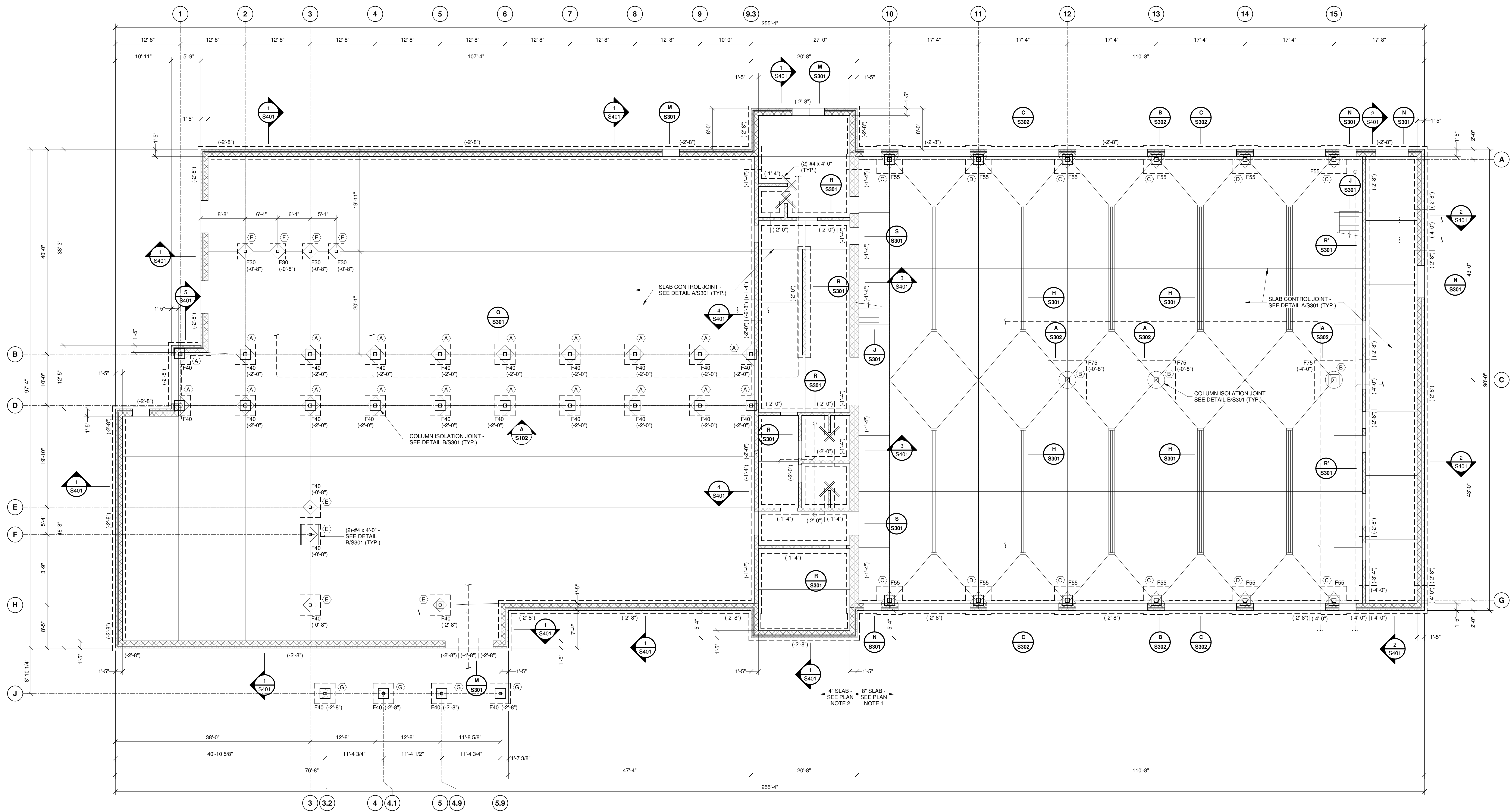
9 TYPICAL TRENCH DRAIN DETAIL
1 1/2" = 1'-0"



10 TYPICAL ORNAMENTAL METAL STRUT SECTION DETAIL
1 1/2" = 1'-0"

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CONSULTANT:
MPM
 MANN PATRICK MILAND, INC.
 6511 Harford Road
 Baltimore, Maryland 21214
 Telephone: (410) 254-7500



MARK	SIZE	BOTTOM REINFORCING
F30	3'-0"x3'-0"x1'-0"	(3)-#4 x 2'-6" EACH WAY, BOTTOM
F40	4'-0"x4'-0"x1'-0"	(4)-#5 x 3'-6" EACH WAY, BOTTOM
F55	5'-6"x5'-6"x1'-4"	(6)-#6 x 5'-0" EACH WAY, BOTTOM
F75	7'-6"x7'-6"x1'-6"	(7)-#7 x 7'-0" EACH WAY, BOTTOM

FOUNDATION/ FIRST FLOOR PLAN

- UNLESS OTHERWISE NOTED, SLAB ON GRADE TO BE 8" MINIMUM THICK CONCRETE SLAB w/ #3 @ 12" o.c. EACH WAY, ON SEAMLESS POLYETHYLENE VAPOR BARRIER OVER 1" HIGH DENSITY, 80psi MINIMUM COMPRESSIVE STRENGTH OWENS CORNING FOAMULAR 600KPS INSULATION, OVER 6" THICK CRUSHED STONE OR WASHED GRAVEL OVER A PROPERLY PREPARED SUBGRADE.
- UNLESS OTHERWISE NOTED, SLAB ON GRADE TO BE 4" MINIMUM THICK CONCRETE SLAB w/ 6x6x10/10 WWM ON SEAMLESS POLYETHYLENE VAPOR BARRIER OVER 6" THICK CRUSHED STONE OR WASHED GRAVEL OVER A PROPERLY PREPARED SUBGRADE.
- TOP OF SLAB ON GRADE ELEVATION EQUALS DATUM ELEVATION 0'-0" UNLESS OTHERWISE NOTED 2X" AS REFERENCED FROM DATUM ELEVATION 0'-0".
- TOP OF FOOTING ELEVATIONS ARE NOTED THUS (-X'-X") IN PLAN AS REFERENCED FROM DATUM ELEVATION 0'-0".
- REFER TO DRAWING 2.1 FOR GENERAL NOTES.
- REFER TO ARCHITECTURAL DRAWINGS FOR LAYOUT OF INTERIOR CMU WALLS, SLOPED SLABS, FLOOR DRAINS, SLAB DEPRESSIONS, ETC.
- SEE ARCHITECTURAL DRAWINGS FOR LOCATION AND CONNECTION OF FAUX WELDED STEEL COLUMN BASE TRIM INSTALLED ON COLUMN DURING FABRICATION.

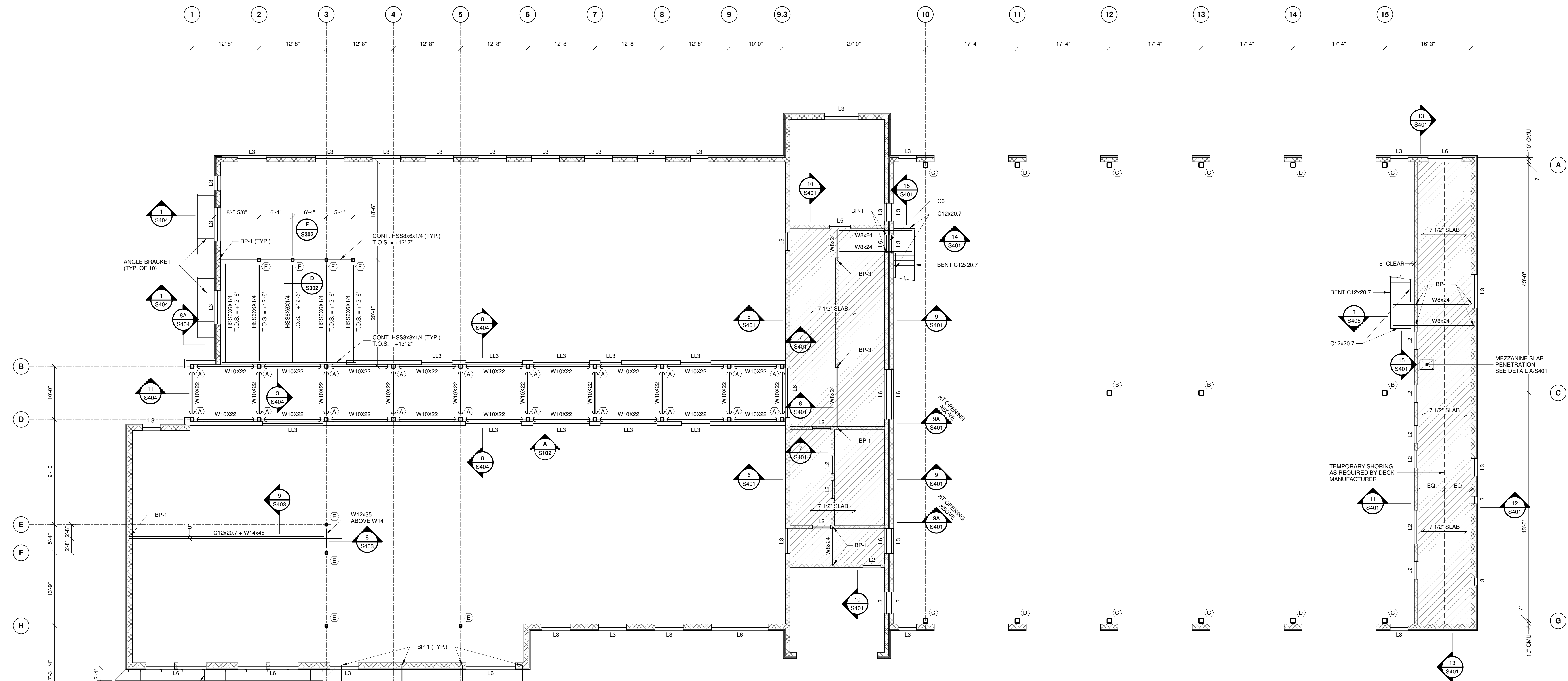
CUMRU FIRE DEPARTMENT
 PROPOSED WELSH ROAD STATION
 1775 WELSH ROAD
 MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT 18-036
 PROJECT BID SET
 DATE 11/30/2023
 DRAWING FOUNDATION/ FIRST FLOOR PLAN
 SHEET **S101**

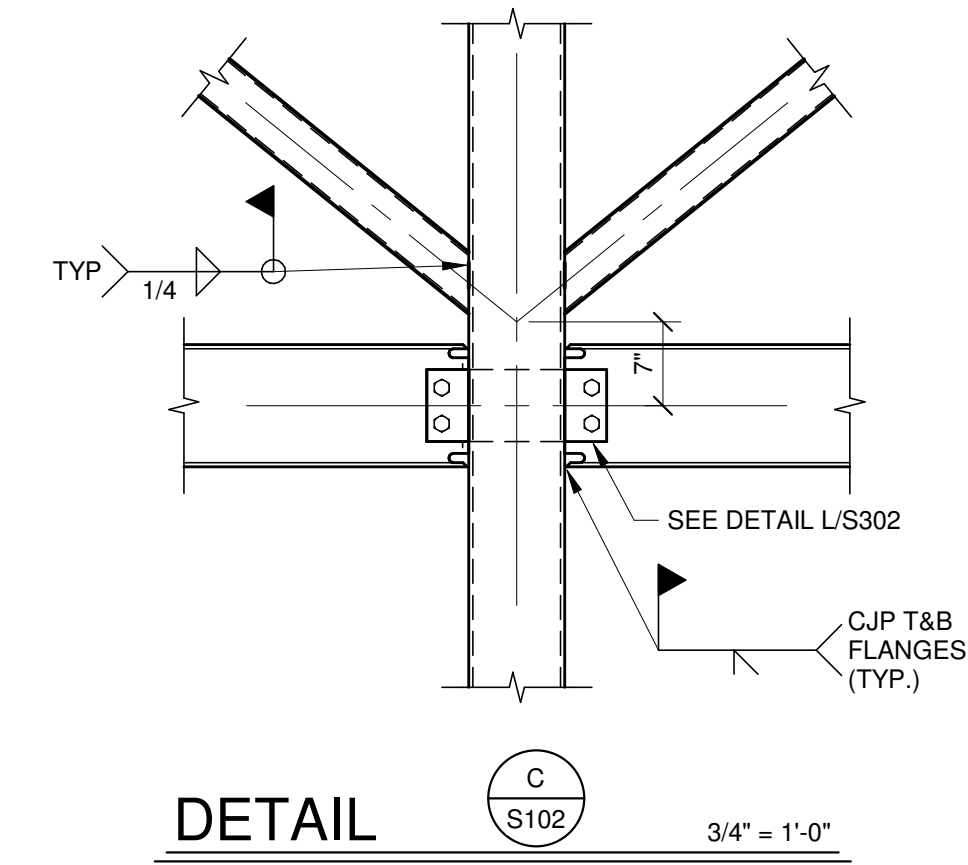
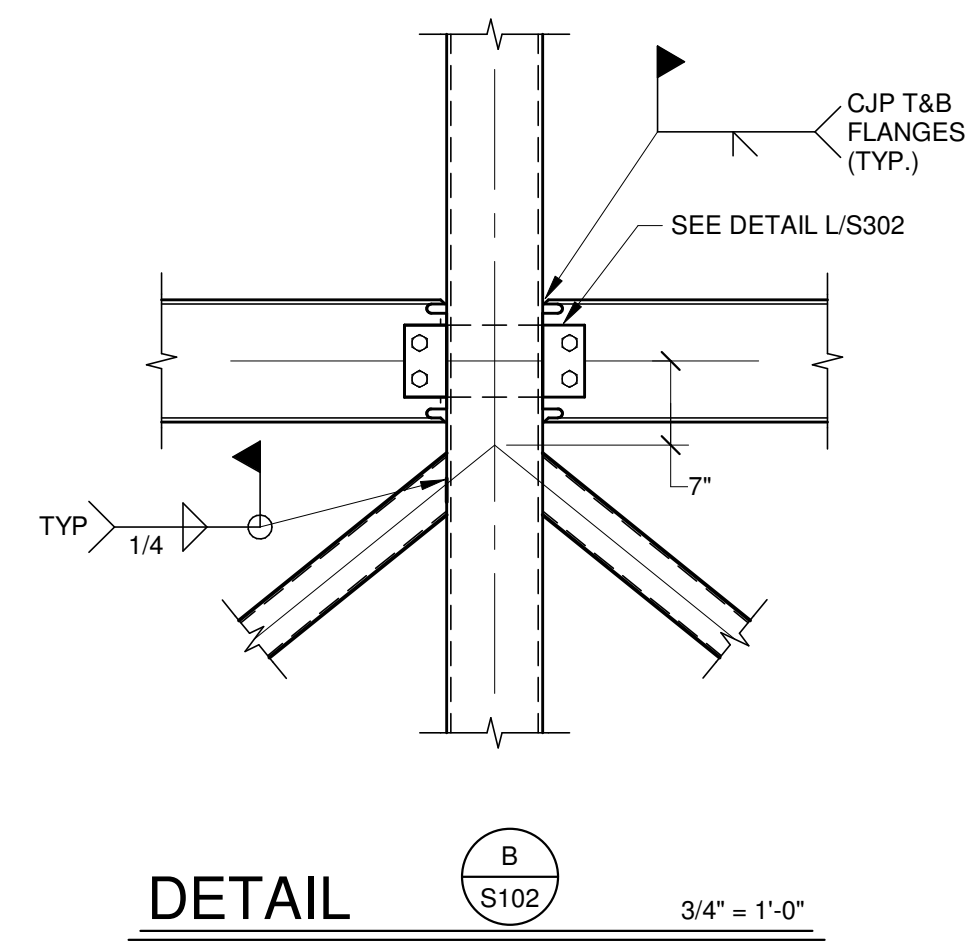
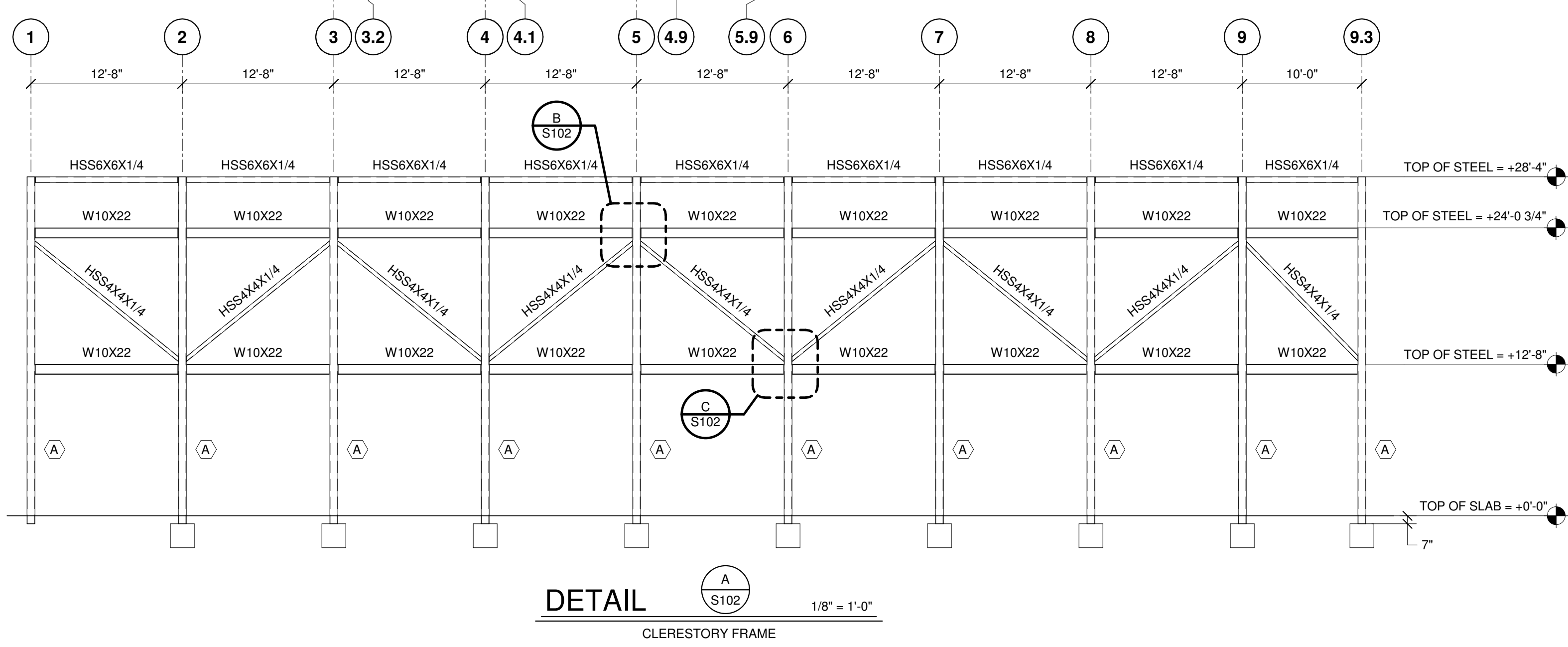
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CONSULTANT:
MPM
MANN PATRICK MILANO, INC.
6511 Harford Road
Baltimore, Maryland 21214
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MEZZANINE & LOW CORRIDOR STEEL FRAMING PLAN 1/8" = 1'-0"

- MEZZANINE AREAS SHADED THIS [diagonal lines] IN PLAN TO BE 7 1/2" TOTAL THICK CONCRETE SLAB w/ 3" 16ga. GALVANIZED COMPOSITE METAL DECK TYPE "S16.1" AS MANUFACTURED BY WULFRATH OR APPROVED EQUIVALENT. REINFORCE SLAB w/ 6x6x8/8 WWM TOP & #4 @ 12" o.c. BOTTOM PARALLEL WITH DECK SPAN. MINIMUM DECK PROPERTIES $f_y = 45$, $f_u = 58$, $S_x = S_y = 1.013$. FASTEN DECK w/ APPROPRIATE HILTI X-HSN 24 OR X-ENP 19 FASTENERS AT 12" o.c. FASTEN SIDE LAPS w/ #10 TEK SCREWS @ 24" o.c.
- PROVIDE TEMPORARY SHORING FOR DECK PRIOR TO PLACING CONCRETE WHERE INDICATED AND AS REQUIRED BY MANUFACTURERS RECOMMENDATIONS, NAMELY AT SINGLE SPANS GREATER THAN 11'-0", DOUBLE SPANS GREATER THAN 13'-0", & TRIPLE SPANS GREATER THAN 13'-0".
- IN PLAN INDICATES THE DIRECTION OF SLAB SPAN.
- TOP OF MEZZANINE SLAB ELEVATION EQUALS +9'-4" AS REFERENCED FROM DATUM ELEVATION 0'-0".
- TOP OF STEEL ELEVATION EQUALS +8'-8 1/2" AT MEZZANINE.
- TOP OF CORRIDOR STEEL EQUALS +12'-8".
- IN PLAN INDICATES BEAM TO BEAM OR BEAM TO COLUMN MOMENT CONNECTIONS. SEE DETAIL G/S302.



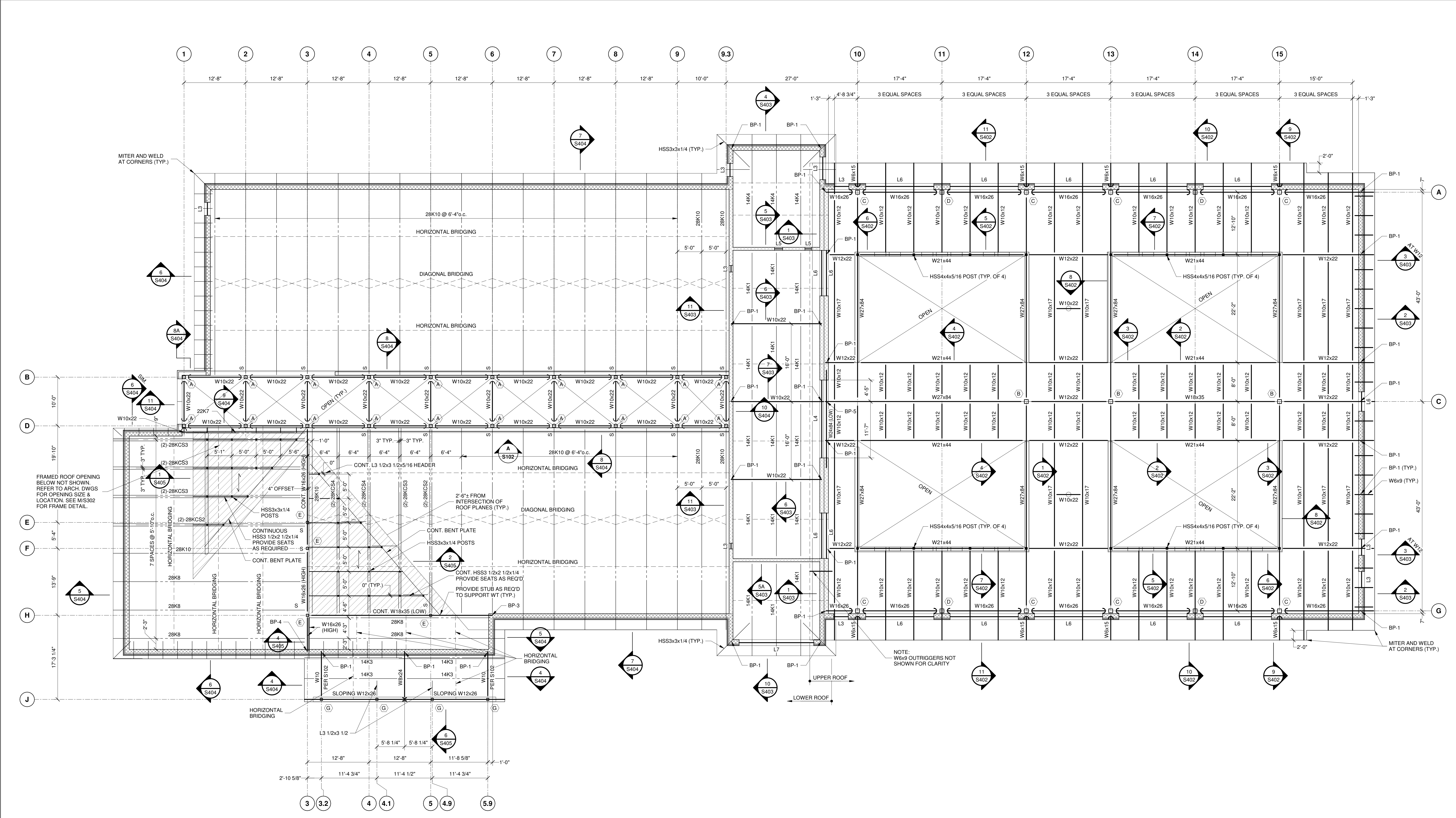
CUMRU FIRE DEPARTMENT
PROPOSED WELSH ROAD STATION
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT 18-036
PROJECT BID SET
DATE 11/30/2023
DRAWING MEZZANINE FRAMING PLAN
SHEET **S102**

THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDENDA 1-4. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS DRAWINGS & SPECIFICATIONS. ALL ALTERS AND CONTINGENCIES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

MPM
CONSULTANT:
MILAN PATIL, M.I.A.D., A.P.
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UPPER & LOWER ROOF FRAMING PLAN
1/8" = 1'-0"
PROJECT NORTH

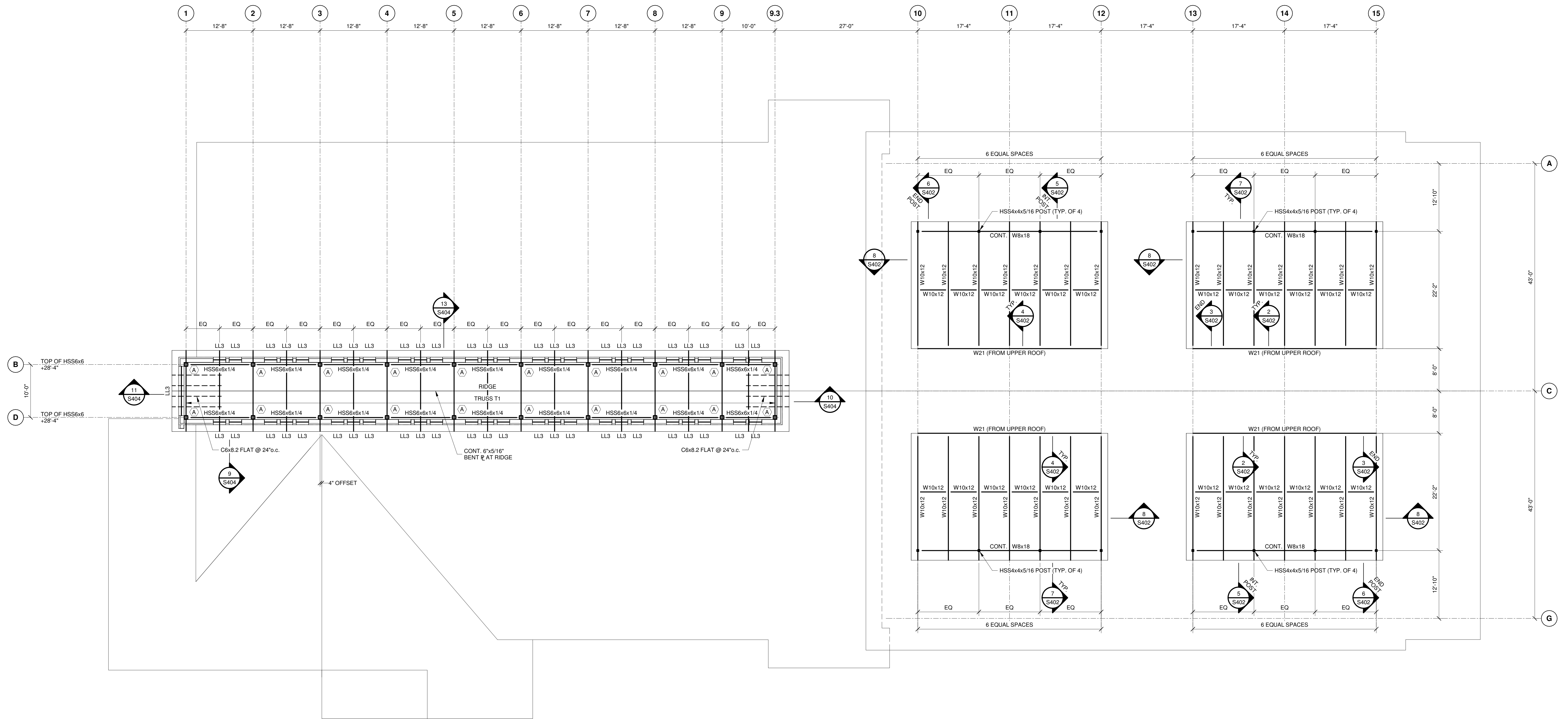
- ENTIRE ROOF DECK TO BE 1 1/2" 20ga. GALVANIZED TYPE 'B' METAL DECK AS MANUFACTURED BY VULCRAFT OR APPROVED EQUIVALENT.
- ELEVATIONS AT TOP OF STEEL BEAM (T.O.S.), AND TOP OF JOIST (T.O.J.) AS INDICATED ON PLAN, SECTIONS, AND ELEVATIONS ARE REFERENCED TO DATUM ELEVATION 0'-0". UNLESS OTHERWISE NOTED.
- TOP OF STEEL BEAMS THAT ARE PARALLEL TO JOISTS ARE TO BE AT THE SAME ELEVATION AND FOLLOW THE SAME SLOPE AS ADJACENT JOISTS, UNLESS OTHERWISE NOTED.
- DESIGN ALL JOISTS FOR A NET UPLIFT LOAD OF 15psf. PROVIDE ADDITIONAL BRIDGING AS REQUIRED.
- 'S' IN PLAN INDICATES BOTTOM CHORD STRUT TO COLUMN AND/OR BEAM. WELD STRUT TO COLUMN AND/OR BEAM AFTER ROOF DEAD LOAD HAS BEEN APPLIED.
- 'O' IN PLAN INDICATES 'OVERBUILD' AREAS WHERE THERE IS UPPER & LOWER LEVEL OF DECKING. ← IN PLAN REPRESENTS DECK SPAN DIRECTION OF THE UPPER LEVEL OF THE DECK. SEE SECTIONS FOR ADDITIONAL INFORMATION.
- ← IN PLAN INDICATES BEAM TO BEAM OR BEAM TO COLUMN MOMENT CONNECTIONS. SEE DETAIL G/302.

CUMRU FIRE DEPARTMENT
PROPOSED WELSH ROAD STATION
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT: 18-036
PROJECT BID SET
DATE: 11/30/2023
DRAWING: ROOF FRAMING PLAN
SHEET: S103
MPM #18150

THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDENDA 1-4. THIS CONFORMED SET SHALL BE CONSIDERED SECONDARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS DRAWINGS & SPECIFICATIONS. ALL ADDENDA AND THE OWNERS ACCEPTED BID ALTERNATES AND CONTINGENCES. THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.



CLERESTORY ROOF FRAMING PLAN

1/8" = 1'-0"

- ENTIRE CLERESTORY ROOF DECK TO BE 1 1/2", 29ga., GALVANIZED TYPE "B" METAL DECK AS MANUFACTURED BY VULCRAFT OR APPROVED EQUIVALENT.
- ELEVATIONS AT TOP OF STEEL BEAM (T.O.S.) AS INDICATED ON PLAN, SECTIONS, AND ELEVATIONS ARE REFERENCED TO DATUM ELEVATION 0'-0", UNLESS OTHERWISE NOTED.



DORMER ROOF FRAMING PLAN

1/8" = 1'-0"

- ENTIRE DORMER ROOF DECK TO BE 1 1/2", 29ga., GALVANIZED TYPE "B" METAL DECK AS MANUFACTURED BY VULCRAFT OR APPROVED EQUIVALENT.
- ELEVATIONS AT TOP OF STEEL BEAM (T.O.S.) AS INDICATED ON PLAN AND/OR SECTIONS ARE REFERENCED TO DATUM ELEVATION 0'-0", UNLESS OTHERWISE NOTED.

CUMRU FIRE DEPARTMENT
PROPOSED WELSH ROAD STATION
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

PROJECT
18-036
PROJECT
BID SET
DATE
11/30/2023

DRAWING
HIGH ROOF

SHEET

S104

MPM #18150

ABBREVIATIONS

&	AND
@	DIAMETER
±	PLUS OR MINUS
AES	ARCHITECTURALLY EXPOSED STEEL ABOVE FINISHED FLOOR
ARCH	ARCHITECTURAL
ASD	ALLOWABLE STRESS DESIGN
BN	BEAN
BOTT	BOTTOM
CP	CENTERLINE
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
COORD	COORDINATE
DN	DOWN
DN	DOWN
DWG	DRAWING
EL	ELEVATION
ELEV	ELEVATION
EQ	EQUIVALENT
EQW	EQUIVALENT
EW	EACH WAY
EX	EXISTING
EXT.	EXTERIOR
FDN	FOUNDATION
FTG	FOOTING
GA	GALVANIZED
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GEN	GENERAL
HK	HOOK
HRIZ	HORIZONTAL
HS	HIGH STRENGTH
INSUL	INSULATION
INT	INTERIOR
INV	INVERT
L	ANGLE
LBS	POUNDS
LT GA	LIGHTGAUGE
MAS	MASONRY
MAX	MAXIMUM
MECH	MECHANICAL
MEZZ	MEZZANINE
MIN	MINIMUM
MISC	MISCELLANEOUS
MPH	MILES PER HOUR
MTL	METAL
N/A	NOT APPLICABLE
NTS	NOT TO SCALE
OC	ON CENTER
OPP	OPPOSITE
PC	PRECAST CONCRETE
PERP	PERPENDICULAR
PL	PLATE
PREFAB	PREFABRICATED
PROJ	PROJECTION
PSF	POUNDS PER SQUARE FOOT
PT	PRESSURE TREATED
REIN	REINFORCED, REINFORCEMENT
REOD	REQUIRED
REV	REVISION
ROOFTOP	ROOFTOP UNIT
SAN	SANITARY
SD	STORM DRAIN
SM	SIMILAR
SJ	SLAB JOINT
SO	SLAB ON GRADE
SPEC	SPECIFICATION
SS	STAINLESS STEEL
STD	STANDARD
STRUCT	STRUCTURAL
T&B	TOP AND BOTTOM
TB	TRUSS BEARING
THRU	THROUGH
TOB	TOP OF BEAM
TOJ	TOP OF JOIST
TOS	TOP OF SLAB
TOW	TOP OF WALL
TYP	TYPICAL
UNL	UNLESS OTHERWISE NOTED
VERT	VERTICAL
W/F	WITH
WWM	WELDED WIRE MESH

LINTEL SCHEDULE

MARK	TYPE	CONFIGURATION	REMARKS
P	4" WIDE x 8" HIGH PRECAST MASONRY LINTEL w/ (1) #5 T & B FOR EACH 4" OF WALL THICKNESS.		FOR OPENINGS IN NON-BEARING INTERIOR PARTITIONS UP TO 5'-0" WIDE. PROVIDE 8" MINIMUM BEARING EACH END.
P6	6" WIDE x 8" HIGH PRECAST MASONRY LINTEL w/ (1) #5 T & B.		FOR OPENINGS IN NON-BEARING INTERIOR PARTITIONS UP TO 5'-0" WIDE. PROVIDE 8" MINIMUM BEARING EACH END.
P10	4" WIDE x 8" HIGH + 6" WIDE x 8" HIGH PRECAST MASONRY LINTEL w/ (2) #5 TOP & BOTTOM.		FOR OPENINGS IN NON-BEARING INTERIOR PARTITIONS UP TO 5'-0" WIDE. PROVIDE 8" MINIMUM BEARING EACH END.
L1	GALVANIZED L4x3 1/2x5/16 LLV FOR EACH 4" OF WALL THICKNESS.		FOR OPENINGS UP TO 6'-0" WIDE, UNLESS OTHERWISE NOTED. PROVIDE 8" MINIMUM BEARING EACH END.
L2	GALVANIZED L6x3 1/2x5/16 LLV FOR EACH 4" OF WALL THICKNESS.		FOR OPENINGS BETWEEN 6'-0" TO 10'-0" WIDE, UNLESS OTHERWISE NOTED. PROVIDE 8" MINIMUM BEARING EACH END.
L3	L6x3 1/2x5/16 LLV + L5x5x5/16 GALVANIZE ALL ANGLES		FOR OPENINGS IN 10" CMU WALL WHERE INDICATED. PROVIDE 8" MINIMUM BEARING EACH END.
L4	W16x46 w/ 5/16"x9" GALVANIZED BOTTOM PLATE (WELDED ASSEMBLY)		FOR OPENINGS IN 10" CMU WALLS WHERE INDICATED. PROVIDE 8"-4" EACH END.
L5	W8x21 w/ 5/16"x7" GALVANIZED BOTTOM PLATE (WELDED ASSEMBLY)		FOR OPENINGS IN 8" CMU WALLS WHERE INDICATED. PROVIDE 8"-2" EACH END.
L6	W8x21 w/ 5/16"x9" GALVANIZED BOTTOM PLATE (WELDED ASSEMBLY)		FOR OPENINGS IN 10" CMU WALLS WHERE INDICATED. PROVIDE 8"-2" EACH END.
L7	W12x26 w/ 5/16"x9" GALVANIZED HANGER PLATES @ 16" o.c. & 5/16"x9" GALVANIZED BOTTOM PLATE (WELDED ASSEMBLY)		FOR OPENINGS IN 10" CMU WALLS WHERE INDICATED. PROVIDE 8"-4" EACH END.

NOTE:
 ALL OPENINGS IN MASONRY WALLS AND IN PARTITIONS ARE TO BE PROVIDED WITH LINTELS. LINTELS SHALL BE STRUCTURAL STEEL OR PRECAST CONCRETE AS INDICATED. UNLESS OTHERWISE NOTED, ALL LINTELS SHALL HAVE 8" MINIMUM BEARING AND SHALL BE SET IN A FULL BED OF MORTAR. SHORE LINTELS AS REQUIRED TO PREVENT ROTATION DURING CONSTRUCTION. NOTE THAT ALL WALL OPENINGS MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS. CONTRACTOR SHALL COORDINATE SIZE, TYPE, AND LOCATION OF ALL LINTELS REQUIRED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.

COLUMN SCHEDULE

	A	B	C	D	E	F	G
UPPER ROOF			HIGH ROOF EAVE	HIGH ROOF EAVE			
LOWER ROOF			HIGH ROOF EAVE	HIGH ROOF EAVE			
1 ST FLOOR							
BOTTOM OF BASE ELEVATION	0'-7"	0'-11"	0'-11"	0'-11"	0'-7"	0'-7"	0'-7"
BASE PLATE	14"x14"	16"x16"	16"x16"	16"x16"	12"x12"	12"x12"	12"x12"
BASE PLATE CONFIGURATION (U.O.N.)							
ANCHOR BOLTS	(4)-3/4"Ø x 1'-5" + 3" HOOK w/ 4" THREADED PROJECTION	(4)-3/4"Ø x 1'-5" + 3" HOOK w/ 4" THREADED PROJECTION	(4)-3/4"Ø x 1'-6" + 3" HOOK w/ 4" THREADED PROJECTION	(4)-3/4"Ø x 1'-6" + 3" HOOK w/ 4" THREADED PROJECTION	(4)-3/4"Ø x 1'-6" + 3" HOOK w/ 4" THREADED PROJECTION	(4)-3/4"Ø x 1'-0" + 4" THREADED PROJECTION	(4)-3/4"Ø x 1'-6" + 3" HOOK w/ 4" THREADED PROJECTION
CONCRETE PIER SIZE & REINFORCING (# & RCOD)	21"Ø (4)-#9 VERT. & #3 TIES @ 8" o.c.	24"Ø (8)-#8 VERT. & (2)-#3 TIES @ 8" o.c.	24"Ø (8)-#8 VERT. & (2)-#3 TIES @ 8" o.c.	24"Ø (8)-#8 VERT. & (2)-#3 TIES @ 8" o.c.	24"Ø (8)-#8 VERT. & (2)-#3 TIES @ 8" o.c.	18"Ø (4)-#8 VERT. & #3 TIES @ 8" o.c.	24"Ø (8)-#8 VERT. & (2)-#3 TIES @ 8" o.c.
PIER DETAIL							

STRUCTURAL GENERAL NOTES

DIMENSIONS
 THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS INDICATED ON THESE DRAWINGS AND SHALL NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES OR POTENTIAL CONFLICTS PRIOR TO PROCEEDING WITH CONSTRUCTION. THE CONTRACTOR SHALL USE ARCHITECTURAL DRAWINGS FOR LAYOUT PURPOSES. COORDINATE THE LOCATION OF ALL WALLS, ETC. WITH ARCHITECTURAL DRAWINGS.

STABILITY
 THE BUILDING IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS FULLY COMPLETED. CONSTRUCTION MEANS AND METHODS ARE SOLELY THE CONTRACTOR'S RESPONSIBILITY. THE CONTRACTOR MUST DETERMINE ERECTION SEQUENCE AND ORDER AND SEQUENCE, WHICH WILL ENSURE THE STABILITY OF THE BUILDING, ITS COMPONENT PARTS, AND TEMPORARY OR INCOMPLETE CONNECTIONS DURING ERECTION, INCLUDING THE ADDITION OF ANY SHORING, SHEETING, TEMPORARY GUYS, BRACING, TIEDOWNS, ETC. THAT MAY BE NECESSARY. SUCH MATERIAL AND METHODS ARE NOT SHOWN IN THE CONTRACT DRAWINGS OR SPECIFICATIONS AND ARE SOLELY THE RESPONSIBILITY OF THE CONTRACTOR. THE ENGINEER HAS NO EXPERTISE IN, AND TAKES NO RESPONSIBILITY FOR, THE CONSTRUCTION MEANS AND METHODS OR JOB SITE SAFETY DURING CONSTRUCTION. PROCESSING OR APPROVING SUBMITTALS MADE BY THE CONTRACTOR WHICH MAY CONTAIN INFORMATION RELATED TO CONSTRUCTION METHODS OR SAFETY ISSUES, OR PARTICIPATION IN MEETINGS WHERE SUCH ISSUES MIGHT BE DISCUSSED, SHALL NOT BE CONSTRUED AS VOLUNTARY ASSUMPTION BY THE ENGINEER OF ANY RESPONSIBILITY FOR CONSTRUCTION METHODS AND/OR SAFETY PROCEDURES. IT IS SOLELY THE RESPONSIBILITY OF EACH CONTRACTOR TO FOLLOW ALL APPLICABLE SAFETY PROCEDURES. IT IS SOLELY THE RESPONSIBILITY OF EACH CONTRACTOR TO FOLLOW ALL APPLICABLE SAFETY CODES AND REGULATIONS DURING ALL PHASES OF CONSTRUCTION. THE STRUCTURAL ENGINEER DOES NOT ENGAGE IN AND DOES NOT SUPERVISE CONSTRUCTION.

COORDINATION
 THE CONTRACTOR SHALL VERIFY/COORDINATE FLOOR SLOPES, ROOF, AND WALL OPENINGS, DUCT AND PIPE OPENINGS, EQUIPMENT PADS, ETC. WITH THE ARCHITECTURAL AND MECHANICAL DRAWINGS.

FOUNDATIONS
 A SUBSURFACE EXPLORATION PROGRAM AND GEOTECHNICAL ENGINEERING EVALUATION HAS BEEN PERFORMED BY ECS MID-ATLANTIC, LLC TO ASSIST THE DESIGN TEAM IN THE PREPARATION OF THESE DOCUMENTS. THEIR REPORT, DATED JANUARY 17, 2019, IS AVAILABLE TO CONTRACTORS FOR INFORMATIONAL PURPOSES ONLY AND DOES NOT RELIEVE THE CONTRACTORS OF THEIR RESPONSIBILITIES TO CONDUCT THEIR OWN INDEPENDENT TAILORED STUDY TO ASSESS SUBSURFACE CONDITIONS.

BASED UPON THE GEOTECHNICAL ENGINEERING REPORT, THE NEW STRUCTURE MAY BE SUPPORTED ON SPREAD FOOTINGS FOUNDED UPON FIRM APPROVED NATURAL SOILS OR NEW CONTROLLED STRUCTURAL FILL. AN ALLOWABLE BEARING PRESSURE OF 2,000psf HAS BEEN USED FOR FOUNDATION DESIGN. IF SOILS OF THIS CAPACITY ARE NOT ENCOUNTERED AT ELEVATIONS INDICATED, FOOTINGS SHALL BE LOWERED OR INCREASED IN SIZE AT THE DIRECTION OF THE GEOTECHNICAL INSPECTION AGENCY AND ARCHITECT/ENGINEER. FROST PROTECTION FOR PERIMETER WALL FOUNDATION SHALL BE CONSIDERED AS 3'-0" MINIMUM BELOW ADJACENT FIN. GRADE.

EARTHWORK OPERATIONS: ALL EARTHWORK OPERATIONS ARE TO BE MONITORED BY AN APPROVED GEOTECHNICAL INSPECTION AGENCY STRIP CONSTRUCTION AREA PLUS 10' BENEATH OF ALL TOPSOIL ORGANIC MATERIALS. PAVEMENT, UNSUITABLE EXISTING FILL AND/OR HIGHLY PLASTIC MATERIAL, UTILITIES, DEBRIS AND ALL OTHER DELETERIOUS NON-SOIL MATERIALS, DURING CLEARING AND STRIPPING OPERATIONS, PROVIDE POSITIVE SURFACE DRAINAGE AWAY FROM CONSTRUCTION AREA. AFTER CLEANING AND STRIPPING ARE COMPLETE, THE CONSTRUCTION AREA SHOULD BE PROFFOLLOTTED WITH A MINIMUM 10 TON PAYLOAD TRUCK OR PNEUMATIC TIRE VEHICLE OF SIMILAR SIZE AND WEIGHT. ANY UNSUITABLE MATERIAL OBSERVED DURING THE EXCAVATION AND PROFFOLLOTTING OPERATIONS SHOULD BE DENSED IN PLACE OR UNDERCUT TO A STABLE SUBGRADE AND REPLACED WITH APPROVED COMPACTED FILL. ADDITIONAL UNDERCUTTING OF EXISTING SOILS THAT ARE DISTURBED AND EXPOSED TO WATER SHOULD BE EXPECTED. COMPACTED STRUCTURAL FILL BACKFILL SHOULD CONSIST OF EXISTING SOILS OR BORROW CLASSIFIED AS ML, CL, SM, SC, SW, SF, GW, GP, GM, GC, OR BETTER PROVIDED THEY DO NOT CONTAIN ORGANICS, CONTAIN NO PARTICLE SIZES GREATER THAN 4" IN ANY DIRECTION, AND FALL WITHIN 1 AND +3 PERCENTAGE POINTS OF OPTIMUM MOISTURE, OR BORROW MATERIAL CLASSIFIED AS ML, CL, SM, SC OR MORE GRANULAR IN ACCORDANCE WITH THE UNIFIED SOIL CLASSIFICATION SYSTEM. ASTM D-2487. ALL FILL MATERIAL SHOULD HAVE A LIQUID LIMIT LESS THAN 40 AND A PLASTICITY LESS THAN 20. CONTROLLED COMPACTED FILL BACKFILL SHOULD BE PLACED IN HORIZONTAL LIFTS, WITH MAX HEIGHT OF 8" LOOSE MEASURE. FILL BACKFILL SHOULD BE COMPACTED TO AT LEAST 98% OF MAX. DRY DENSITY AS DETERMINED BY THE STANDARD PROCTOR COMPACTION TEST. ASTM D698 AT -1 AND +3 PERCENTAGE POINTS OF OPTIMUM MOISTURE CONTENT.

FOUNDATIONS:
 THE REPORT INDICATES THAT EXISTING UNDOCUMENTED FILL SOILS WERE ENCOUNTERED AT BORING LOCATIONS B-10 AND B-12 AND ARE EXPECTED TO BE ENCOUNTERED IN OTHER AREAS OF THE BUILDING. FILL AT BORING B-10 EXTENDED TO 18' 0" BELOW GRADE. EXISTING FILL WILL NEED TO BE EXCAVATED AND REMOVED AND REPLACED WITH NEW CONTROLLED STRUCTURAL FILL. THE REPORT ALSO INDICATES THAT HIGHLY PLASTIC SOILS (CH) WERE ENCOUNTERED IN SEVERAL BORING LOCATIONS. EXISTING HIGHLY PLASTIC SOILS ARE UNSUITABLE FOR DIRECT FOUNDATION SUPPORT AND MUST BE REMOVED AND REPLACED WITH CONTROLLED FILL WHERE ENCOUNTERED. ALTHOUGH AUGER REFUSAL WAS GENERALLY NOT ENCOUNTERED NEAR ANTICIPATED FOOTING SUBGRADE LEVELS, IT MAY BE POSSIBLE THAT SHALLOW ROCK MAY EXIST AT OTHER AREAS. SHOULD ROCK BE ENCOUNTERED AT FOOTING SUBGRADE LEVELS, THE ROCK SHOULD BE REMOVED TO CREATE A LEVEL BEARING SURFACE AND REPLACED WITH COMPACTED CR-6 WASHED STONE TO A DEPTH OF 8" MINIMUM BELOW FOOTING SUBGRADE.

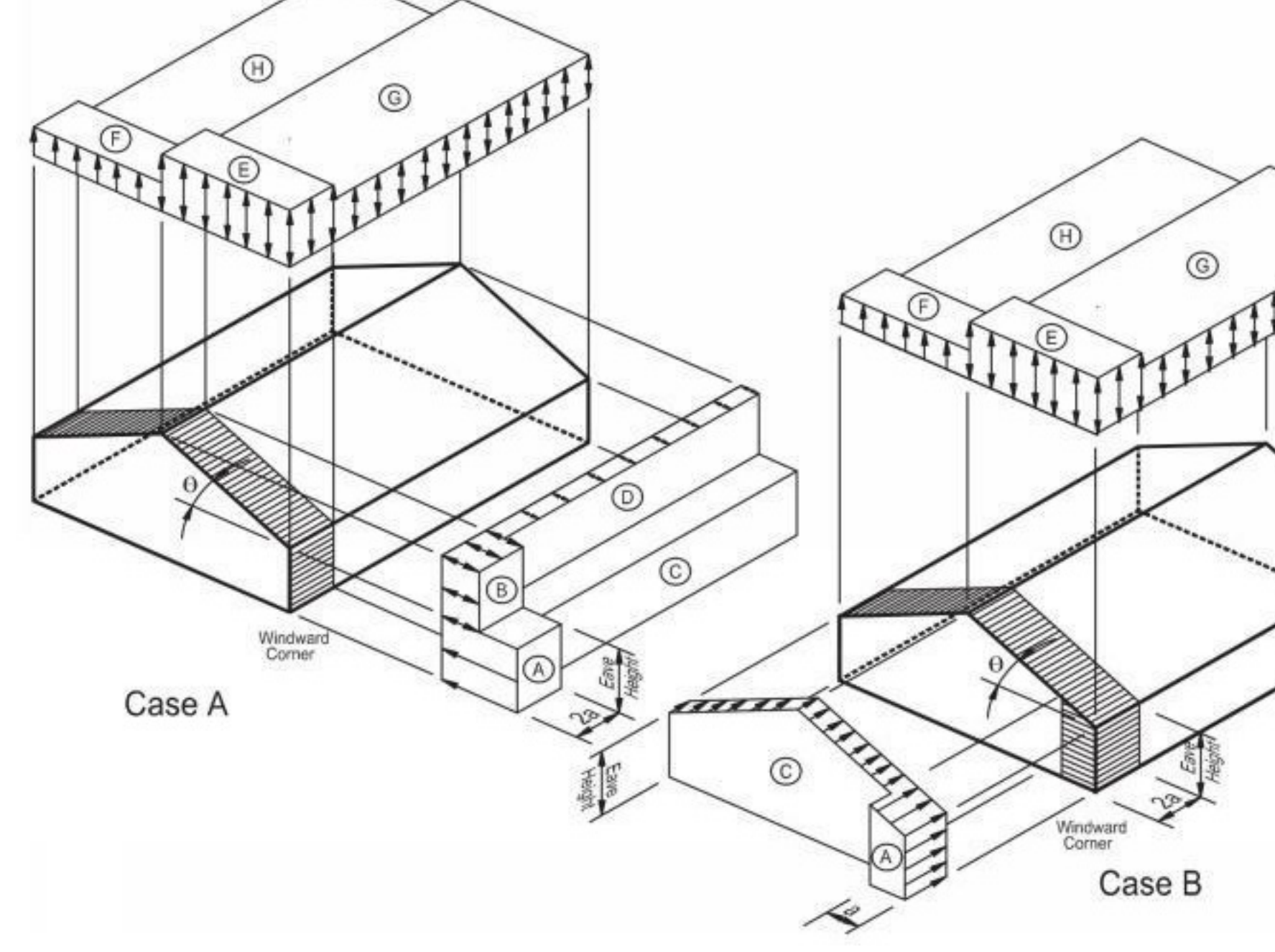
SLAB ON GRADE:
 THE REPORT INDICATES THAT ON-SITE NATURAL SOILS MAY BE SUITABLE TO SUPPORT SLAB-ON-GRADE ALTHOUGH MOISTURE CONTROL DURING EARTHWORK OPERATIONS IS EXPECTED. AREAS OF SOFT OR YIELDING SOILS SHOULD BE REMOVED AND REPLACED WITH CONTROLLED FILL. SLAB ON GRADE SHOULD BE SUPPORTED ON A MINIMUM OF 2'-0" NON-EXPANSIVE SOILS. IF HIGHLY PLASTIC SOILS ARE ENCOUNTERED AT SLAB SUBGRADES, THEY SHOULD BE UNDERCUT IN THEIR ENTIRETY OR TO A MINIMUM OF 2'-0" BELOW SUBGRADE ELEVATION AND REPLACED WITH APPROVED STRUCTURAL FILL. ANY EXISTING UNDOCUMENTED FILL THAT IS ENCOUNTERED AT SLAB ON GRADE SUBGRADE LEVELS MUST BE THOROUGHLY EVALUATED BY THE GEOTECHNICAL ENGINEERING INSPECTION AGENCY PRIOR TO ACCEPTANCE. ALL CONCRETE SLAB ON GRADE TO BE PLACED ABOVE A MOISTURE BARRIER AND DRAINAGE LAYER OF WASHED GRAVEL (GP, GW).

RETAINING WALLS:
 ALL SOILS USED AS BACKFILL WITHIN THE CRITICAL ZONE BEHIND WALLS RETAINING EARTH SHOULD HAVE USCS CLASSIFICATIONS OF SM OR MORE GRANULAR WITH A MAXIMUM 25% FINES AND MINIMUM ANGLE OF INTERNAL FRICTION OF 30° WHEN COMPACTED TO 98% OF ITS MAXIMUM DRY DENSITY PER ASTM A898. ON SITE MATERIALS SHALL NOT BE USED.

CAST IN PLACE CONCRETE AND REINFORCING
 ALL CONCRETE SHALL CONFORM TO ACI 301. ACI 318, ACI 315, ALL CONCRETE SHALL BE NORMAL WEIGHT CONCRETE AND HAVE THE FOLLOWING 28 DAY COMPRESSIVE STRENGTH (f'c):
 SLAB ON GRADE: 4,000psi
 SLAB ON METAL FORM: 4,000psi
 EXTERIOR EXPOSED CONCRETE: SUBJECT TO DE-ICERS: 4,500psi
 GROUT FOR MASONRY FILL: 3,000psi PEA GRAVEL CONCRETE OR GROUT PER ASTM C476
 ALL OTHER CONCRETE: 3,000psi
 CEMENTITIOUS MATERIAL SHALL BE MINIMUM 75% PORTLAND CEMENT ASTM C150, TYPE I OR TYPE II.
 REINFORCING - ASTM A 615, GRADE 60
 WELDED WIRE FABRIC - ASTM A 185
 SYNTHETIC MICROFIBERS SHALL BE USED IN 8" SLAB AND SHALL BE DISPENSED UNIFORMLY AT A RATE OF 1.5 LBS/CU. YD. USE CORROSIVE INHIBITING AND WATERPROOFING ADMIXTURES IN 6" SLABS. USE ADMIXTURE PER MANUFACTURER'S RECOMMENDATIONS.
 BASIS OF DESIGN: SP-8 VAPOR LOCK 4040
 SPLICE LAPS FOR ALL REINFORCING SHALL BE CLASS "B" SPLICE
 ALL CONCRETE OTHER THAN FOOTINGS SHALL CONTAIN A WATER-REDUCING ADMIXTURE PER MANUFACTURER'S RECOMMENDATIONS.
 ALL EXTERIOR CONCRETE SHALL BE AIR-ENTRAINED 4-6%
 MAXIMUM SLUMP TO BE 4".

MASONRY
 MASONRY WORK SHALL COMPLY WITH ACI 301.1/ASCE 8 "SPECIFICATIONS FOR MASONRY STRUCTURES." CONCRETE MASONRY UNITS SHALL CONFORM TO ASTM C 90.
 CONCRETE MASONRY UNITS SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 1,900 PSI AND A MINIMUM PRISM STRENGTH (F_m) OF 1,500 PSI.
 BRICK UNITS SHALL COMPLY WITH ASTM C216.
 MORTAR SHALL CONFORM TO ASTM C 270, TYPE S FOR ALL CMU WALLS AND TYPE N FOR VENEERS.
 ALL MASONRY WALLS SHALL BE CONTINUALLY REINFORCED WITH LADDER TYPE HORIZONTAL JOINT REINFORCEMENT AT 16" CENTER TO CENTER VERTICALLY MINIMUM AND ALL INTERSECTIONS OF WALLS AND CORNERS SHALL BE PROVIDED WITH PREFABRICATED T AND CORNER PIECES.
 VERTICAL MASONRY REINFORCEMENT SHALL BE AS NOTED ON SCHEDULE AND SECTIONS.
 REINFORCED WALLS SHALL HAVE CELLS FILLED SOLID WITH GROUT IN FOUR COURSE MAXIMUM LIFTS. PROVIDE HOLES IN BOTTOM OF EACH LIFT TO ENSURE WALL IS FILLED SOLID. SPLICE LAPS FOR VERTICAL WALL REINFORCING SHALL BE 48 BAR DIAMETERS, UNLESS OTHERWISE NOTED.
 PROVIDE CONTROL JOINTS IN ALL ABOVE GRADE MASONRY WALLS AT 30' ON CENTER, MAXIMUM, UNLESS OTHERWISE NOTED.
 BRACE ALL WALLS AS REQUIRED UNTIL CONSTRUCTION IS STABLE.

LINTELS
 ALL OPENINGS IN MASONRY WALLS AND PARTITIONS ARE TO BE PROVIDED WITH LINTELS. LINTELS SHALL BE STRUCTURAL STEEL OR PRECAST CONCRETE AS INDICATED IN THE LINTEL SCHEDULE. ALL LINTELS SHALL HAVE 8" MINIMUM BEARING AND SHALL BE SET IN A FULL BED OF MORTAR. SHORE LINTELS AS REQUIRED TO PREVENT ROTATION DURING CONSTRUCTION. NOTE THAT ALL WALL OPENINGS MAY NOT BE SHOWN ON THE STRUCTURAL DRAWINGS. CONTRACTOR SHALL COORDINATE SIZE, TYPE AND LOCATION OF ALL LINTELS REQUIRED WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.



MAIN WINDFORCE RESISTING SYSTEM

SF	HORIZONTAL (DESIGN PRESSURES IN psf)			VERTICAL (DESIGN PRESSURES IN psf)			OVERHANG (DESIGN PRESSURES IN psf)		
	A	B	C	D	E	F	G	H	I
20'	13.6	-23	13.6	-36	13.6	-57.1	11.9	-51.8	23.2
50'	11.9	-22.2	11.9	-33.8	11.9	-51.8	11.9	-47.9	22
100'	10.5	-21.5	10.5	-30.3	10.5	-47.9	11.9	-44.2	20.2
500'	10.5	-21.5	10.5	-30.3	10.5	-47.9	11.9	-44.2	20.2

1. a = 10'-0"
 2. 2a = 20'-0"
 3. FOR ALLOWABLE STRESS DESIGN (ASD) MULTIPLY TABULATED VALUES BY 0.6.

STRUCTURAL STEEL

FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO AISC SPECIFICATIONS AND AWS D1.1 ALL STRUCTURAL STEEL SHALL CONFORM TO THE FOLLOWING:
 W SHAPES: ASTM A992, GRADE 50.
 MISC. SHAPES: ASTM A36
 TUBE STEEL: ASTM A500, GRADE B.
 PIPES: ASTM A53, GRADE B.
 WELDING ELECTRODES: E70XX
 HIGH STRENGTH BOLTS: ASTM A 325
 ANCHOR BOLTS: ASTM F1554 GRADE 36

METAL DECK
 FABRICATION AND ERECTION OF STEEL DECK SHALL CONFORM TO STEEL DECK INSTITUTE SPECIFICATIONS.
 STEEL DECK - ASTM A 653 (S50), GRADE 50
 GALVANIZING - ASTM A 924, G 90 GALVANIZED COATING.
 PLACE DECK IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 FASTEN DECK TO ALL SUPPORTS PER DETAIL M/302.
 FASTEN SIDE LAPS WITH #10 SCREWS AT 12" MAX.
 NO LOADS SHALL BE SUSPENDED FROM METAL DECK.
 PROVIDE SUPPORT FRAME AT ALL OPENINGS GREATER THAN 8" IN EITHER DIRECTION.

COLD-FORMED METAL FRAMING
 THE DESIGN, FABRICATION, AND INSTALLATION OF ALL LIGHTGAUGE FRAMING AND THEIR CONNECTIONS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE LIGHTGAUGE FRAMING COMPONENTS SHALL BE IN ACCORDANCE WITH ASTM 653. MINIMUM STUD SIZES AND GAUGES ARE INDICATED ON THE DRAWINGS. ALL LIGHTGAUGE MATERIALS SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A924 WITH A MIN. G60 COATING. THE MINIMUM YIELD STRENGTH OF THE LIGHTGAUGE METAL STUD FRAMING COMPONENTS SHALL BE AS FOLLOWS:
 18 GAUGE AND HEAVIER - ASTM A663 SQ. GRADE 50
 16 GAUGE AND LIGHTER - ASTM A663 SQ. GRADE 33

ALL CONNECTIONS SHALL BE WELDED, SCREWED, OR POWER FASTENED AS INDICATED ON THESE DRAWINGS. DO NOT CUT OR SPLICE LIGHTGAUGE FRAMING MEMBERS. DO NOT BEAR OR CONNECT LIGHTGAUGE MEMBERS WITHIN TWELVE INCHES OF THE PUNCHED OPENING IN THE MEMBER WEBS, UNLESS THE MEMBERS ARE REINFORCED WITH A MINIMUM 18" LONG UNPUNCHED TRACK OR STUD AT THE PUNCH OPENING. THE TRACK OR STUD REINFORCING PIECE SHALL BE THE SAME SIZE AND GAUGE AS THE PUNCHED MEMBER. FASTEN THE REINFORCING PIECE TO THE MEMBER WITH A MINIMUM OF FOUR SCREWS. THE CONTRACTOR SHALL PROVIDE LIGHTGAUGE MEMBERS AT THE SIZE AND SPACING INDICATED ON THESE DRAWINGS. LARGER SIZES AND/OR CLOSER SPACING MAY BE SUBSTITUTED PROVIDED THE SUBSTITUTIONS ARE COORDINATED WITH THE ARCHITECTURAL DRAWINGS.

STEEL GRATING
 STEEL GRATING TO BE M/MCHOLS BANNED 1 1/2" GALVANIZED STEEL GRATING WITH 1 1/4"x3/16" BEARING BARS @ 1 3/16" o.c. AND CROSS RODS @ 4" o.c. CONNECT TO STEEL BEAMS BY WELDING AT 120° o.c. OR APPROXIMATELY EVERY 10TH BEARING BAR.

STEEL STAIRS AND RAILING SYSTEMS
 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN, FABRICATION, AND ERECTION OF THE STEEL STAIRS AND RAILING SYSTEMS. STAIR AND RAILING FRAMING SHALL BE DESIGNED FOR APPLICABLE CODE REQUIREMENTS.

SHOP DRAWINGS/SUBMITTALS
 ORIGINAL SHOP DRAWINGS/SUBMITTALS SHALL BE SUBMITTED FOR ARCHITECT/ENGINEER'S REVIEW FOR THE FOLLOWING:
 CONCRETE MIX DESIGN
 CONCRETE AND MASONRY REINFORCING STEEL SHOP DRAWINGS
 STRUCTURAL STEEL, STEEL JOIST, AND METAL DECK SHOP DRAWINGS
 STEEL GRATING SHOP DRAWINGS
 SHOP DRAWINGS & CALCULATIONS SIGNED & SEALED BY PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF PENNSYLVANIA FOR THE FOLLOWING:
 COLD-FORMED METAL FRAMING
 STEEL STAIRS AND RAILINGS

IF A CONTRACTOR OR OWNER FAILS TO SUBMIT THE SHOP DRAWINGS, THE FIRM, MINCIN PATEL MILANO, INC. WILL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S INTERPRETATION OF THE INTENT OF THE STRUCTURAL DRAWINGS. AT THE TIME OF THE SHOP DRAWING SUBMISSION, THE GENERAL CONTRACTOR SHALL STATE IN WRITING ANY DEVIATION OR OMISSIONS FROM THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR SHALL REVIEW ALL SHOP DRAWINGS PRIOR TO SUBMISSION TO THE A/E AND SHALL MAKE ALL CORRECTIONS AS THE DEEMS NECESSARY.

INSPECTION
 AN INDEPENDENT INSPECTION AGENCY, PAID FOR BY THE CONTRACTOR AND APPROVED BY THE ARCHITECT/ENGINEER, SHALL INSPECT/MONITOR/TEST THE FOLLOWING ITEMS:
 EARTHWORK INCLUDING PLACEMENT OF COMPACTED FILL AND VERIFICATION OF SOIL BEARING CAPACITY
 CAST IN PLACE CONCRETE AND REINFORCING STEEL
 STRUCTURAL STEEL, STEEL JOISTS, AND METAL DECK
 COLD-FORMED METAL FRAMING
 STEEL STAIR AND RAILINGS
 STEEL GRATING
 COPIES OF THE INSPECTORS FINAL REPORTS CERTIFYING THAT THE ITEMS INSPECTED HAVE BEEN INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL BE SUBMITTED TO THE ARCHITECT/ENGINEER.

LIVE LOADS
 THIS BUILDING HAS BEEN DESIGNED FOR THE FOLLOWING LIVE LOAD CRITERIA FROM THE 2015 INTERNATIONAL BUILDING CODE (IBC 2015):

ROOF DESIGN LIVE LOAD:	35psf
SNOW LOAD:	
GROUND SNOW (Pg)	35psf
FLAT ROOF SNOW LOAD (P _f)	30psf
SNOW EXPOSURE FACTOR (Ce)	1.0
SNOW IMPORTANCE FACTOR (I _s)	1.0
SNOW THERMAL FACTOR (C _t)	1.2
FLOOR DESIGN LIVE LOAD:	
MEZZANINE	125psf
APPARATUS BAY	250psf
OTHERS	100
WIND:	
BASIC WIND SPEED:	120mph
WIND EXPOSURE:	B
INTERNAL PRESSURE COEFFICIENT:	-0.18
HEIGHT & EXPOSURE ADJUSTMENT COEFFICIENT:	1.0
WIND DESIGN PRESSURES:	SEE TABLES

SEISMIC:

RISK CATEGORY:	IV
SEISMIC IMPORTANCE FACTOR (I _s):	1.5
SEISMIC SITE CLASS:	D
MAPPED SPECTRAL RESPONSE COEFFICIENTS:	
S _s = 0.207	
S _i = 0.054	
SITE COEFFICIENTS:	
F ₁ = 1.6	
F ₂ = 2.4	
DESIGN SPECTRAL RESPONSE COEFFICIENTS:	
S _{ds} = 0.220	
S _{u1} = 0.087	
SEISMIC DESIGN CATEGORY:	C
ANALYSIS PROCEDURE:	EQUIVALENT LATERAL FORCE PROCEDURE
BASIC FORCE RESISTING SYSTEM:	ORDINARY REINFORCED MASONRY SHEAR WALLS AND STRUCTURAL STEEL SYSTEM
RESPONSE MODIFICATION COEFFICIENT:	R = 2
SEISMIC RESPONSE COEFFICIENT:	C _s = 0.165
DESIGN BASE SHEAR:	ADMINISTRATION AREA V = 100° APPARATUS BAY V = 100°

	INTERIOR ZONES ROOFS - ZONE 1 / WALLS - ZONE 4		END ZONES ROOFS - ZONE 2 / WALLS - ZONE 5		CORNER ZONES ROOFS - ZONE 3
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COMPONENTS AND CLADDING

SF	ROOF (DESIGN PRESSURES IN psf)			WALLS (DESIGN PRESSURES IN psf)		
	1	2	3	4	5	6
20'	14.9	-23.7	14.9	-41.3	14.9	-61
50'	13.6	-23	13.6	-36	13.6	-57.1
100'	11.9	-22.2	11.9	-33.8	11.9	-51.8
500'	10.5	-21.5	10.5	-30.3	10.5	-47.9

1. a = 10'-0"
 2. FOR ALLOWABLE STRESS DESIGN (ASD) MULTIPLY TABULATED VALUES BY 0.6.

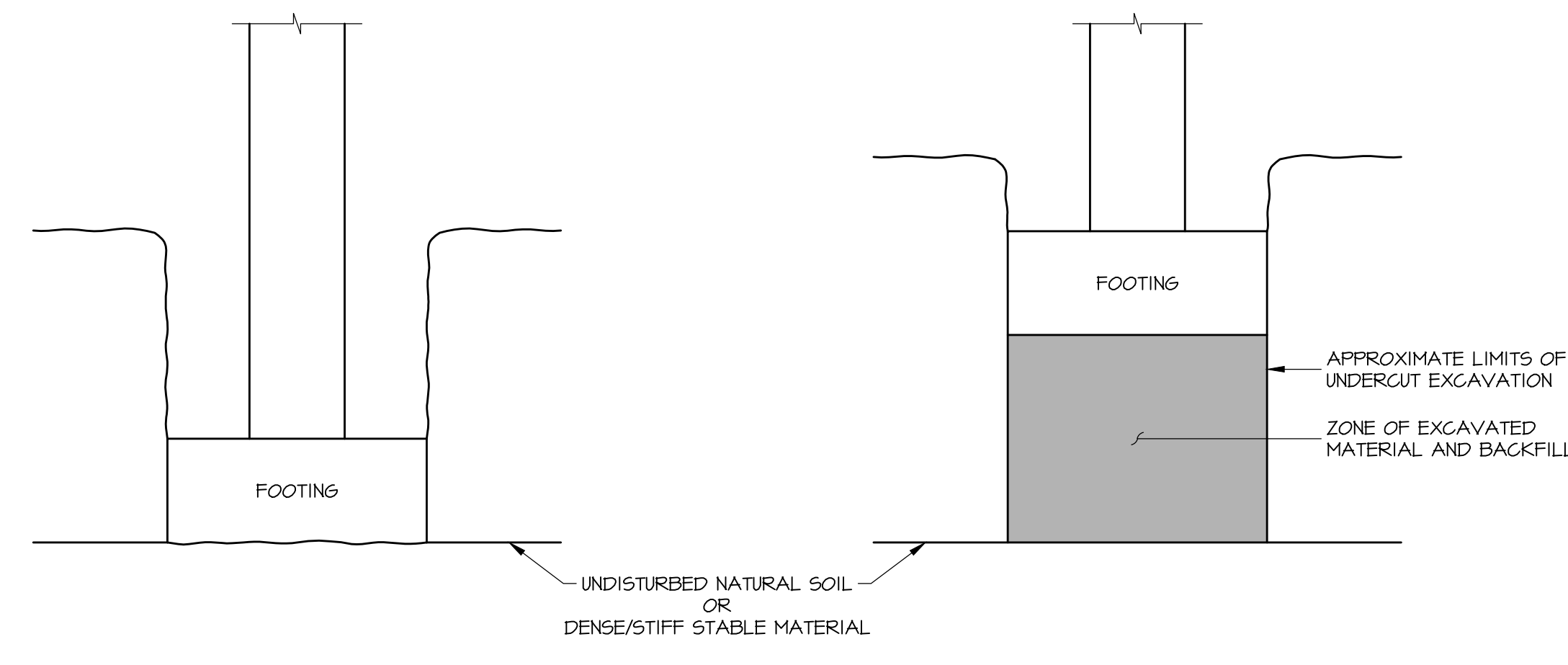
THIS CONFORMED SET IS COMPRISED OF THE ORIGINAL BID DOCUMENTS, BOTH THE DRAWINGS AND THE PROJECT MANUAL AND REVISIONS REFLECTING THE CHANGES TO THE CONTRACT DOCUMENTS MADE IN ADDENDA 1-4. THIS CONFORMED SET SHALL BE CONSIDERED SUPPLEMENTARY AND SUPPLEMENTAL TO THE CONTRACT DOCUMENTS (DRAWINGS & SPECIFICATIONS). ALL ALTERNATES AND CONTINGENCIES, THIS CONFORMED SET IS PROVIDED AS A CONVENIENCE FROM COMPLIANCE WITH THE FULL REQUIREMENTS OF THE CONTRACT DOCUMENTS.

CONSULTANT:
MPM
MANNWOOD PATEL MILAND, INC.
6511 Harford Road
Baltimore, Maryland 21284
Telephone: (410) 264-7500

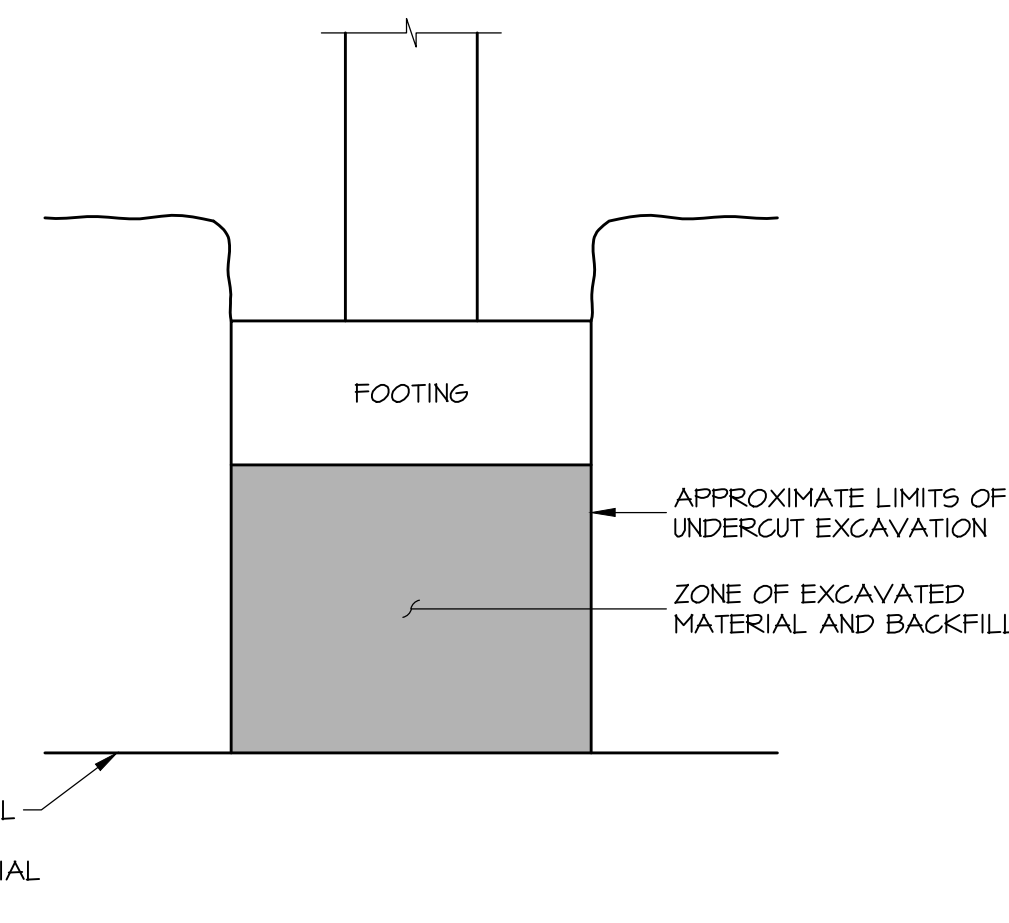
CUMRUM FIRE DEPARTMENT
PROPOSED WELSH ROAD STATION
1775 WELSH ROAD
MOHNTON, PA 19540

NO.	DESCRIPTION	DATE

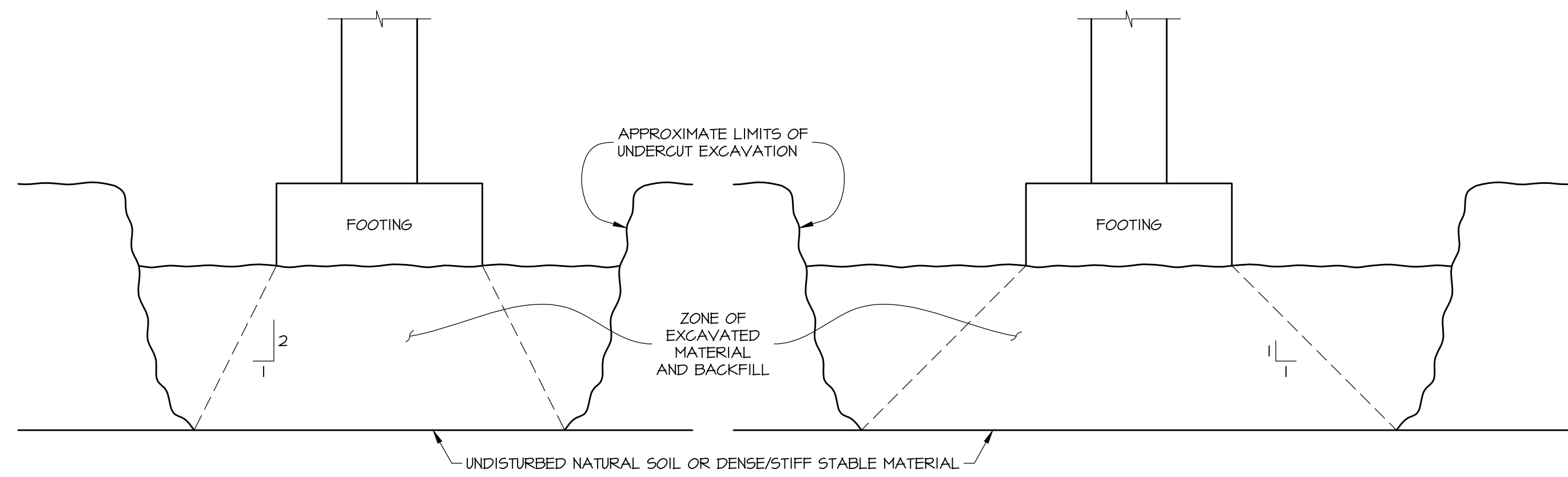
PROJECT 18-036
PROJECT BID SET
DATE 11/30/2023
DRAWING TYPICAL DETAILS
SHEET **S301**



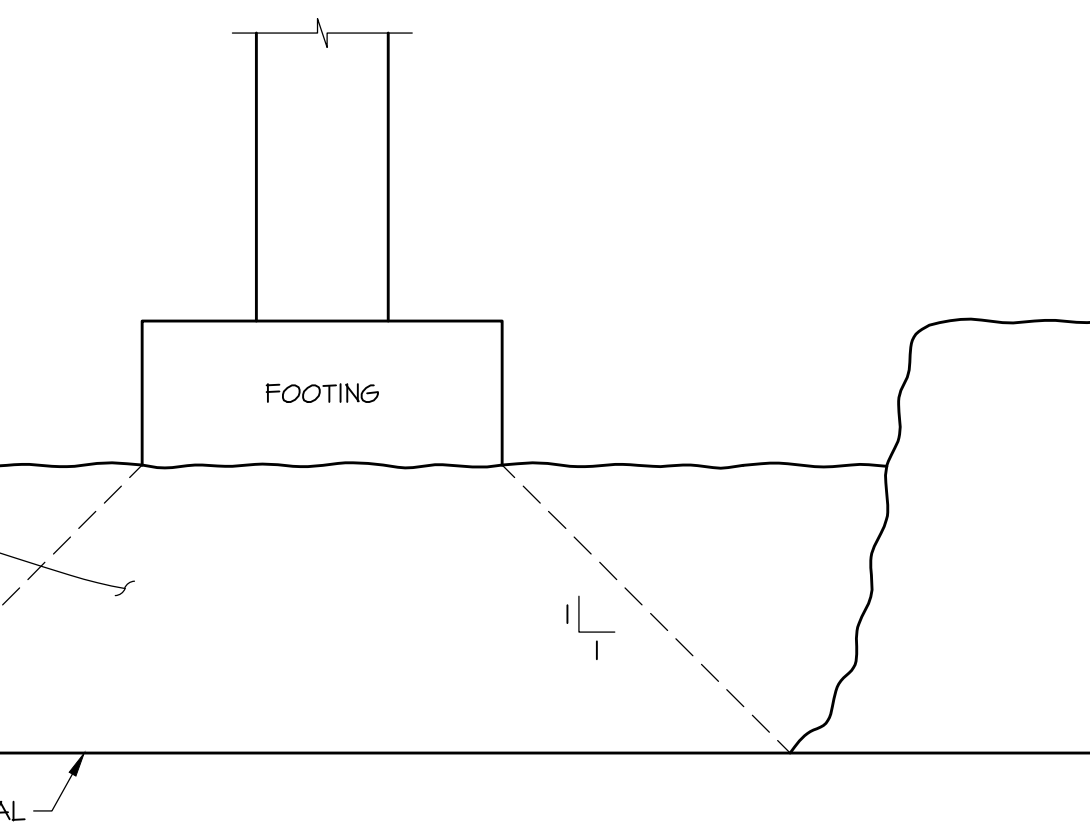
A. NO BACKFILL; FOOTING BEARING ON NEWLY EXPOSED STABLE MATERIAL



B. EXCAVATION BACKFILLED WITH LEAN CONCRETE OR FLOWABLE FILL

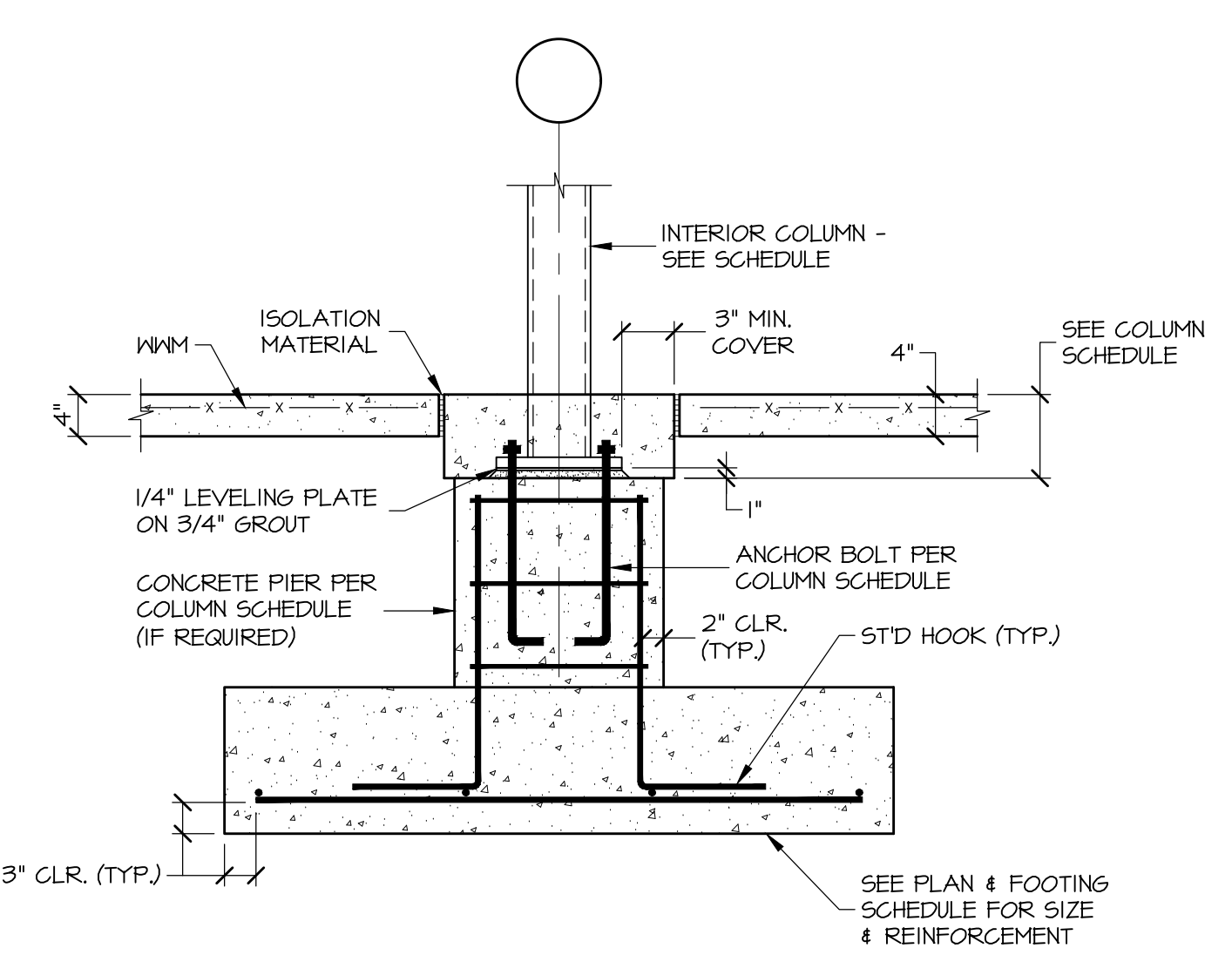


C. EXCAVATION BACKFILLED WITH GRANULAR MATERIAL (CR-6)

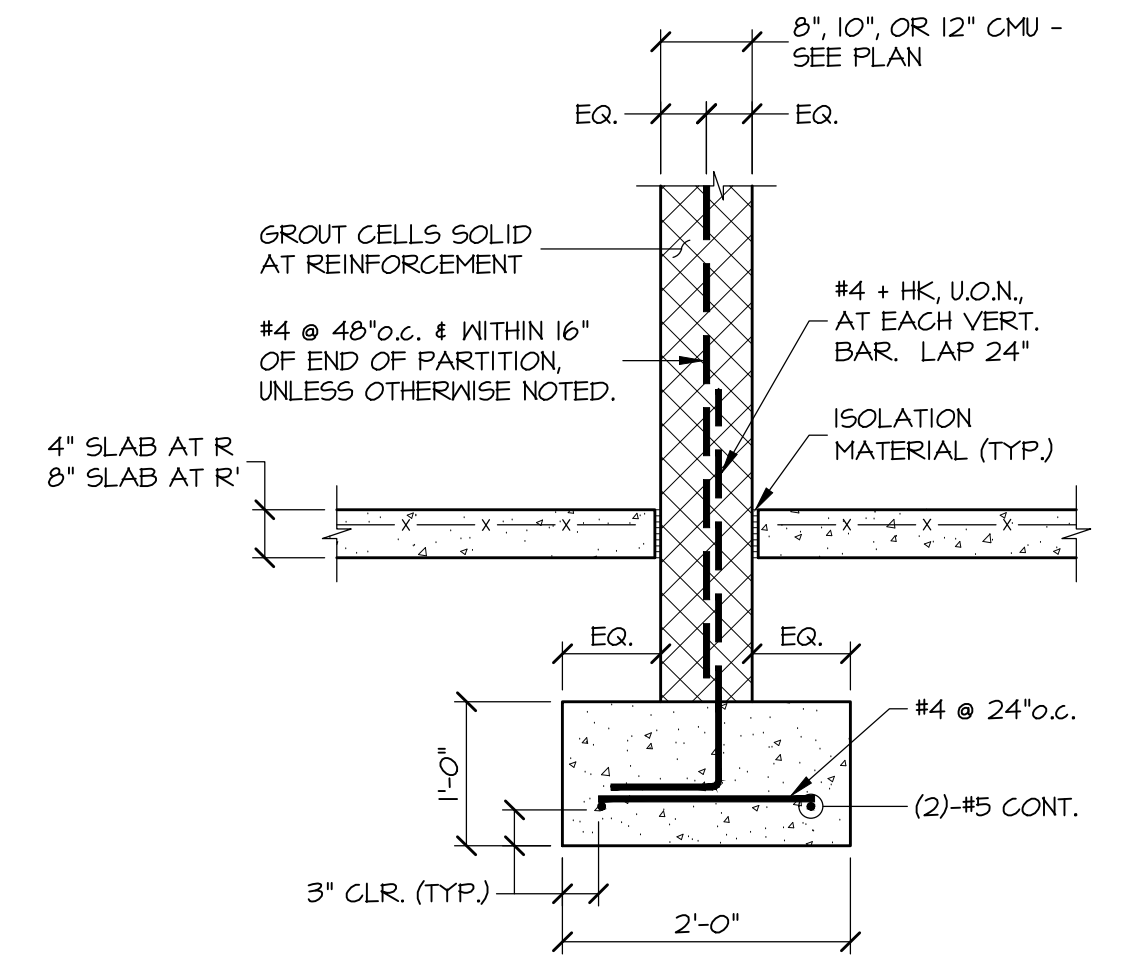


D. EXCAVATION BACKFILLED WITH ENGINEERED SOIL FILL

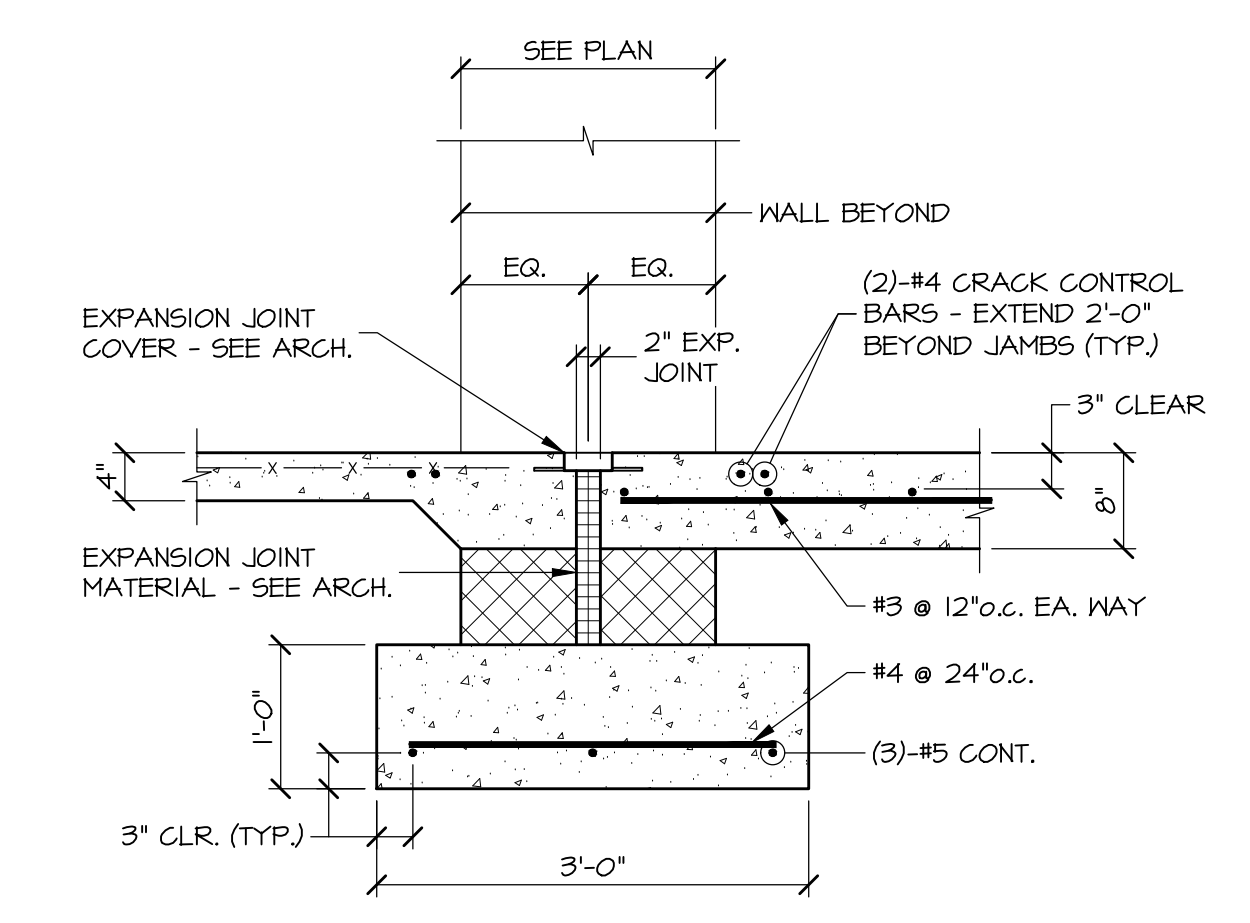
DETAIL L S301 3/4"=1'-0"
TYPICAL UNDERCUT FOOTING DIAGRAMS



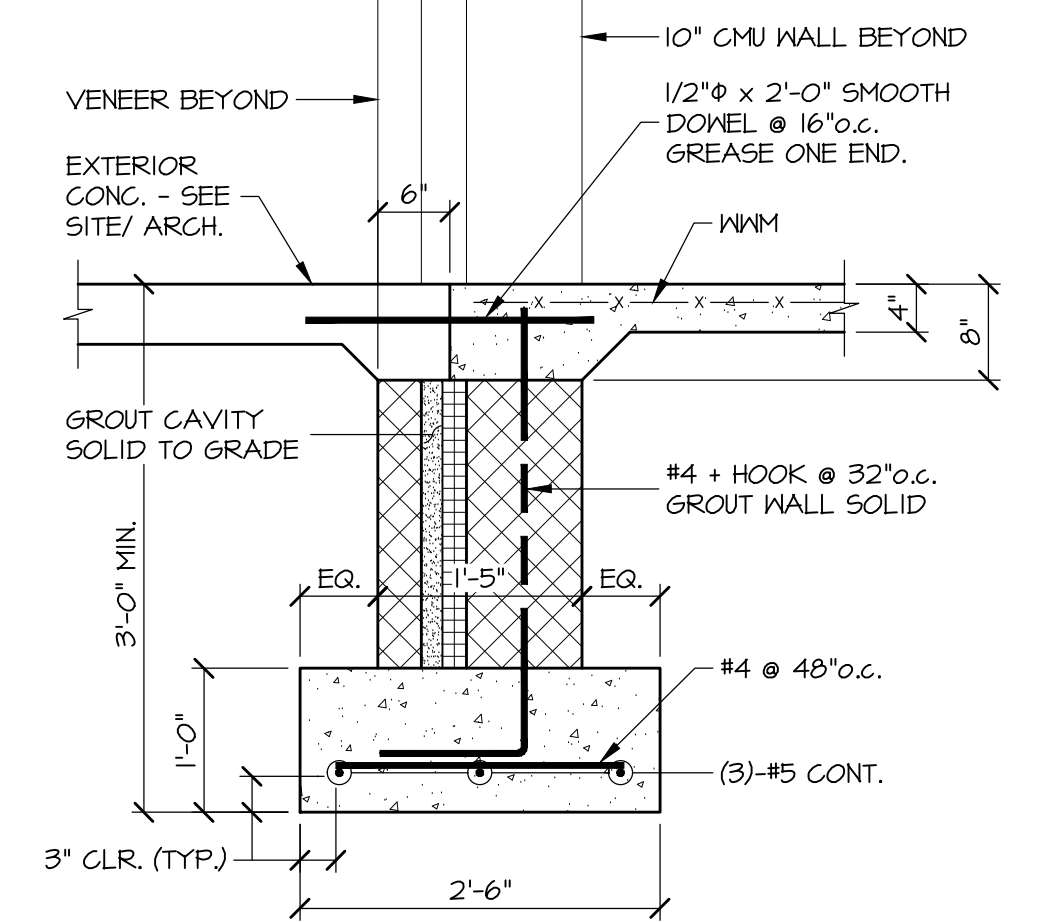
DETAIL G S301 3/4"=1'-0"
TYPICAL INTERIOR COLUMN BASE AND FOOTING AT INTERIOR COLUMN AT 4' SLAB



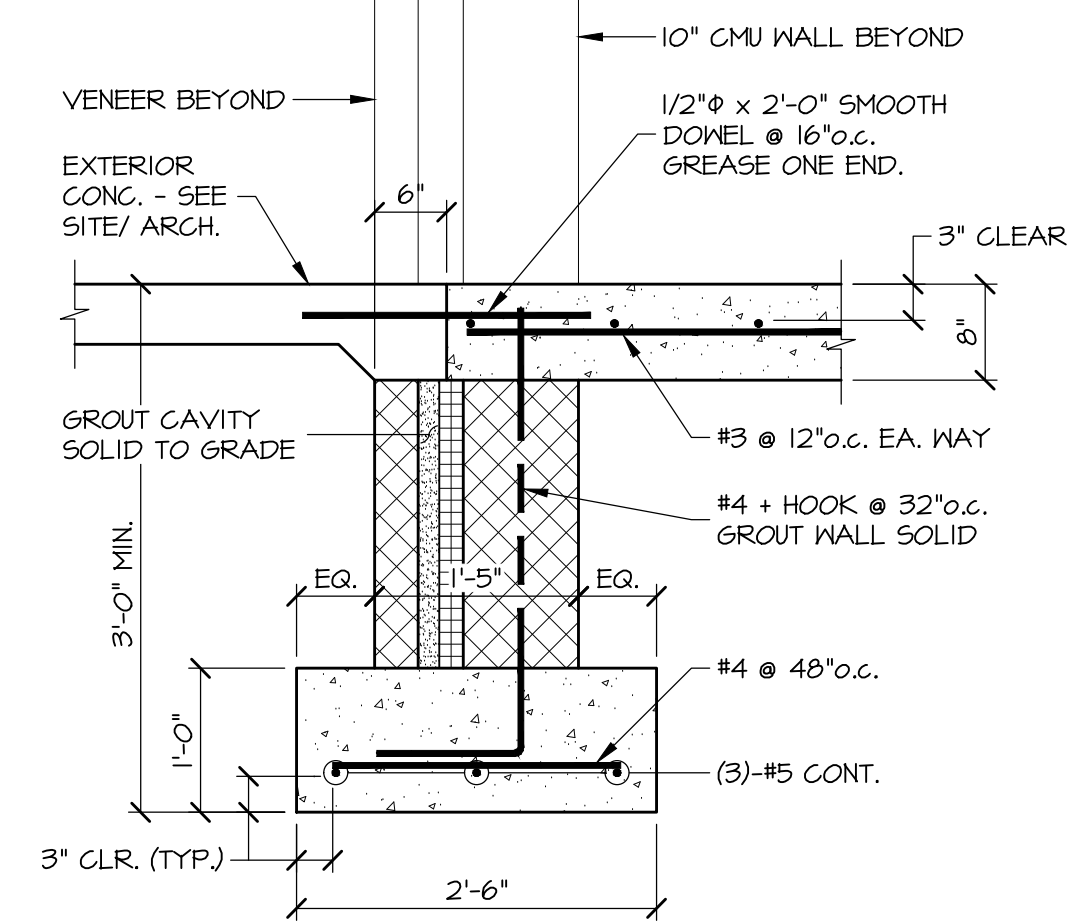
DETAIL R S301 3/4"=1'-0"
TYPICAL FOUNDATION AT INTERIOR 8', 10', OR 12' CMU WALLS



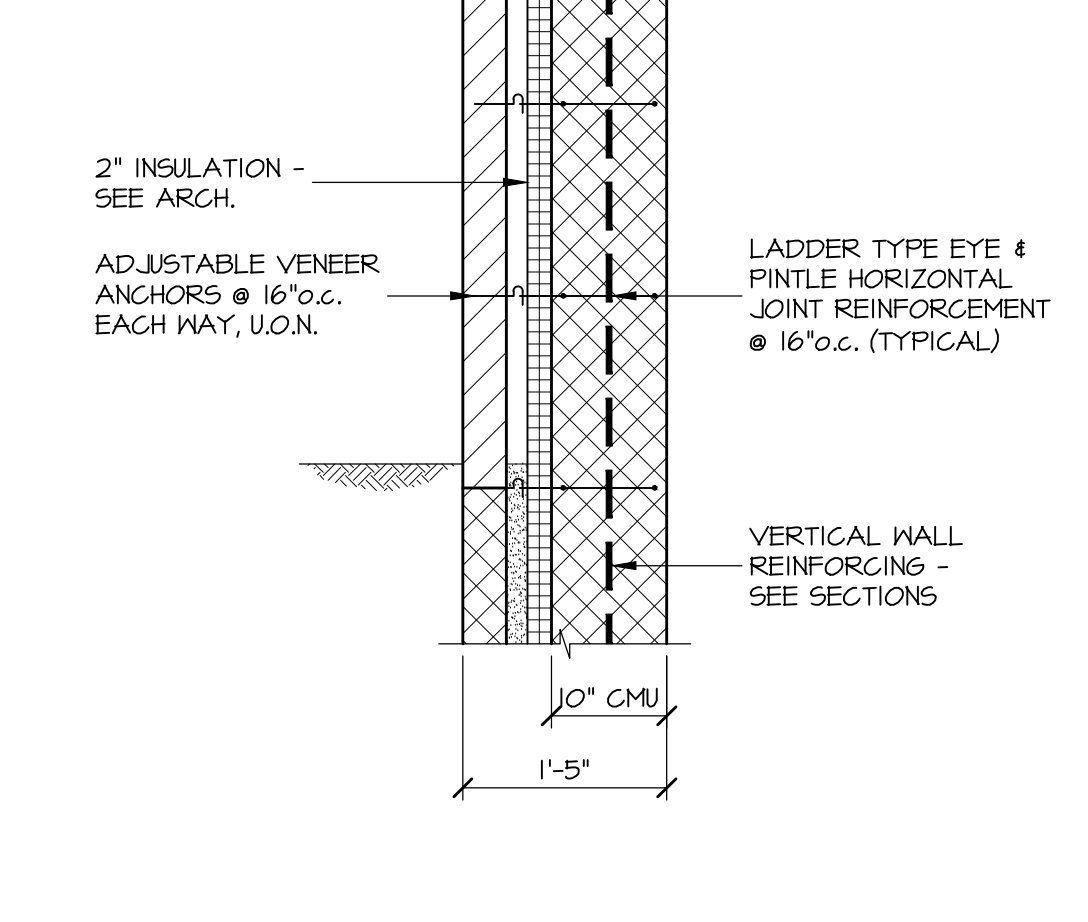
DETAIL S S301 3/4"=1'-0"
TYPICAL SLAB CONDITION AT INTERIOR DOORWAY



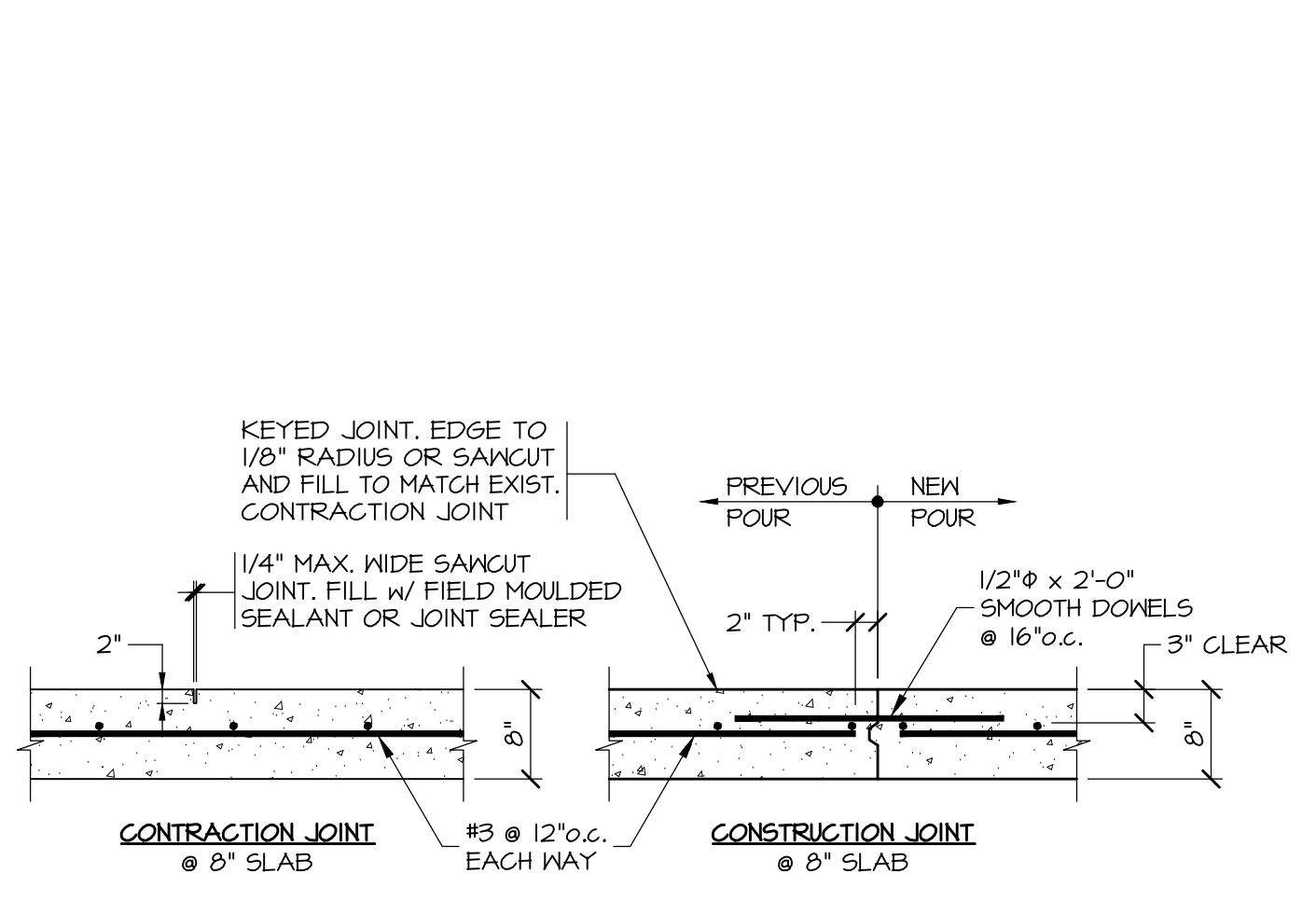
DETAIL M S301 3/4"=1'-0"
TYPICAL MAN DOOR OR CURTAIN WALL AT 1-5' MASONRY WALL W/ 4' SLAB



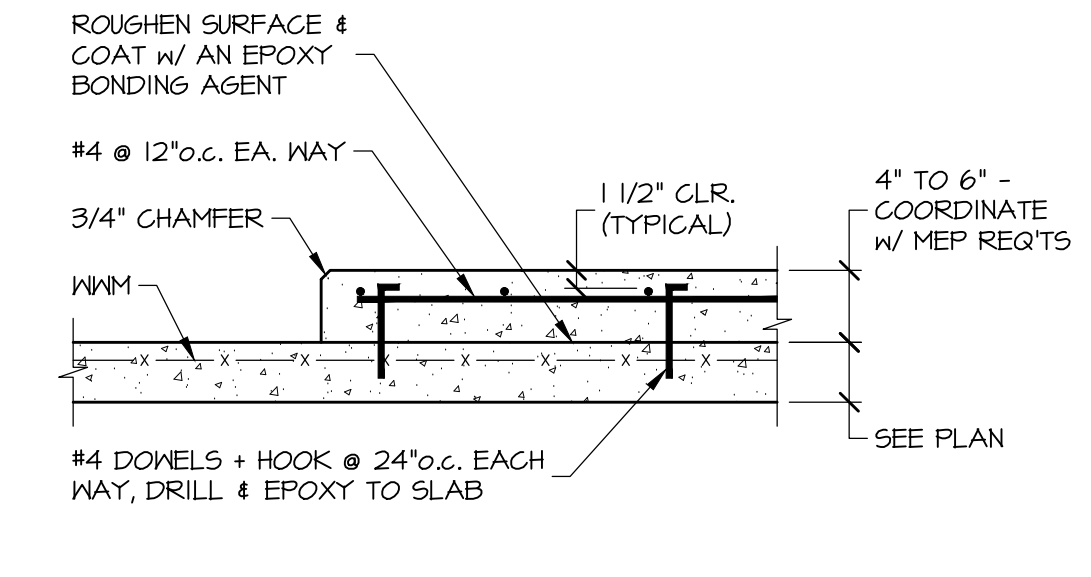
DETAIL N S301 3/4"=1'-0"
TYPICAL MAN DOOR OR CURTAIN WALL AT 1-5' MASONRY WALL W/ 8' SLAB



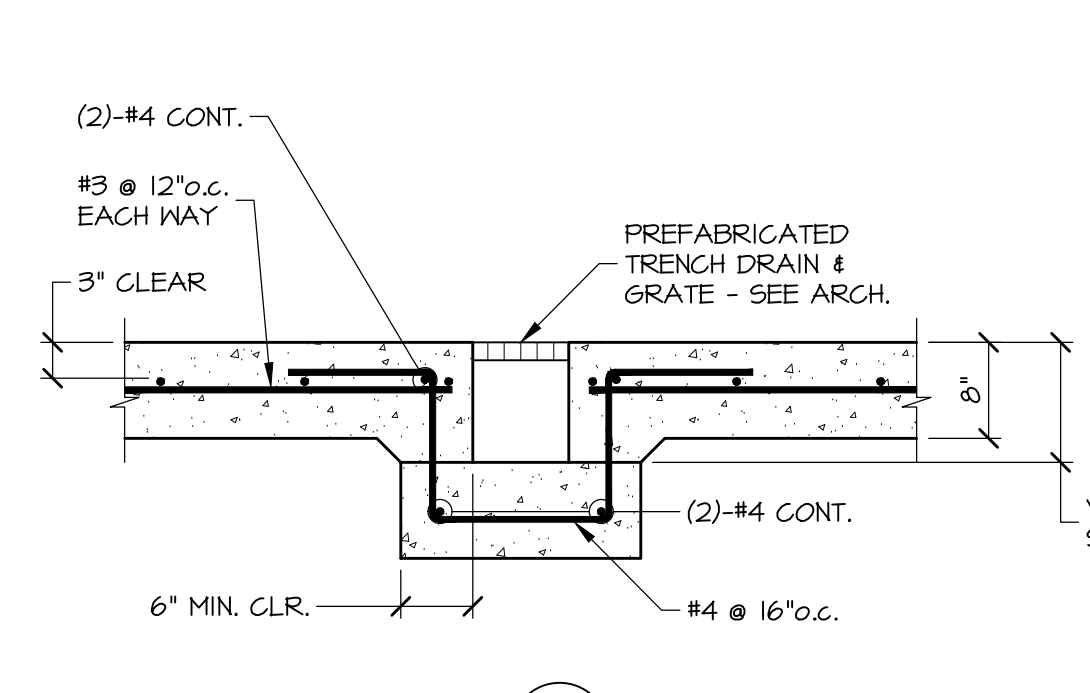
DETAIL P S301 3/4"=1'-0"
TYPICAL BRICK VENEER ANCHORS AT CMU WALLS



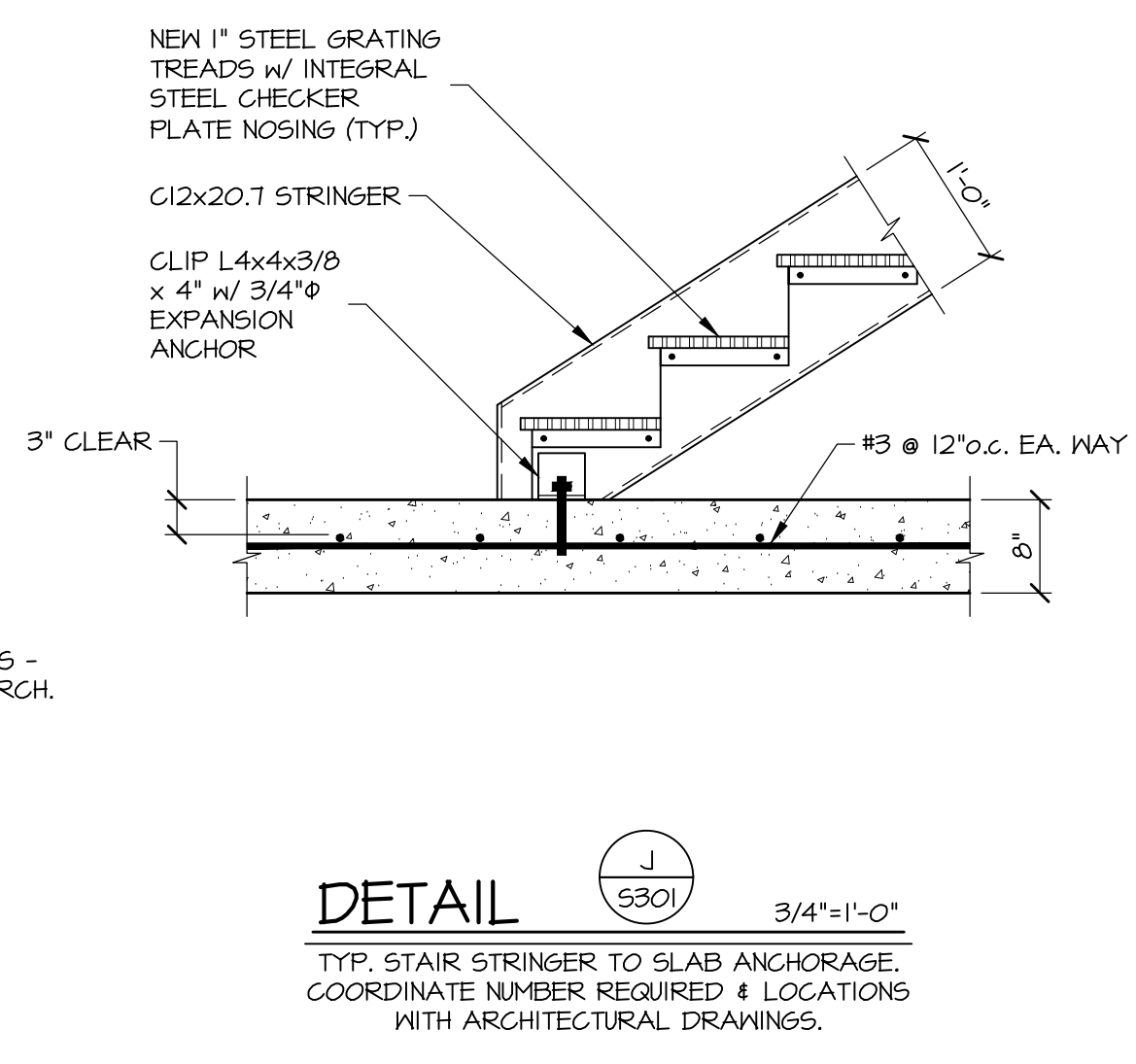
DETAIL F S301 3/4"=1'-0"
TYPICAL SLAB-ON-GRADE DEPRESSION, COORDINATE NUMBER REQUIRED, LOCATION, SIZE, AND DEPTH W/ ARCHITECTURAL DRAWINGS.



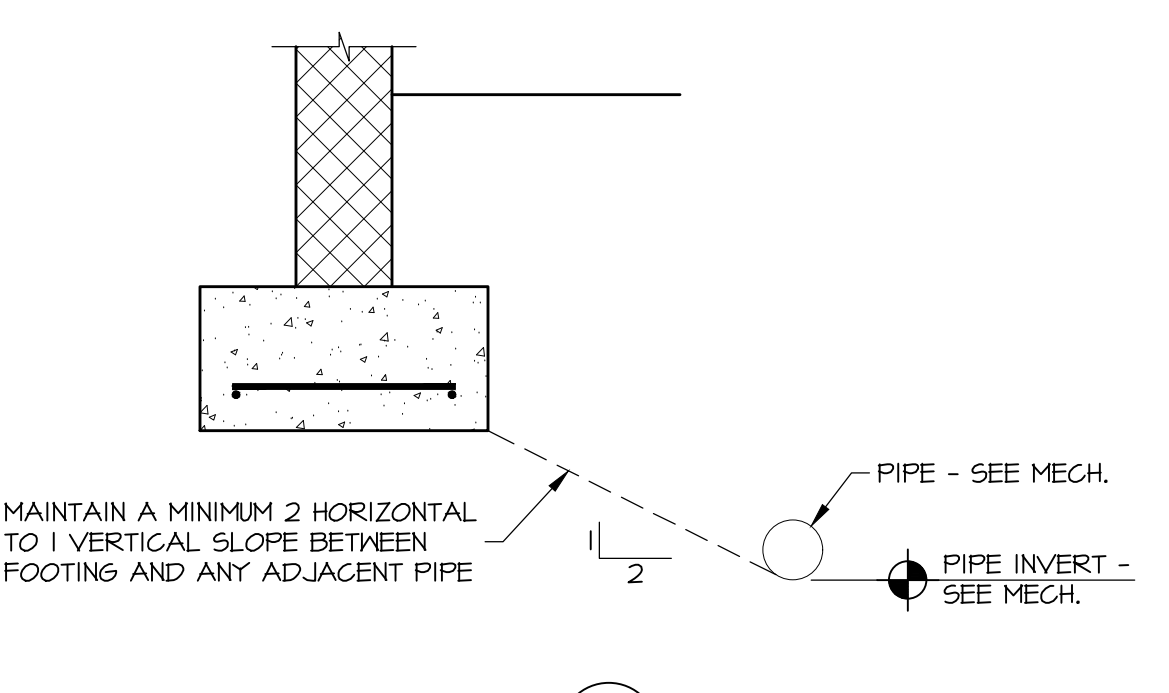
DETAIL G S301 3/4"=1'-0"
TYPICAL INTERIOR EQUIPMENT PAD - COORDINATE NUMBER REQUIRED, SIZE, AND LOCATION W/ MEP DRAWINGS



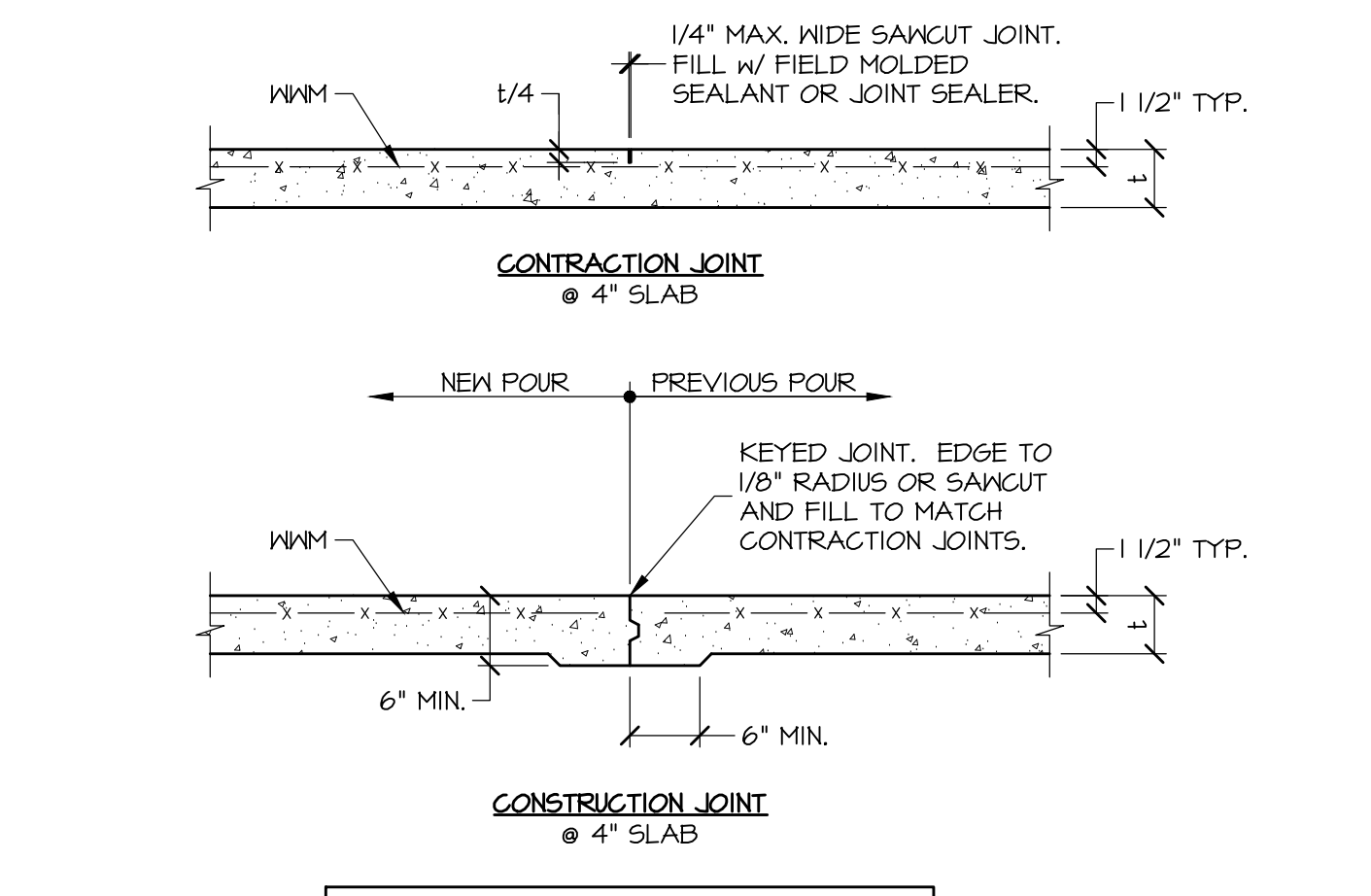
DETAIL H S301 3/4"=1'-0"
TYPICAL PRE-FABRICATED TRENCH DRAIN, COORDINATE W/ ARCHITECTURAL DRAWINGS.



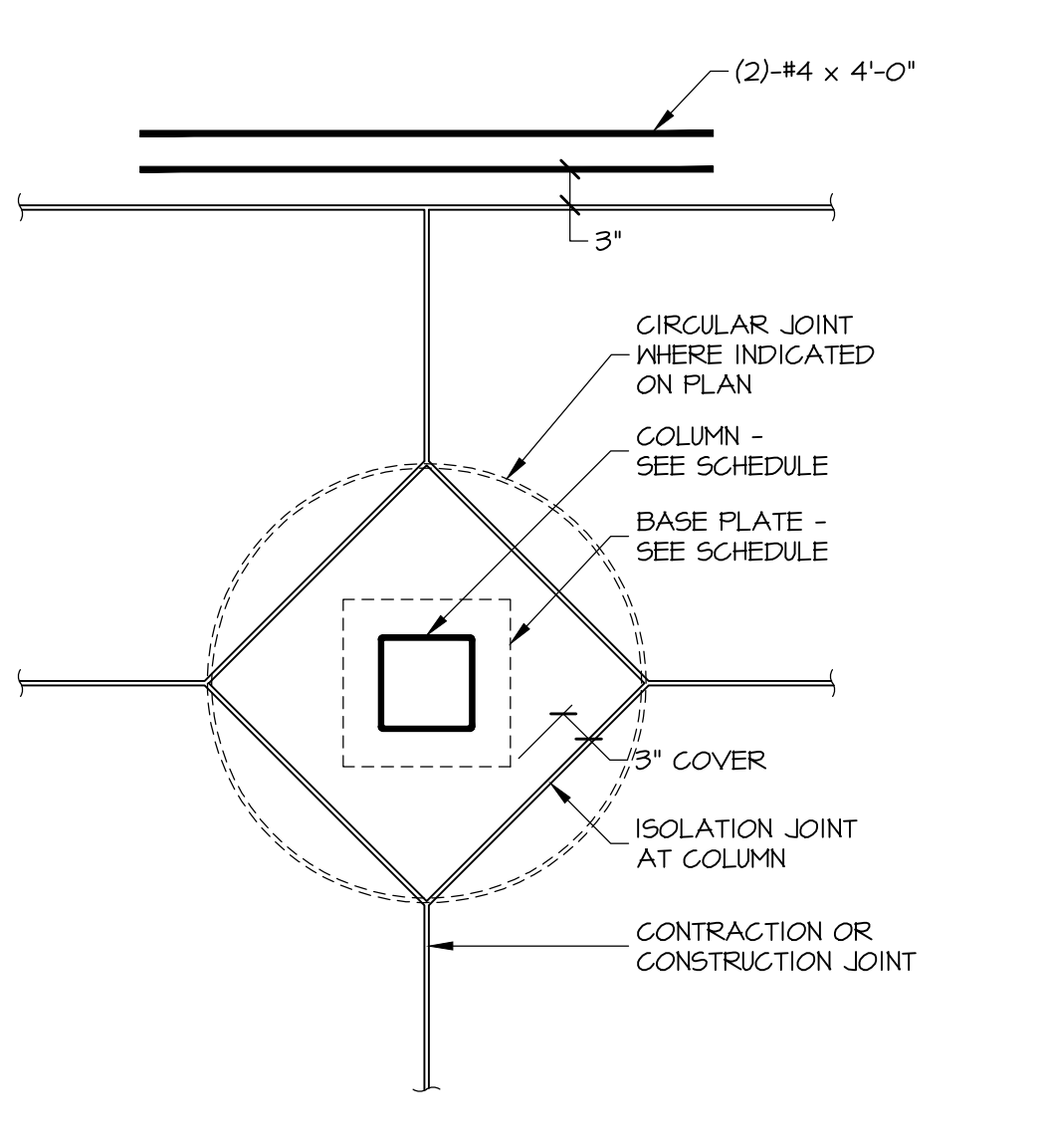
DETAIL J S301 3/4"=1'-0"
TYP. STAIR STRINGER TO SLAB ANCHORAGE, COORDINATE NUMBER REQUIRED & LOCATIONS WITH ARCHITECTURAL DRAWINGS.



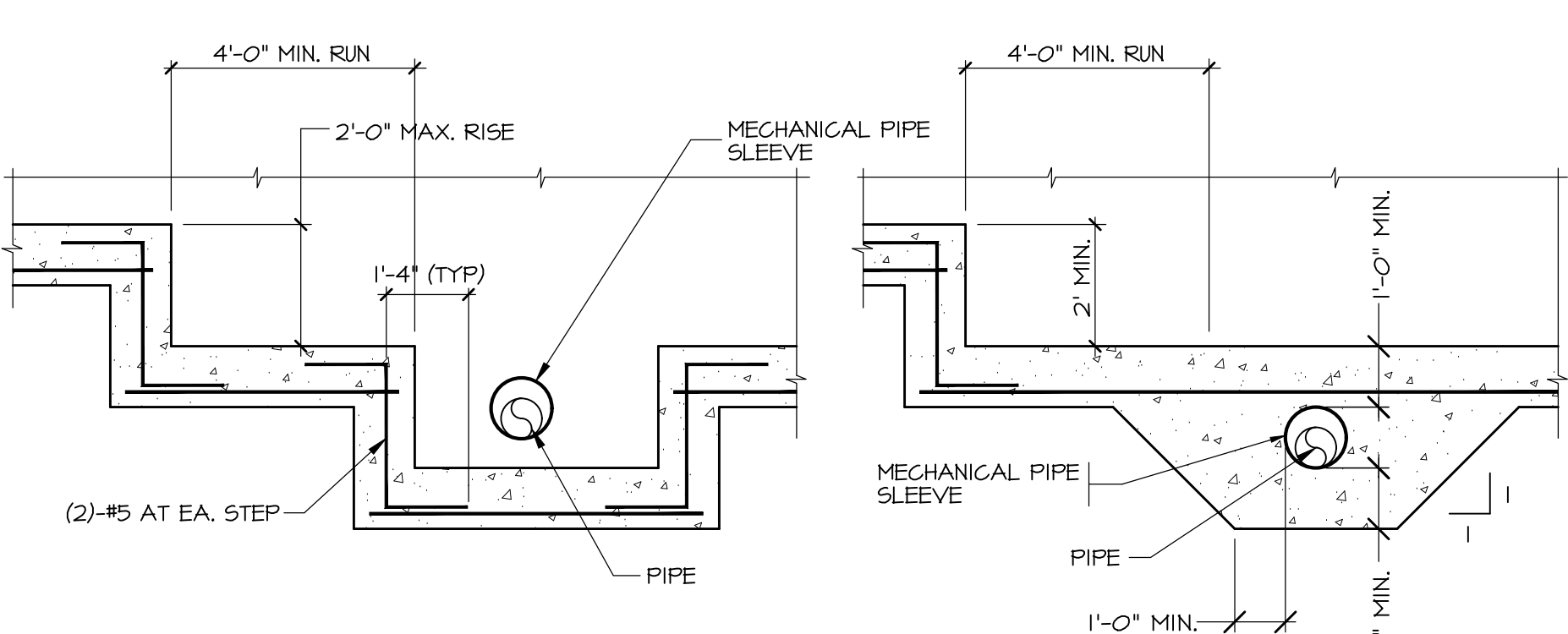
DETAIL K S301 3/4"=1'-0"
TYPICAL PIPE POSITION RELATIVE TO WALL OR COLUMN FOOTING, LOWER FOOTING AS REQUIRED TO MAINTAIN 2:1 SLOPE.



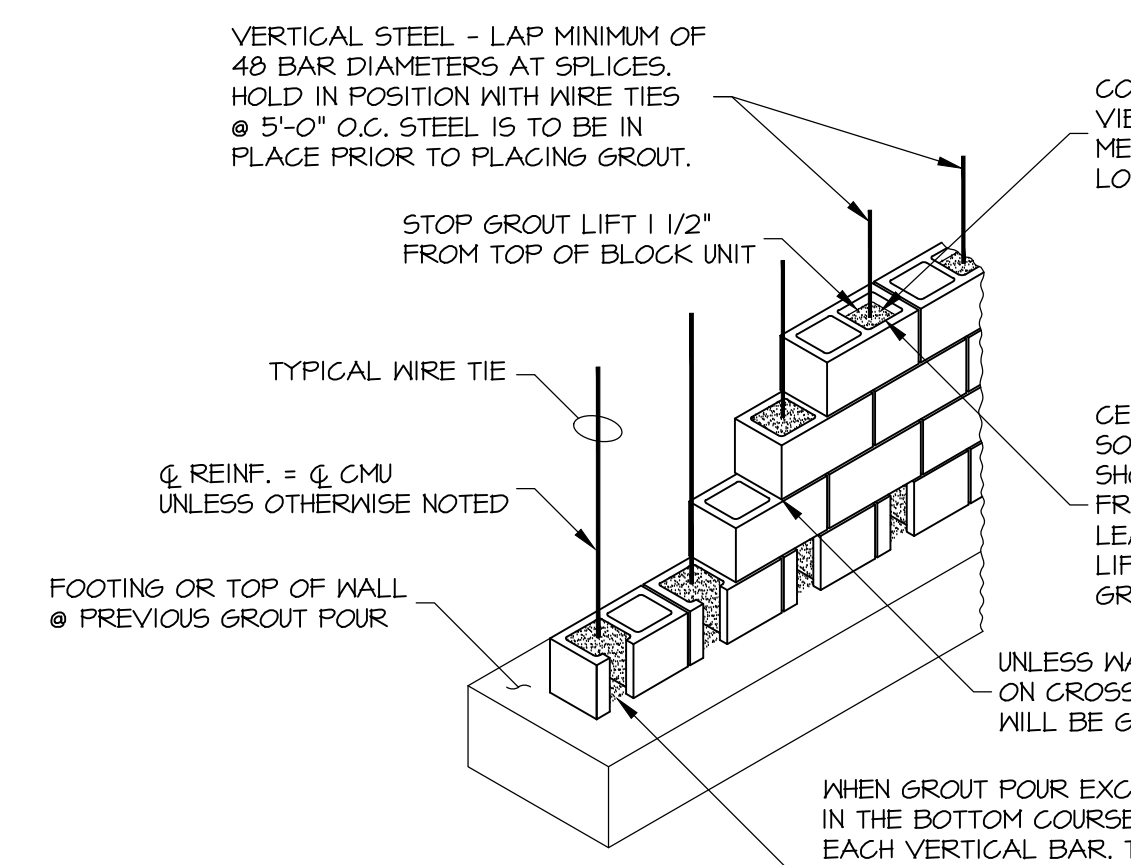
DETAIL A S301 3/4"=1'-0"
TYPICAL SLAB JOINT DETAILS



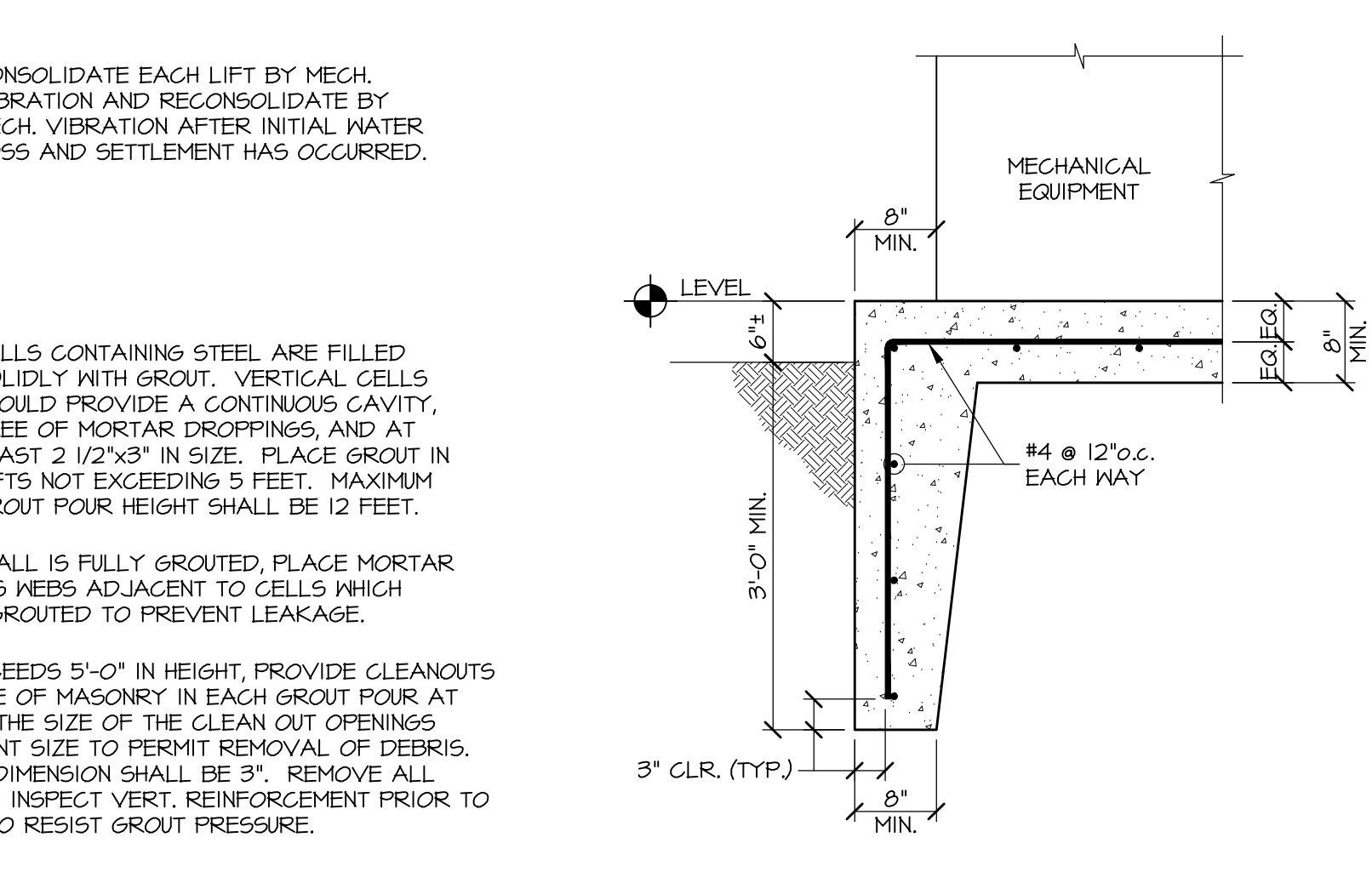
DETAIL B S301 3/4"=1'-0"
TYPICAL COLUMN ISOLATION JOINT



DETAIL C S301 N.T.S.
TYPICAL STEPPED FOOTING

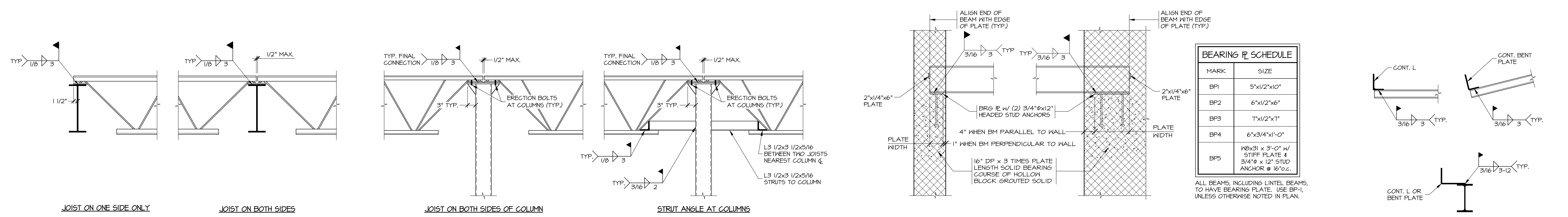
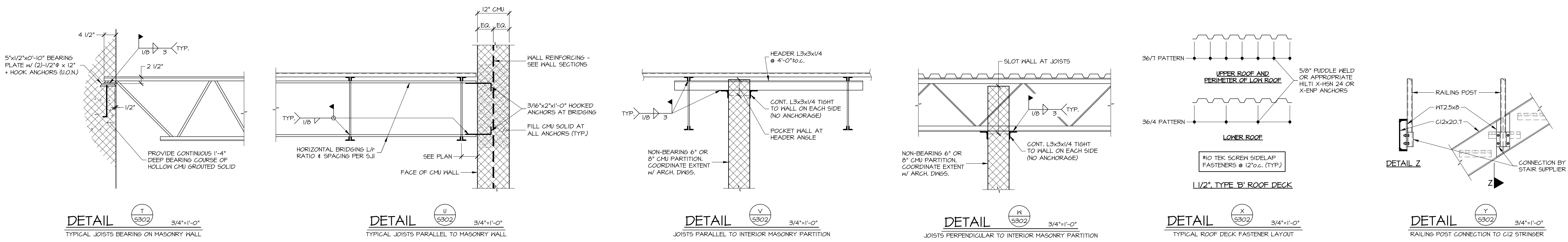


DETAIL D S301 N.T.S.
TYPICAL REINFORCED MASONRY CONSTRUCTION



DETAIL E S301 3/4"=1'-0"
TYPICAL EXTERIOR EQUIPMENT PAD, COORDINATE NUMBER REQUIRED, SIZE, AND LOCATIONS W/ ARCHITECTURAL AND MEP DRAWINGS AND EQUIPMENT TO BE SUPPLIED.

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MARK	SIZE
BP1	5"x1/2"x10"
BP2	6"x1/2"x6"
BP3	7"x1/2"x1"
BP4	6"x3/4"x1'-0"
BP5	W8x31 x 3'-0" w/ STIFF PLATE & 3/4" x 12" STUD ANCHOR @ 16" o.c.

ALL BEAMS, INCLUDING LINTEL BEAMS, TO HAVE BEARING PLATE. USE BP-1, UNLESS OTHERWISE NOTED IN PLAN.

