

Borough of Metuchen



EMERGENCY SERVICES CENTER



**1 SAFETY PLACE
METUCHEN, NJ 08840
BOME2201
MAR 12, 2024**

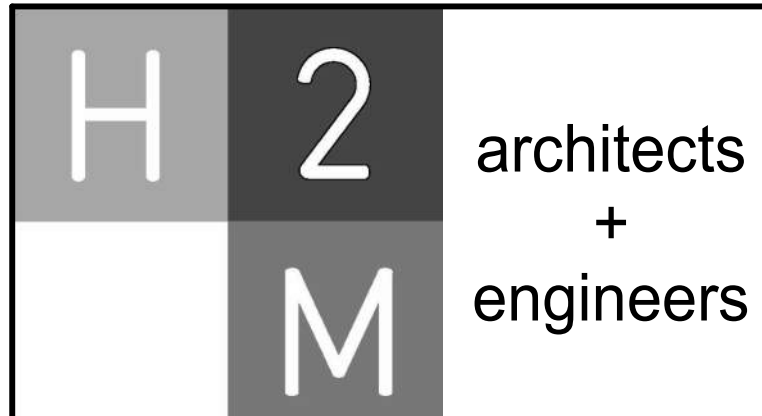
MAYOR
Jonathan Busch

ADMINISTRATOR
Melissa Perilstein

FIRE DEPARTMENT
CHIEF - Rob Donnan

EMS DEPARTMENT
PRESIDENT - Peter Fairclough

SHEET LIST	
1) General	
G 000	COVER SHEET
G 010	LIFE SAFETY FIRST FLOOR
G 011	LIFE SAFETY MEZZANINE
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CS 100	DIMENSIONAL SITE PLAN
C 100	GRADING & DRAINAGE PLAN
C 110	SOIL EROSION & SEDIMENT CONTROL PLAN
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C 501	SITE DETAILS
C 502	SITE DETAILS
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S 101	OUTBUILDING FOUNDATION & SLAB PLAN
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S 120	MEZZANINE FRAMING PLAN
S 121	LINTEL PLAN & DETAILS
S 122	MEZZANINE LINTEL PLAN
S 123	ROOF FRAMING PLAN
S 125	OUTBUILDING ROOF FRAMING PLAN
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CONSULTANTS:

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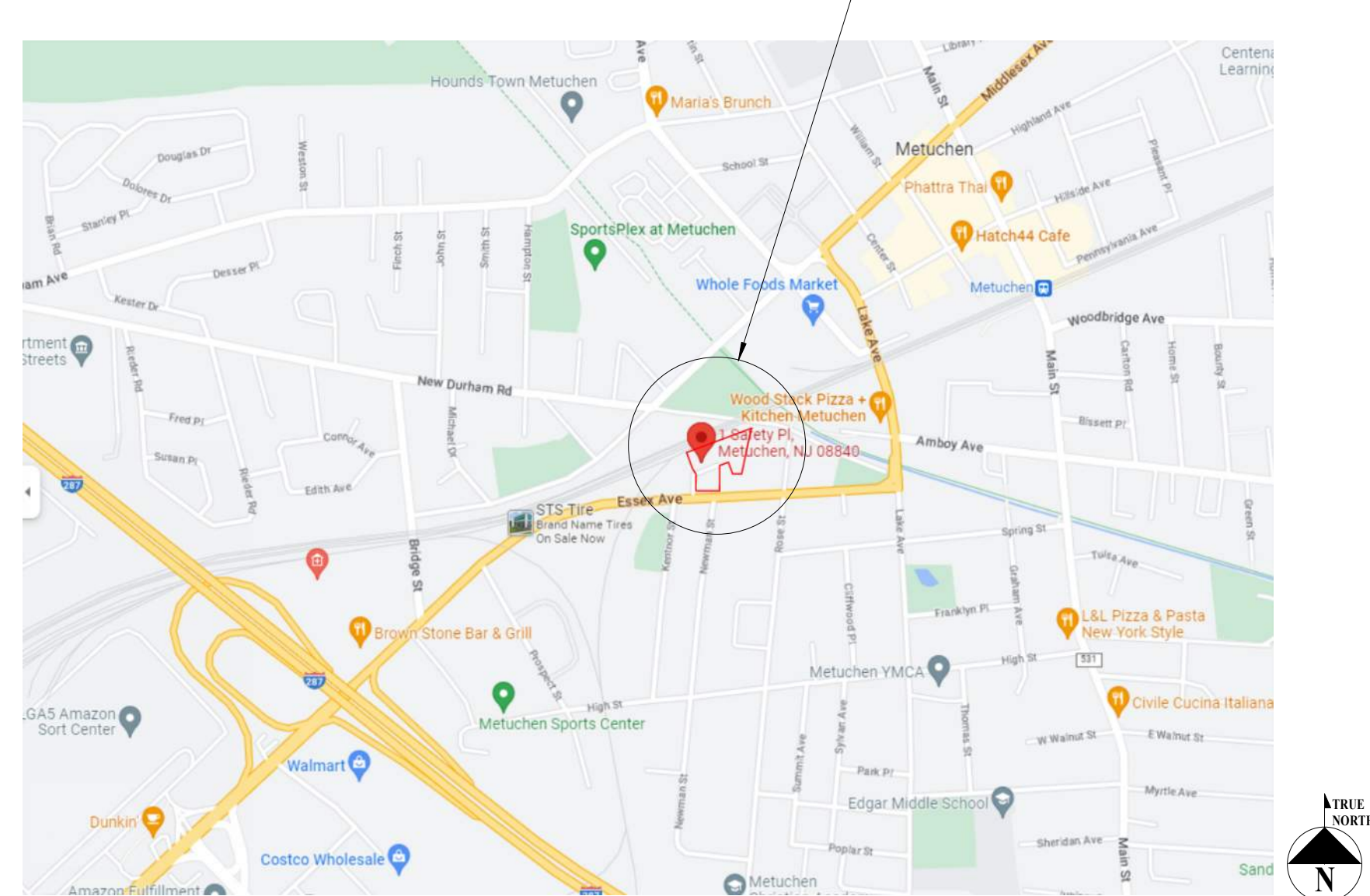
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DJP	SKM	KNP	JBL

PROJECT No: BOME2201 DATE: MAR 12, 2024 SCALE: AS SHOWN

STREET PERSPECTIVE



LOCATION MAP (N.T.S.)



GENERAL NOTES

1. THESE DRAWINGS ARE PART OF THE CONSTRUCTION DOCUMENTS AND ARE FOR THE GENERAL LAYOUT, DIMENSIONS, AND MATERIAL DETAILS OF THIS PROJECT. THEY ARE TO BE USED IN CONJUNCTION WITH THE REMAINDER OF THE ACCOMPANYING CONSTRUCTION DOCUMENTS.
2. IN THE EVENT OF DISCREPANCIES BETWEEN CONTRACT DOCUMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IN WRITING PRIOR TO PROCEEDING AND SHALL NOT PROCEED WITHOUT DIRECTION FROM THE ARCHITECT.
3. FOR CLARITY AND/OR EMPHASIS, DETAIL DRAWINGS MAY NOT SHOW ALL COMPONENTS OR ELEMENTS AT THAT CONDITION. THIS DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR PROVIDING THOSE COMPONENTS REASONABLY INFERRABLE AND/OR SHOWN OR NOTED ELSEWHERE IN THE CONTRACT DOCUMENTS.
4. ANY ALL DIMENSIONS SHALL BE FIELD VERIFIED. CONTRACTORS AND SUBCONTRACTORS SHALL BE RESPONSIBLE FOR BRINGING ANY DIMENSIONAL DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT IN WRITING. PLAN DIMENSIONS ARE NOMINAL. DETAIL DIMENSIONS ARE ACTUAL UNLESS OTHERWISE NOTED.
5. A SET OF PLANS BEARING THE ARCHITECT'S & ENGINEERS' SEALS SHALL BE KEPT AT THE SITE AT ALL TIMES DURING CONSTRUCTION.
6. ANY ALTERATION TO DRAWINGS BY ANYONE EXCEPT A LICENSED ARCHITECT OR ENGINEER IS PROHIBITED BY LAW. IF ANY ITEM BEARING THE SEAL OF AN ARCHITECT IS ALTERED, THE ALTERING ARCHITECT/ENGINEER SHALL AFFIX TO THEIR ALTERATION THEIR SEAL AND THE NOTATION "ALTERED" FOLLOWED BY THEIR SIGNATURE, DATE OF SUCH ALTERATION AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

CIVIL ENGINEER - RUSTY SCHOMMER JR.

STRUCTURAL ENGINEER - KATIA DUQUE

PLUMBING ENGINEER - JON MURATORE

MECHANICAL ENGINEER - PAUL FOERTH

ELECTRICAL ENGINEER - CHARLIE STARKE

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COUNTY OF MIDDLESEX
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DRAWING No: **G 000.00**

LEGEND

	1 HR MIN. FIRE RATED WALLS 45 MIN. FIRE RATED DOORS		STORAGE - MODERATE HAZARD (S-1)
	1 HR MIN. FIRE RATED WALLS 45 MIN. FIRE RATED DOORS SOUND ATTENUATED, 16" OC STUD		STORAGE - LOW HAZARD (S-2)
	SMOKE TIGHT ASSEMBLY INCIDENTAL USES [TABLE 509.1]		BUSINESS (B)
	FIRE EXTINGUISHER - RECESSED IN CABINET		ASSEMBLY (A-3)
	FIRE EXTINGUISHER - SURFACE MOUNTED		RESIDENTIAL (R-2)
	DEFIBRILLATOR CABINET		MAX. PATH OF TRAVEL PER USE
	EMERGENCY EYE WASH STATION		PATH OF EGRESS WITH DIRECTION AND NUMBER OF OCCUPANTS
	ACCESSIBLE FACILITIES/ ELEMENT (SHOWER, SINK, OR URINAL)	80	NUMBER OF OCCUPANTS ON THE PATH OF EGRESS
	TACTILE EXIT SIGNAGE		EXIT ACCESS DOOR ILLUMINATED EXIT SIGN
	PUBLIC ENTRANCE ACCESSIBLE BY DEFAULT		EXIT LOAD TOTAL EXIT LOAD AT EXT. DOOR DOOR WIDTH EGRESS CAPACITY FACTOR
	ROOM NUMBER		OCCUPANCY LOAD ASTERISK INDICATES ACTUAL OCCUPANCY HIGHER THAN CALCULATED OCCUPANCY
	SERVICE SINK		OCCUPANCY LOAD ACTUAL OR CALCULATED OCCUPANCY OCCUPANCY LOAD ROOM NUMBER
	DRINKING FOUNTAIN		

NJ ENERGY CONSERVATION CODE				CLIMATE ZONE: 4A
(ASHRAE 90.1, 2019) (MAIN BUILDING)				COMPLIANCE PATH: PRESCRIPTIVE
	ASSEMBLY MAXIMUM	REQUIRED INSULATION MINIMUM R-VALUE	PROVIDED INSULATION R-VALUE	METHOD
ROOF INSULATION AT BOTTOM OF ATTIC TRUSSES	U-0.021	R-49 ci	R-57 ci	3 - LAYERS OF 6 1/4" BATT INSULATION
ROOF INSULATION ENTIRELY ABOVE DECK	U-0.032	R-30 ci	R-39.2 ci	7" POLYISOCYANURATE INSULATION
MASS WALL	U-0.104	R-9.5 ci	R-17.4 ci	3" CLOSED CELL SPRAY FOAM INSULATION
METAL FRAMED WALL	U-0.064	R-13 + R-7.5 ci	R-17.4 ci	3" CLOSED CELL SPRAY FOAM INSULATION
HEATED SLABS	F-0.843	R-20 FOR 2'-0"	R-10 FOR 3'-0"	2" EXTRUDED POLYSTYRENE ON INSIDE OF FOUNDATION WALLS
UNHEATED SLABS	F-0.520	R-15 FOR 2'-0"	R-10 FOR 3'-0"	2" EXTRUDED POLYSTYRENE ON INSIDE OF FOUNDATION WALLS

NJ ENERGY CONSERVATION CODE				CLIMATE ZONE: 4A
(ASHRAE 90.1, 2019) (OUT BUILDING)				COMPLIANCE PATH: PRESCRIPTIVE
	ASSEMBLY MAXIMUM	REQUIRED INSULATION MINIMUM R-VALUE	PROVIDED INSULATION R-VALUE	METHOD
ROOF INSULATION ENTIRELY ABOVE DECK	U-0.032	R-30 ci	R-33.6ci	6" POLYISOCYANURATE INSULATION
MASS WALL	U-0.104	R-9.5 ci	R-11 ci	INSULATED ACMU BLOCKS
UNHEATED SLABS	F-0.520	R-15 FOR 2'-0"	R-10 FOR 3'-0"	2" EXTRUDED POLYSTYRENE ON INSIDE OF FOUNDATION WALLS

- GENERAL CODE NOTES**
- ALL INTERIOR WALL AND CEILING FINISHES SHALL MEET OR EXCEED THE REQUIREMENTS IDENTIFIED IN TABLE 803.13 OF THE NJ VERSION OF IBC 2021.
 - THIS FACILITY WILL BE EQUIPPED THROUGHOUT WITH AN AUTOMATIC FIRE SPRINKLER SYSTEM THAT COMPLIES WITH NFPA 13 AND SECTION 903 OF THE NJ VERSION OF IBC 2021. SEE 'FP' DRAWINGS FOR ADDITIONAL INFORMATION.
 - THIS FACILITY WILL BE EQUIPPED WITH FULLY ADDRESSABLE FIRE ALARM AND SMOKE DETECTION SYSTEM THAT COMPLIES WITH NFPA 72 AND SECTION 907 OF THE NJ VERSION OF IBC 2021. REFER TO 'FA' DRAWINGS FOR ADDITIONAL INFORMATION.
 - PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED AS INDICATED IN SECTION 906 OF THE NJ VERSION OF IBC 2021 TABLE 906.1 AND TABLE 906.3 OF THE NJ VERSION OF IBC 2021. PORTABLE FIRE EXTINGUISHERS SHALL ALSO BE SELECTED AND INSTALLED IN ACCORDANCE WITH NFPA 10. SEE LIFE SAFETY PLANS FOR QUANTITIES AND LOCATIONS OF EXTINGUISHERS.
 - MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT INDICATED ON LIFE SAFETY PLANS ARE AS INDICATED ON TABLE 1004.5 OF THE NJ VERSION OF IBC 2021.
 - THE MINIMUM CORRIDOR WIDTH SHALL NOT BE LESS THAN 44" PER SECTION 1020.3 OF THE NJ VERSION OF IBC 2021.
 - AS PER SECTION 1105.1 OF THE NJ VERSION OF IBC 2021, 60% OF ALL PUBLIC ENTRANCES MUST BE ACCESSIBLE. THE ONE PUBLIC ENTRANCE IS ACCESSIBLE, SO 100% OF PUBLIC ENTRANCES ARE ACCESSIBLE.
 - AS PER TABLE 1106.2 OF THE NJ VERSION OF IBC 2021, THREE (3) ACCESSIBLE PARKING SPACE IS REQUIRED WHEN THE TOTAL PARKING SPACES RANGE BETWEEN 51-75. (NOTE: THE MINIMUM REQUIRED BY THE NJ VERSION OF IBC 2021 MAY BE SUPERSEDED BY LOCAL ZONING ORDINANCE)
 - ALL GLAZING IN DOORS, FIXED SIDE PANELS ADJOINING DOORS, INTERIOR PARTITIONS WHERE GLAZING EXTENDS TO WITHIN 1'-6" OF FINISHED FLOOR AND GLASS PANELS GREATER THAN 50 SF TO BE FULLY TEMPERED SAFETY GLASS PER CHAPTER 24 OF THE NJ VERSION OF IBC 2021.

FIRE-RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS & EXT. WALLS

PER NJ VERSION OF IBC 2021, TABLE 601, 602 & TABLE 705.5

BUILDING OCCUPANCY CLASSIFICATION: S-1 STORAGE (MOST STRINGENT)
CONSTRUCTION CLASSIFICATION: TYPE IIB

BUILDING ELEMENT	10 X X 30 SEPARATION FROM PROPERTY LINE		X 2 30 SEPARATION BETWEEN BUILDINGS ON SAME LOT	
	REQUIRED	PROVIDED	REQUIRED	PROVIDED
PRIMARY STRUCTURAL FRAME	0	0	0	0
BEARING WALLS - EXTERIOR	0	0	0	0
BEARING WALLS - INTERIOR	0	0	0	0
NONBEARING WALLS - EXTERIOR	0	0	0	0
NONBEARING WALLS - INTERIOR	0	0	0	0
FLOOR CONSTRUCTION	0	0	0	0
WALL CONSTRUCTION	0	0	0	0
EXTERIOR WALLS - PER FIRE SEPARATION DISTANCE	0	0	0	0

BUILDING AREA, GROSS FLOOR AREA, FIRE AREA, HEIGHT & OCCUPANT LOAD

	MAX. ALLOWED	PROPOSED
HEIGHT (STORIES)	4	1
HEIGHT (FEET)	75'-0"	51'-9"
FIRE AREA	70,000 SF	11,755 SF
TOTAL BUILDING AREA	70,000 SF	11,755 SF
FIRST FLOOR	70,000 SF	11,755 SF
MEZZANINE	NOTE 1	N/A
GROSS FLOOR AREA	70,000 SF	13,818 SF
FIRST FLOOR	70,000 SF	11,755 SF
MEZZANINE	NOTE 2	2,063 SF
OCCUPANT LOAD	N/A	170
FIRST FLOOR	N/A	158
MEZZANINE	N/A	12

- NOTES:**
- MEZZANINES SHALL NOT CONTRIBUTE TO EITHER THE BUILDING AREA OR NUMBER OF STORIES AS REGULATED BY SECTION 503.1 OF 2021 NJBC; IN COMPLIANCE WITH SECTION 505.2
 - AS PER NEW JERSEY 2021 BUILDING CODE, AGGREGATE AREA OF MEZZANINES IN TYPE II CONSTRUCTION CALL NOT BE GREATER THAN 1/2 OF FLOOR AREA OF THE ROOM IN BUILDINGS AND STRUCTURE EQUIPPED WITH AN APPROVED AUTOMATIC SPRINKLER SYSTEM AND APPROVED EMERGENCY VOICE/ALARM COMMUNICATION SYSTEM IN ACCORDANCE WITH SECTION 903.3.1.1 AND 907.5.2.2.

BUILDING CLASSIFICATION & USES

PER NJ VERSION OF IBC 2021, CHAPTER 5 & NJ VERSION OF IFC 2021, SECTION 903.2.9

CONSTRUCTION CLASSIFICATION: IIB

STRUCTURE CLASSIFICATION: CLASS 2 STRUCTURE PER NJAC 5:23 - 4:3A(d)

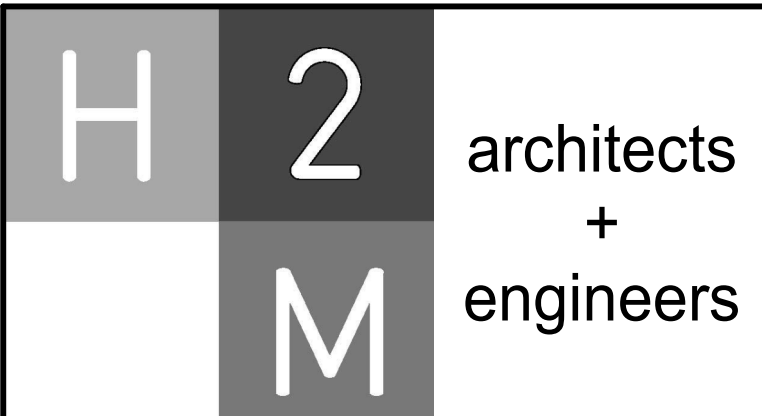
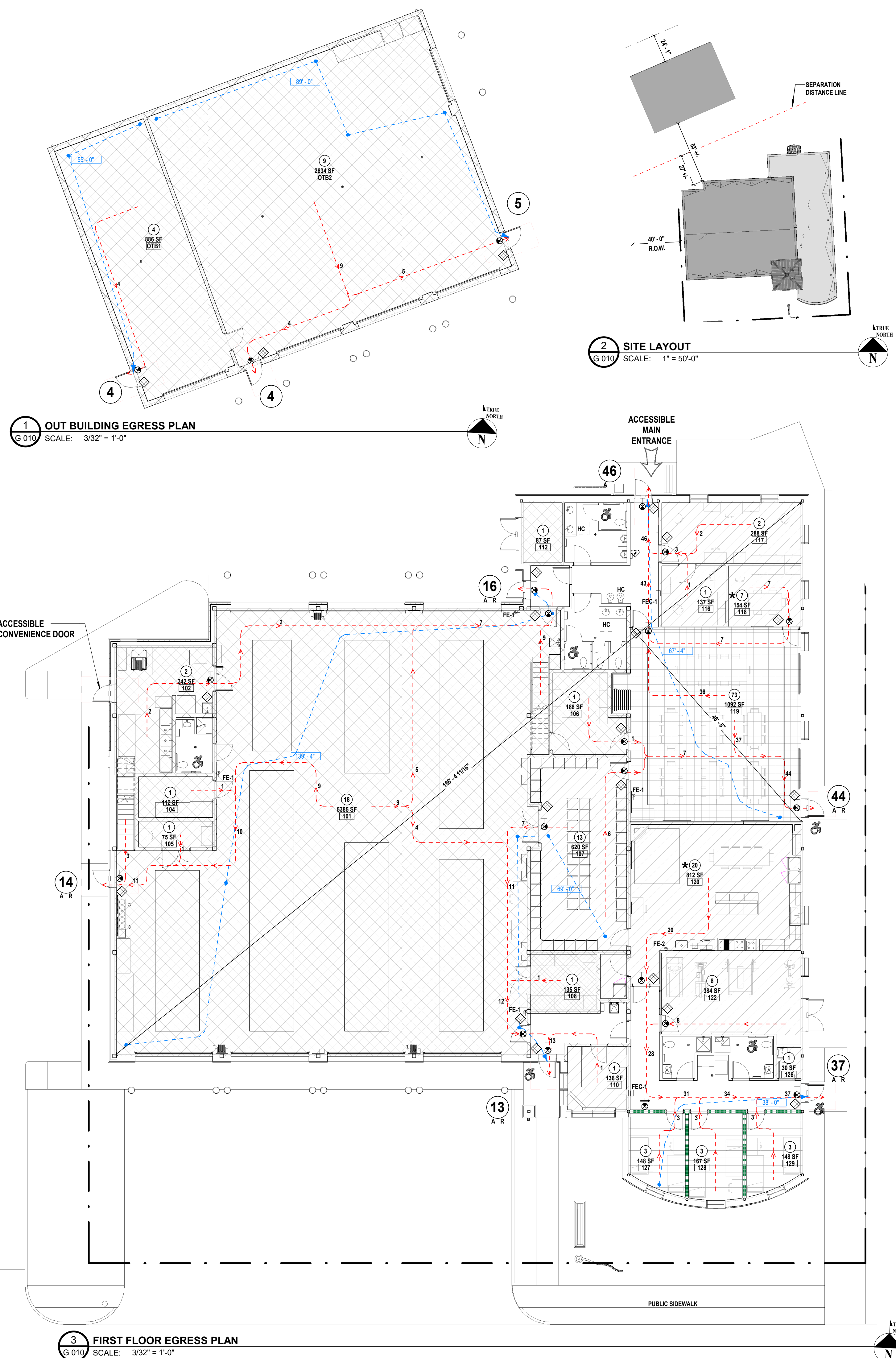
PROPOSED BUILDING OCCUPANCY USE: S-1 / S-2 / A-3 / R-2 / B

PRIMARY BUILDING OCCUPANCY USE: B / S-2 / S-1

ACCESSORY USES: A-3 / R-2

APPLICABLE CODES AND REFERENCES

- ALL CONSTRUCTION WORK SHALL BE IN ACCORDANCE WITH THE FOLLOWING BUILDING CODES:
- THE UNIFORM CONSTRUCTION CODE, CHAPTER 23 OF TITLE 5 OF THE NJ ADMINISTRATIVE CODE UNDER SECTION 3 OF THE CODE - ADOPTS THE FOLLOWING CODES:
- NJAC 5:23 - 3.14 BUILDING SUBCODE - ADOPTS THE FOLLOWING:
 - A. IBC 2021 WITH AMENDMENTS
 - B. ICC/ANSI A117.1-2017 WITHOUT AMENDMENTS
 - C. IFC 2021 WITHOUT AMENDMENTS
 - NJAC 5:23 - 3.15 PLUMBING SUBCODE - ADOPTS NSPC 2021 WITH AMENDMENTS
 - NJAC 5:23 - 3.16 ELECTRICAL SUBCODE - ADOPTS NFPA 70/2020 WITHOUT AMENDMENTS
 - NJAC 5:23 - 3.18 ENERGY SUBCODE - ADOPTS ASHRAE 90.1-2019 WITHOUT AMENDMENTS
 - NJAC 5:23 - 3.20 MECHANICAL SUBCODE - ADOPTS IMC 2021 WITHOUT AMENDMENTS
 - NJAC 5:23 - 3.22 FUEL GAS SUBCODE - ADOPTS IFGC 2021 WITHOUT AMENDMENTS
- MAIN BUILDING WILL BE FULLY SPRINKLERED PER NFPA13.



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DRAWN BY: SKM
CHECKED BY: KNP
REVIEWED BY: JBL

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CLIENT
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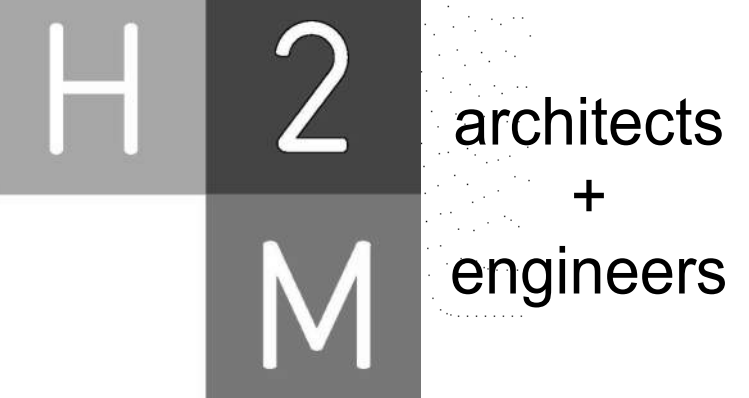


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SHEET TITLE: LIFE SAFETY FIRST FLOOR

DRAWING No. **G 010.00**



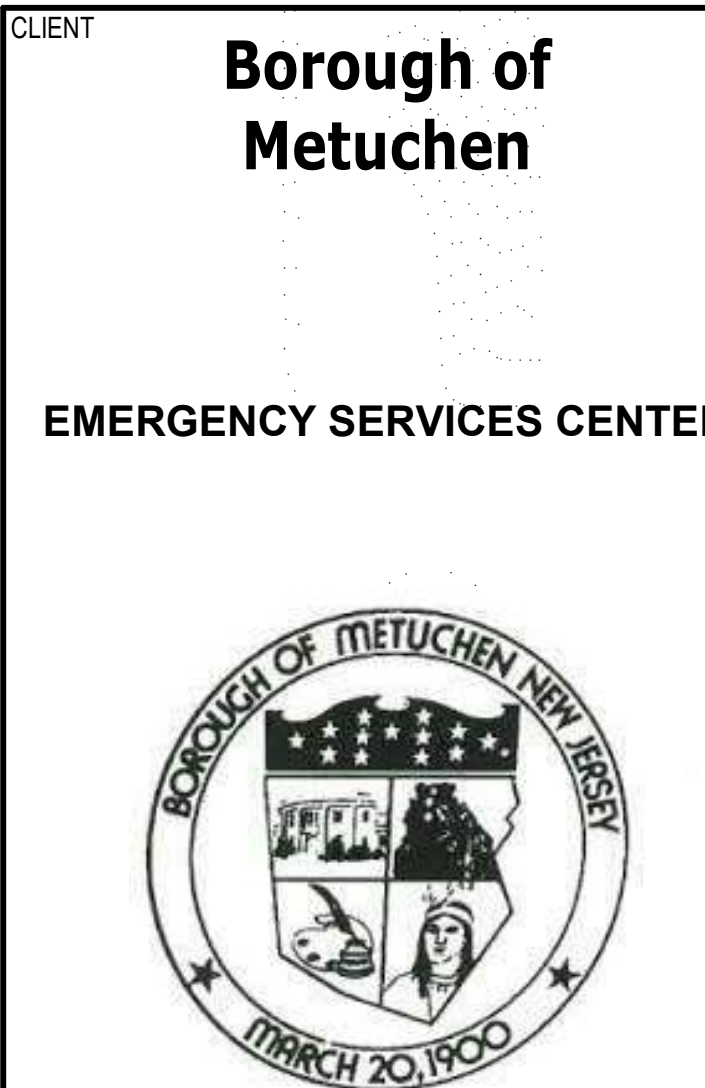
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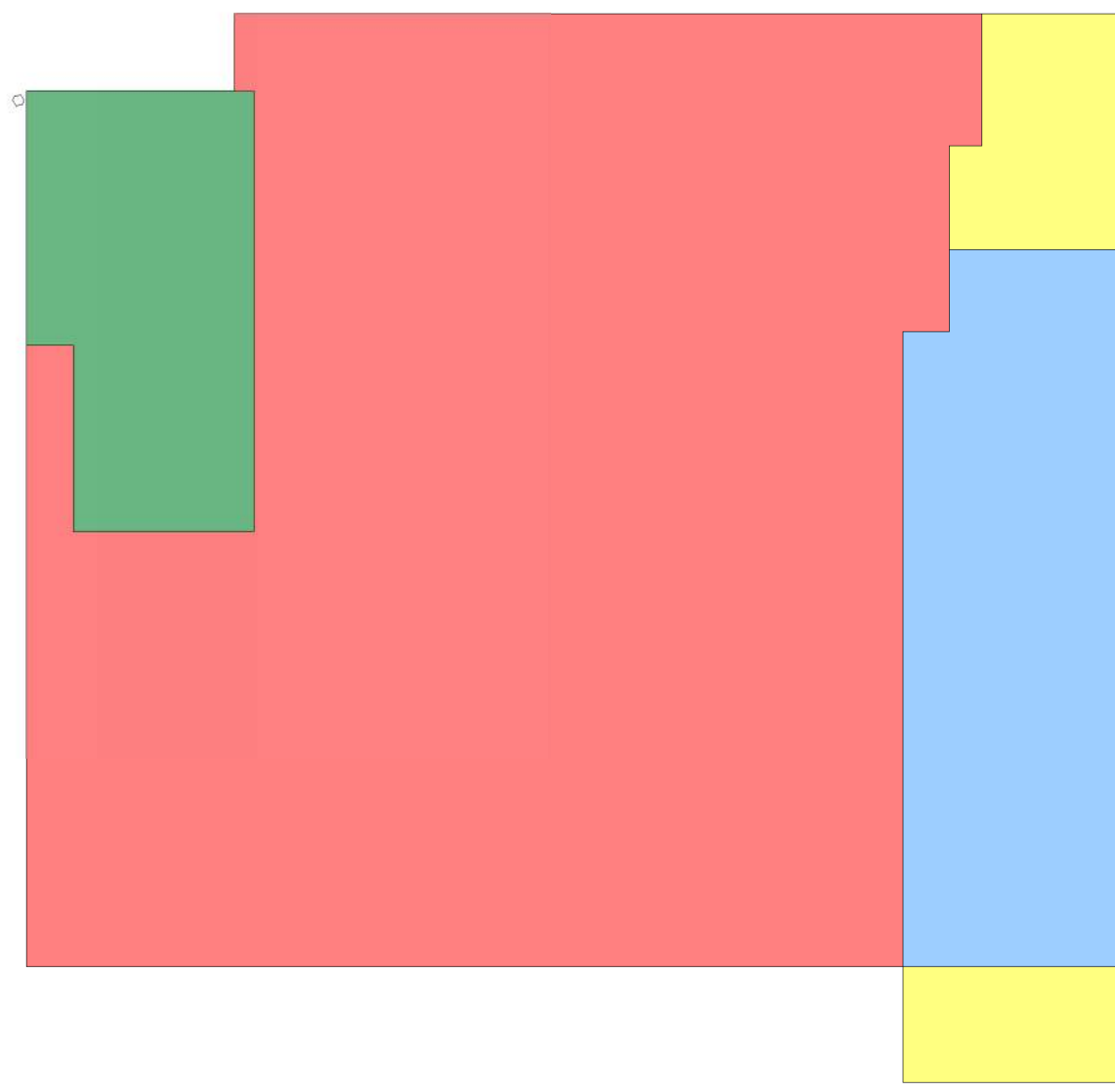
SHEET TITLE
LIFE SAFETY MEZZANINE

DRAWING No. **G 011.00**

OCCUPANCY CALCULATIONS					
Number	Name	Occupancy	Area	SF/PERSON	COUNT
FIRST FLOOR					
101	APPARATUS BAYS	S-2	5306 SF	300 GROSS	18
102	DECON / SCBA ROOM	S-2	314 SF	300 GROSS	2
103	BAY TOILET	S-2	65 SF	300 GROSS	1
104	EMS STORAGE	S-2	112 SF	300 GROSS	1
105	ICE COOLERS AND WATER STORAGE	S-2	63 SF	300 GROSS	1
106	TABLES, CHAIRS AND PANTRY	S-2	170 SF	300 GROSS	1
107	TURNOUT GEAR	B	586 SF	50 GROSS	12
108	WORKSHOP	S-1	121 SF	300 GROSS	1
109	BAY TRANSITION	S-2	114 SF	300 GROSS	1
110	RADIO / COMMUNICATIONS	B	122 SF	150 GROSS	1
111	VESTIBULE		52 SF		
112	RPZ ROOM	S-2	76 SF	300 GROSS	1
113	MEN'S RESTROOM		121 SF		
114	WOMEN'S RESTROOM		137 SF		
115	PUBLIC CORRIDOR		175 SF		
116	FIRE PREVENTION/OFFICE	B	275 SF	150 GROSS	2
117	SENIOR STAFF OFFICE	B	127 SF	150 GROSS	1
118	EOC	B	144 SF	150 GROSS	7*
119	TRAINING/MULTI-PURPOSE	A-3	1082 SF	15 NET	73
120	KITCHEN / DAY ROOM	B	720 SF	150 GROSS	20*
121	STORAGE		38 SF		
122	CORRIDOR		275 SF		
123	EXERCISE ROOM	B	375 SF	50 GROSS	8
124	SINGLE OCC. TOILET		53 SF		
125	SINGLE OCC. TOILET		67 SF		
126	J.C.	S-2	25 SF	300 GROSS	1
127	BUNK ROOM	R-2	133 SF	60 GROSS	3
128	BUNK ROOM	R-2	151 SF	60 GROSS	3
129	BUNK ROOM	R-2	133 SF	60 GROSS	3
FIRST FLOOR			SUB-TOTAL 159		
OUTBUILDING - FLOOR					
OTB1	POLICE STORAGE	S-2	818 SF	300 GROSS	4
OTB2	FIRE & EMS STORAGE	S-2	2514 SF	300 GROSS	9
OUTBUILDING - FLOOR			SUB-TOTAL 13		
MEZZANINE 1					
M01	TRAINING MEZZANINE	S-2	594 SF	300 GROSS	3
MEZZANINE 2					
M02	UTILITY MEZZANINE	S-2	475 SF	300 GROSS	2
M03	QUARTERMASTER / RECORD STORAGE	S-1	453 SF	300 GROSS	2
M04	I.T.	S-1	155 SF	300 GROSS	1
M05	MECHANICAL ROOM	S-1	235 SF	300 GROSS	1
M06	ELECTRICAL ROOM	S-1	153 SF	300 GROSS	1
MEZZANINE 2 (BOTH MEZZ)			SUB-TOTAL 11		
T.O.M. 3					
201	TOWER ROOF ACCESS LEVEL		302 SF		2
T.O.M. 3			GRAND TOTAL 183		

TOTAL ALLOWABLE AREA PER FLOOR			
IIB = CONSTRUCTION TYPE A-3 = MOST RESTRICTIVE BUILDING OCCUPANCY		A _s = [A _s + (N _s x I _i)]	
39,615 = A _s = ALLOWABLE AREA (SQ. FEET), BASED ON MOST RESTRICTIVE USE		A _s = [38,000 + (9500 x 17%)]	
38,000 = A _t = TABULAR ALLOWABLE AREA FACTOR		A _t = 38,000 + 1,615	
9,500 = N _s = TABULAR ALLOWABLE AREA FACTOR IN ACCORDANCE WITH TABLE 506.2		A _s = 39,615	
17% = I _i = AREA FACTOR INCREASE DUE TO FRONTAGE (PERCENT) AS CALCULATED IN ACCORDANCE WITH SECTION 506.3			

FRONTAGE INCREASE FACTOR PER NJ VERSION OF IBC 2021, SECTION 506.3.3			
IIB = CONSTRUCTION TYPE A-3 = MOST RESTRICTIVE BUILDING OCCUPANCY		OPEN SPACE (FEET)	
PERCENTAGE OF BUILDING PERIMETER	0 TO LESS THAN 20	0 TO LESS THAN 20	0 TO LESS THAN 20
0 TO LESS THAN 25	0	0	0
25 TO LESS THAN 50	0	0.17	0.21
50 TO LESS THAN 75	0	0.33	0.42
75 TO 100	0	0.50	0.63

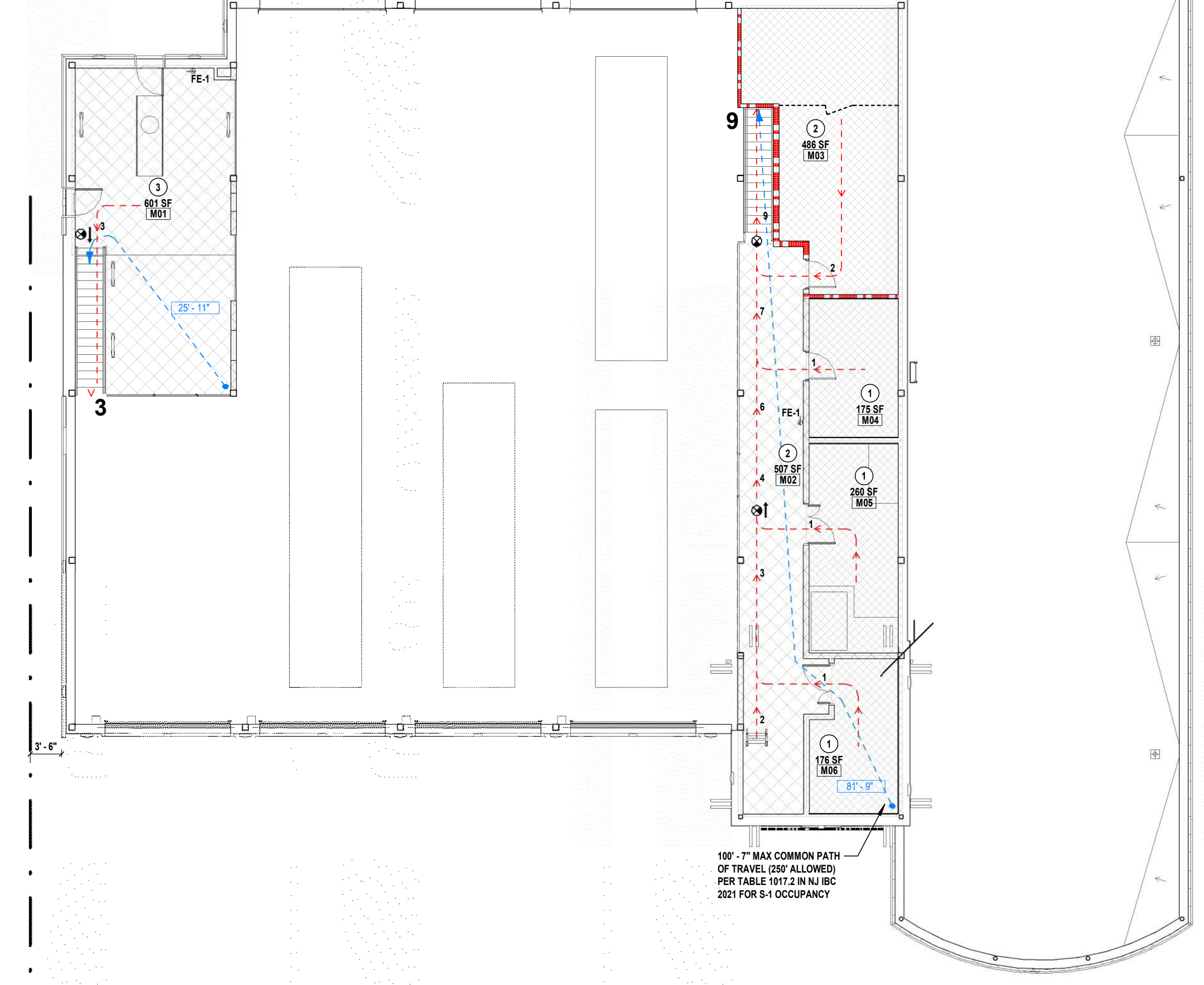


- APPARATUS BAY: 5332 SF
 - MEZZANINE 1: 1115 GSF
 - MEZZANINE 2: 665 GSF
 - MEZZANINE EXT.: 447 GSF
- TOTAL ALLOWABLE MEZZANINE AREA: 1,777 SF
TOTAL ALLOWABLE MEZZANINE AREA WITH AUTOMATIC SPRINKLER & APPROVED VOICE ALARM: 2,666 SF
TOTAL CURRENT MEZZANINE AREA: 1,780 GSF
TOTAL MAX DESIRED MEZZANINE AREA: 2,227 GSF

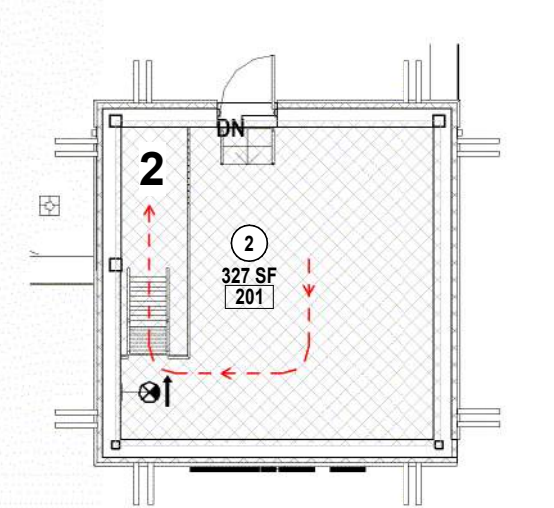
PLUMBING FIXTURE REQUIREMENTS										
SPACE	WATER CLOSETS			LAVATORIES		SHOWERS		WATER FOUNTAIN		
USE	LOAD	RATIO	(M)	RATIO	(F)	RATIO	(M)	(F)	RATIO	REQ.
FIRST FLOOR & MEZZANINE										
'S'	40	1/50	.4	1/50	.4	1/50	.4	4	N/A	1/500 .08
'B'	16	1/15 (FIRST 15)	.53	1/15 (FIRST 15)	.53	1/15	.53	3	N/A	1/100 .16
'R-2'	8	2/10 (FIRST 10)	.9	2/10 (FIRST 10)	.9	2/10	.9	3	1/8	1/100 .09
'A-3'	114	1/50	1.14	1/50	1.14	1/50	1.14	1.14	N/A	1/200 .57
SUB TOTAL			2.745		2.745		2.745			.56
TOTAL REQUIRED			3		3		3		1	1
TOTAL PROVIDED			4		4		3		2	2

2 LIFE SAFETY - MEZZANINE LEVEL (ALLOWABLE AREA)
SCALE: 1/16" = 1'-0"

EXIT ACCESS TRAVEL DISTANCE		
FIRST FLOOR	ALLOWED - W/ SPRINKLERS	PROVIDED - MAX TRAVEL DISTANCE
LOW HAZARD - 'S-2'	400'-0" (S-2)	139'-5"
BUSINESS - 'B'	300'-0" (B)	75'-7"
MODERATE HAZARD STORAGE - 'S-1'	250'-0" (S-1)	32'-2"
RESIDENTIAL - DORMITORY 'R-2'	250'-0" (R-2)	37'-3"
ASSEMBLY - 'A-3'	250'-0" (A-3)	53'-3"
MEZZANINE		
MODERATE HAZARD STORAGE - 'S-1'	250'-0" (S-1)	100'-7"
LOW HAZARD STORAGE - 'S-2'	400'-0" (S-2)	25'-11"
TOWER LEVEL		
MODERATE HAZARD STORAGE - 'S-1'	250'-0" (S-1)	140'-0"



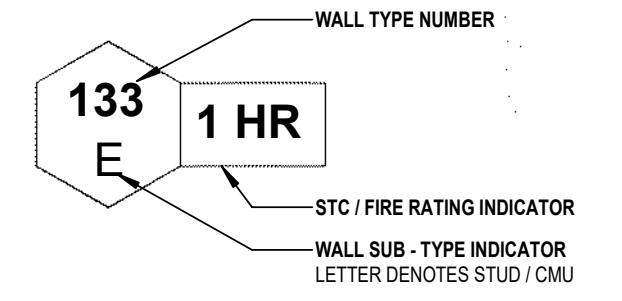
1 MEZZANINE EGRESS PLAN
SCALE: 3/32" = 1'-0"

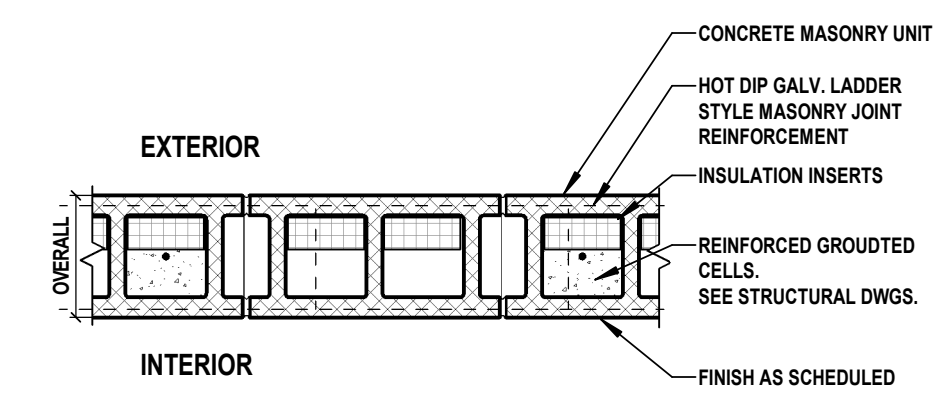
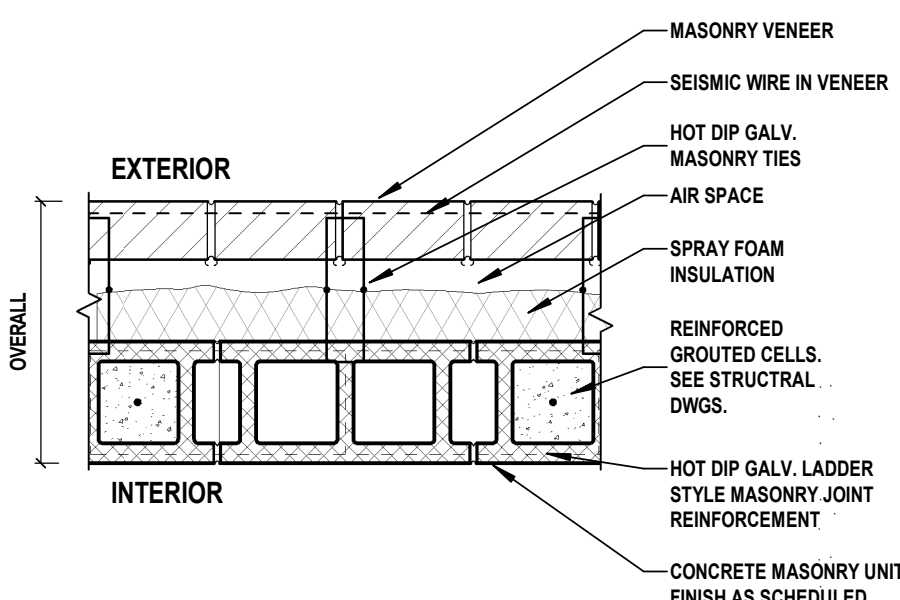
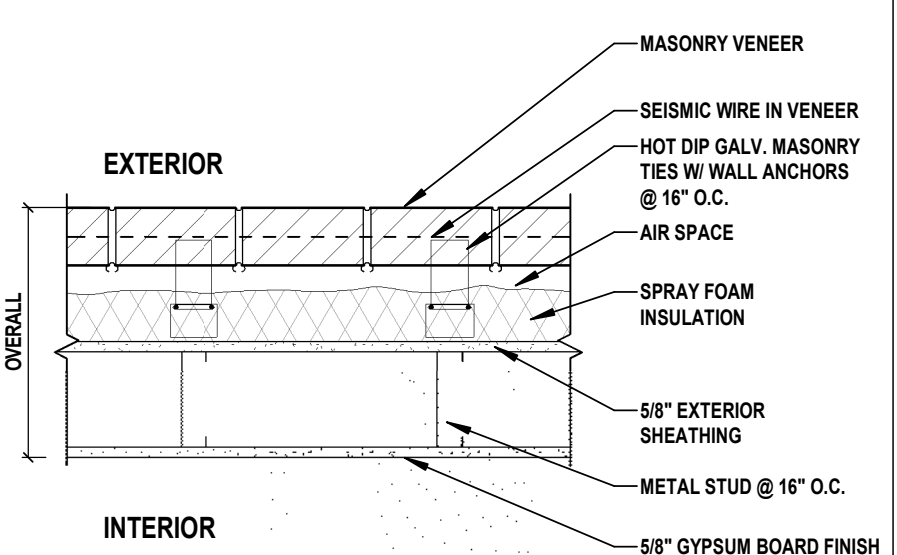
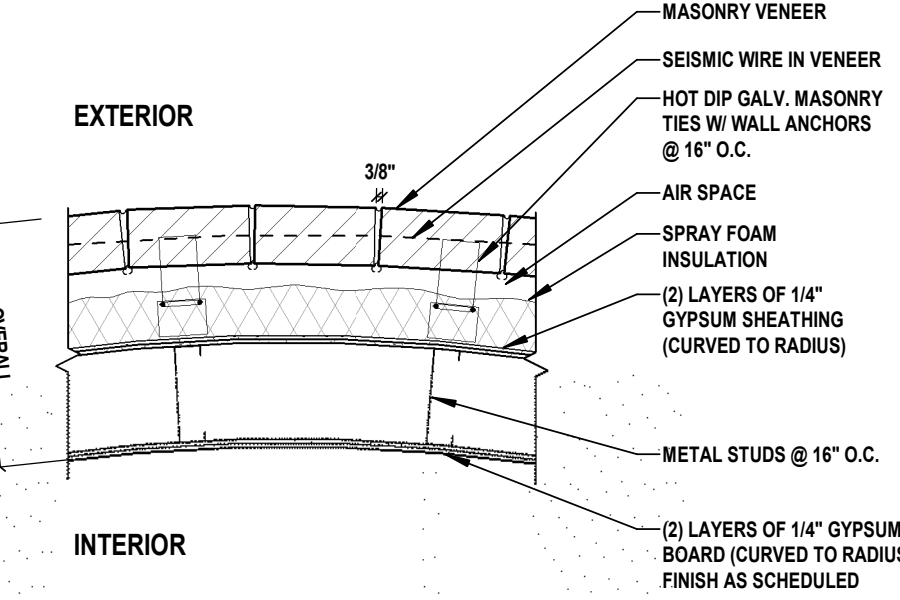


3 TOWER LEVEL EGRESS PLAN
SCALE: 3/32" = 1'-0"

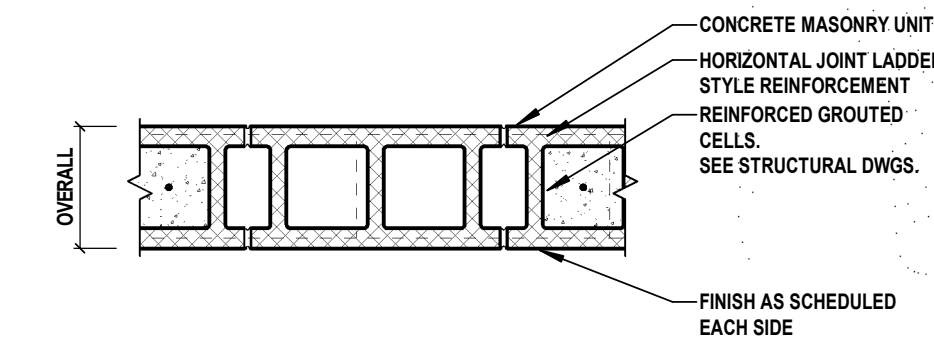
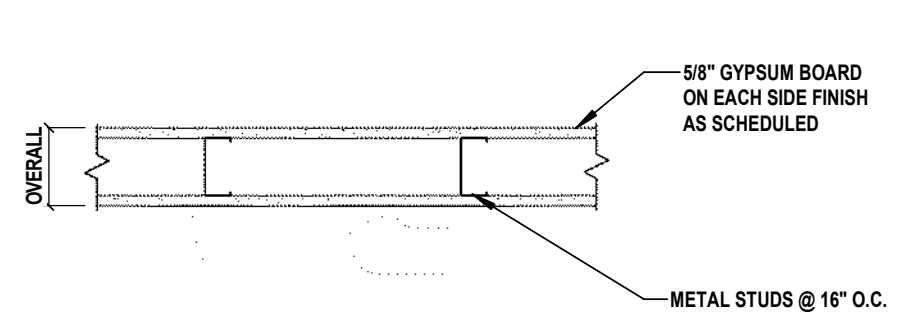
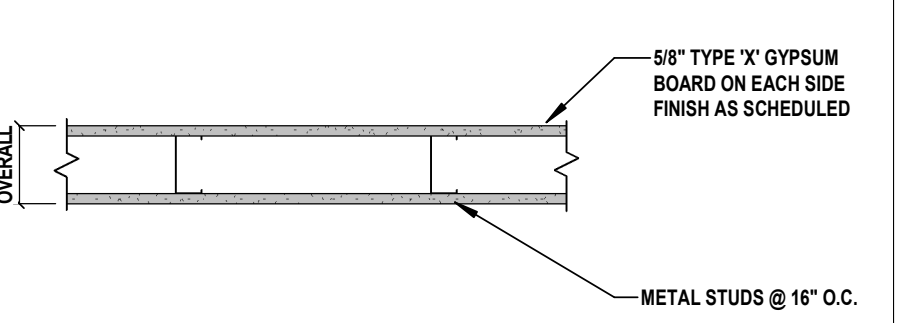
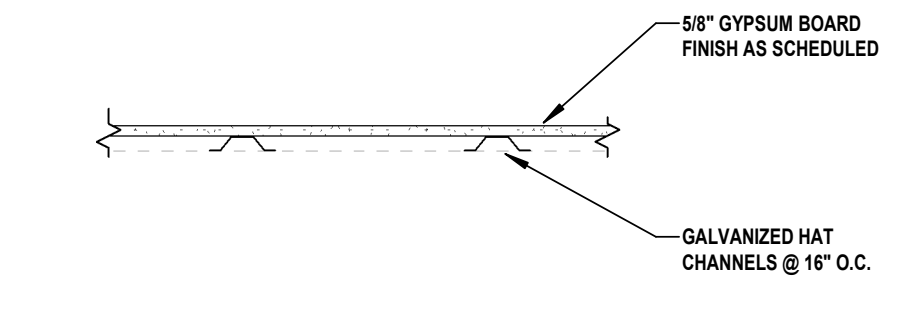
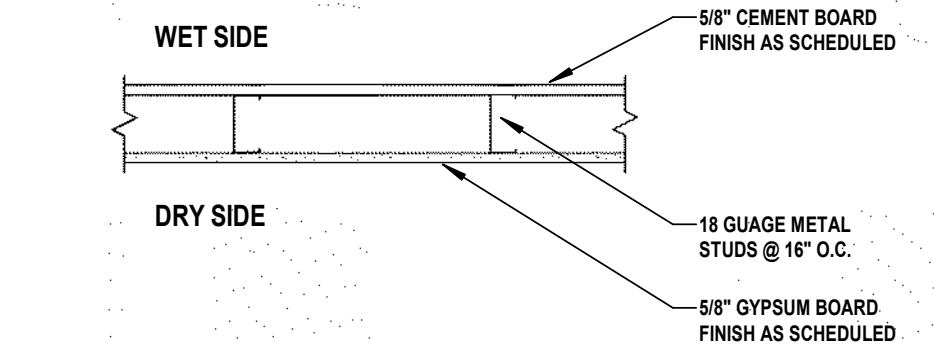
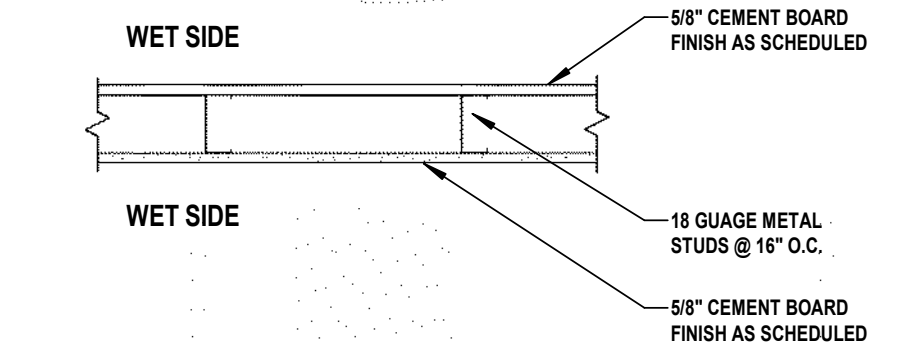
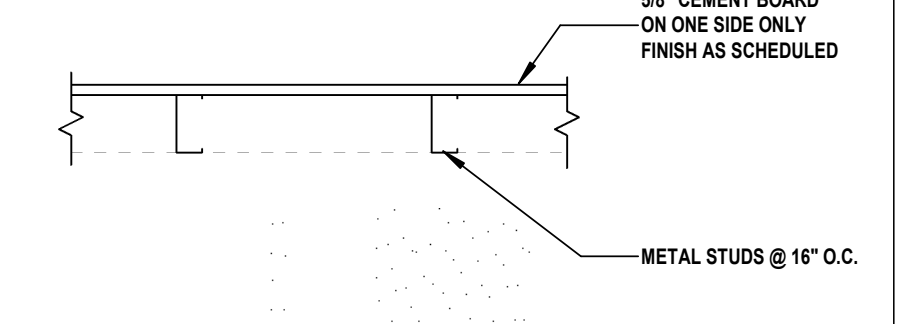
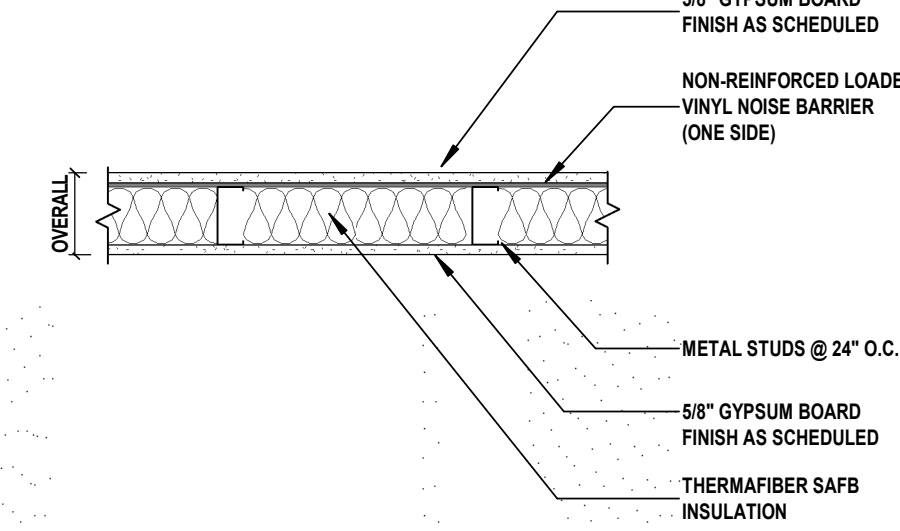
WALL TYPE NOTES

- STC & F.R. WALLS ARE IDENTIFIED ON LIFE SAFETY PLANS.
- STC & F.R. WALLS ARE INDICATED ON WALL TAGS ON FLOOR PLANS
- FOR SAFB LOCATIONS REFER ROOM SCHEDULE ON FLOOR PLAN SHEET.



																																							
WALL TYPE	OVERALL DIMENSIONS	CMU SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS	WALL TYPE	OVERALL DIMENSIONS	CMU SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS	WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS	WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS												
1C	11 5/8"	11 5/8"	-	-	-	SPLIT FACE ACMU W/ INSUL. INSERTS	4D	1'-4"	7 5/8"	-	-	-	3" SPRAY FOAM INSULATION	26E	1'-3 5/8"	6"	-	-	-	-	3" SPRAY FOAM INSULATION	36A	1'-3 1/8"	6"	-	-	-	3" SPRAY FOAM INSULATION											
<p>1 CMU Partition Exterior Partition H2M Ref # CE-001</p>							<p>4 Masonry Veneer Exterior Partition H2M Ref # CE-004</p>							<p>26 Masonry Veneer Exterior Partition H2M Ref # ME-026</p>							<p>36 Masonry Veneer Exterior Partition H2M Ref # ME-026</p>																		

1 EXTERIOR WALL TYPES
SCALE: 1" = 1'-0"

																																							
WALL TYPE	OVERALL DIMENSIONS	CMU SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS	WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS	WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS	WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS												
101C	7 5/8"	7 5/8"	-	-	-		131B	4 7/8"	3 5/8"	-	-	-		132B	4 7/8"	3 5/8"	1 HR	U4XX	-	-		145A	1 1/2"	7/8"	-	-	-												
101C	7 5/8"	7 5/8"	1 HR	U905	-		131C	7 1/4"	6"	-	-	-		145B	2 1/8"	1 1/2"	-	-	-	-																			
<p>101 CMU Partition Interior Partition H2M Ref # CI-101</p>							<p>131 Metal Stud Partition Interior Partition H2M Ref # MI-131</p>							<p>132 Metal Stud Partition Interior Partition H2M Ref # MI-132</p>							<p>145 Furring Channel Wall Interior Partition H2M Ref # MI-145</p>																		
																																							
WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS	WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS	WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS	WALL TYPE	OVERALL DIMENSIONS	STUD SIZE	FIRE RATING	UL No.	STC RATING	COMMENTS												
146A	4 7/8"	3 5/8"	-	-	-		147A	4 7/8"	3 5/8"	-	-	-		148B	4 1/4"	3 5/8"	-	-	-	-		149B	5"	3 5/8"	1 HR	U4XX	50	3" SAFB											
<p>146 Metal Stud Partition Interior Partition H2M Ref # MI-146</p>							<p>147 Metal Stud Partition Interior Partition H2M Ref # MI-147</p>							<p>148 Metal Stud Partition Interior Partition H2M Ref # MI-148</p>							<p>149 Metal Stud Partition Interior Partition H2M Ref # MI-149</p>																		

NOTE: ONLY 1 ELECTRICAL BOX / OPENING IN EACH STUD CAVITY

CONSULTANTS:

MARK	DATE	DESCRIPTION
00	MAR. 6, 2024	90% - NFC

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PROJECT No: BOME2201	DATE: MAR 12, 2024	SCALE: AS SHOWN	

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Borough of Metuchen

EMERGENCY SERVICES CENTER



1 SAFETY PLACE
METUCHEN, NJ 08840
BOROUGH OF METUCHEN
COUNTY OF MIDDLESEX
NEW JERSEY

STATUS: 90% - NFC

SHEET TITLE: WALL TYPES

DRAWING No. A 010.00

CONSULTANTS:

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**1 SAFETY PLACE
METUCHEN, NJ 08840
BOROUGH OF METUCHEN
COUNTY OF MIDDLESEX
NEW JERSEY**

STATUS **90% - NFC**

SHEET TITLE

FIRST FLOOR PLAN

DRAWING No. **A 100.00**

FLOOR PLAN GENERAL NOTES

- ALL PLAN DIMENSIONS ARE NOMINAL.
- DIMENSIONS ARE TO FACE OF MASONRY OR FACE OF FRAMING, NOT FACE OF FURRING UNLESS OTHERWISE NOTED.
- REFERENCE ELEVATION:
FIRST FLOOR 0'-0" = 86'-6" PER CIVIL DRAWINGS.
- ALL PENETRATIONS THROUGH A RATED ASSEMBLY SHALL BE FIRE STOPPED. SEE FIRE STOPPING SPECIFICATION AND A550 DETAILS
- TYPICAL DIMENSION AT HINGE SIDE OF INTERIOR DOOR IN FRAMED WALLS, U.O.N.
- ALL WALLS, PARTITIONS, AND SOFFITS TO EXTEND TIGHT TO UNDERSIDE OF DECK ABOVE U.O.N.
- SEE ALSO 1/4" SCALE PLANS FOR ADDITIONAL WALL TYPE, KEYNOTE, AND DIMENSION INFORMATION.
- SEE ELEVATIONS FOR CONTROL JOINTS (CJ) IN CMU AND EXPANSION JOINTS (EJ) IN BRICK.
- SEE STRUCTURAL PLANS FOR SLOPES TO DRAIN.
- ROUND EDGES OF ALL EXPOSED INTERIOR CORNERS OF C.M.U. WALLS & AT FRAMELESS OPENINGS.
- LAYOUT OF TOILET FIXTURES AND ACCESSIBILITY CLEARANCES ARE SHOWN AS CLEAR DIMENSIONS. CONTRACTORS ARE REQUIRED TO COORDINATE LAYOUTS OF PARTITIONS, UTILITY CONNECTIONS, AND THICKNESS OF FINISHES TO ALLOW THESE CLEAR DIMENSIONS.
- WALLS ON COLUMN LINES ARE CENTERED U.O.N.
- IT IS INTENDED THAT THE FACE OF EVERY CONTINUOUS PARTITION SHALL BE FLUSH WITHOUT OFFSETS. CHANGES IN PARTITION THICKNESS SHALL OCCUR ONLY AS INDICATED ON FLOOR PLANS.
- COORDINATE WITH SHOP DRAWINGS FOR LOCATIONS AND SIZES OF EQUIPMENT AND HOUSEKEEPING CONCRETE PADS.
- SEE DOOR SCHEDULE FOR DOORS AND FRAMES REQUIRING PREPARATION FOR CONDUIT FOR CARD ACCESS, ALARM AND SECURITY SYSTEMS
- ALL EXPOSED SURFACES OF PARTITIONS ARE TO BE PAINTED U.O.N.
- PROVIDE FIRE RETARDANT BLOCKING IN ALL WALLS FOR ALL WALL-MOUNTED ITEMS. COORDINATE WITH ARCHITECTURAL AND MEPPF DRAWINGS.
- REFER TO STRUCTURAL DRAWINGS FOR LINTEL SCHEDULE AND PLANS.
- WALL TYPES MARKED "STC" ARE SOUND ATTENUATING AND 1 HR FIRE RATED
- SOUND ATTENUATION FIRE BATT (SAFB) INSULATION TO BE PROVIDED AT INTERIOR STUD WALLS AS NOTED ON FIRST FLOOR ROOM SCHEDULE
- COORDINATE EXACT ELECTRICAL FLOOR BOX LOCATIONS WITH OWNER PRIOR TO SLAB POUR.

KEYNOTES

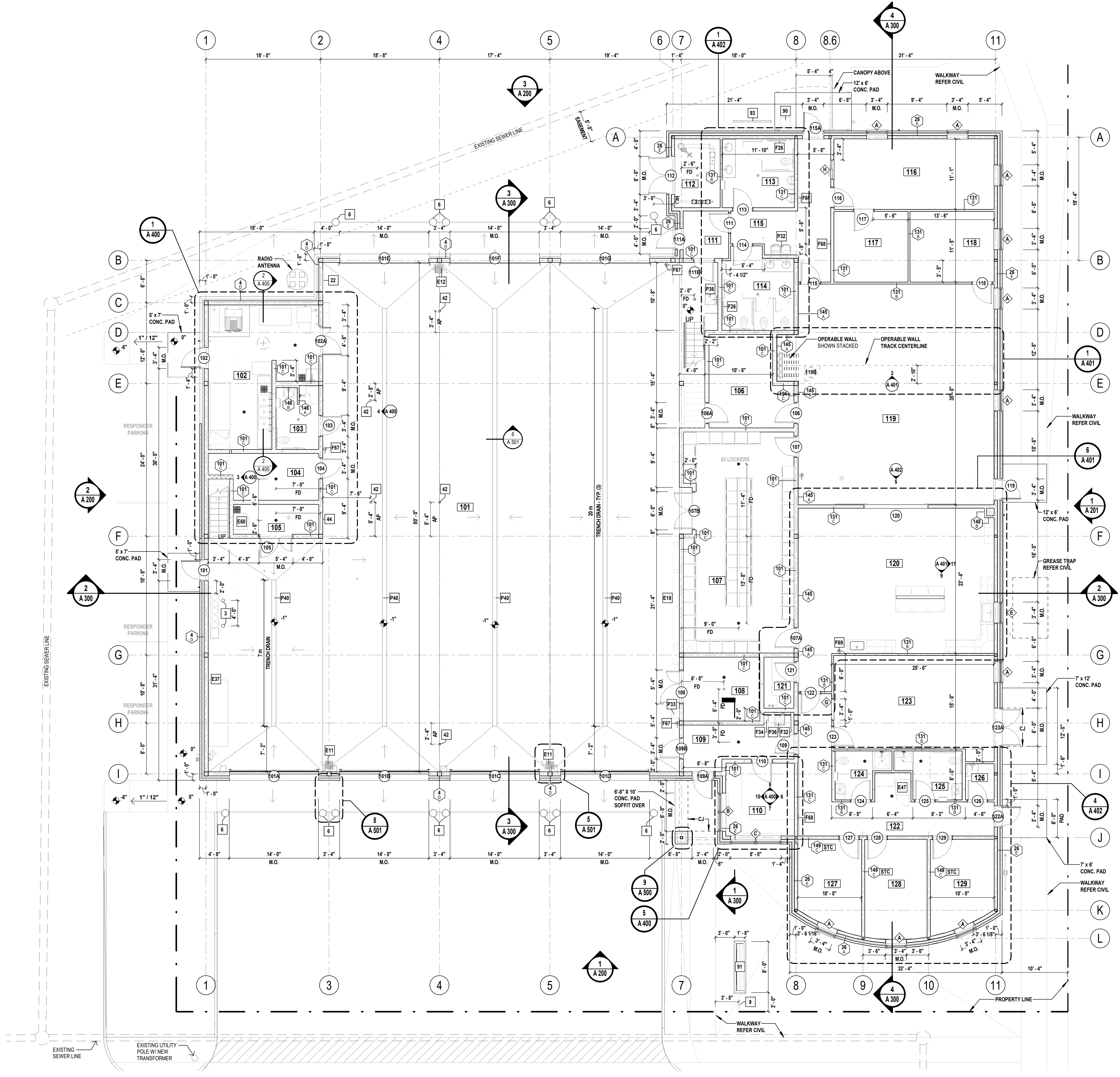
3	SURFACE MOUNTED BOLLARD
6	BOLLARD - PRECAST ARCHITECTURAL
9	FLAGPOLE - W/ TOP LIGHT
22	BROOM CENTER
42	ANCHOR POT (AP) - RECESSED IN FLOOR
44	D-RING - PLATE MOUNTED, 12" AFF TO BOTTOM OF PLATE
90	DELIVERY DROPBOX, (SECTION 107423)
91	MONUMENT SIGN - PERPENDICULAR TO BUILDING
93	BICYCLE RACK - SEE CIVIL DRAWINGS
E11	HOSE REEL - 75' - NON-COLLAPSIBLE 5/8" HOSE (75' MAX)
E12	HOSE REEL - 100' - NON-COLLAPSIBLE 5/8" HOSE
E18	HOSE DRYER - MOBILE, W/ WINDER AND REMOVEABLE HANDLE (NIC)
E37	OXYGEN CASCADE, MOBILE, W/ 18" X 7'-6" X 4" (NIC)
E47	RESIDENTIAL WASHER/ DRYER COMBO, STACKED (NIC)
E60	ICE MACHINE - GRAVITY DRAIN LINE W/ VENT LEG TO EXTRACTOR FLOOR SINK CW CONNECTION, 3/8" WATER INLET, 7/16" I.D. DRAIN LINES, WATER COOLED (NIC)
F26	BABY CHANGING STATION - 27" AFF, SURFACE MOUNTED
F32	SOAP DISPENSER - WALL MOUNTED
F34	PAPER TOWEL DISPENSER - RECESSED - TOP OF PAPER TOWEL OPENING @ 42" AFF
F66	DEFIBRILLATOR CABINET
F67	FIRE EXTINGUISHER - SURFACE MOUNTED
F68	FIRE EXTINGUISHER - RECESSED CABINET, TYPE FEC-1
F69	FIRE EXTINGUISHER - SURFACE MOUNTED (K), TYPE FE-2
P32	DRINKING FOUNTAIN - SPOUT OUTLET MAX 36" AFF
P33	EMERGENCY EYEWASH, CARTRIDGE TYPE
P36	WASH SINK
P40	TRENCH DRAIN - 0.6% SLOPE BUILT IN BY GC

FIRST FLOOR ROOM SCHEDULE

#	Name	Area	SAFB INS.
FIRST FLOOR			
101	APPARATUS BAYS	5306 SF	
102	DECON / SCBA ROOM	314 SF	
103	BAY TOILET	65 SF	
104	EMS STORAGE	112 SF	
105	ICE COOLERS AND WATER STORAGE	63 SF	
106	TABLES, CHAIRS AND PANTRY	170 SF	
107	TURNOUT GEAR	586 SF	
108	WORKSHOP	121 SF	
109	BAY TRANSITION	114 SF	
110	RADIO / COMMUNICATIONS	122 SF	
111	VESTIBULE	52 SF	
112	RPZ ROOM	76 SF	
113	MEN'S RESTROOM	121 SF	Yes

FIRST FLOOR ROOM SCHEDULE

#	Name	Area	SAFB INS.
114	WOMEN'S RESTROOM	137 SF	Yes
115	PUBLIC CORRIDOR	175 SF	
116	FIRE PREVENTION OFFICE	275 SF	Yes
117	SENIOR STAFF OFFICE	127 SF	Yes
118	EOC	144 SF	Yes
119	TRAINING/ MULTI-PURPOSE	1082 SF	
120	KITCHEN / DAY ROOM	720 SF	
121	STORAGE	38 SF	
122	CORRIDOR	275 SF	
123	EXERCISE ROOM	375 SF	Yes
124	SINGLE OCC. TOILET	53 SF	Yes
125	SINGLE OCC. TOILET	67 SF	Yes
126	J.C.	25 SF	
127	BUNK ROOM	133 SF	Yes
128	BUNK ROOM	151 SF	Yes
129	BUNK ROOM	133 SF	Yes



1 MAIN BUILDING - FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"

CONSULTANTS:

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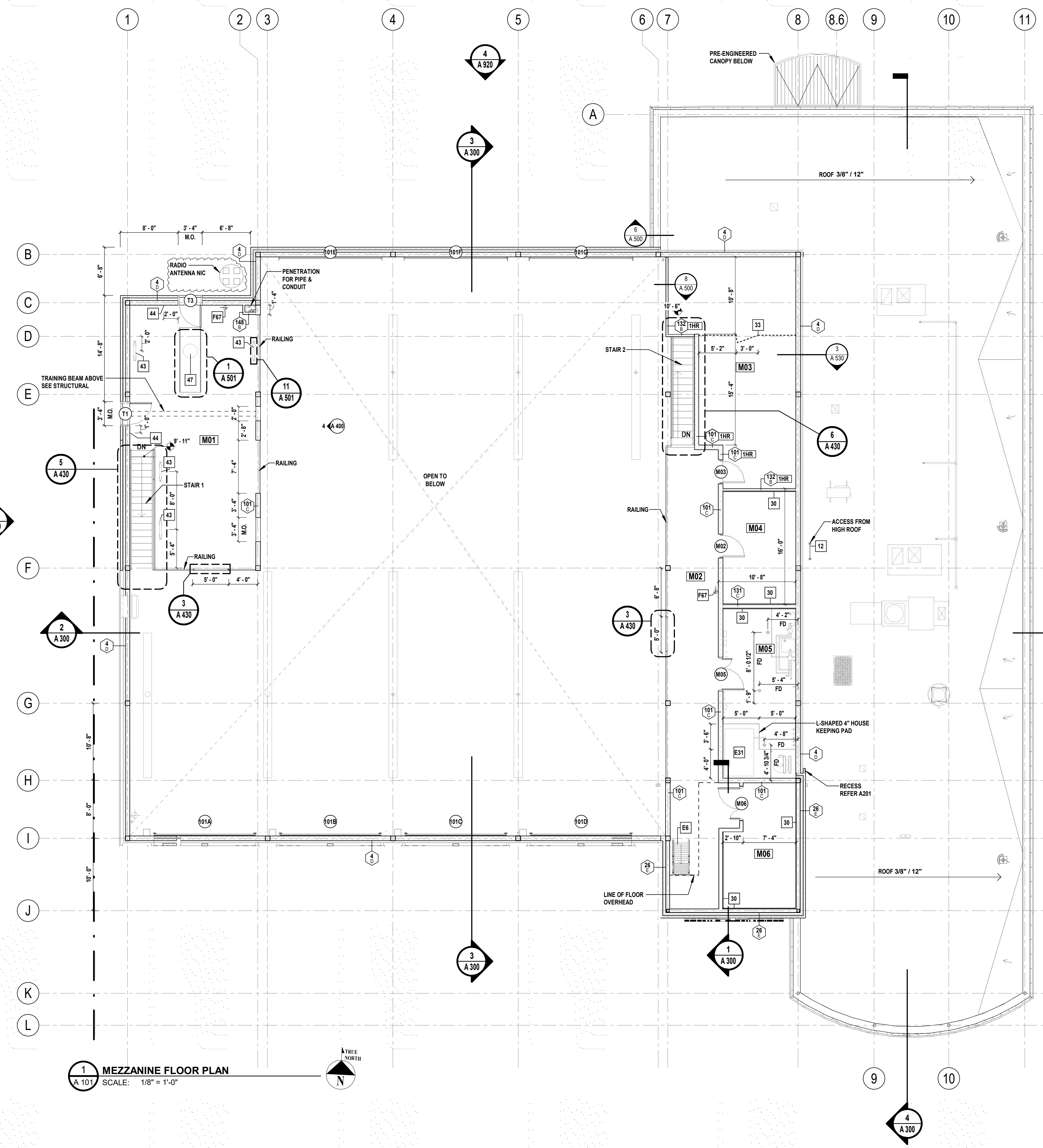


**1 SAFETY PLACE
 METUCHEN, NJ 08840
 BOROUGH OF METUCHEN
 COUNTY OF MIDDLESEX
 NEW JERSEY**

STATUS **90% - NFC**

SHEET TITLE
MEZZANINE FLOOR PLAN

DRAWING No. **A 101.00**

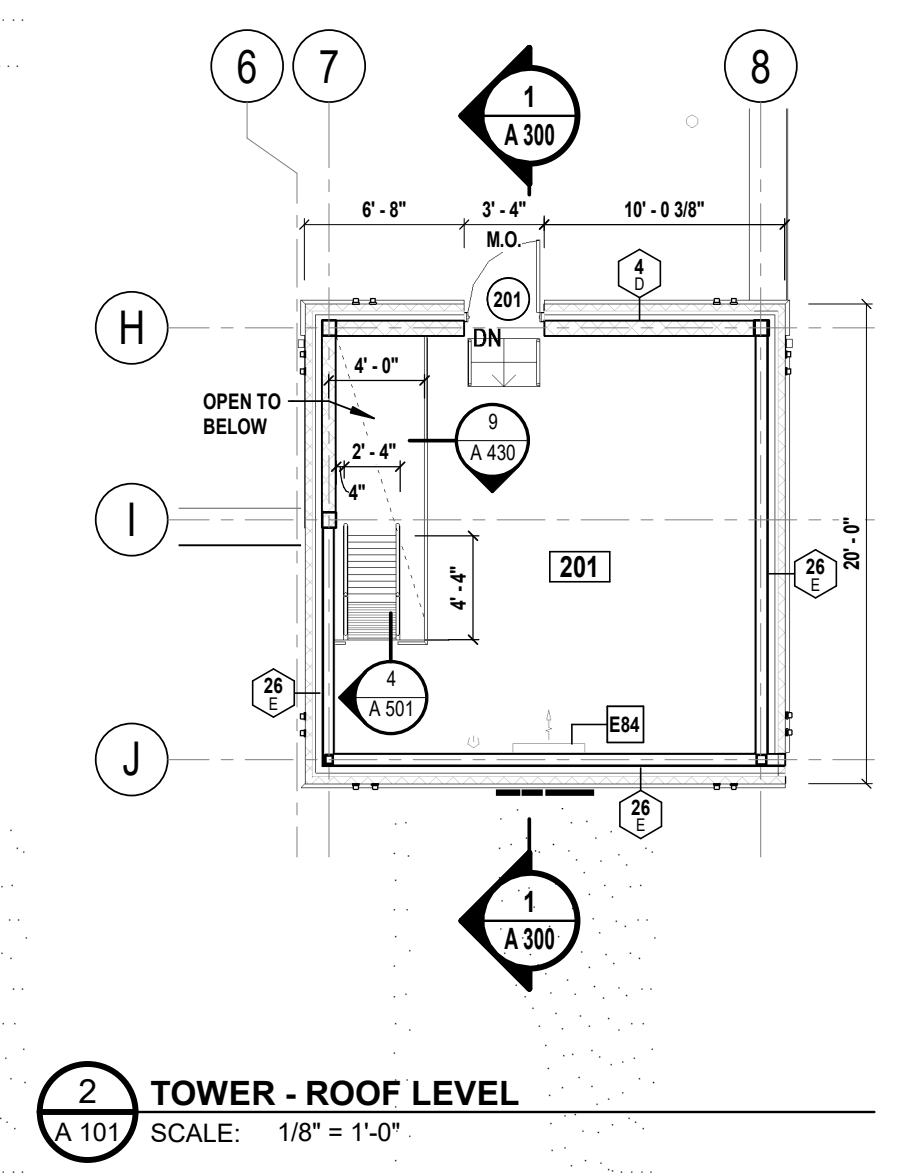


KEYNOTES

12	ROOF ACCESS LADDER
30	3/4" FR PLYWOOD BACK-BOARD, 72" HIGH, 18" AFF (FULL WIDTH OF WALL. PAINT PRIOR TO PANEL MOUNTING)
33	WIRE MESH PARTITION
43	TIE-OFF RAIL - FLOOR MOUNTED
44	D-RING - PLATE MOUNTED, 12" AFF TO BOTTOM OF PLATE
47	MANHOLE COVER
E6	SHIPS LADDER - 75A"
E31	COMPRESSOR - HOUSE AIR, COMPRESSED AIR FOR TOOLS AND VEHICLES. HOUSEKEEPING PAD. NEEDS FLOOR DRAIN (NIC)
E84	CABINET UNIT HEATER - RECESSED
F67	FIRE EXTINGUISHER - SURFACE MOUNTED

ROOM SCHEDULE - MEZZANINE

Number	Name
M01	TRAINING MEZZANINE
M02	UTILITY MEZZANINE
M03	QUARTERMASTER / RECORD STORAGE
M04	I.T.
M05	MECHANICAL ROOM
M06	ELECTRICAL ROOM



1 MEZZANINE FLOOR PLAN
 SCALE: 1/8" = 1'-0"

H2M Architects & Engineers, Inc.
119 Cherry Hill Road, Suite 110
Parsippany, NJ 07054
862.207.5900 • www.h2m.com
NJ Architecture Certificate of Authorization No.: 21AC00402200
NJ Engineering Certificate of Authorization No.: 24GA28025500

CONSULTANTS:

MARK	DATE	DESCRIPTION
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CHECKED BY:				
REVIEWED BY:				

PROJECT No: BOME2201 DATE: MAR 12, 2024 SCALE: AS SHOWN

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1 SAFETY PLACE
METUCHEN, NJ 08840
BOROUGH OF MIDDLESEX
NEW JERSEY

STATUS: 90% - NFC

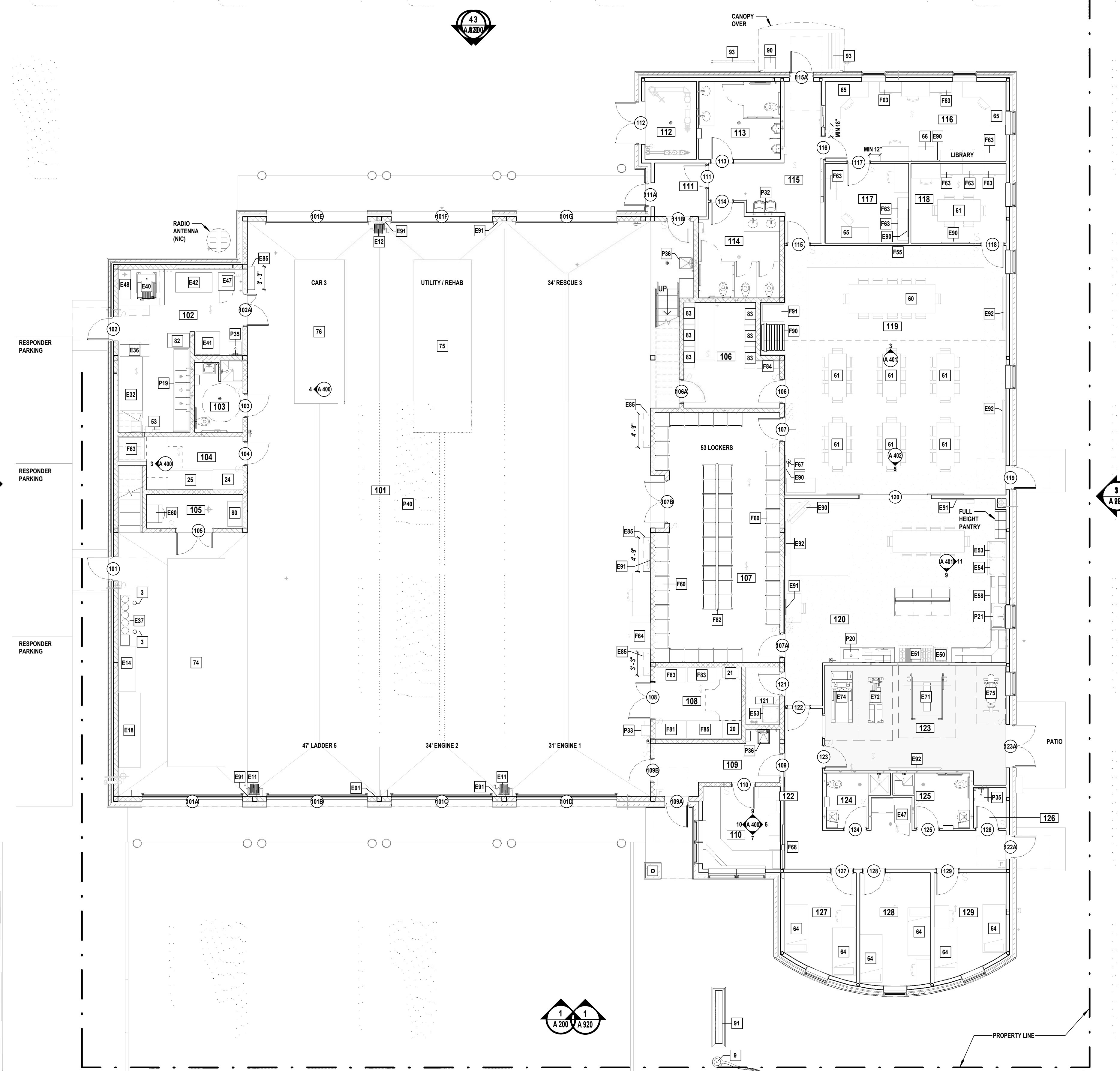
SHEET TITLE: FIRST FLOOR FF&E PLAN

DRAWING No. **A 110.00**

FIRST FLOOR ROOM SCHEDULE			
#	Name	Area	SAFB INS.
FIRST FLOOR			
101	APPARATUS BAYS	5306 SF	
102	DECON / SCBA ROOM	314 SF	
103	BAY TOILET	65 SF	
104	EMS STORAGE	112 SF	
105	ICE COOLERS AND WATER STORAGE	63 SF	
106	TABLES, CHAIRS AND PANTRY	170 SF	
107	TURNOUT GEAR	586 SF	
108	WORKSHOP	121 SF	
109	BAY TRANSITION	114 SF	
110	RADIO / COMMUNICATIONS	122 SF	
111	VESTIBULE	52 SF	
112	RPZ ROOM	76 SF	
113	MEN'S RESTROOM	121 SF	Yes

FIRST FLOOR ROOM SCHEDULE			
#	Name	Area	SAFB INS.
114	WOMENS RESTROOM	137 SF	Yes
115	PUBLIC CORRIDOR	175 SF	
116	FIRE PREVENTION / OFFICE	275 SF	Yes
117	SENIOR STAFF OFFICE	127 SF	Yes
118	EOC	144 SF	Yes
119	TRAINING/ MULTI-PURPOSE	1082 SF	
120	KITCHEN / DAY ROOM	720 SF	
121	STORAGE	38 SF	
122	CORRIDOR	275 SF	
123	EXERCISE ROOM	375 SF	Yes
124	SINGLE OCC. TOILET	53 SF	Yes
125	SINGLE OCC. TOILET	67 SF	Yes
126	J.C.	25 SF	
127	BUNK ROOM	133 SF	Yes
128	BUNK ROOM	151 SF	Yes
129	BUNK ROOM	133 SF	Yes

KEYNOTES	
3	SURFACE MOUNTED BOLLARD
9	FLAGPOLE - W/ TOP LIGHT
20	TOOL BENCH (NIC)
21	TOOL CHEST - 26" WIDE 5-DRAWER ROLLING TOOL CABINET (NIC)
24	GO BAG RACKS - SUFFOLK SYSTEM - STORES UP TO 36 CYLINDERS, STORES UP TO FOUR LARGE DUTY BAGS, FOUR POINT LOCKING SYSTEM (NIC)
25	GO BAG RACKS - SEATTLE SYSTEM - MOBILE OR FLOOR MOUNT. (3) 24" OPENINGS PER UNIT, OUTFIT WITH SHELVES OR HANGBARS (NIC)
53	SHARPS CONTAINER - WALL MOUNTED (NIC)
60	CONFERENCE TABLE & CHAIRS (NIC)
61	TABLE & CHAIRS (NIC)
64	TWIN BED (NIC)
65	OFFICE DESK (NIC)
66	PRINTER/ COPIER (NIC)
74	AMBULANCE - AMBULANCE (EMS M5) (NIC)
75	UTILITY VEHICLE - UTILITY/REHAB VEHICLE (NIC)
76	VEHICLE - CAR 3 (NIC)
80	WIRE RACK - 4W X 2' D (NIC)
82	S.S. TABLE
83	SHELVING (NIC)
90	DELIVERY DROPBOX, (SECTION 107423)
91	MONUMENT SIGN - PERPENDICULAR TO BUILDING
93	BICYCLE RACK - SEE CIVIL DRAWINGS
E11	HOSE REEL - 75' - NON-COLLAPSIBLE 5/8" HOSE (75' MAX)
E12	HOSE REEL - 100' - NON-COLLAPSIBLE 5/8" HOSE
E14	MOBILE HOSE SYSTEM - HEAVY DUTY, W/ (9) HOSE SHELVES (NIC)
E18	HOSE DRYER - MOBILE, W/ WINDER AND REMOVEABLE HANDLE (NIC)
E32	COMPRESSOR - SCBA, MAY REQUIRE PIPED FRESH AIR INTAKE. (NIC)
E36	SCBA BOTTLE STORAGE - MINI MOBILE, (24) BOTTLE/ (8) BOTTLE SHELVES (NIC)
E37	OXYGEN CASCADE. MOBILE, W/ 18" X 7'- 6" X 4" (NIC)
E40	GEAR EXTRACTOR, ON ISOLATED SLAB. SURFACE MTD LINTTRAP/FLOOR SINK. PROVIDE 2 HOT AND 2 COLD WATER 3/4" CONNECTIONS. (NIC)
E41	GEAR WASHER - FOR MASK & HELMET (NIC). WALL MTD DISCONNECT FOR POWER SUPPLY. PROVIDE FLOOR SINK W/ 3/4 GRATE. REQUIRES (2) 3/4" HW FEEDS AND (2) 3/4" CW FEEDS. TERMINATE IN HOSE CONNECTION. (NIC)
E42	GEAR DRYER - PPE DRYING CABINET (NIC)
E47	RESIDENTIAL WASHER/ DRYER COMBO, STACKED (NIC)
E48	LINT BOX - FLOOR MOUNTED
E50	GAS RANGE. 24" WIDE (NIC)
E51	GAS RANGE & GRIDDLE, 60" WIDE (NIC)
E53	COMMERCIAL FREEZER (NIC)
E54	COMMERCIAL REFRIGERATOR (NIC)
E58	DISHWASHER - UNDERCOUNTER (NIC)
E60	ICE MACHINE - GRAVITY DRAIN LINE W/ VENT LEG TO EXTRACTOR FLOOR SINK CW CONNECTION. 3/8" WATER INLET, 7/16" I.D. DRAIN LINES. WATER COOLED (NIC)
E71	BENCH PRESS (NIC)
E72	UNIVERSAL (NIC)
E74	TREADMILL (NIC)
E75	PELTON (NIC)
E85	MANIFOLD CABINET
E90	TV WALL MOUNT - FULL MOTION, TYPE C
E91	TV WALL MOUNT - TILT, TYPE A
E92	TV WALL MOUNT - LARGE FULL MOTION, TYPE B
F55	PROJECTOR SCREEN - WALL MOUNTED (NIC)
F60	GEAR LOCKER - GEAR HANGER 24" SS HORIZONTAL HANGING BAR, SECURE BOX WITH MESSAGE SLOT, POWER BAR RAIL
F63	STORAGE CABINET (NIC)
F64	FLAMMABLE STORAGE CABINET - (2) 2" VENT CONNECTIONS. ROUTE VENTS TO EXTERIOR, 4" ADJUSTABLE LEGS (NIC)
F67	FIRE EXTINGUISHER - SURFACE MOUNTED
F68	FIRE EXTINGUISHER - RECESSED CABINET, TYPE FEC-1
F81	SLINGER WORKSTATION - FIRE AND EMS (NIC)
F82	FREE-STANDING TUBE WALL STRUCTURE - W/ POWER BAR
F83	WIRE RACK
F84	WALL SHELF - 36" X 12"
F85	DRILL PRESS (NIC)
F90	OPERABLE PARTITION - WALL (NIC)
F91	VENDING MACHINE - SLIM (NIC)
P19	SCULLERY SINK - TRIPLE BOWL SINK W/ SIDEBOARDS
P20	S.S. SINK - UNDERMOUNT
P21	S.S. SINK - DROP IN
P32	DRINKING FOUNTAIN - SPOUT OUTLET MAX 36" AFF
P33	EMERGENCY EYEWASH, CARTRIDGE TYPE
P35	MOP SERVICE BASIN
P36	WASH SINK
P40	TRENCH DRAIN - 0.6% SLOPE BUILT IN BY GC



1 FIRST FLOOR FF&E PLAN
SCALE: 1/8" = 1'-0"

ESSEX AVE

ROOM SCHEDULE		
FIRST FLOOR		
101	APPARATUS BAYS	5306 SF
102	DECON / SCBA ROOM	314 SF
103	BAY TOILET	65 SF
104	EMS STORAGE	112 SF
105	ICE COOLERS AND WATER STORAGE	63 SF
106	TABLES, CHAIRS AND PANTRY	170 SF
107	TURNOUT GEAR	586 SF
108	WORKSHOP	121 SF
109	BAY TRANSITION	114 SF
110	RADIO / COMMUNICATIONS	122 SF
111	VESTIBULE	52 SF
112	RPZ ROOM	76 SF
113	MEN'S RESTROOM	121 SF
114	WOMEN'S RESTROOM	137 SF
115	PUBLIC CORRIDOR	175 SF
116	FIRE PREVENTION OFFICE	275 SF
117	SENIOR STAFF OFFICE	127 SF
118	EOC	144 SF
119	TRAINING/MULTI-PURPOSE	1082 SF

ROOM SCHEDULE		
120	KITCHEN / DAY ROOM	720 SF
121	STORAGE	38 SF
122	CORRIDOR	275 SF
123	EXERCISE ROOM	375 SF
124	SINGLE OCC. TOILET	53 SF
125	SINGLE OCC. TOILET	67 SF
126	J.C.	25 SF
127	BUNK ROOM	133 SF
128	BUNK ROOM	151 SF
129	BUNK ROOM	133 SF
MEZZANINE 1		
M01	TRAINING MEZZANINE	594 SF
MEZZANINE 2		
M02	UTILITY MEZZANINE	475 SF
M03	QUARTERMASTER / RECORD STORAGE	453 SF
M04	I.T.	156 SF
M05	MECHANICAL ROOM	235 SF
M06	ELECTRICAL ROOM	153 SF
T.O.M. 3		
201	TOWER ROOF ACCESS LEVEL	302 SF

REFLECTED CEILING PLAN NOTES

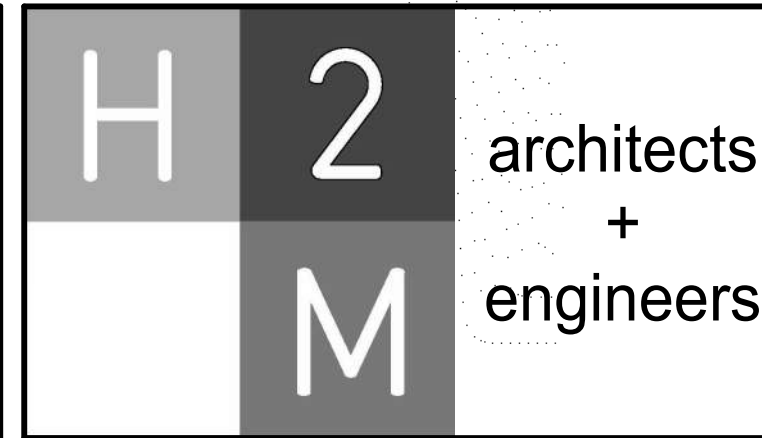
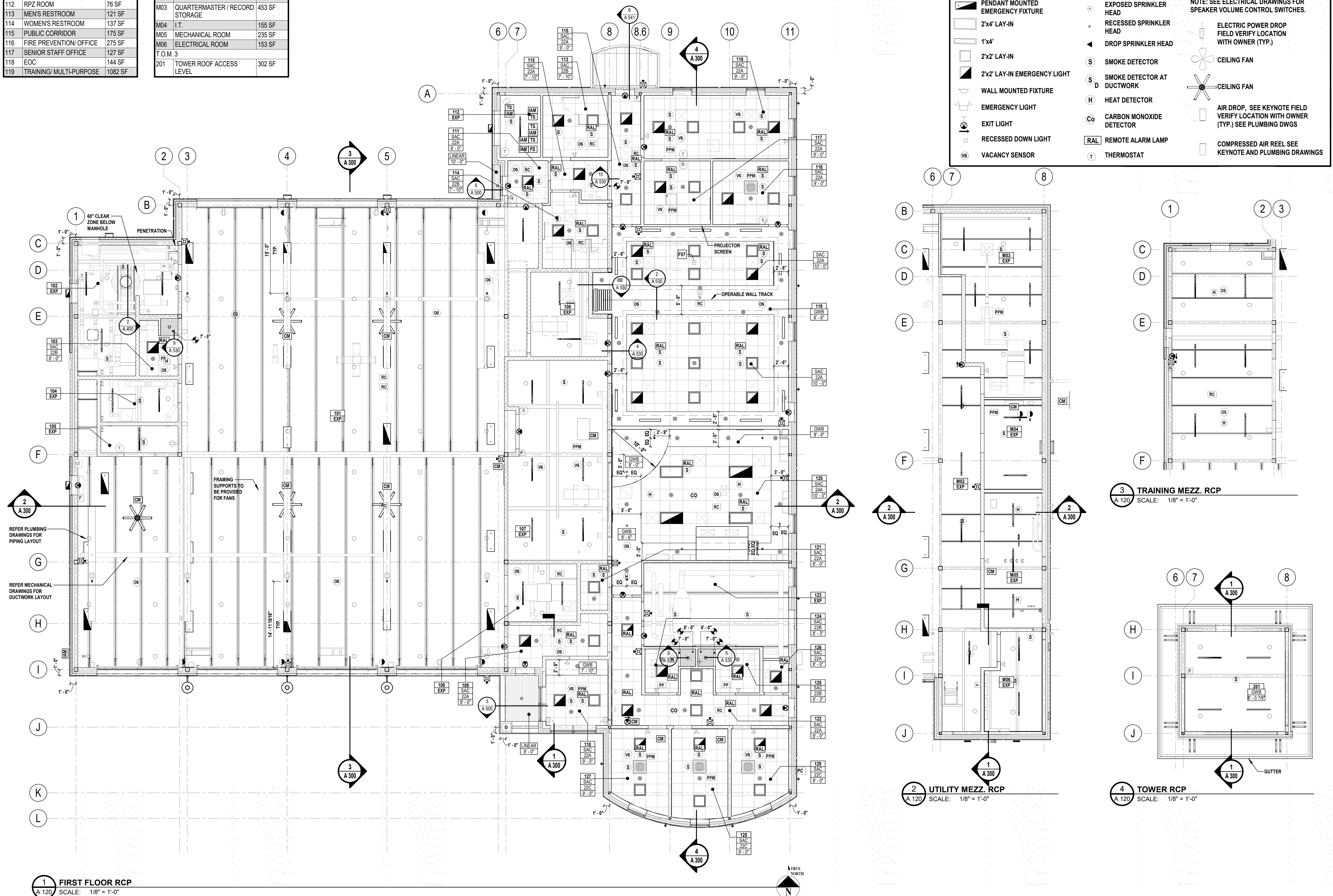
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- EXPOSED CEILINGS SHALL BE PAINTED. THIS INCLUDES ALL STRUCTURAL STEEL, METAL DECK, CONDUITS, PIPING, DUCTWORK, & ANY OTHER ITEMS FASTENED OR SUSPENDED FROM CEILING U.O.N.
- ALL INTERIOR PARTITIONS TO EXTEND TO UNDERSIDE OF DECK, TYP.

KEYNOTES

F57 PROJECTOR MOUNT - CEILING MOUNTED, CONFIRM FINAL LOCATION W/ OWNER

REFLECTED CEILING LEGEND (NOT ALL SYMBOLS MAY BE USED)

GENERAL:	EXP = EXPOSED	ME&P:	
###	ROOM #	CLG. DIFFUSER AIR GRILLE	PPM
SAC	CEILING MATERIAL	CLG. RETURN AIR GRILLE	CM
22B	SAC TYPE	EXHAUST AIR GRILLE	S
8'-0"	CEILING HEIGHT	CLG. HVAC UNIT SEE MECH. DWGS	SS
		AIR HANDLING UNIT	FSA
		SUPPLY DUCT RISE	WALL MOUNTED SPEAKERWALL
LIGHTING:		EXPOSED SPRINKLER HEAD	SEE ELECTRICAL PLANS FOR TYPE.
W	WALL MOUNTED FIXTURE	RECESSED SPRINKLER HEAD	ELECTRIC POWER DROP FIELD VERIFY LOCATION WITH OWNER (TYP.)
S	SURFACE MOUNTED FIXTURE	DROP SPRINKLER HEAD	
P	PENDANT MOUNTED FIXTURE	SMOKE DETECTOR	CEILING FAN
EM	EMERGENCY FIXTURE	SMOKE DETECTOR AT DUCTWORK	CEILING FAN
2'x4'	LAY-IN	H	HEAT DETECTOR
1'x4'	LAY-IN	CO	CARBON MONOXIDE DETECTOR
2'x2'	LAY-IN EMERGENCY LIGHT	RAL	REMOTE ALARM LAMP
W	WALL MOUNTED FIXTURE	T	THERMOSTAT
EM	EMERGENCY LIGHT		
RL	RECESSED DOWN LIGHT		
VS	VACANCY SENSOR		



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PROJECT No.:	BOME2201	DATE:	MAR 12, 2024	SCALE:	AS SHOWN		

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SHEET TITLE REFLECTED CEILING PLANS

DRAWING No. **A 120.00**

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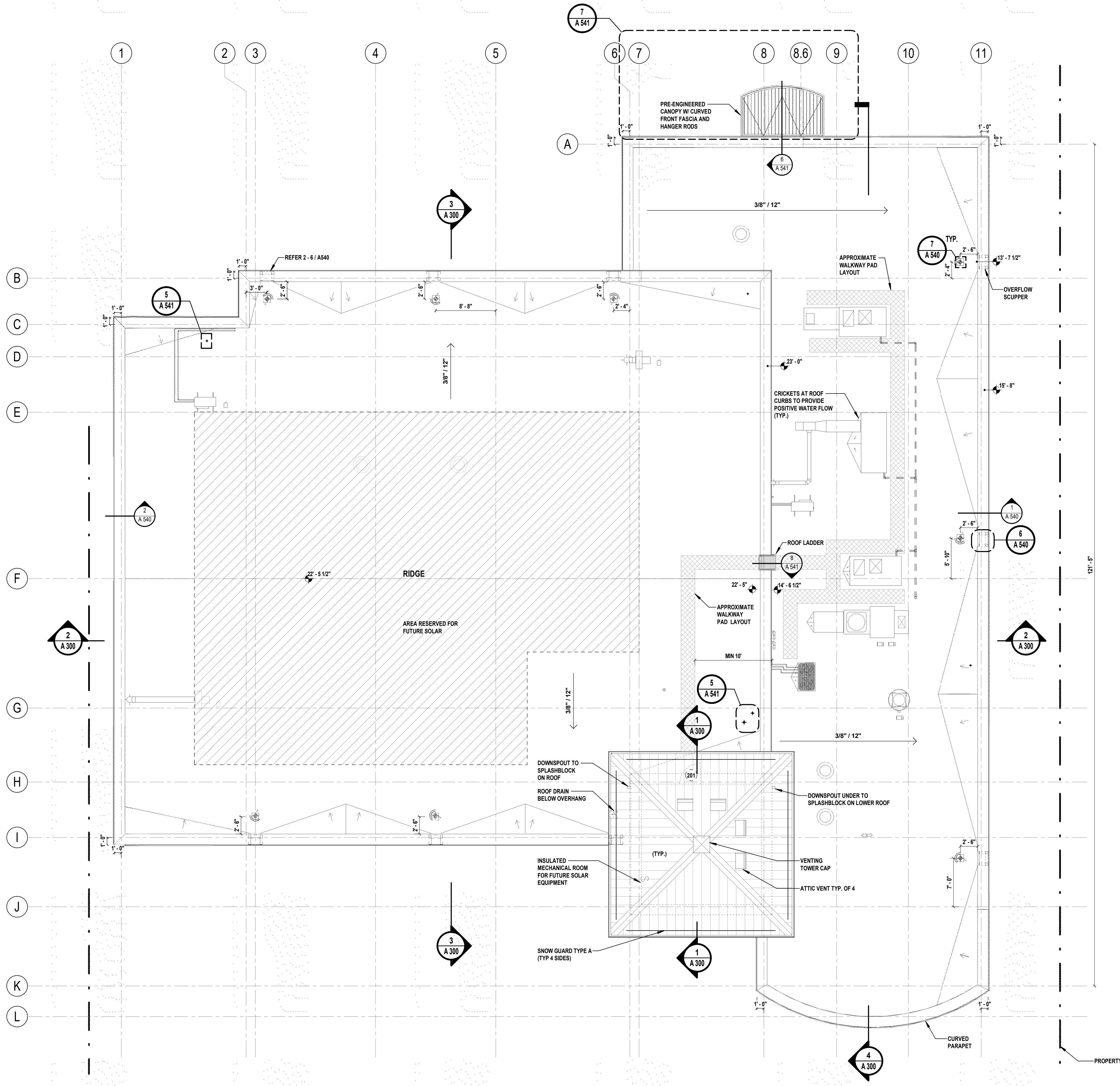
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SHEET TITLE
ROOF PLAN

DRAWING No. **A 130.00**

ROOF LEGEND		
(NOT ALL SYMBOLS MAY BE USED)		
	EXHAUST FAN	REFER TO MECHANICAL FOR FURTHER DETAIL
	ROOF DRAIN	
	PIPE VENT, TYP.	REFER TO PLUMBING
	CONDENSING UNIT	REFER TO MECHANICAL
	ROOF CRICKET	W/ TAPERED INSULATION TO ACHIEVE 14" : 12" ACTUAL SLOPE
	ROOF WALKWAY PAD	33" X 33" OVER ROOF SYSTEM, INDICATIVE FOR ROOF PATCH & EQUIPMENT
	DIRECTION OF SLOPE	
	ROOF TOP UNIT	REFER TO STRUCTURAL FOR RTU SUPPORT
	GAS PIPING	REFER TO PLUMBING
	CONDENSING UNIT PIPING	REFER TO MECHANICAL

- ROOF GENERAL NOTES:**
- THIS DRAWING SERVES AS A DEPICTION OF PRINCIPAL ROOFING ITEMS AND IS NOT A COMPLETE LIST OF EVERY ROOFING ITEM AND ACCESSORY. THIS DRAWING MUST BE COORDINATED WITH ALL OTHER DRAWINGS, ROOF DETAILS AND WITH ALL ITEMS SPECIFIED.
 - CONTRACT 'G' IS RESPONSIBLE FOR PROVIDING ALL MATERIALS, LABOR, ROOFING ITEMS AND ACCESSORIES REQUIRED FOR A COMPLETE, WEATHER TIGHT AND WARRANTED INSTALLATION WHETHER OR NOT ITEMS MAY BE INDICATED ON THE DRAWINGS.
 - THESE DRAWINGS ARE PART OF THE CONSTRUCTION DOCUMENTS AND ARE FOR THE GENERAL LAYOUT, DIMENSIONS, AND MATERIAL DETAILS OF THIS PROJECT. THEY ARE TO BE USED IN CONJUNCTION WITH THE REMAINDER OF THE ACCOMPANYING CONSTRUCTION DOCUMENTS.
 - COORDINATE AND VERIFY EXACT LOCATIONS OF PENETRATIONS TO BE MADE WITH ALL TRADES IN ALL ROOFS AND ROOF ASSEMBLIES.
 - CONTRACT 'G' SHALL REVIEW, COORDINATE, AND INSTALL SLEEVES AND LOCATE ALL MECHANICAL AND PLUMBING PENETRATIONS REQUIRED TO ACCOMMODATE ALL WORK DETAILED OR SPECIFIED.
 - CONTRACT 'G' IS RESPONSIBLE TO MAKE AND PROPERLY FLASH ALL ROOF PENETRATIONS. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL FLASHING FOR ALL ROOF PENETRATIONS IN ACCORDANCE WITH ROOFING MANUFACTURER'S WARRANTY REQUIREMENTS AND SPECIFICATIONS UNLESS OTHERWISE NOTED.
 - CONTRACT 'G' SHALL PROVIDE ALL TEMPORARY ROOF FLASHING WORK AS REQUIRED. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN A WEATHER TIGHT ROOF AT ALL TIMES.
 - PROVIDE MINIMUM ROOF PITCHES AS INDICATED ON PLAN.
 - PROVIDE CRICKETS BEHIND ALL ROOFING ITEMS TO PROVIDE PITCH AND PREVENT PONDING. MODIFY AREAS OF WORK AS NECESSARY TO KEEP POSITIVE DRAINAGE.
 - CONTRACT 'G' SHALL PROVIDE ADEQUATE TEMPORARY DRAINAGE FOR ALL PORTIONS OF THE ROOF, THROUGHOUT THE ENTIRE DURATION OF THE PROJECT.
 - CONTRACT 'M' SHALL FURNISH SLEEVES AND LOCATE ALL MECHANICAL PENETRATIONS REQUIRED TO ACCOMMODATE ALL WORK DETAILED OR SPECIFIED.
 - CONTRACT 'M' SHALL FURNISH ALL CURBS FOR EXHAUST FANS, AND HEATING/COOLING UNITS TO CONTRACT 'G' FOR INSTALLATION, FLASHING, AND INTEGRATING INTO ROOF SYSTEM.
 - ROOFING INSTALLATION SHALL INCLUDE PROVIDING ALL PENETRATIONS FOR ALL ITEMS NECESSARY, WHETHER SHOWN OR NOT, AND SHALL ALSO INCLUDE TERMINATIONS AND FLASHING AS REQUIRED TO PROVIDE WARRANTED SYSTEMS IN ACCORDANCE WITH THE SPECIFIED WARRANTY REQUIREMENTS.
 - CONTRACT 'G' IS RESPONSIBLE FOR ALL DAMAGES TO THE INTERIOR AND EXTERIOR OF THE BUILDING THAT RESULTED FROM AND DURING ROOFING INSTALLATION, INCLUDING BUT NOT LIMITED TO, ADHESIVE DRIPPINGS, WATER LEAKS, ETC.
 - CONTRACT 'G' SHALL PROVIDE AND INSTALL SNOW GUARDS AT ALL LOCATIONS SHOWN
 - AT ATTIC VENTS IN TOWER ROOF, CUT HOLES IN PLYWOOD ROOF SHEATHING AND METAL DECK TO PROVIDE APPROXIMATELY 120 SQ. IN. OF FREE AREA TO EACH ROOF VENT. DO NOT CUT ROOF RAFTERS. ATTIC VENT TO BE CENTERED ON ROOF PANEL SEAM.



1 ROOF PLAN - MAIN BUILDING
A 130 SCALE: 1/8" = 1'-0"

CONSULTANTS:

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SHEET TITLE
OUTBUILDING DRAWINGS

DRAWING No. **A 150.00**

ACMU LEGEND

ACMU1 - 16" x 8" x 12"
YORK BUILDING PRODUCTS: STANDARD SERIES - SMOOTH FACE - BUFF W/ INSULATION INSERT

ACMU2 - 16" x 8" x 12"
YORK BUILDING PRODUCTS: STANDARD SERIES - SPLIT FACE - CLARET W/ INSULATION INSERT

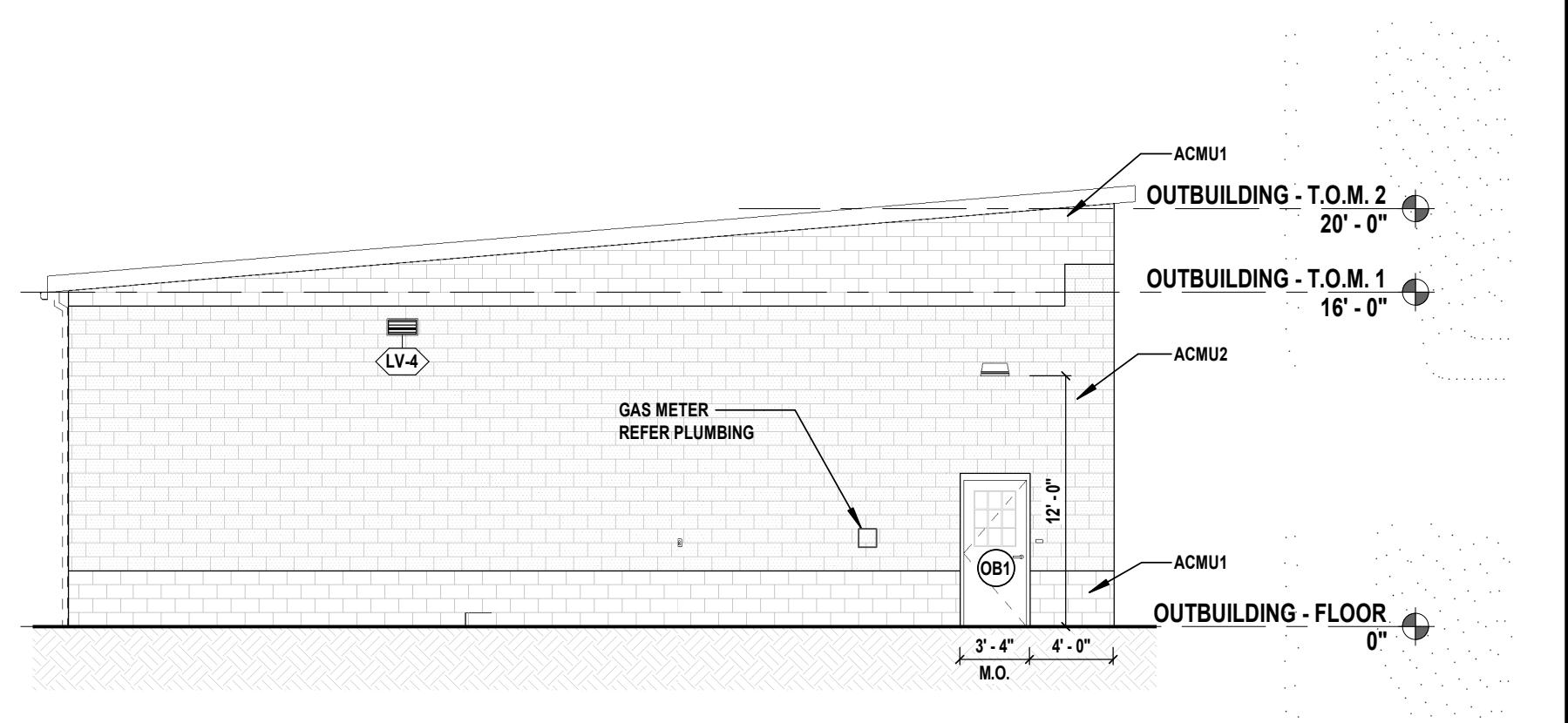
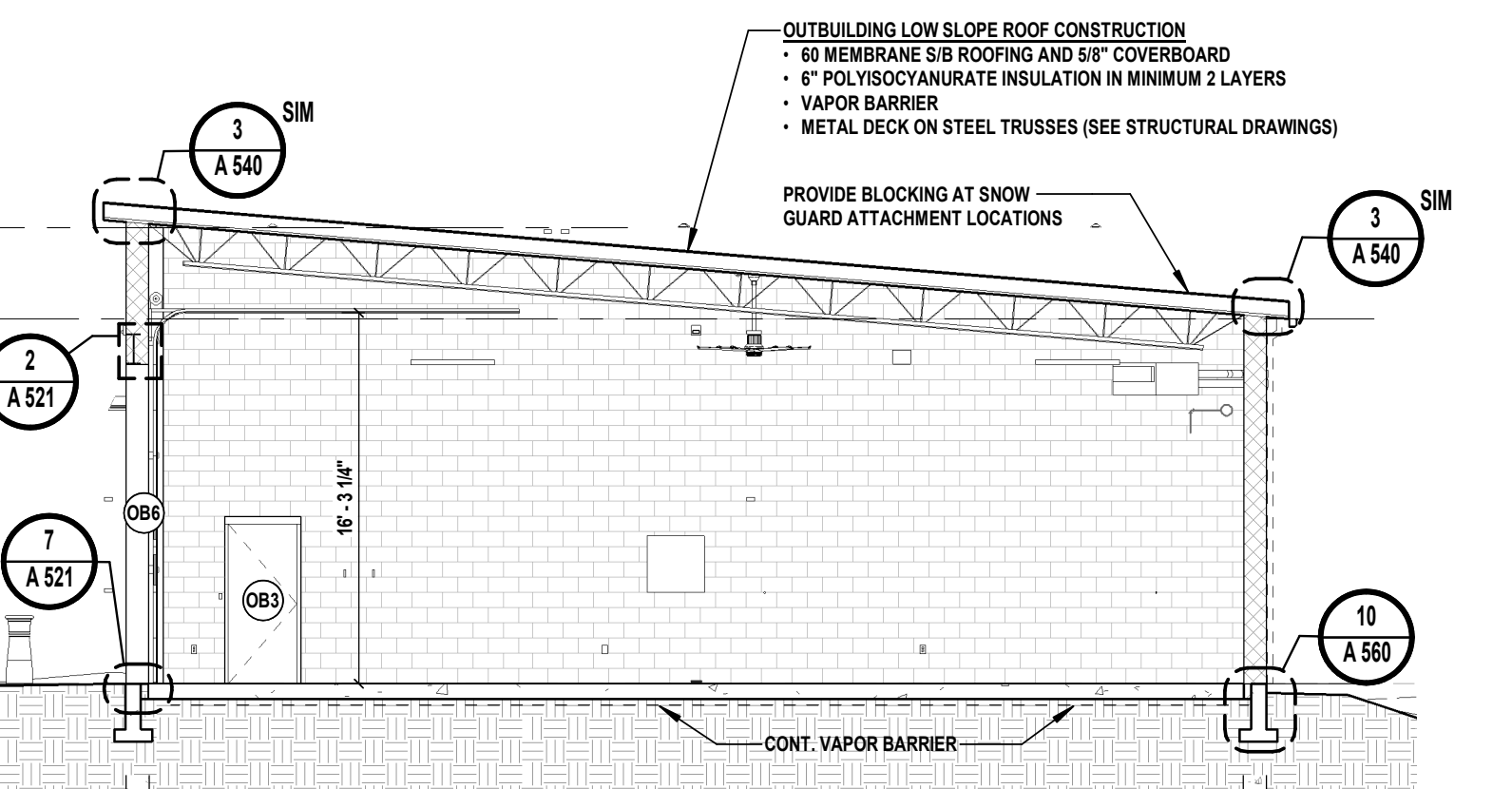
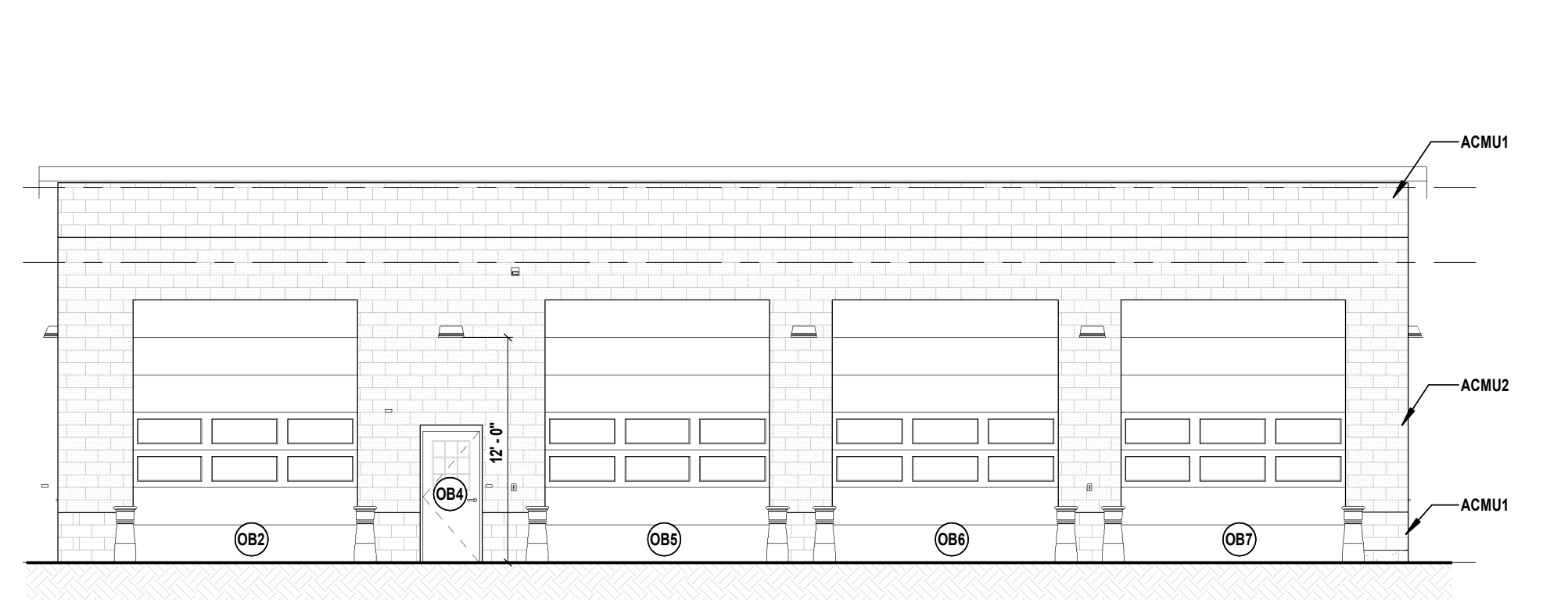
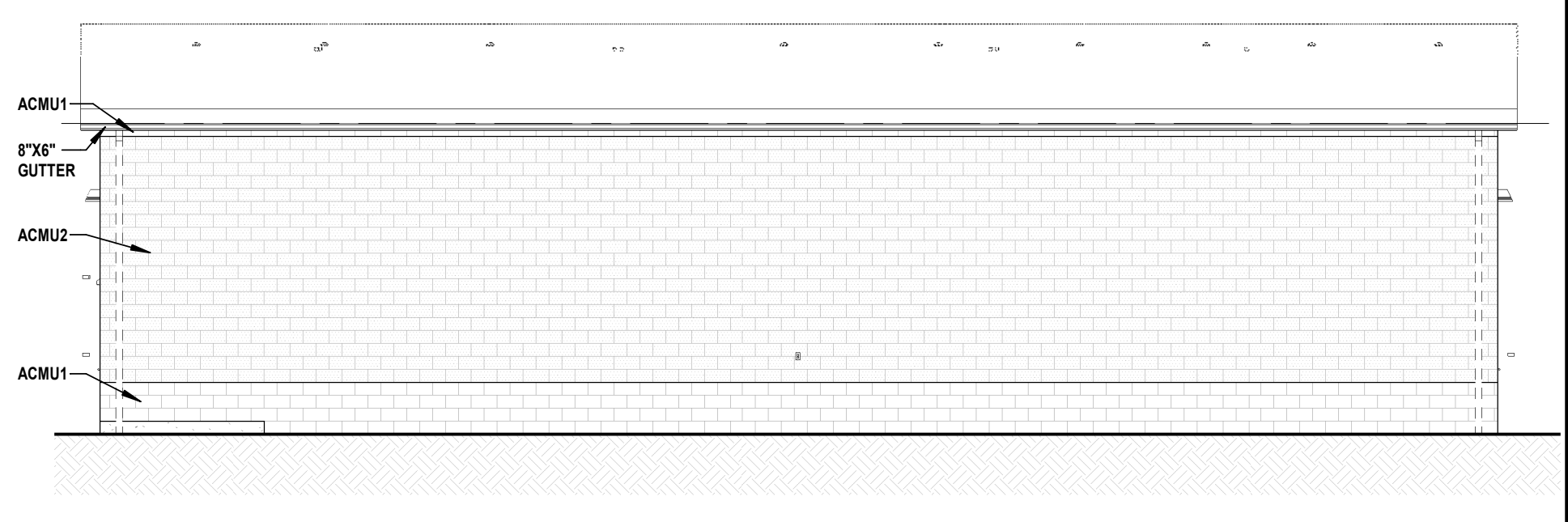
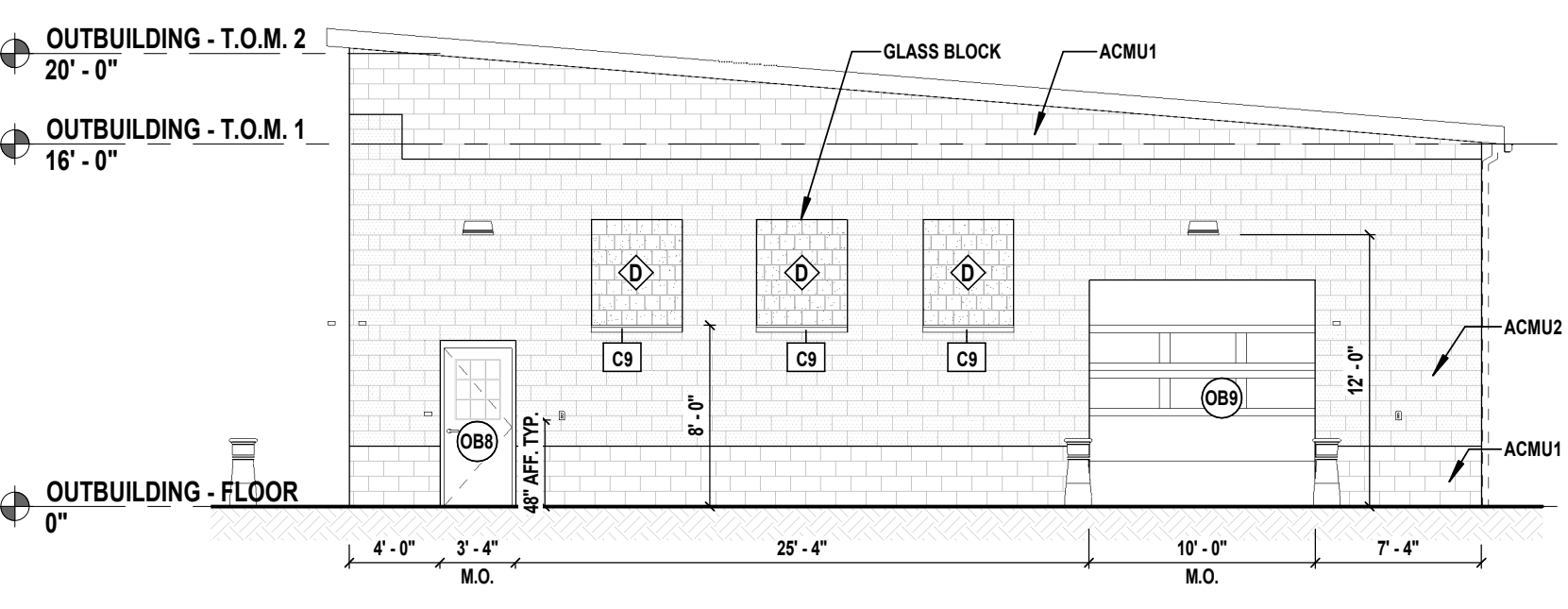
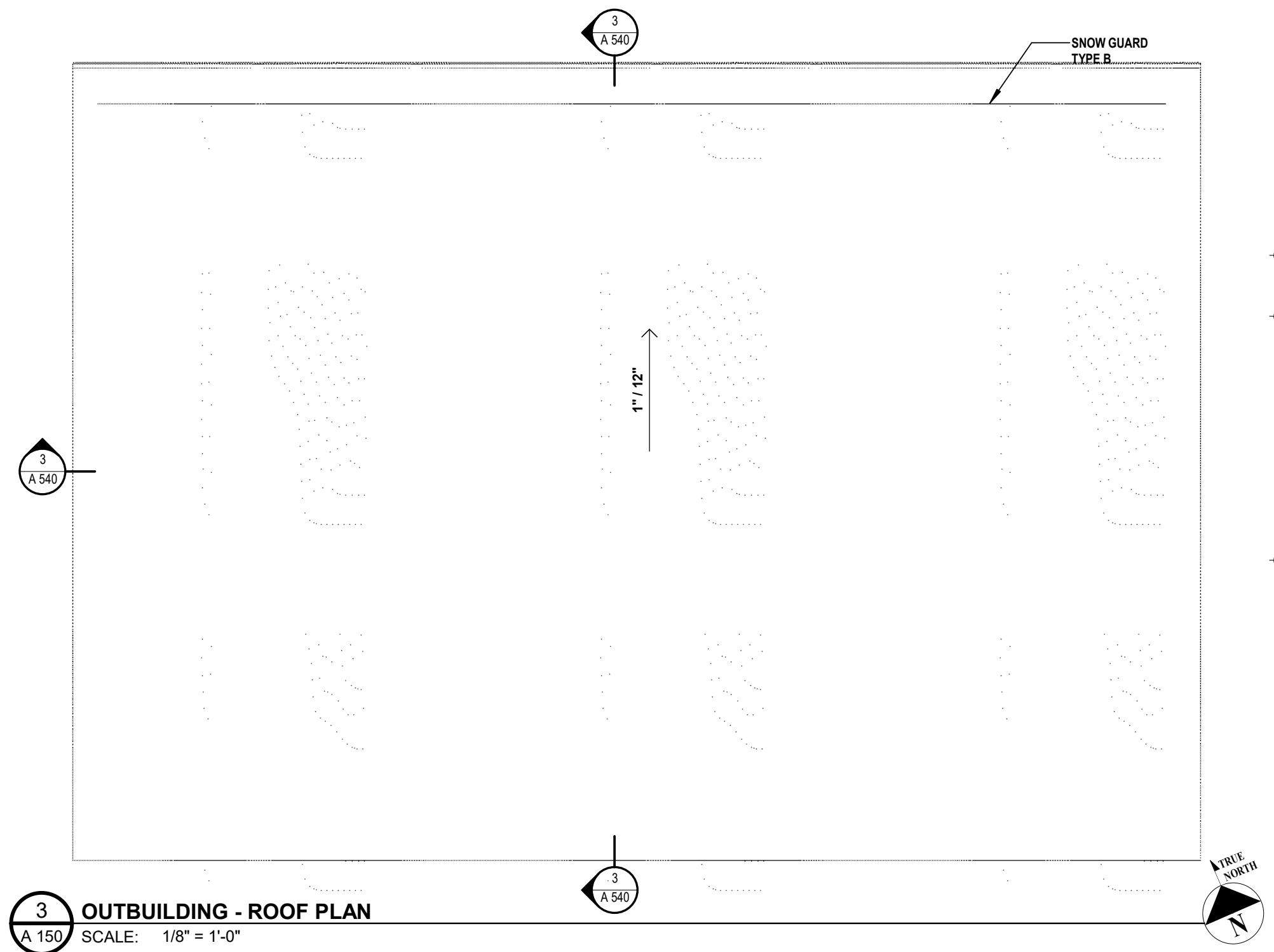
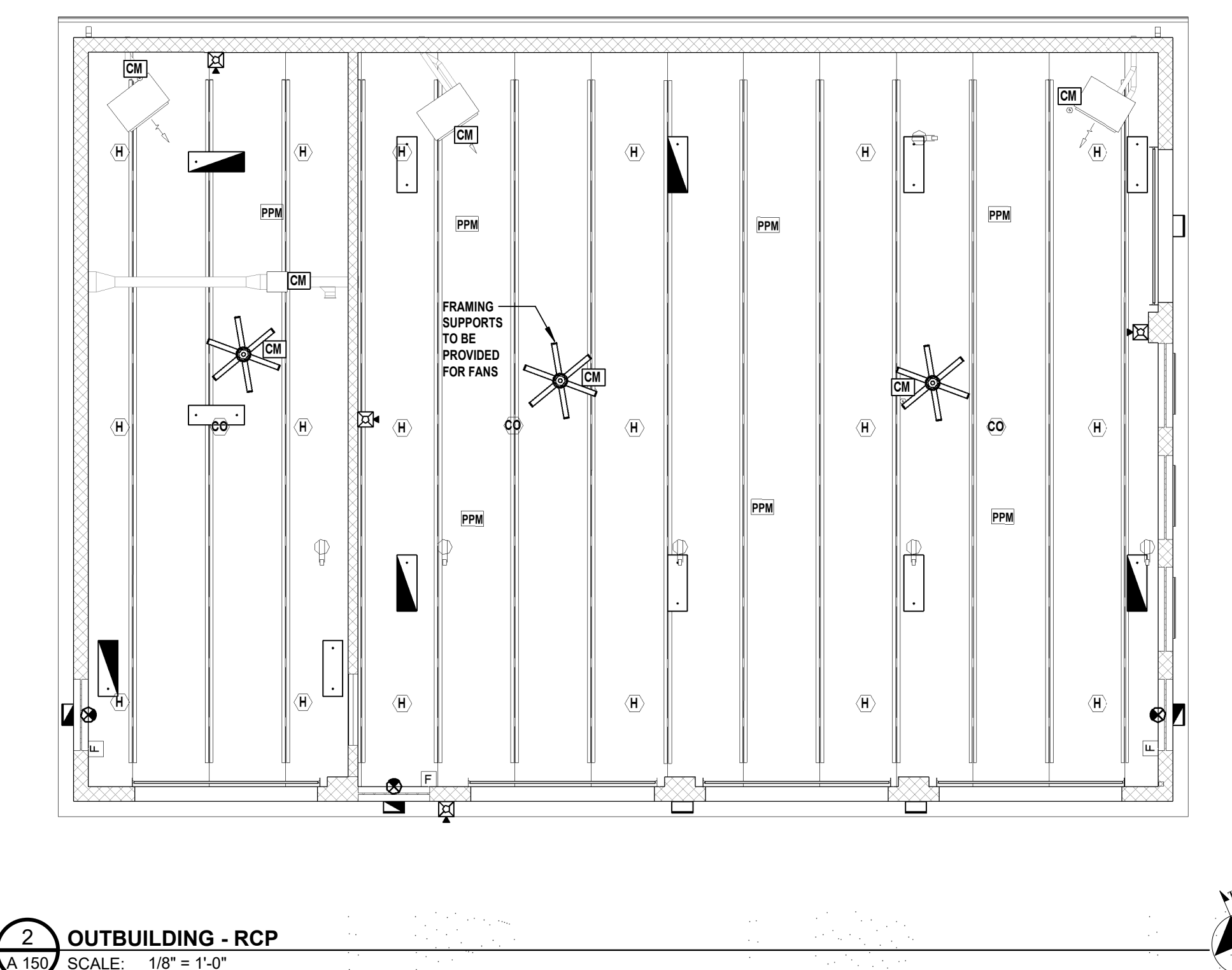
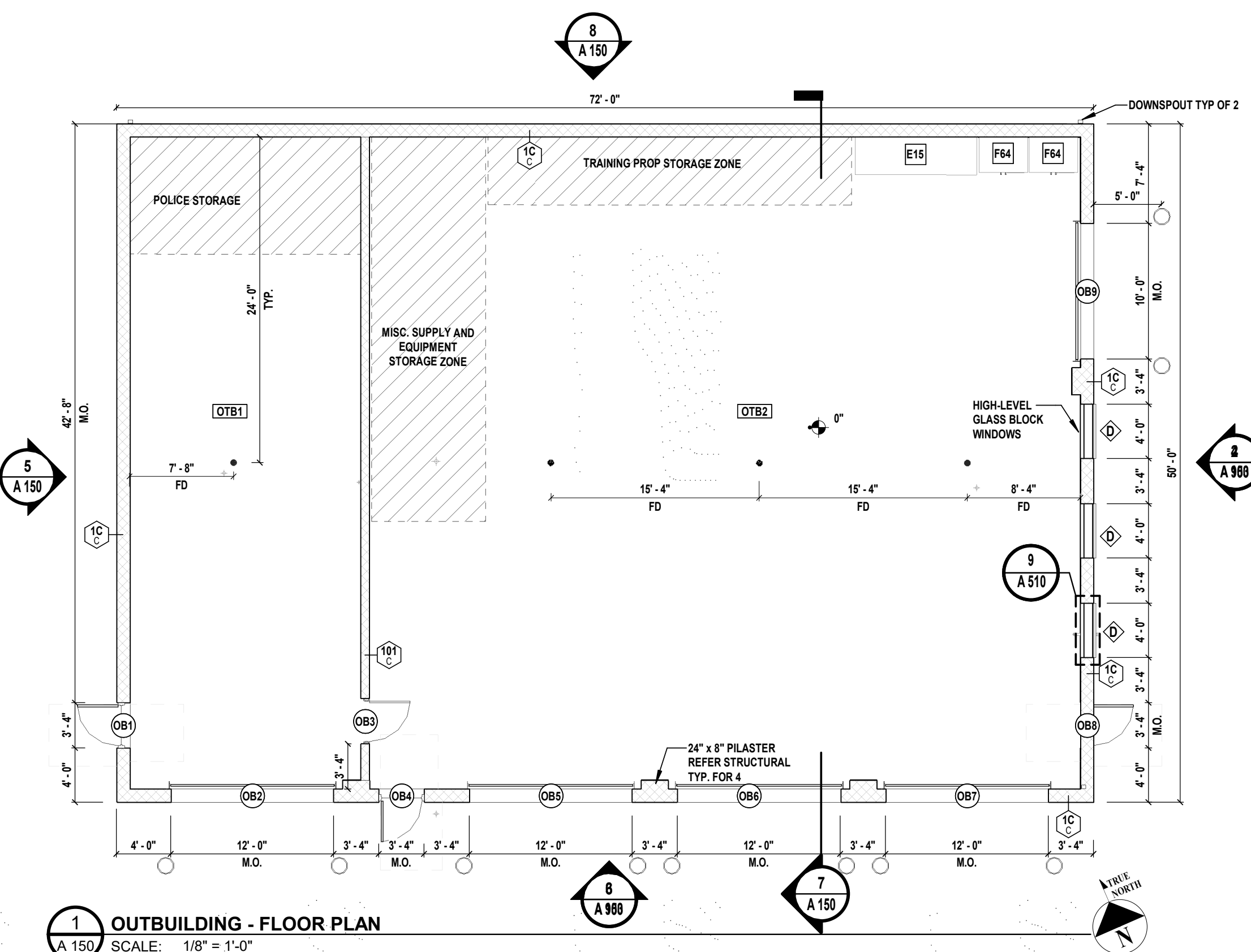
ROOM SCHEDULE - OUTBUILDING

Number	Name	Area
OTB1	POLICE STORAGE	818 SF
OTB2	FIRE & EMS STORAGE	2514 SF

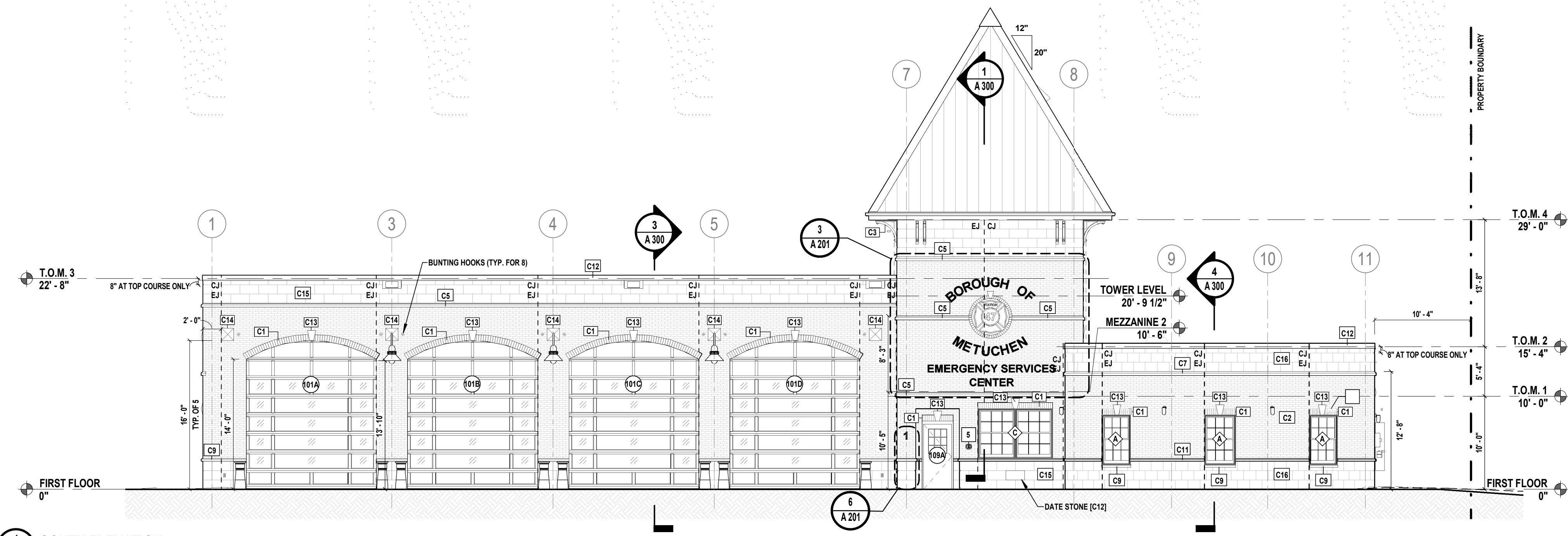
KEYNOTES

E15	MOBILE HOSE SYSTEM - MINI, (5) HOSE SHELVES W/ WINDER (NIC)
F64	FLAMMABLE STORAGE CABINET - (2) 2" VENT CONNECTIONS, ROUTE VENTS TO EXTERIOR, 4" ADJUSTABLE LEGS (NIC)

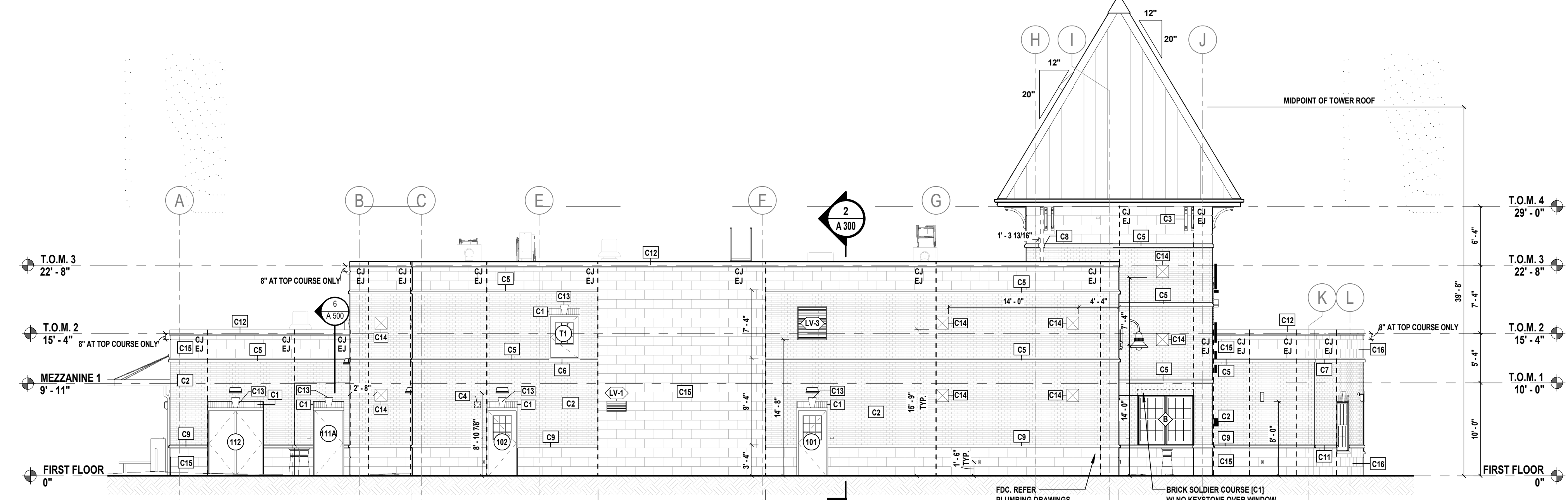
- ACMU NOTES**
- PATTERN AND COURSING WRAPS CORNER AND CONTINUES ALONG NORTH ELEVATION.
 - SUBMIT 12" ACMU "L" CORNER DETAILS FOR APPROVAL.
 - REFER A510 FOR LOUVER SCHEDULE.



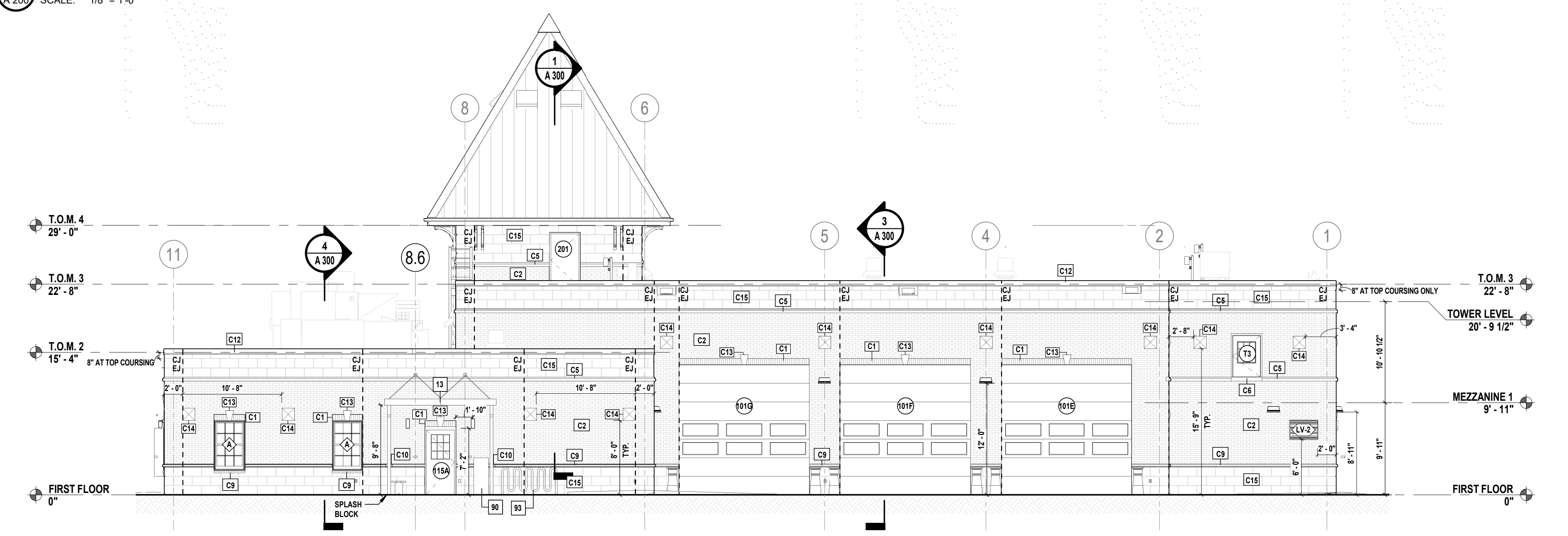
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1 SOUTH ELEVATION
A 200
SCALE: 1/8" = 1'-0"



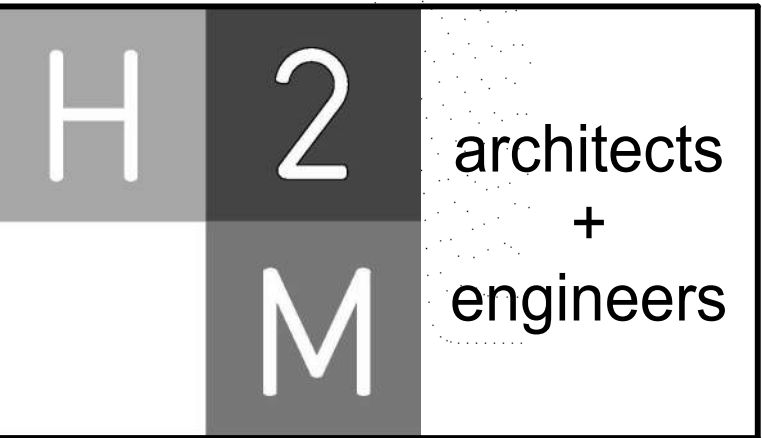
2 WEST ELEVATION
A 200
SCALE: 1/8" = 1'-0"



3 NORTH ELEVATION
A 200
SCALE: 1/8" = 1'-0"

ELEVATION NOTES	
1.	REFER TO A201 FOR ELEVATION LEGEND
2.	REFER A510 FOR LOUVER SCHEDULE

KEYNOTES	
5	RECESSED KNOX BOX - FURNISHED BY OWNER. MOUNT BOTTOM OF BOX 4' AFF. COORDINATE EXACT LOCATION WITH OWNER
13	PRE-ENGINEERED CANOPY
90	DELIVERY DROPBOX (SECTION 107423)
93	BICYCLE RACK - SEE CIVIL DRAWINGS



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SHEET TITLE
NORTH, WEST & SOUTH ELEVATIONS

DRAWING No. **A 200.00**

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SHEET TITLE: **EAST ELEVATION, ELEVATION CALLOUTS & DETAILS**

DRAWING No. **A 201.00**

ELEVATION LEGEND

C1 8" BRICK SOLDIER COURSE BAND WIDTH TO FIT OPENING	C2 BRICK VENEER RUNNING BOND
C3 BRACKET (SECTION 040523) 15.58" W x 15.34" H	C4 BRICK VENT (SECTION 040523) 15.58" W x 15.34" H MOUNT IN COURSE AT 7'-4" AFF TO BOTTOM OF BRICK VENT
C5 CAST STONE BAND ROCKCAST: SL-400 W/ DRIP EDGE	C6 CAST STONE BAND FLUSH TO VENEER
C7 CAST STONE BAND ROCKCAST: SL-400 W/ DRIP EDGE CUT TO 15.58" LENGTH	C8 CAST STONE BAND FLUSH TO VENEER
C9 CAST STONE SILL WATERTABLE ROCKCAST: SL-350	C10 CAST STONE BAND FLUSH TO VENEER ROCKCAST: ST-412
C11 CAST STONE WATERTABLE ROCKCAST: SL-350 CUT TO 15.58" LENGTH	C12 CAST STONE DATE STONE 12" x 24" x 4" NOMINAL
C13 CAST STONE KEYSTONE KEYSTONE: KY-700 1/2" PROJECTION FROM FACE OF MASONRY	C14 CAST STONE PYRAMID: CP-416
C15 CAST STONE VENEER (ST-5034) 4" x 12" x 24" (NOMINAL) 8" HIGH CAST STONE AT T.O.M. 2 & T.O.M. 3 REFER TO ELEVATION	C16 CAST STONE VENEER (ST-5034) 8" x 12" x 18" (NOMINAL) 8" HIGH CAST STONE AT T.O.M. 2 & T.O.M. 3 REFER TO ELEVATION
C17 CAST STONE BAND ROCKCAST: SL-350	

NOTES:
1. SEE SECTION 040523 FOR VENEER TIE REQUIREMENTS

KEYNOTES

83 BICYCLE RACK - SEE CIVIL DRAWINGS

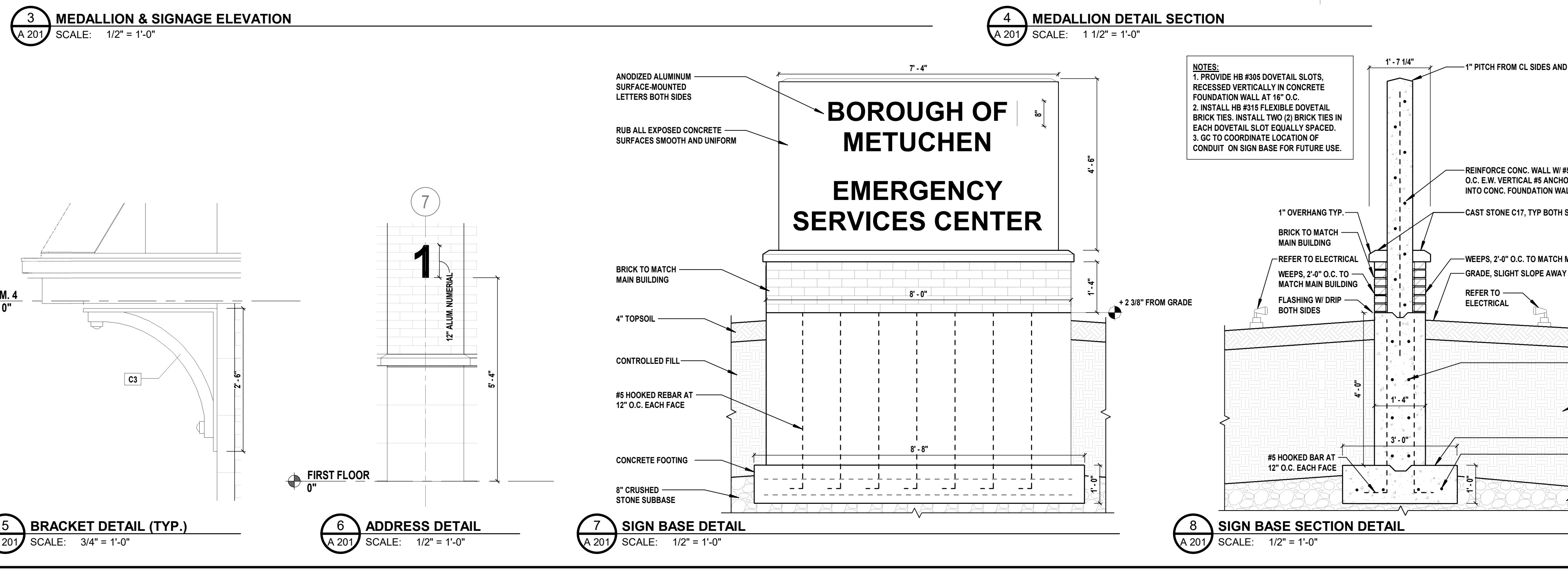
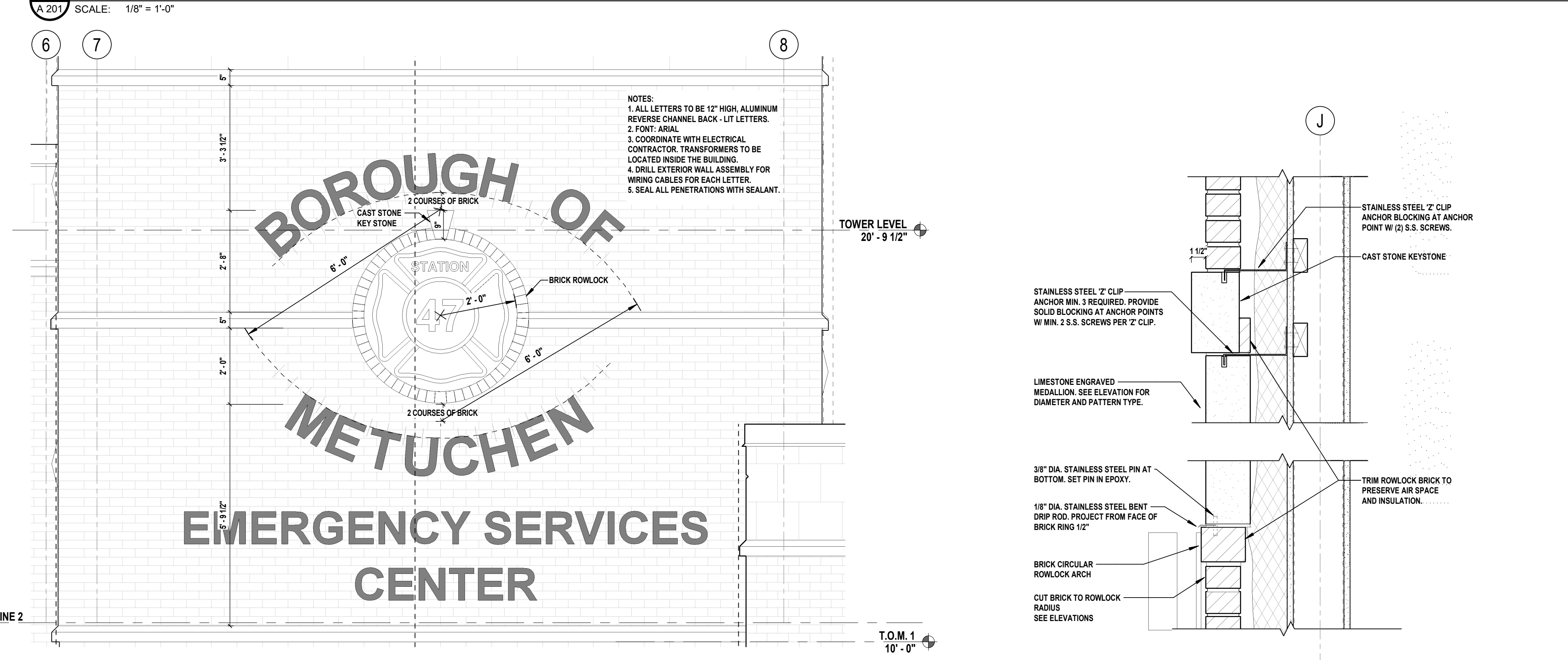
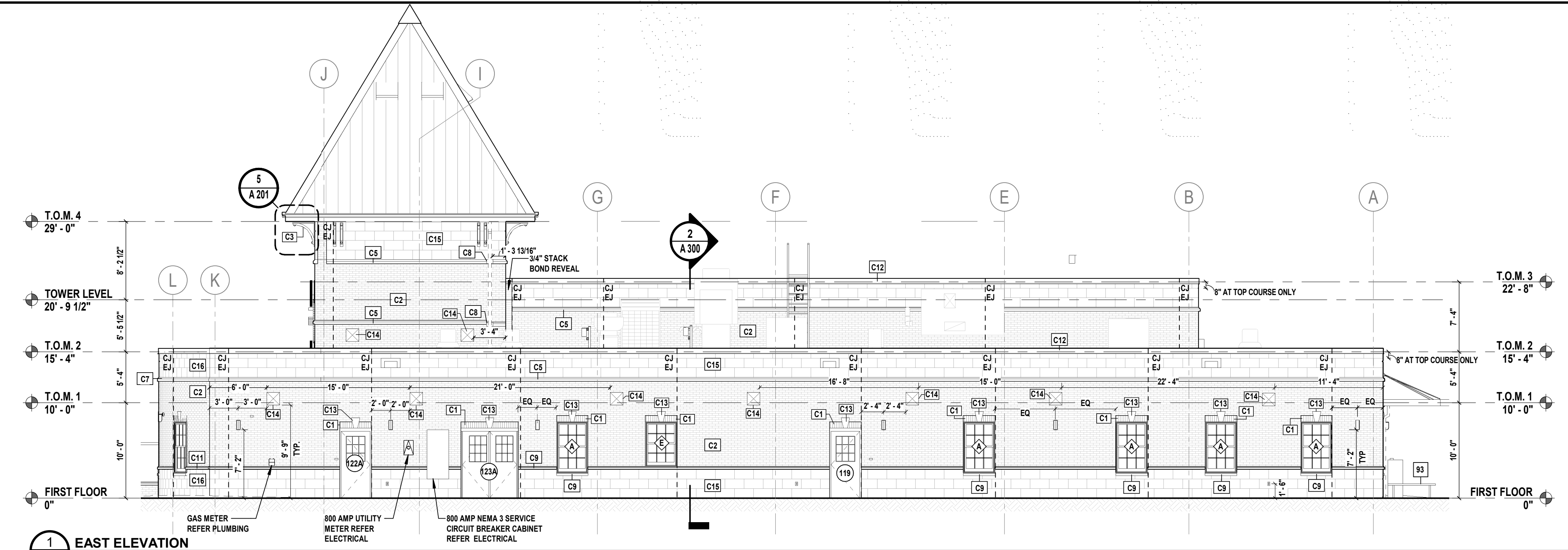
CMU 1" FOR SUPPORT TAPER BY HALF A BLOCK FOR EACH COURSE AFTER 3'-4"

PLAN

ELEVATION

SECTION

NOTES:
1. WALL IS TO BE CONSTRUCTED AS A TYPICAL WALL TYPE 4D AND 2E THAT INCLUDES ALL WALL TYPE COMPONENTS INCLUDING BUT NOT LIMITED TO: THROUGH-WALL FLASHING, WINDOW FLASHING, WEEPS, DRIPS, MORTAR NET, AND SPRAY FOAM INSULATION.
2. JUST AS WITH ALL BLOCK WALLS IN PROJECT, BLOCK WALLS SHALL BE COVERED AT THE END OF EVERY DAY. SEE SPECIFICATIONS FOR MORE INFORMATION ON THIS REQUIREMENT.



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CONSULTANTS:

MARK	DATE	DESCRIPTION
00	MAR. 6, 2024	90% - NFC

DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED BY
DJP	SKM	KNP	JBL

PROJECT No: BOME2201 DATE: MAR 12, 2024 SCALE: AS SHOWN

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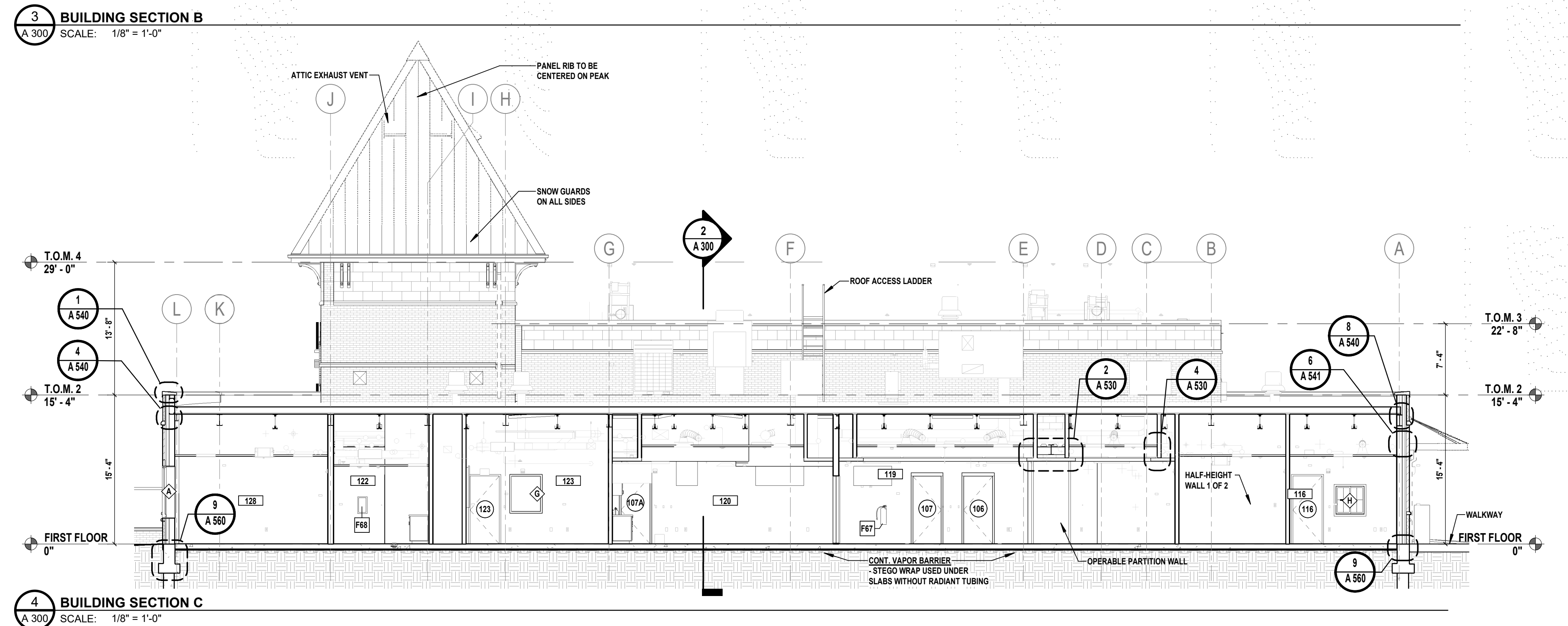
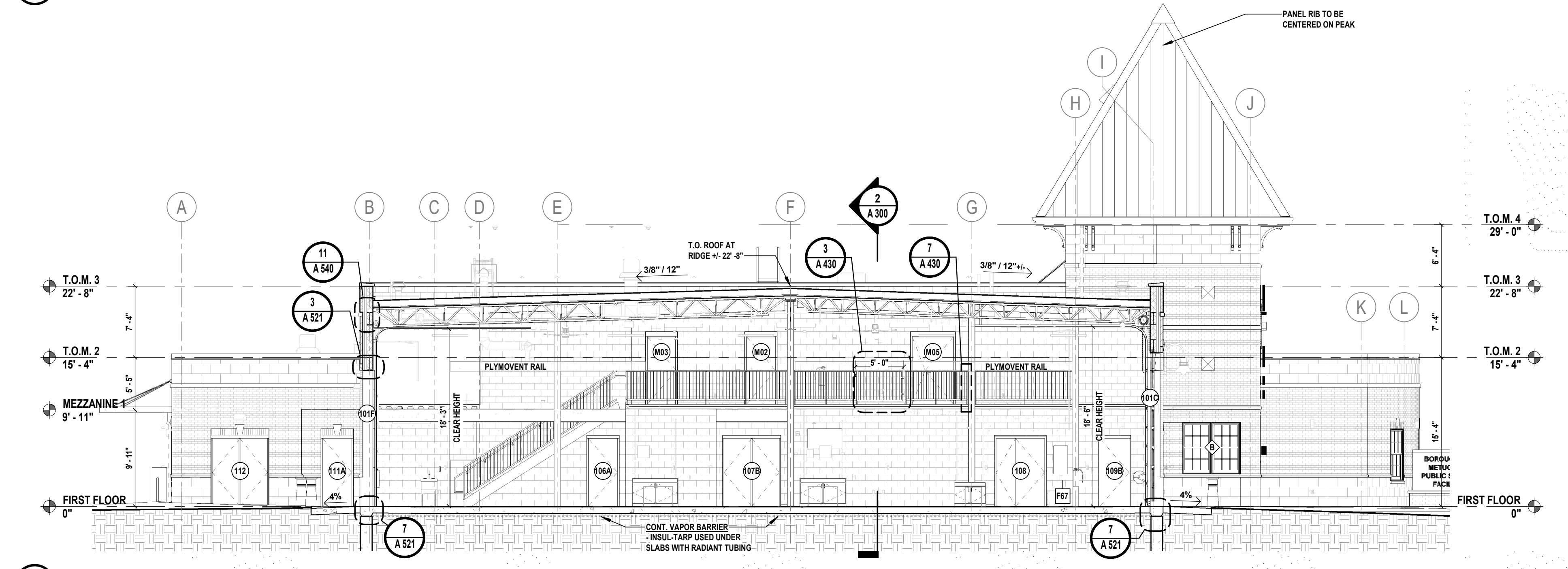
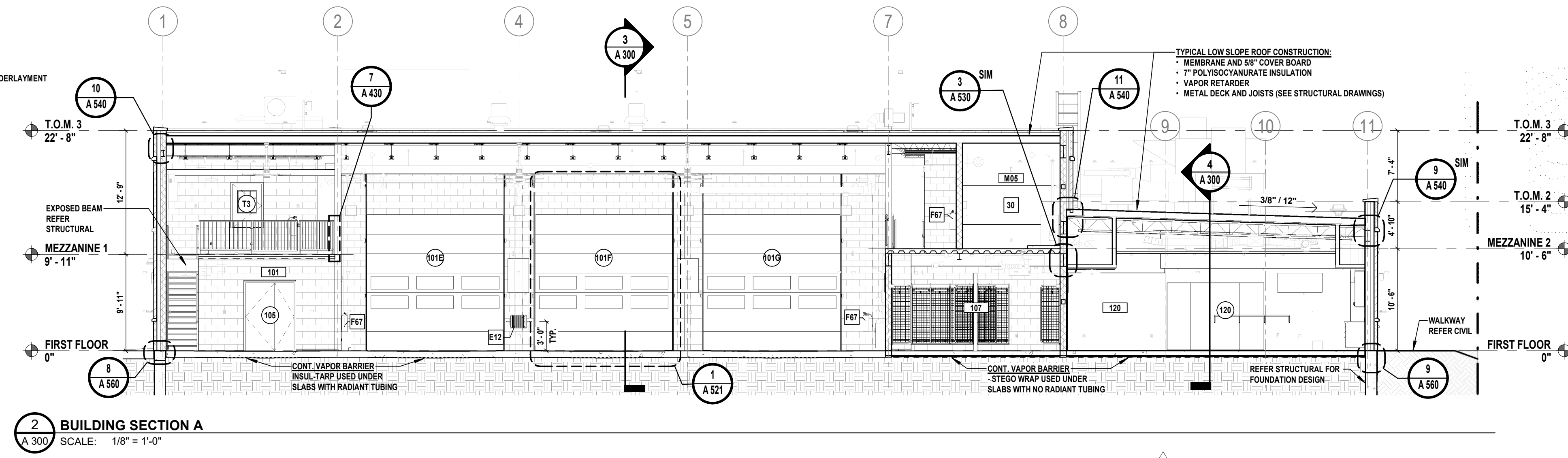
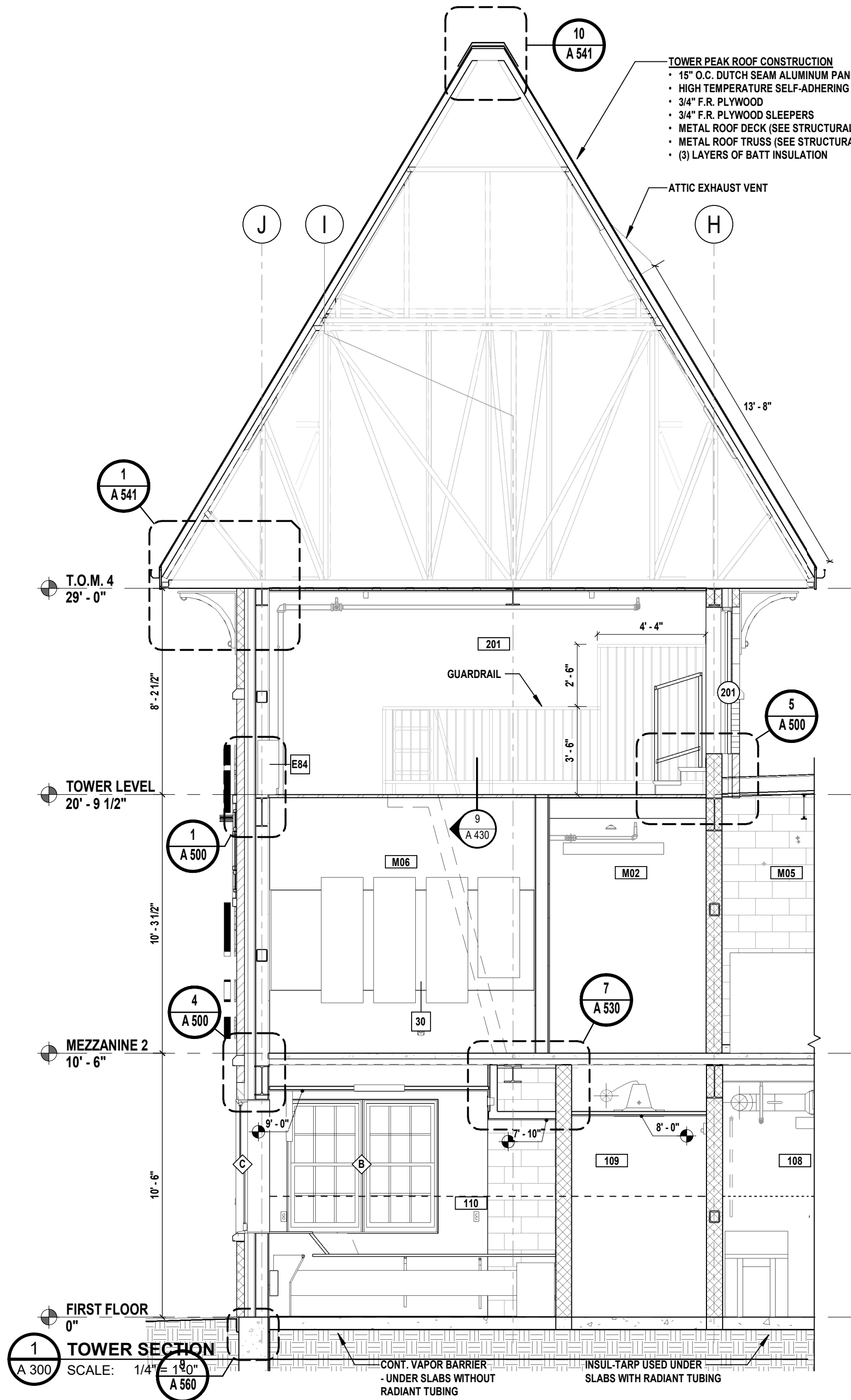


1 SAFETY PLACE
METUCHEN, NJ 08840
BOROUGH OF MIDDLESEX
NEW JERSEY

STATUS **90% - NFC**

SHEET TITLE
BUILDING SECTIONS

DRAWING No.
A 300.00



ROOM SCHEDULE - MEZZANINE

Number	Name
M01	TRAINING MEZZANINE
M02	UTILITY MEZZANINE
M03	QUARTERMASTER / RECORD STORAGE
M04	I.T.
M05	MECHANICAL ROOM
M06	ELECTRICAL ROOM

KEYNOTES

30	3/4" FR PLYWOOD BACK-BOARD, 72" HIGH, 18" AFF (FULL WIDTH OF WALL. PAINT PRIOR TO PANEL MOUNTING)
E12	HOSE REEL - 100' - NON-COLLAPSIBLE 5/8" HOSE
E84	CABINET UNIT HEATER - RECESSED
F67	FIRE EXTINGUISHER - SURFACE MOUNTED
F68	FIRE EXTINGUISHER - RECESSED CABINET, TYPE FEC-1

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00	MAR. 6, 2024	90% - NFC

MARK	DATE	DESCRIPTION
00	MAR. 6, 2024	90% - NFC

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PROJECT No: **BOMEZ201** DATE: **MAR 12, 2024** SCALE: **AS SHOWN**

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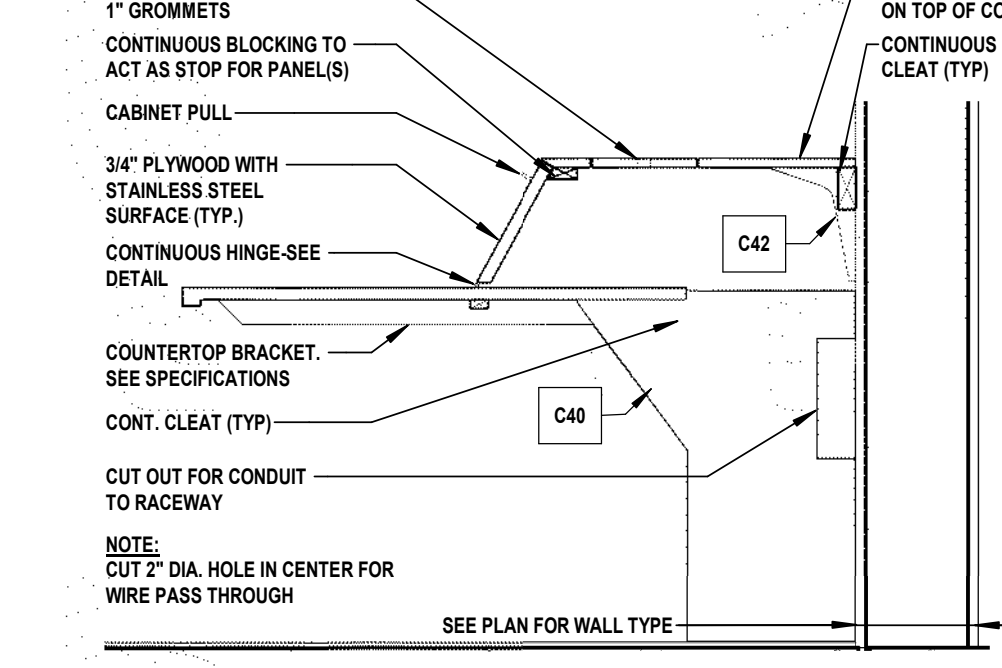
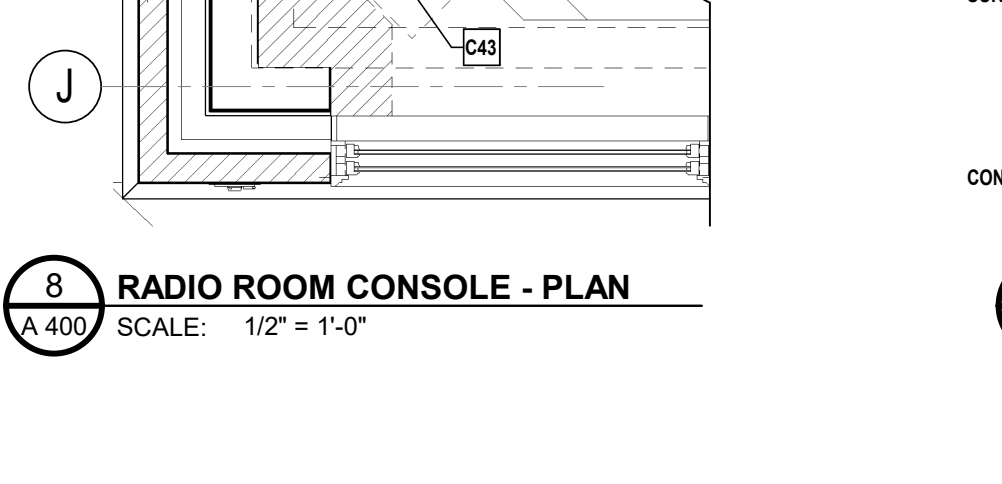
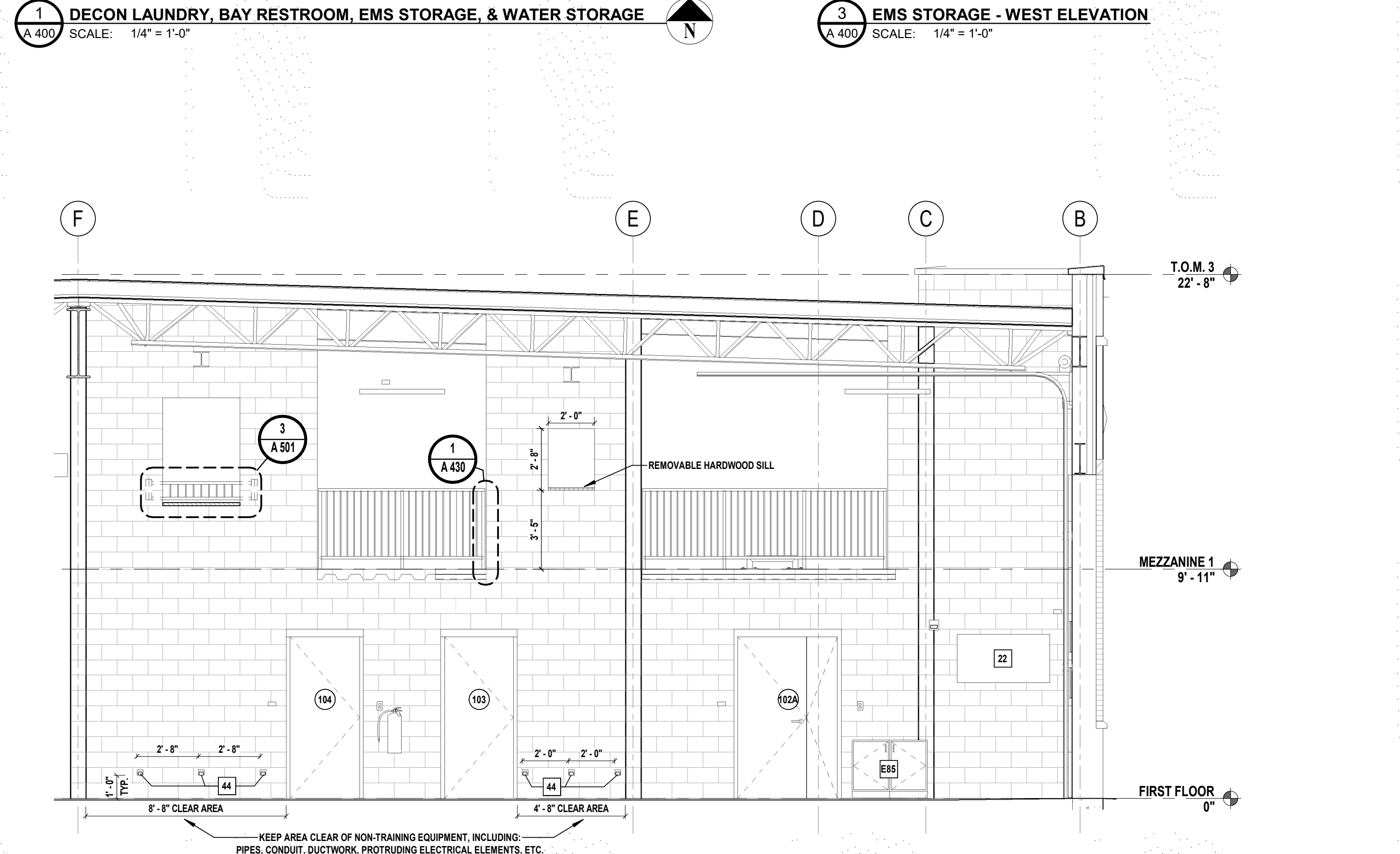
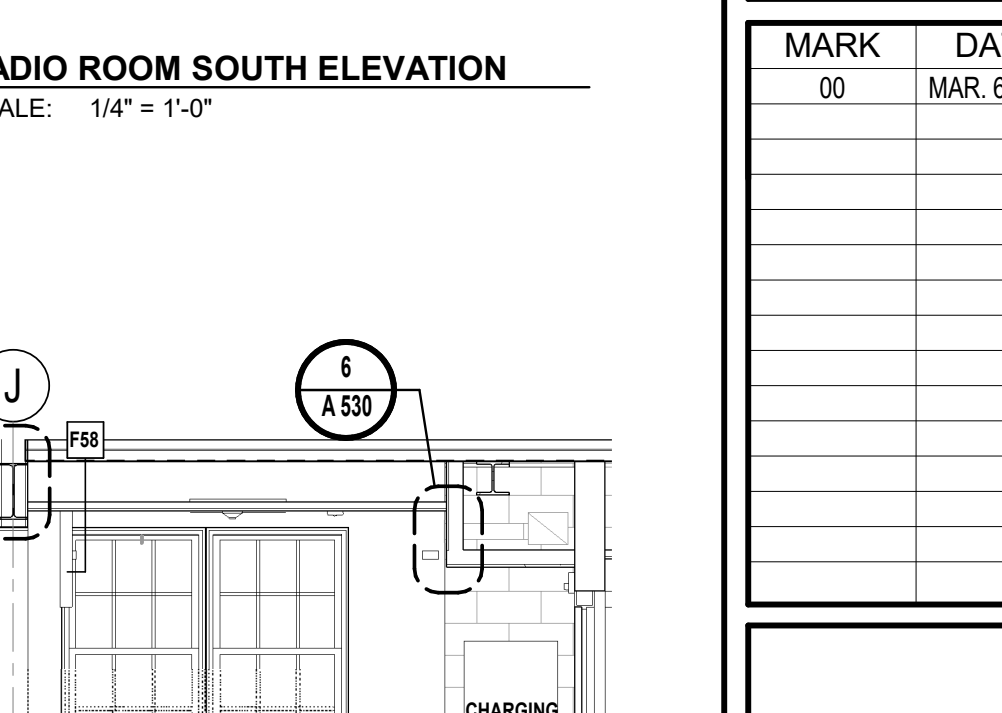
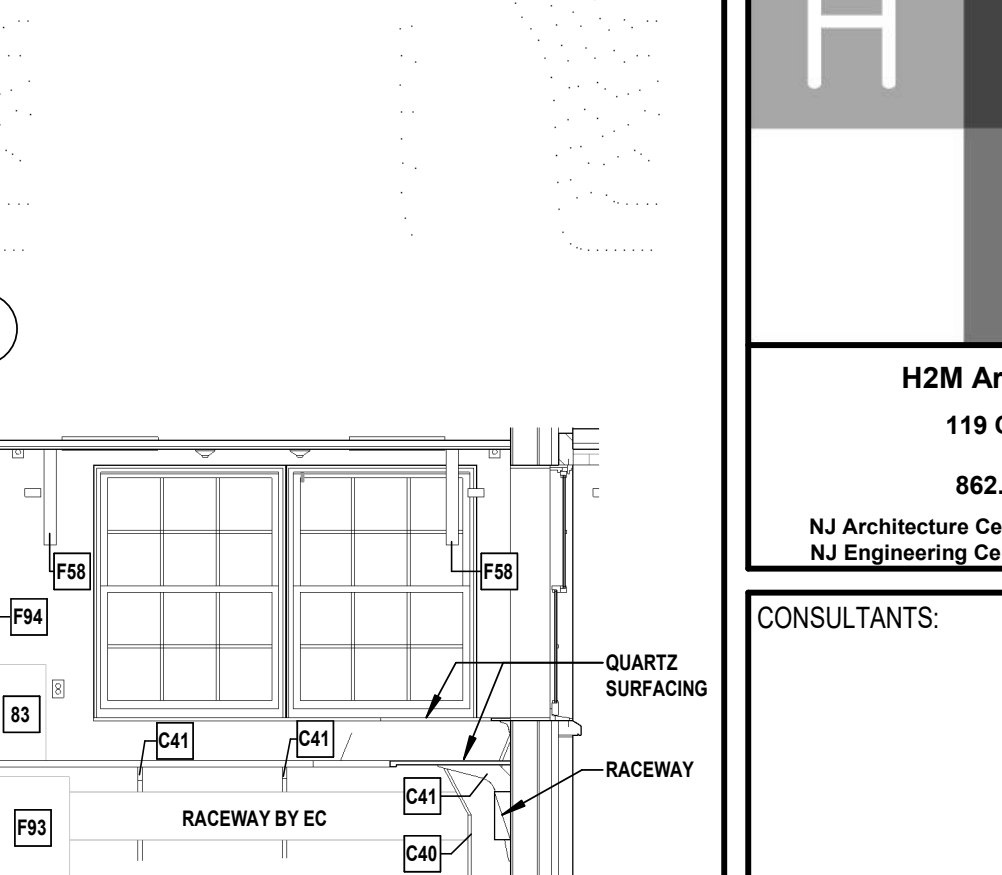
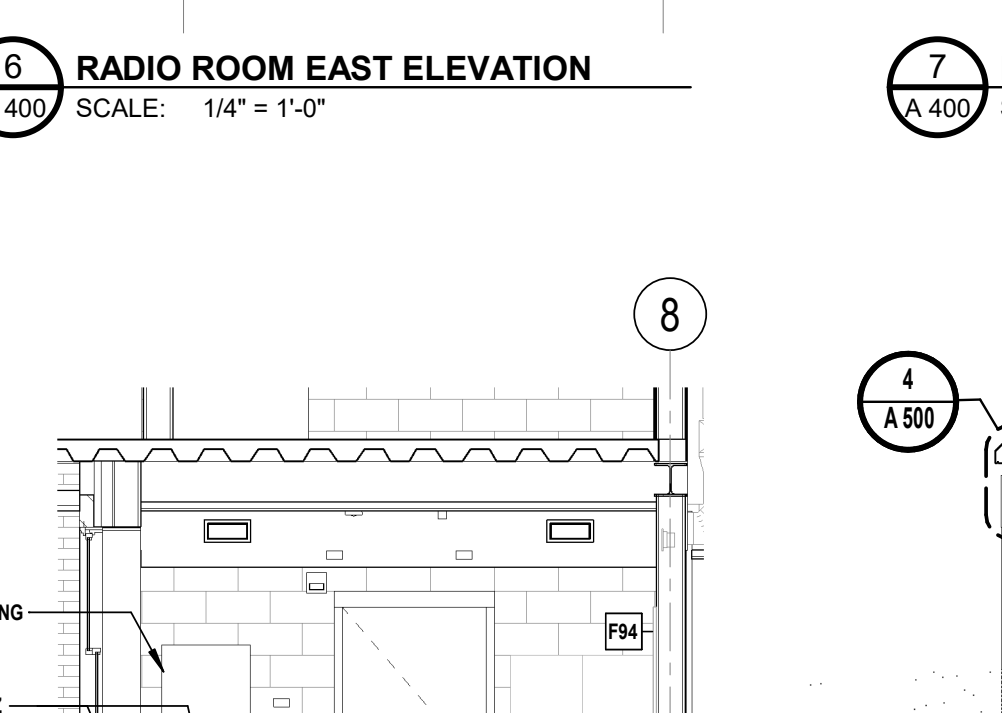
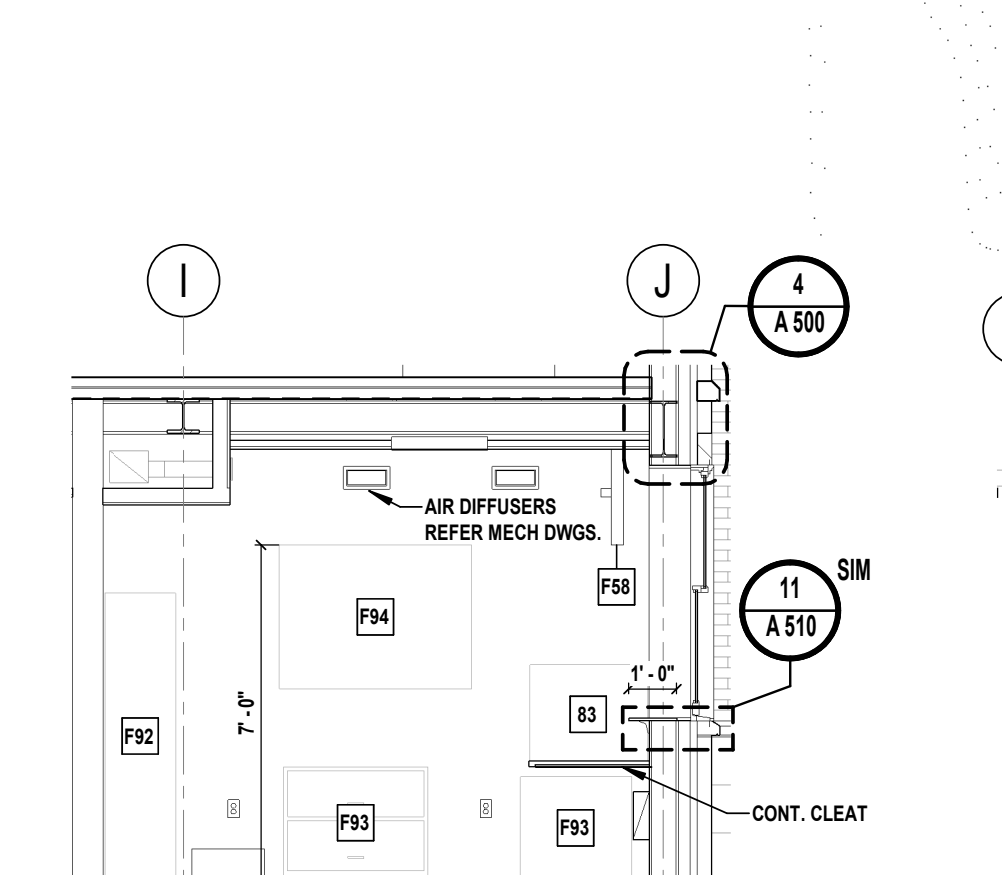
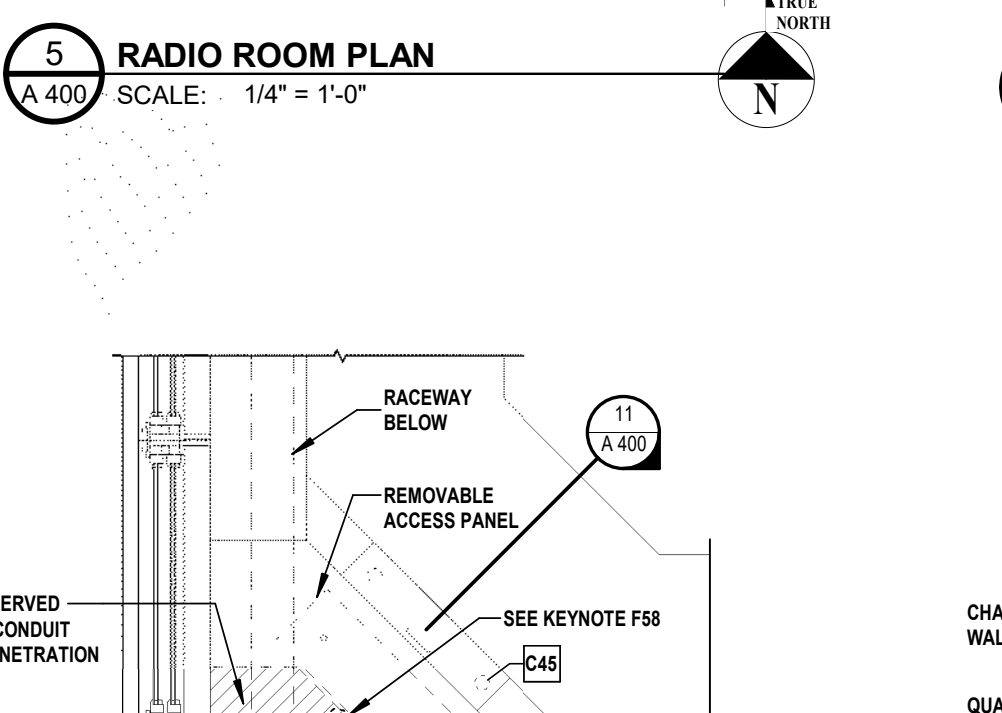
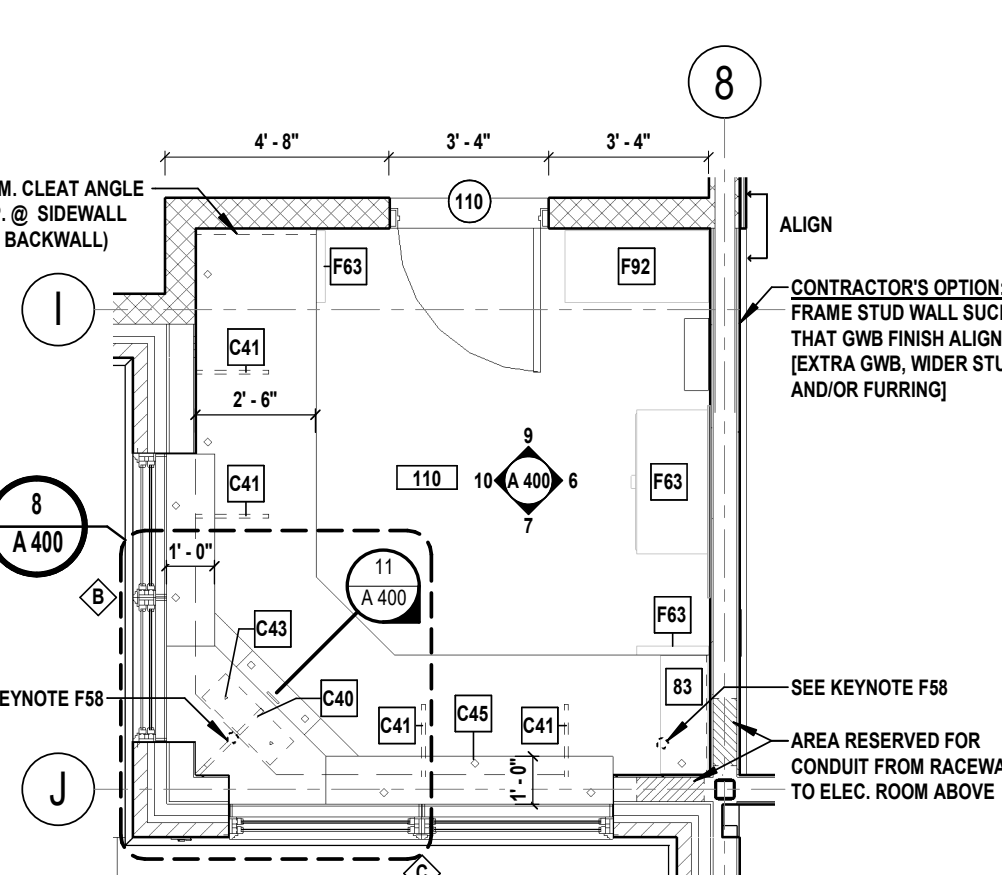
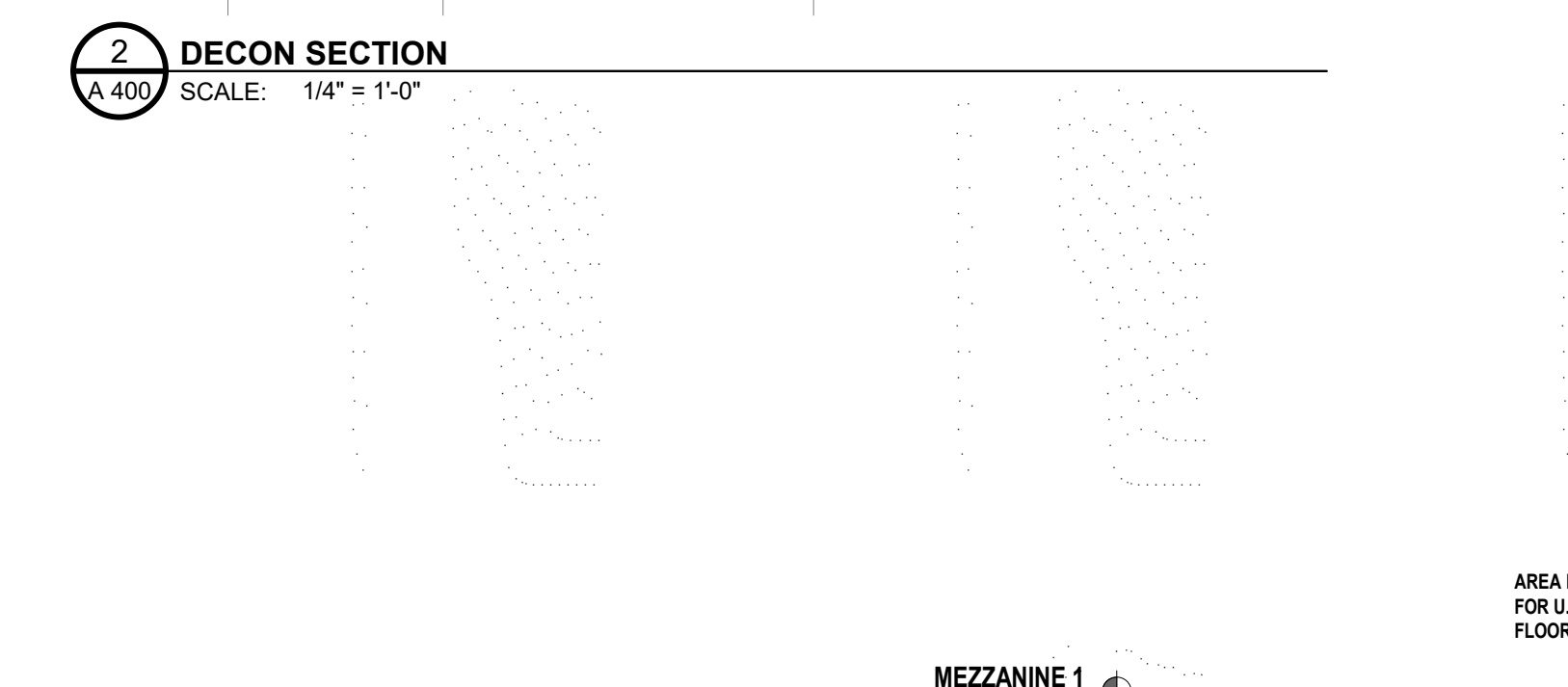
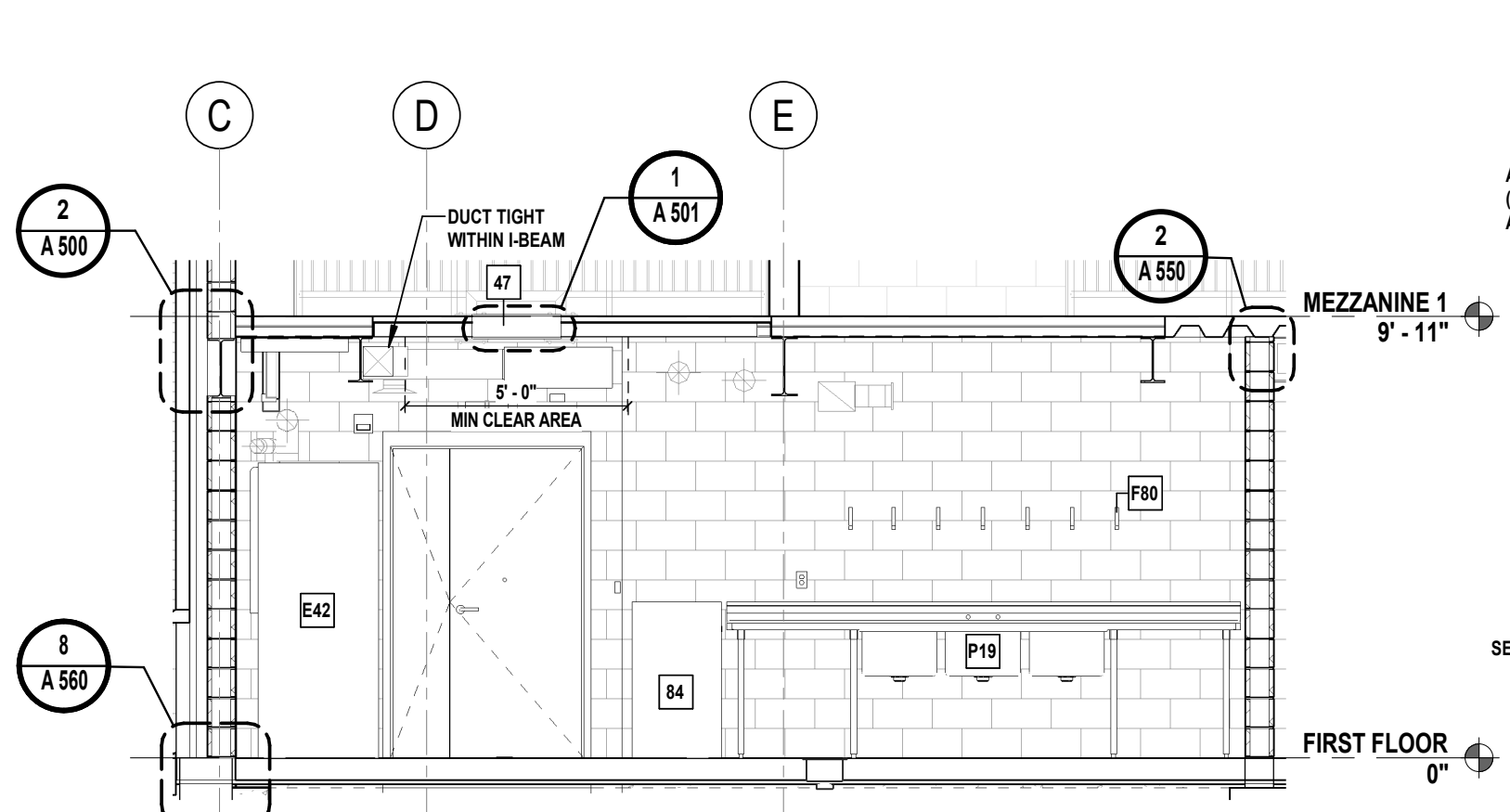
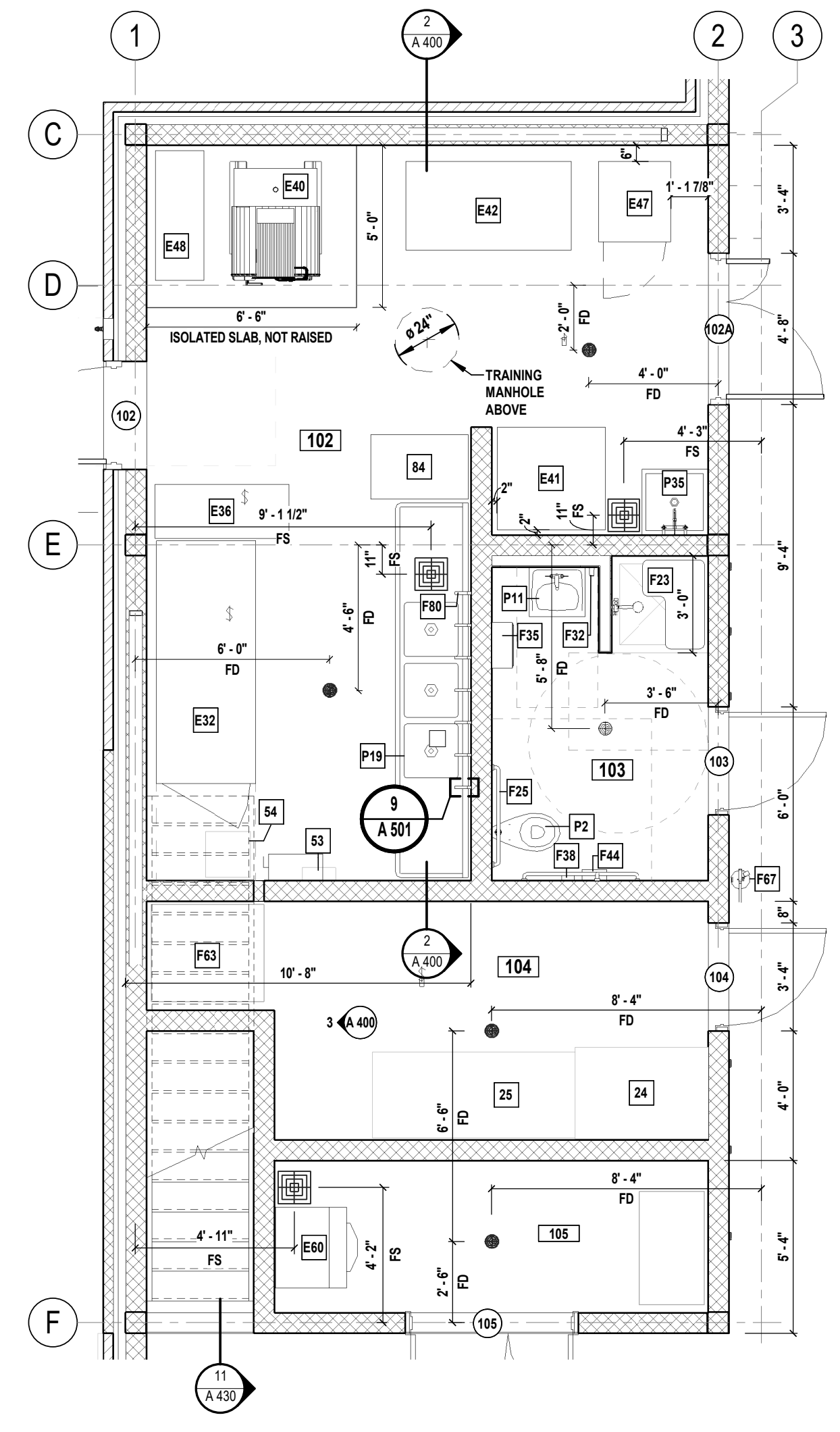


1 SAFETY PLACE
METUCHEN, NJ 08840
BOROUGH OF METUCHEN
COUNTY OF MIDDLESEX
NEW JERSEY

STATUS: **90% - NFC**

SHEET TITLE: **ENLARGED PLANS - DECON, BAY BATHROOM, RADIO ROOM, TRAINING WALL, STORAGE**

DRAWING No. **A 400.00**



- CONSOLE NOTES**
- ALL VISIBLE INTERIOR AND EXPOSED CONSOLE PLYWOOD & SUPPORTS SHALL BE FINISHED WITH WHITE MELAMINE U.O.N.
 - CONSOLE END SUPPORTS SHALL BE CONCEALED WITH S.S. END PANEL WHERE EXPOSED
 - SEE SPECIFICATION FOR DOOR PULLS
 - SLOPING CONSOLE HAS 5" FIXED PANELS.
 - PROVIDE TWO 36" WIDE HINGED PANELS.
 - PROVIDE THREE 2" DIAMETER GROMMETS IN UPPER SURFACE OF CONSOLE.
 - SEE RADIO ROOM PLANS FOR EXACT PLACEMENT OF INTERMEDIATE SUPPORTS.
 - COORDINATE GROMMET LOCATIONS W/ OWNER.

KEYNOTES

22	BROOM CENTER
24	GO BAG RACKS - SUFFOLK SYSTEM - STORES UP TO 36 CYLINDERS, STORES UP TO FOUR LARGE DUTY BAGS, FOUR POINT LOCKING SYSTEM (NIC)
25	GO BAG RACKS - SEATTLE SYSTEM - MOBILE OR FLOOR MOUNT, (3) 24" OPENINGS PER UNIT, OUTFIT WITH SHELVES OR HANGBARS (NIC)
44	D-RING - PLATE MOUNTED, 12" AFF TO BOTTOM OF PLATE
47	MANHOLE COVER
53	SHARPS CONTAINER - WALL MOUNTED (NIC)
54	RED BAG CONTAINER (NIC)
83	SHELVING (NIC)
84	S.S. TABLE - ROLLING (NIC)
C40	WORKSTATION COUNTER SUPPORT - 1 1/2" PLYWOOD, ALL SIDES WITH RUBBER EDGE MOLD AT FRONT FACE
C41	WORKSTATION METAL BRACKET SUPPORT
C43	1" DIA GROMMETS - ON REMOVABLE ACCESS PANEL, TYP OF 2
C45	2" DIA HOLE - WIRE PASS THROUGH, TYP OF 12
E32	COMPRESSOR - SCBA, MAY REQUIRE PIPED FRESH AIR INTAKE (NIC)
E36	SCBA BOTTLE STORAGE - MINI MOBILE, (24) BOTTLE/ (8) BOTTLE SHELVES (NIC)
E40	GEAR EXTRACTOR, ON ISOLATED SLAB, SURFACE MTD LINTTRAP/FLOOR SINK, PROVIDE 2 HOT AND 2 COLD WATER 3/4" CONNECTIONS (NIC)
E41	GEAR WASHER - FOR MASK & HELMET (NIC), WALL MTD DISCONNECT FOR POWER SUPPLY, PROVIDE FLOOR SINK W/ 3/4" GRATE, REQUIRES (2) 3/4" HW FEEDS AND (2) 3/4" CW FEEDS, TERMINATE IN HOSE CONNECTION (NIC)
E42	GEAR DRYER - PPE DRYING CABINET (NIC)
E47	RESIDENTIAL WASHER/DRYER COMBO, STACKED (NIC)
E48	LINT BOX - FLOOR MOUNTED
E60	ICE MACHINE - GRAVITY DRAIN LINE W/ VENT LEG TO EXTRACTOR FLOOR SINK CW CONNECTION, 3/8" WATER INLET, 7/16" I.D. DRAIN LINES, WATER COOLED (NIC)
E85	MANIFOLD CABINET
F23	SHOWER STALL (ADA)
F25	ADA GRAB BARS
F32	SOAP DISPENSER - WALL MOUNTED
F35	PAPER TOWEL DISPENSER - SURFACE MOUNTED - TOP OF PAPER TOWEL OPENING @ 42" AFF
F38	TOILET TISSUE DISPENSER
F44	SANITARY NAPKIN DISPOSAL
F58	TELEVISION MOUNT - CEILING MOUNTED
F63	STORAGE CABINET (NIC)
F67	FIRE EXTINGUISHER - SURFACE MOUNTED
F80	FACE SHIELD HOOK, 12" O.C., 7 REQUIRED
F92	FILING CABINET - TALL (NIC)
F93	FILING CABINET - SHORT (NIC)
F94	WHITE BOARD (NIC)
P2	TOILET - FLOOR MOUNTED (ADA)
P11	LAVATORY - WALL MOUNTED (ADA)
P19	SCULLERY SINK - TRIPLE BOWL SINK W/ SIDEBARDS
P35	MOP SERVICE BASIN

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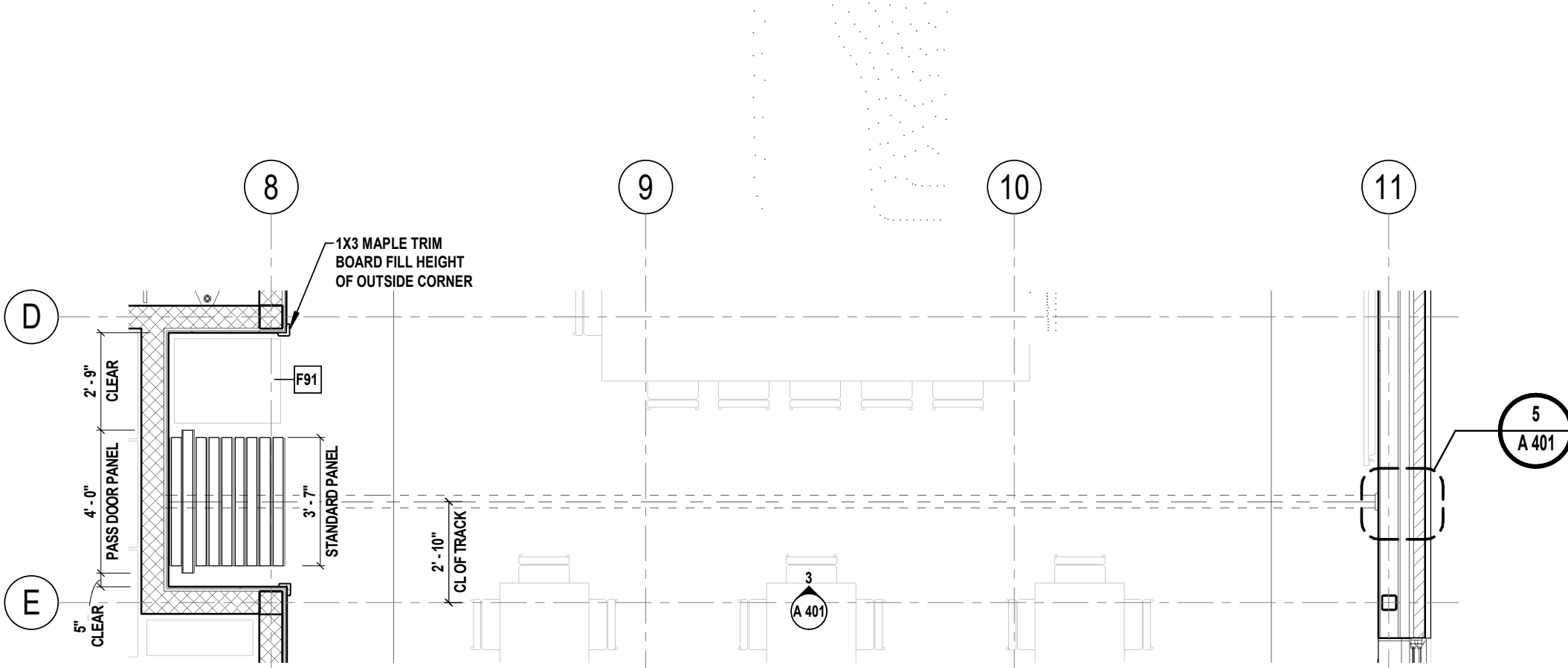


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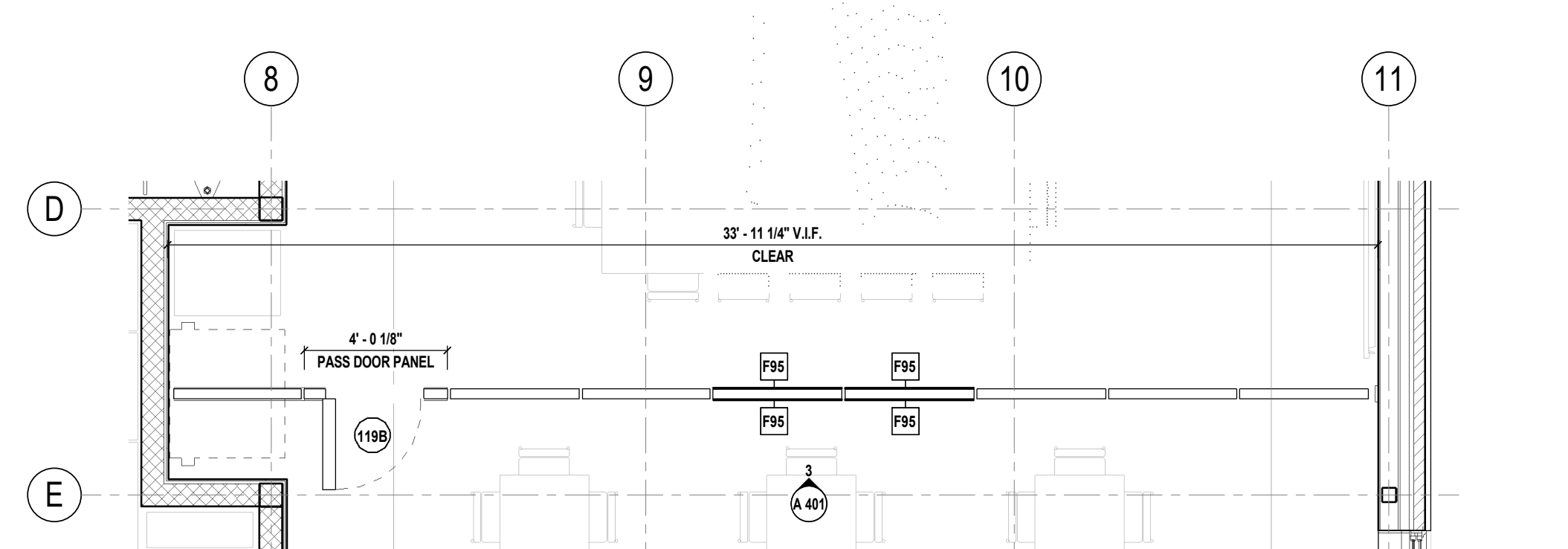
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SHEET TITLE
ENLARGED PLANS - KITCHEN & OPERABLE WALL

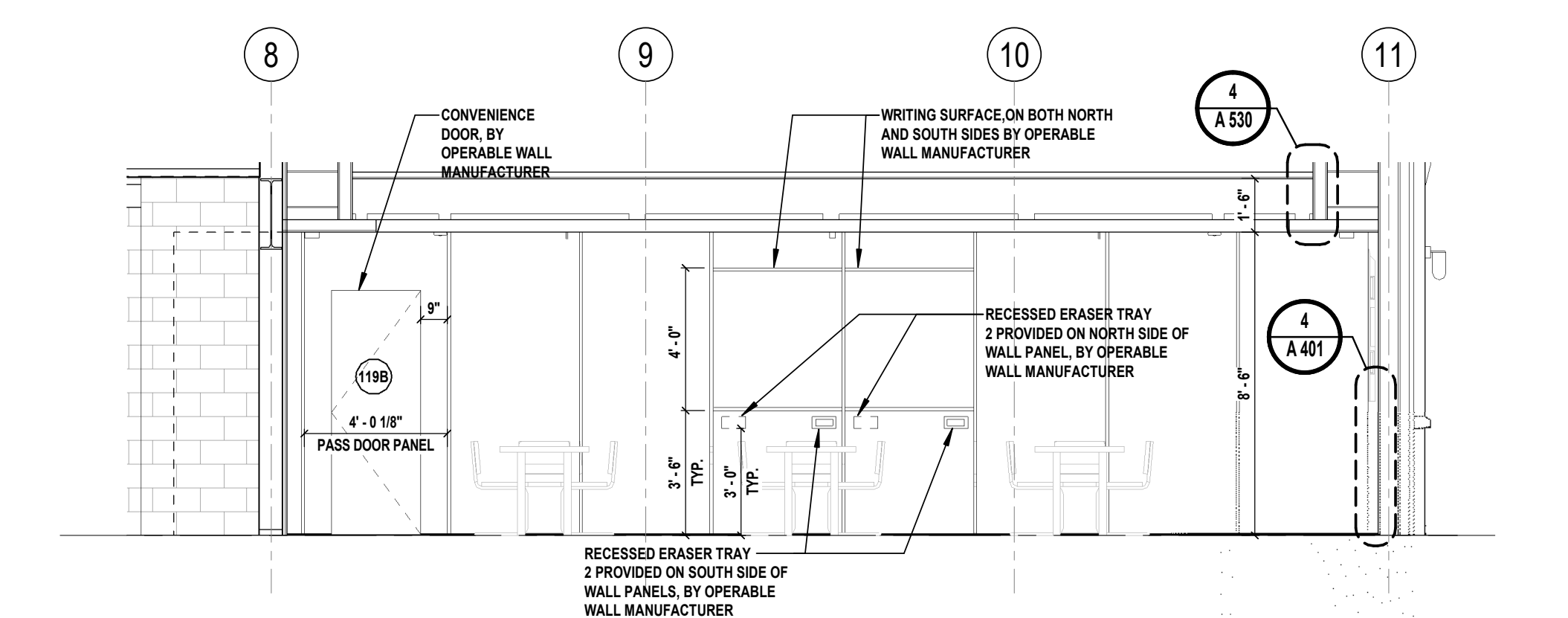
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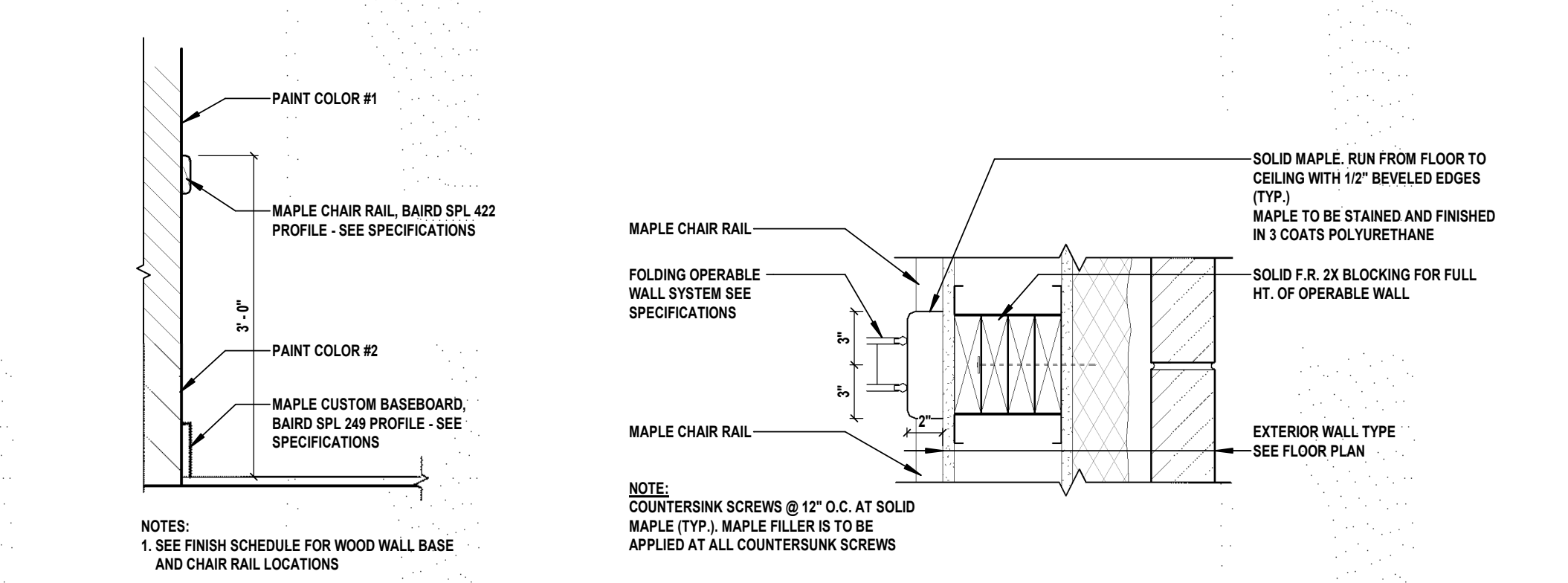
1 OPERABLE WALL PLAN - SHOWN STACKED
 A 401 SCALE: 1/4" = 1'-0"



2 OPERABLE WALL PLAN - SHOWN EXTENDED
 A 401 SCALE: 1/4" = 1'-0"

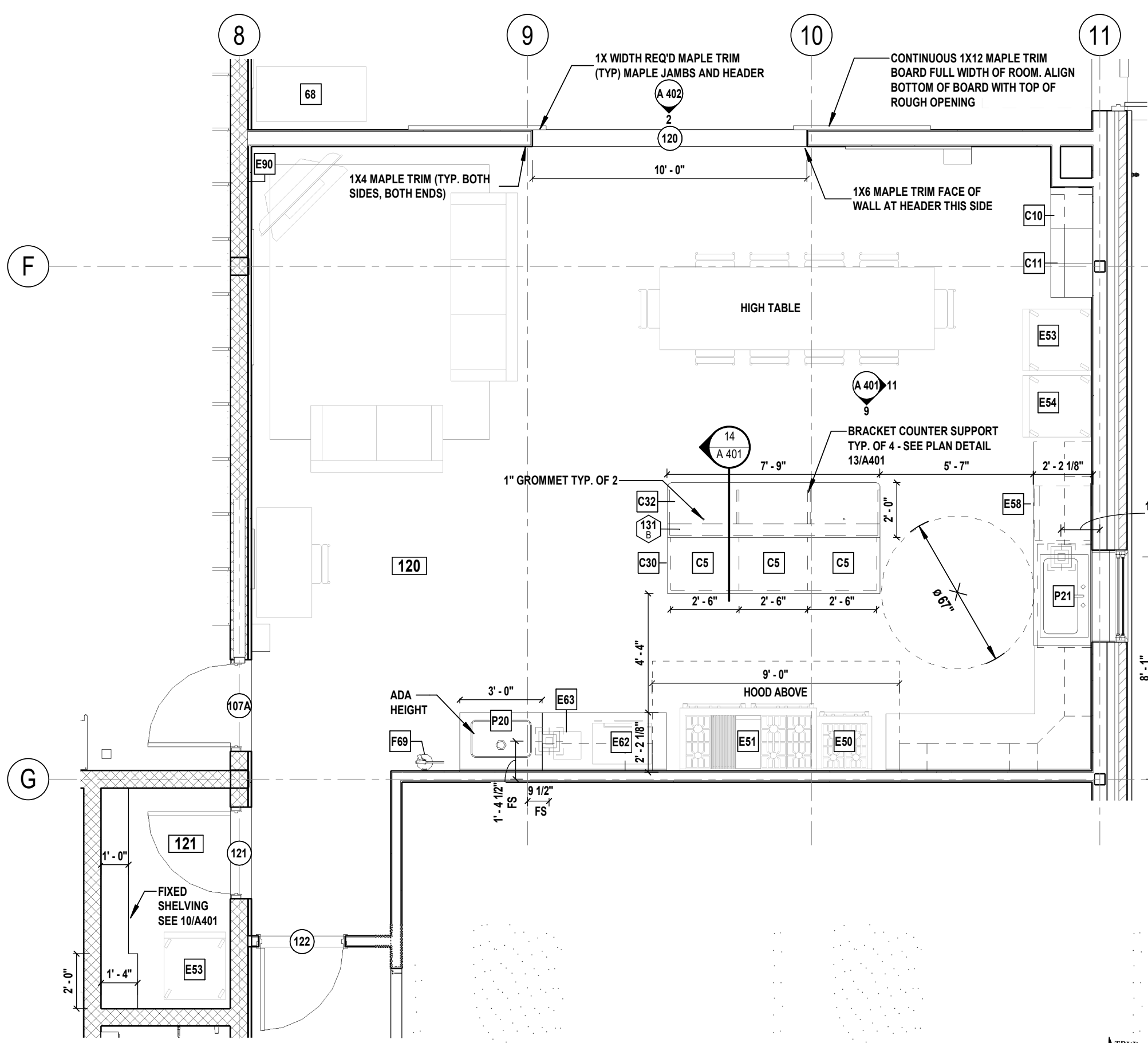


3 OPERABLE WALL - ELEVATION
 A 401 SCALE: 1/4" = 1'-0"

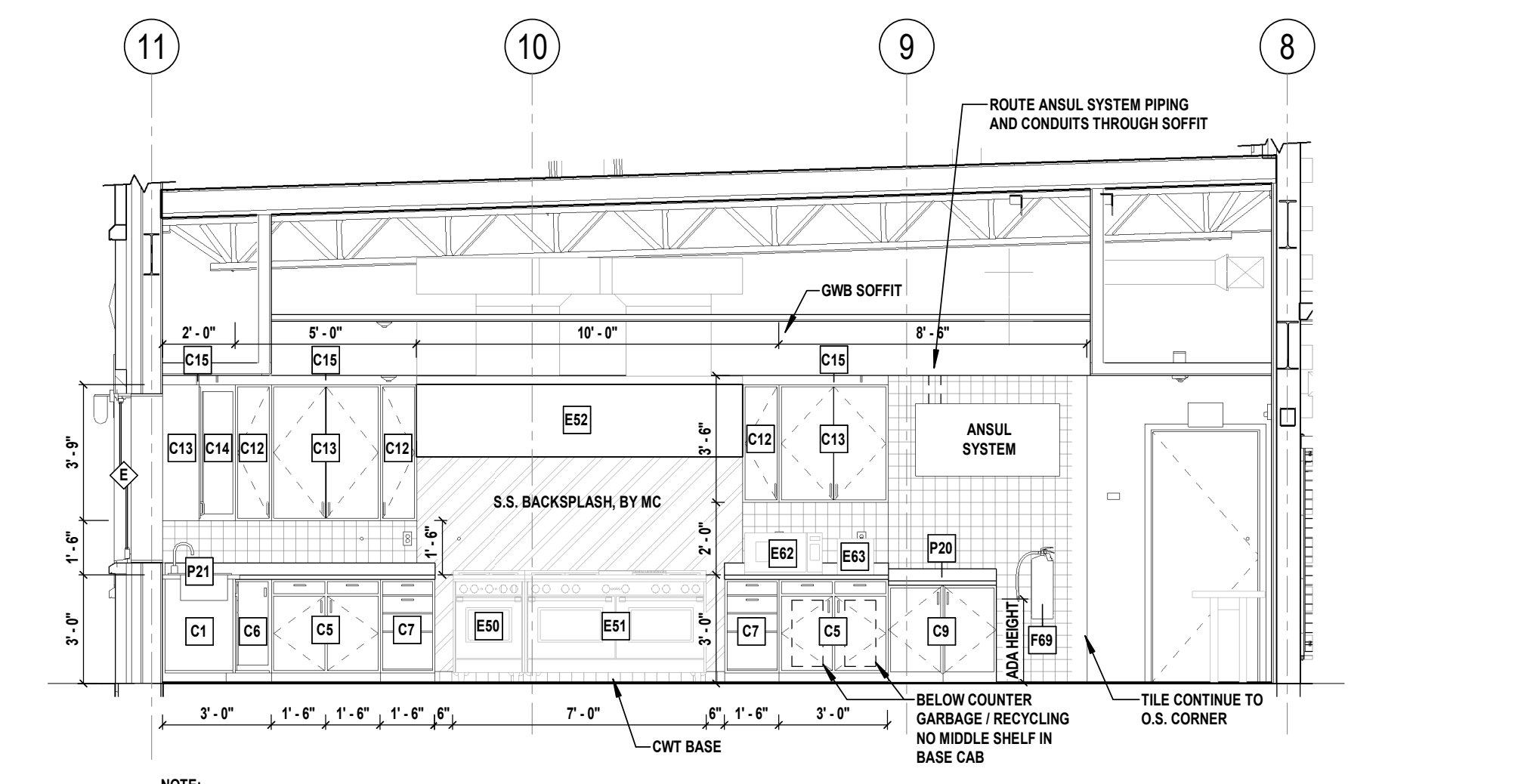


4 CHAIR RAIL DETAIL
 A 401 SCALE: 3/4" = 1'-0"

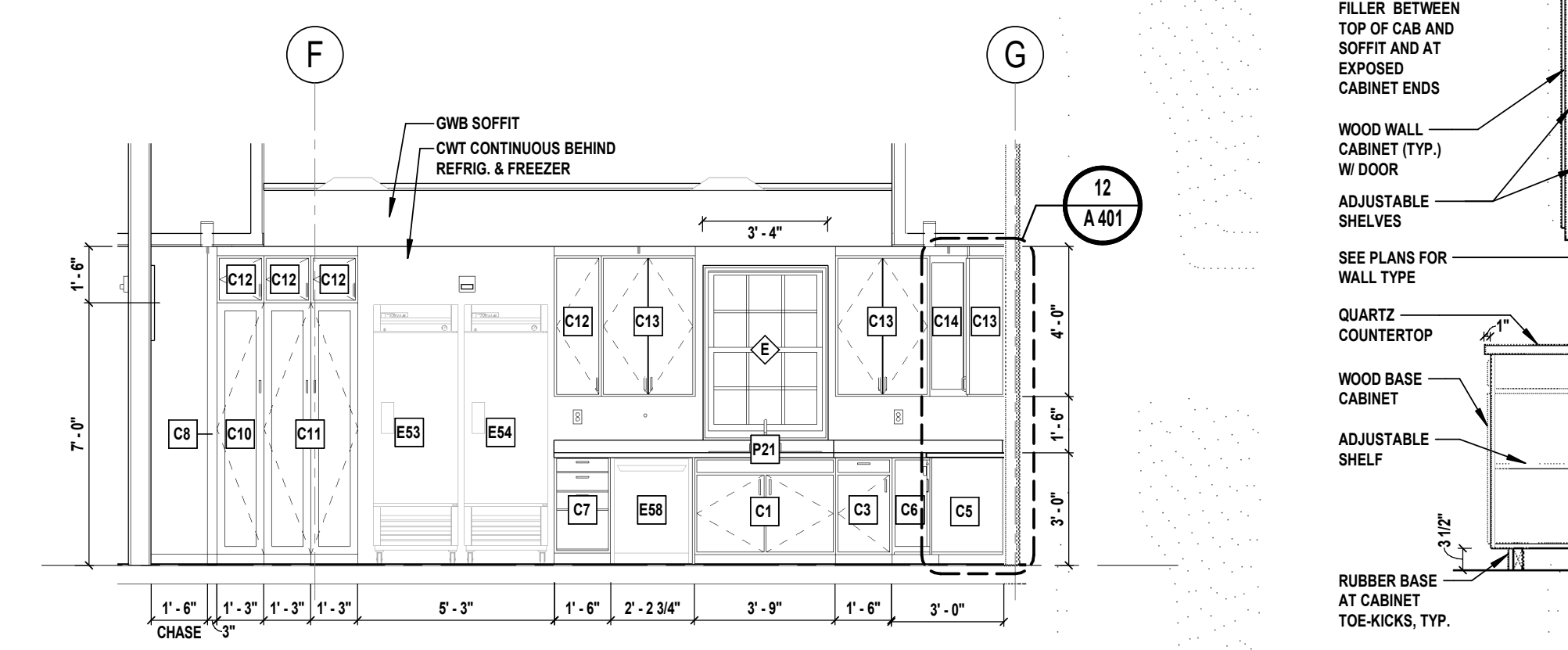
5 OPERABLE WALL - END DETAIL
 A 401 SCALE: 1 1/2" = 1'-0"



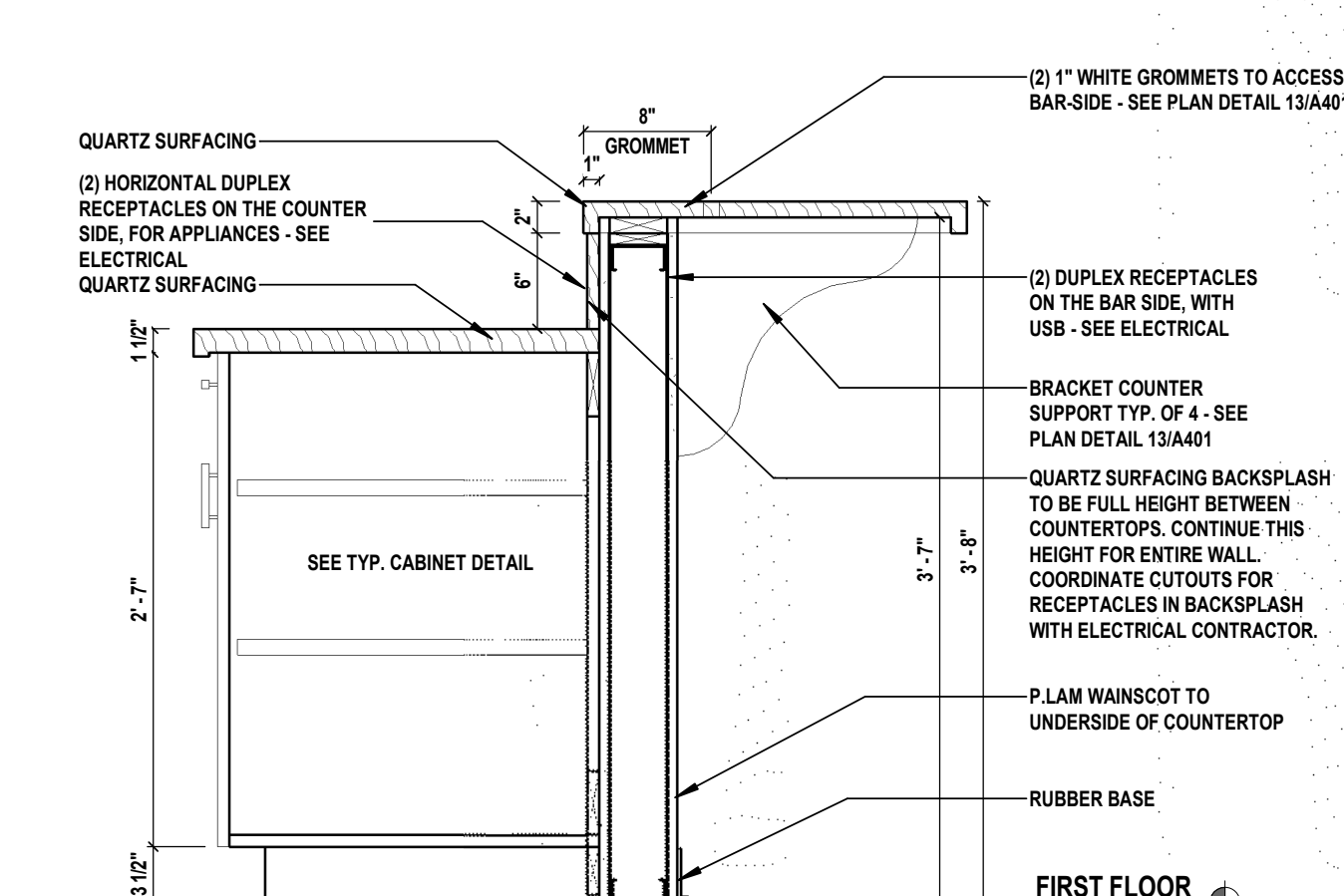
6 KITCHEN PLAN
 A 401 SCALE: 1/4" = 1'-0"



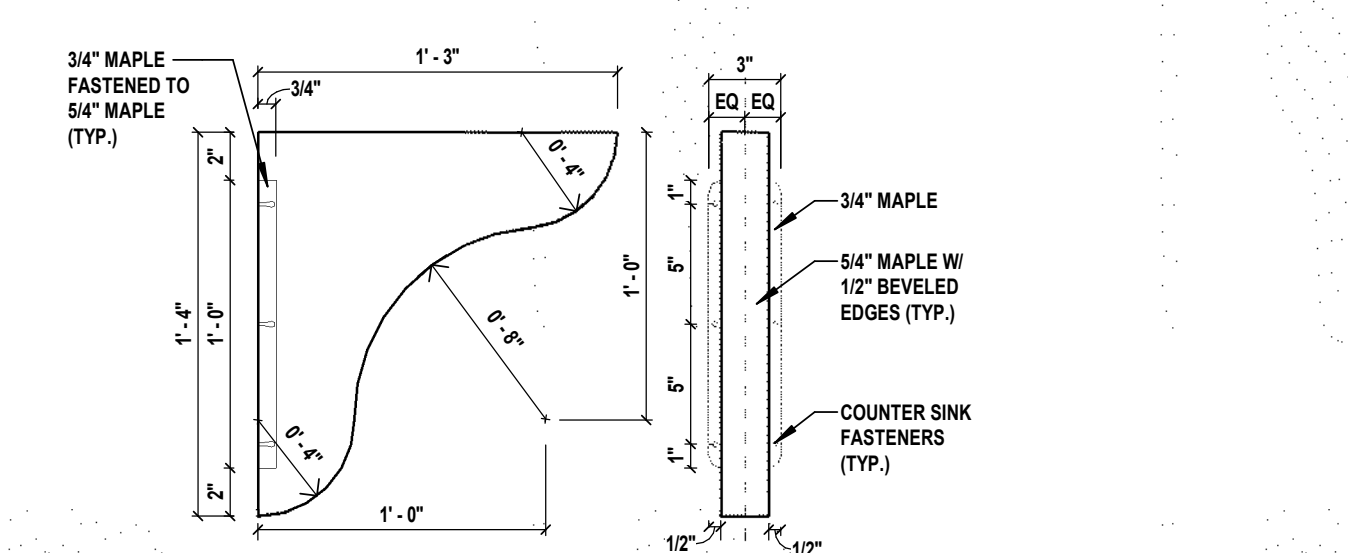
9 KITCHEN SOUTH ELEVATION
 A 401 SCALE: 1/4" = 1'-0"



11 KITCHEN EAST ELEVATION
 A 401 SCALE: 1/4" = 1'-0"



14 HIGH COUNTER DETAIL
 A 401 SCALE: 1" = 1'-0"



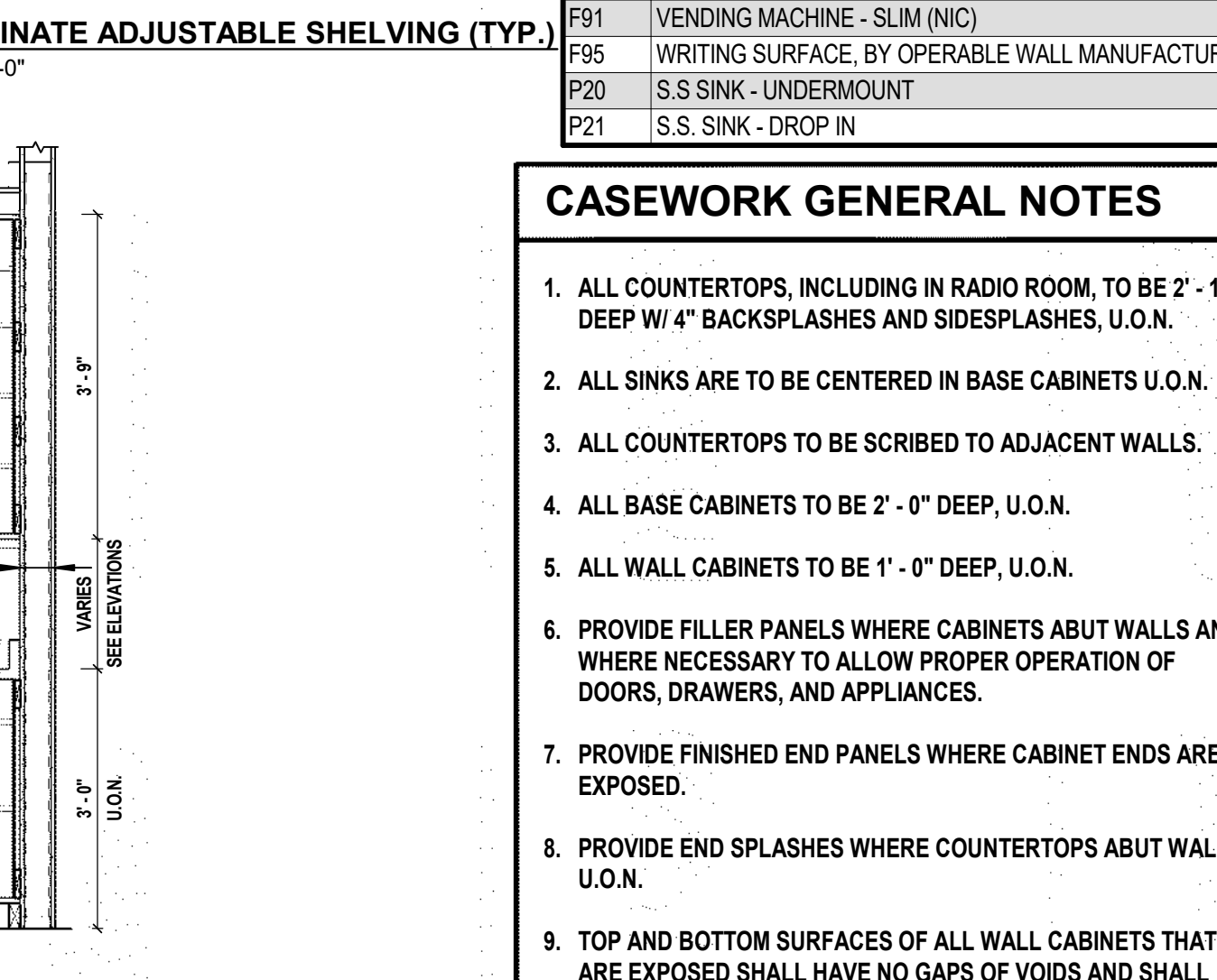
13 BRACKET DETAIL
 A 401 SCALE: 1 1/2" = 1'-0"

KEYNOTES

68	WARMING TABLE (NIC)
C1	BASE CABINET - SINK UNIT
C3	BASE CABINET - SINGLE DOOR W/ DRAWER
C5	BASE CABINET - DOUBLE DOOR W/ DRAWERS
C6	BASE CABINET - BLIND CORNER
C7	BASE CABINET - 4 DRAWERS
C8	BASE CABINET - FILLER PANEL
C9	BASE CABINET - ACCESSIBLE
C10	TALL CABINET - SINGLE DOOR, WITH 5 ADJUSTABLE SHELVES
C11	TALL CABINET - DOUBLE DOOR, WITH 5 ADJUSTABLE SHELVES
C12	WALL CABINET - SINGLE DOOR
C13	WALL CABINET - DOUBLE DOOR
C14	WALL CABINET - BLIND CORNER
C15	WALL CABINET - FILLER PANEL
C30	QUARTZ SURFACING COUNTERTOP
C32	QUARTZ SURFACING COUNTERTOP W/O BACK SPLASH (TYP) SIZE AS SHOWN
E50	GAS RANGE, 24" WIDE (NIC)
E51	GAS RANGE & GRIDDLE, 60" WIDE (NIC)
E52	COMMERCIAL HOOD, SEE M DRAWINGS
E53	COMMERCIAL FREEZER (NIC)
E54	COMMERCIAL REFRIGERATOR (NIC)
E58	DISHWASHER - UNDERCOUNTER (NIC)
E62	MICROWAVE (NIC)
E63	COFFEE MAKER (NIC)
E90	TV WALL MOUNT - FULL MOTION, TYPE C
F69	FIRE EXTINGUISHER - SURFACE MOUNTED (K), TYPE FE-2
F91	VENDING MACHINE - SLIM (NIC)
F95	WRITING SURFACE, BY OPERABLE WALL MANUFACTURER
P21	S.S. SINK - UNDERMOUNT
P22	S.S. SINK - DROP IN

CASEWORK GENERAL NOTES

- ALL COUNTERTOPS, INCLUDING IN RADIO ROOM, TO BE 2" - 1" DEEP W/ 4" BACKSPASHES AND SIDESPLASHES, U.O.N.
- ALL SINKS ARE TO BE CENTERED IN BASE CABINETS U.O.N.
- ALL COUNTERTOPS TO BE SCRIBED TO ADJACENT WALLS.
- ALL BASE CABINETS TO BE 2" - 0" DEEP, U.O.N.
- ALL WALL CABINETS TO BE 1" - 0" DEEP, U.O.N.
- PROVIDE FILLER PANELS WHERE CABINETS ABUT WALLS AND WHERE NECESSARY TO ALLOW PROPER OPERATION OF DOORS, DRAWERS, AND APPLIANCES.
- PROVIDE FINISHED END PANELS WHERE CABINET ENDS ARE EXPOSED.
- PROVIDE END SPLASHES WHERE COUNTERTOPS ABUT WALLS U.O.N.
- TOP AND BOTTOM SURFACES OF ALL WALL CABINETS THAT ARE EXPOSED SHALL HAVE NO GAPS OF VOIDS AND SHALL RECEIVE THE SAME FINISH AS THE FRONT AND SIDES.
- ALL BASE CABINETS TO RECEIVE RUBBER WALL BASE AT FRONT TOE KICK



10 PLASTIC LAMINATE ADJUSTABLE SHELVING (TYP.)
 A 401 SCALE: 1/2" = 1'-0"

12 CABINET SECTION DETAIL
 A 401 SCALE: 1/2" = 1'-0"

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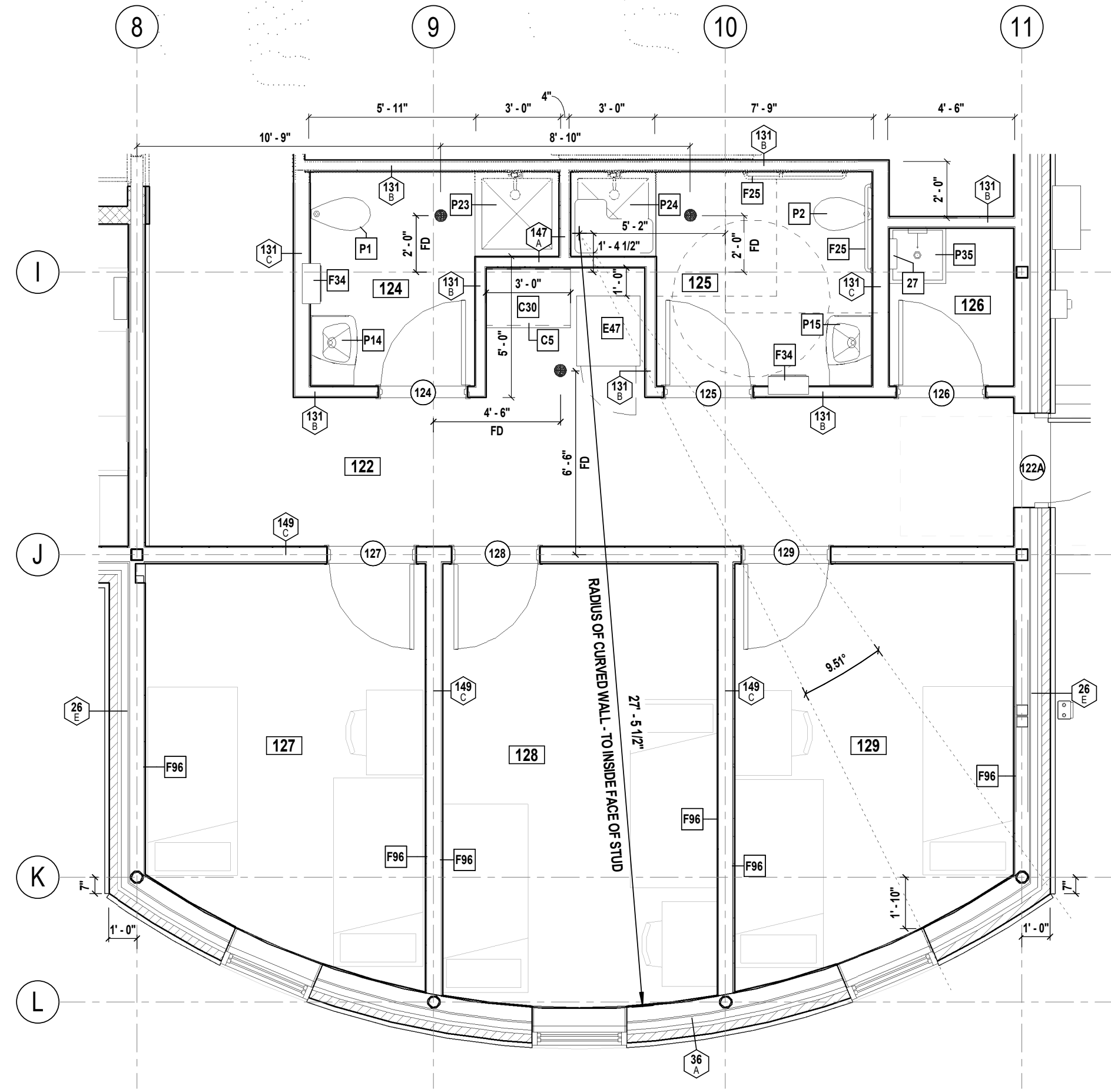


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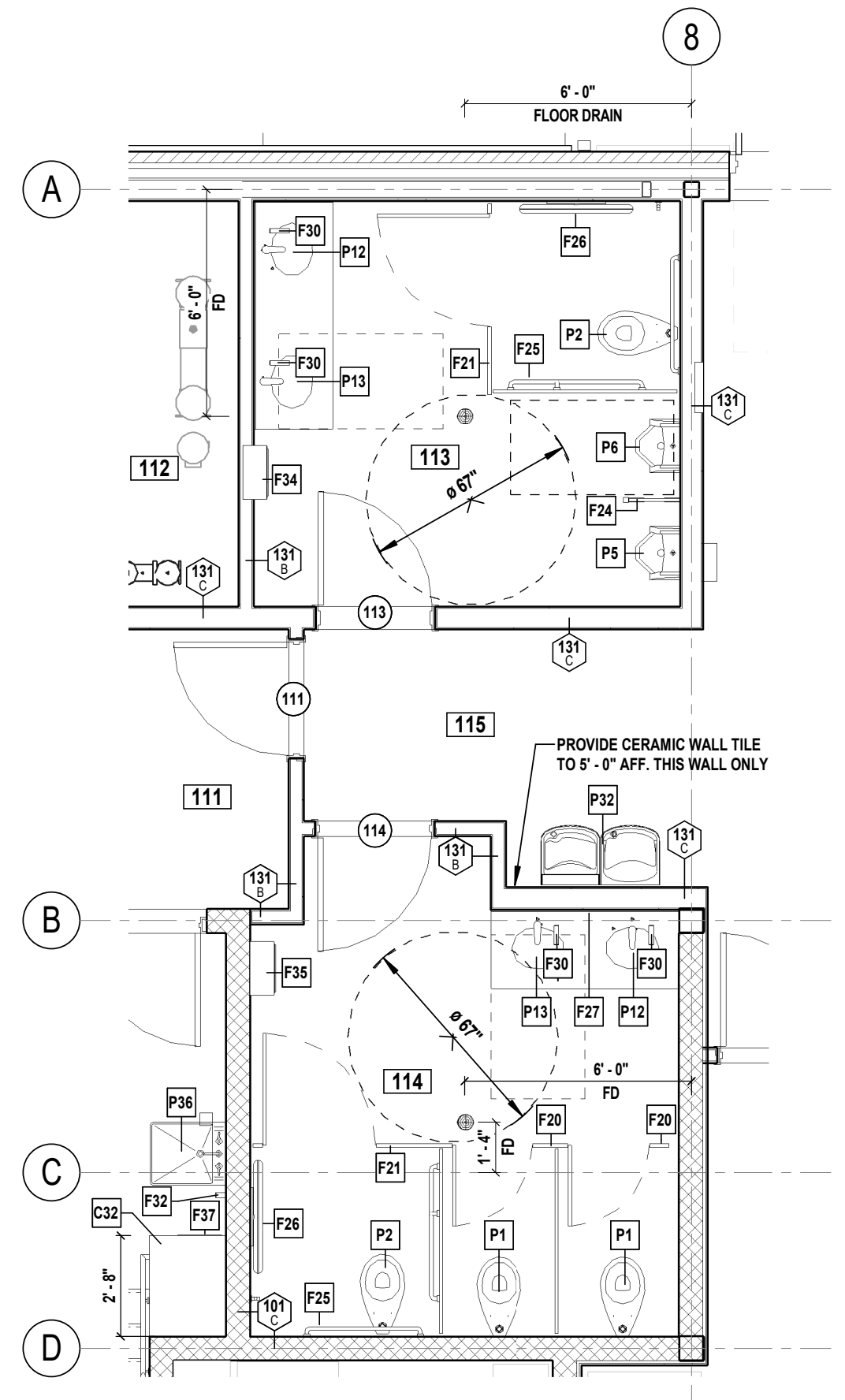
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SHEET TITLE
ENLARGED PLANS - BUNK SUITE & RESTROOMS

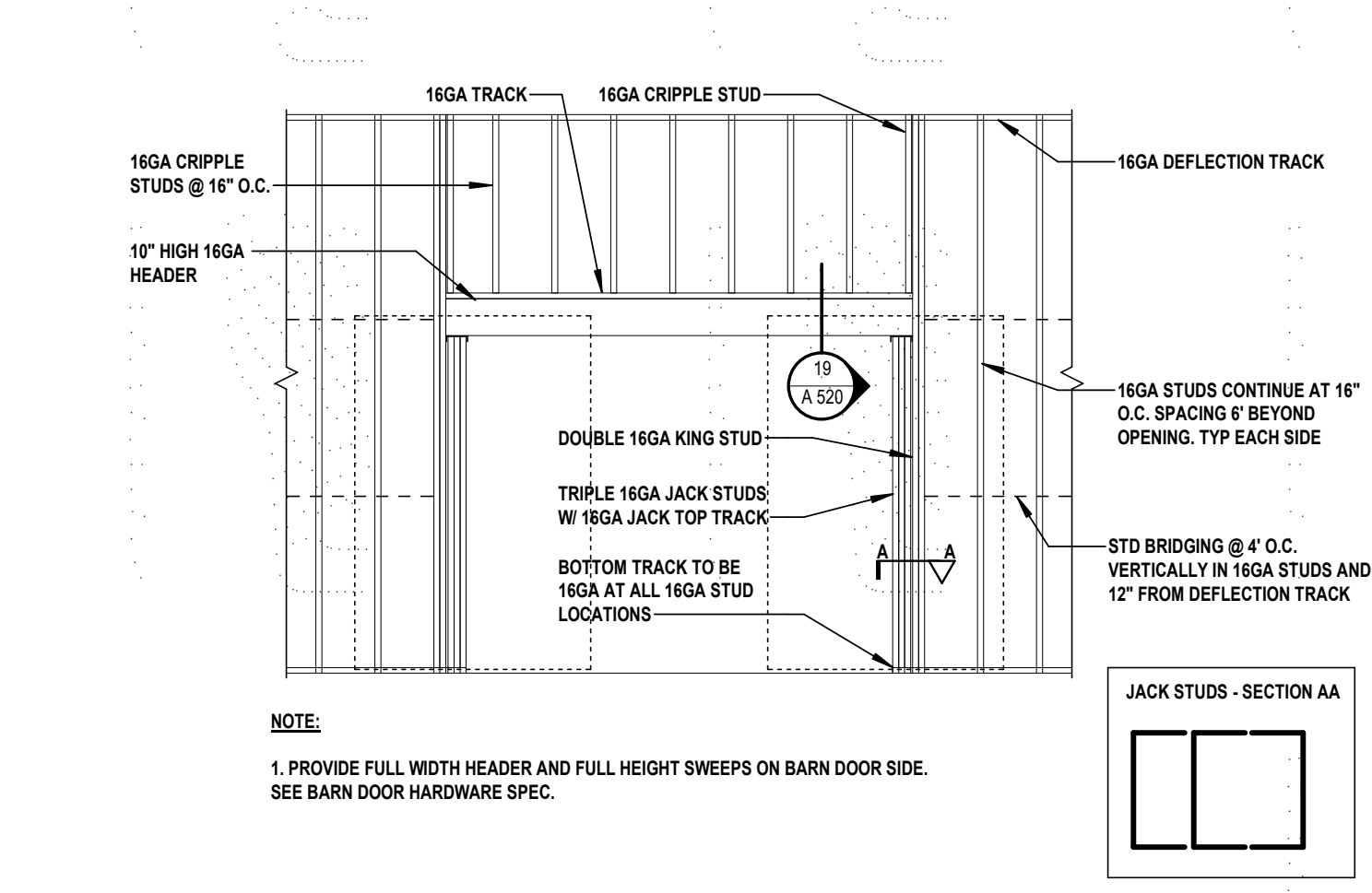
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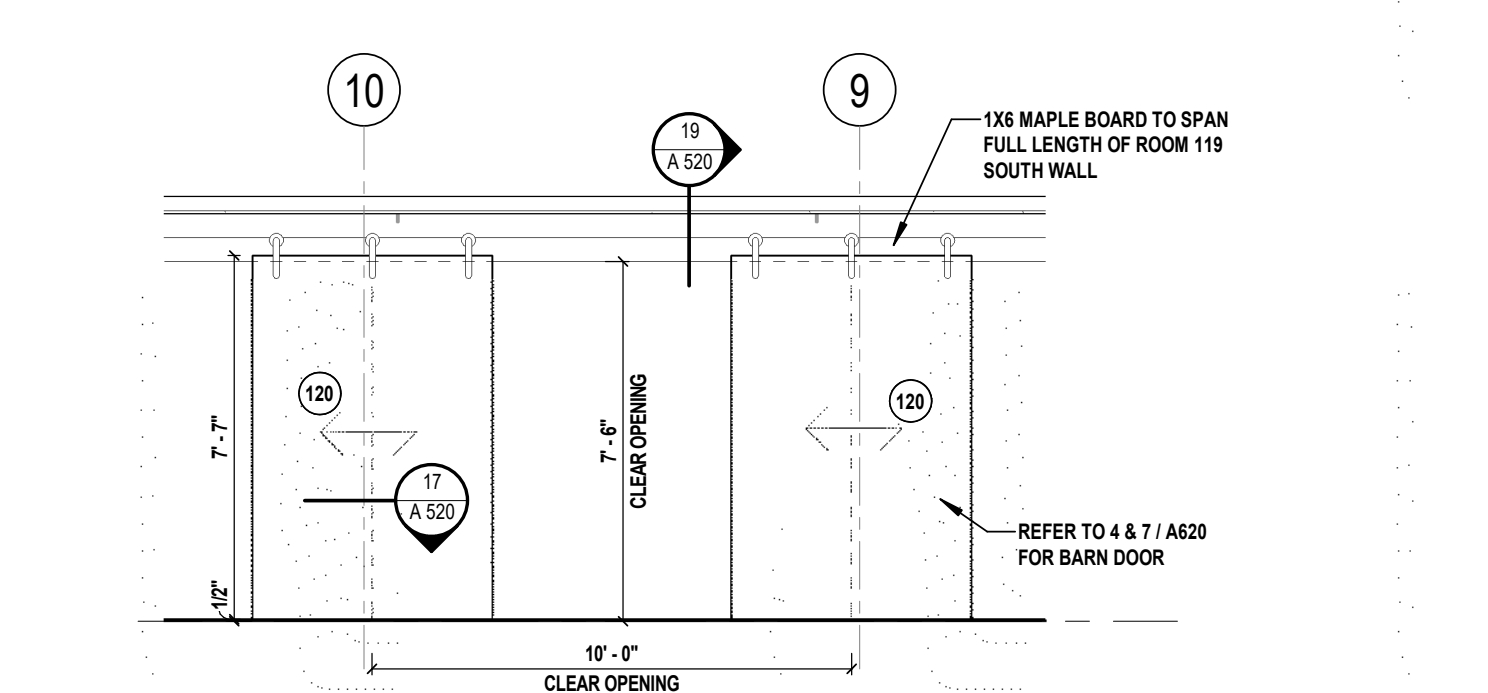
4 BUNK SUITE & RESTROOMS
SCALE: 1/4" = 1'-0"



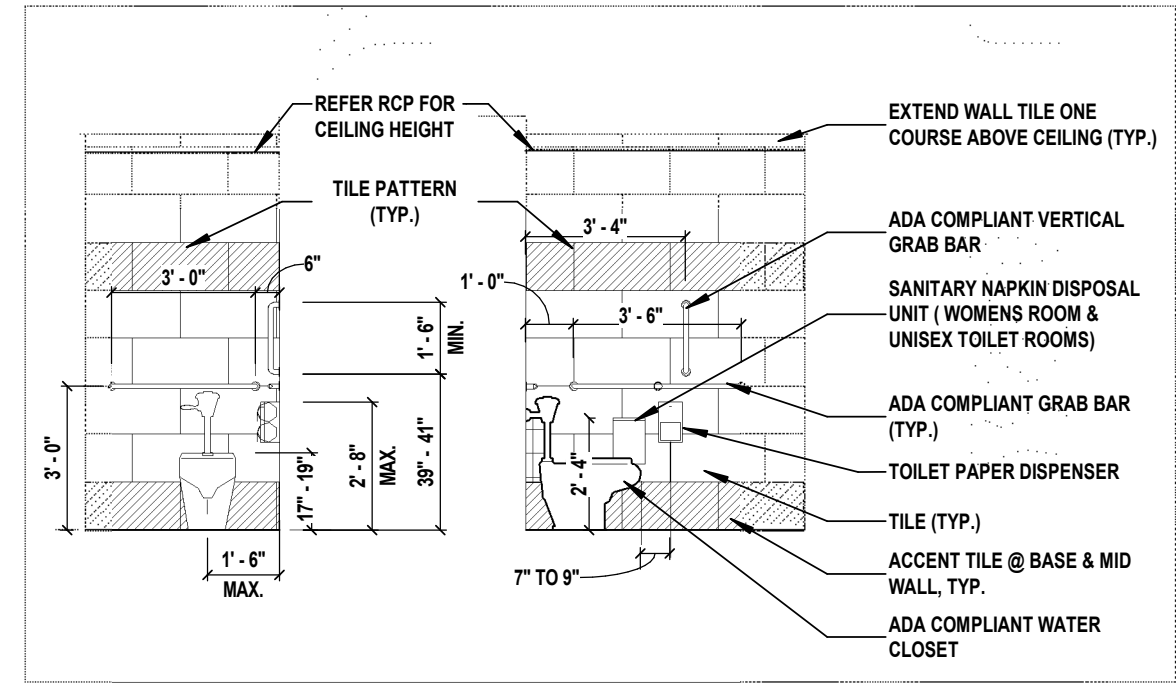
1 PUBLIC RESTROOMS
SCALE: 1/4" = 1'-0"



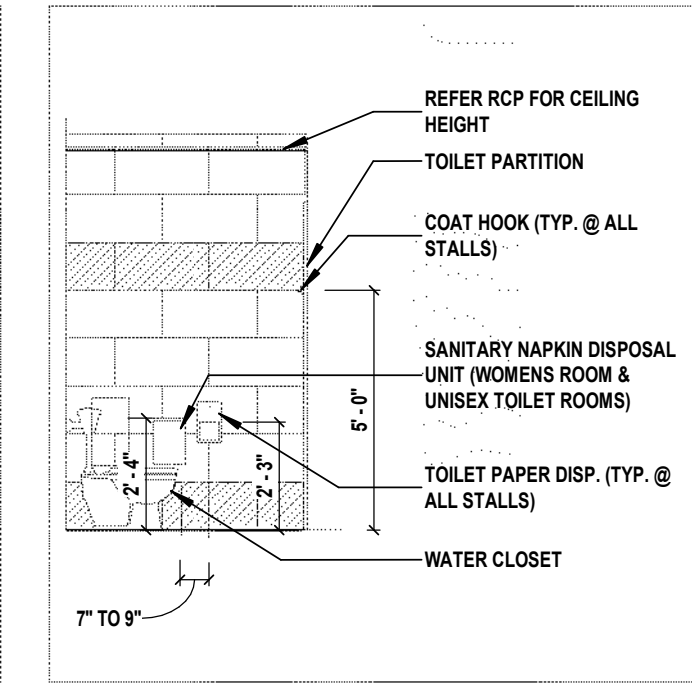
2 BARN DOOR FRAMING ELEVATION
SCALE: 1/4" = 1'-0"



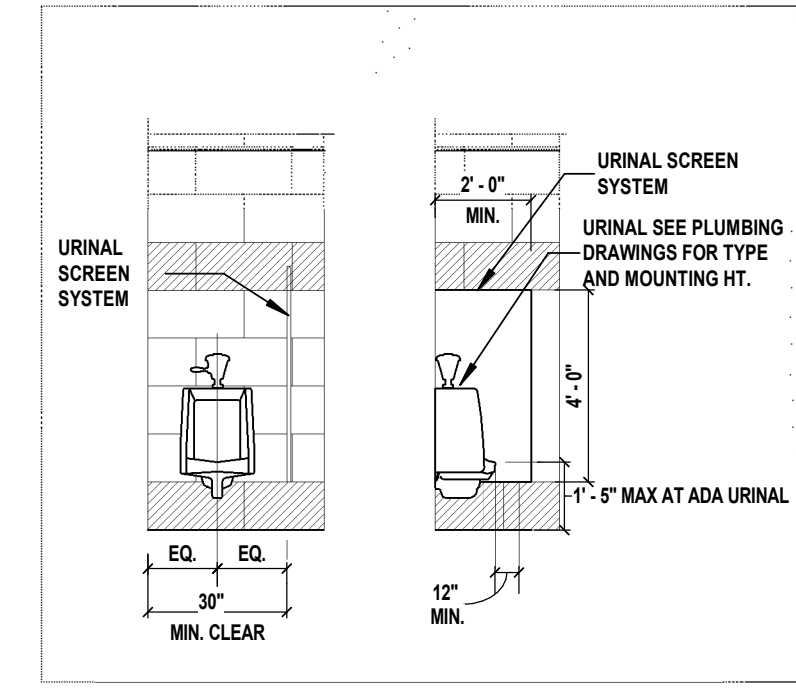
5 BARN DOOR ELEVATION
SCALE: 1/4" = 1'-0"



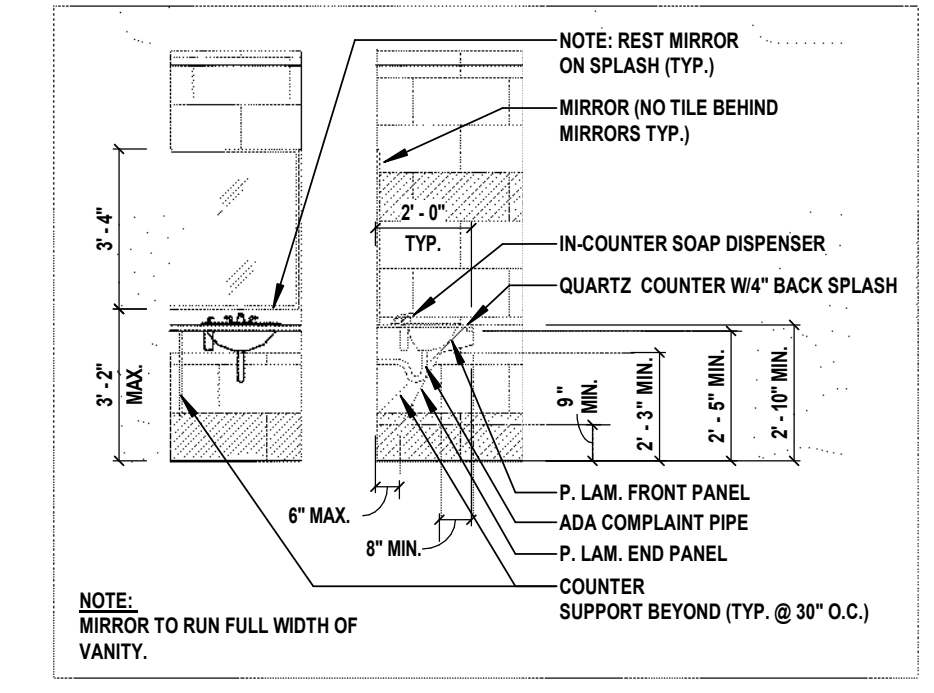
ACCESSIBLE TOILET



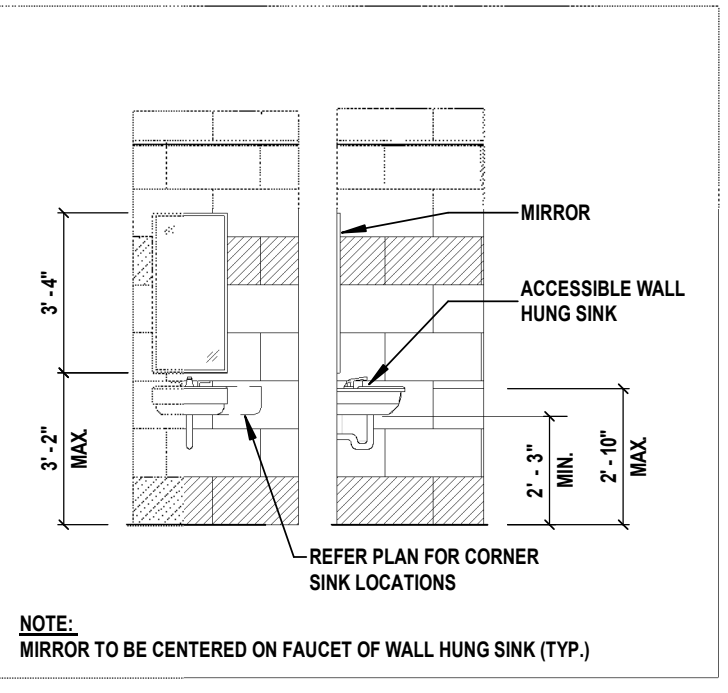
TYPICAL TOILET



ACCESSIBLE URINAL



ACCESSIBLE VANITY AREA



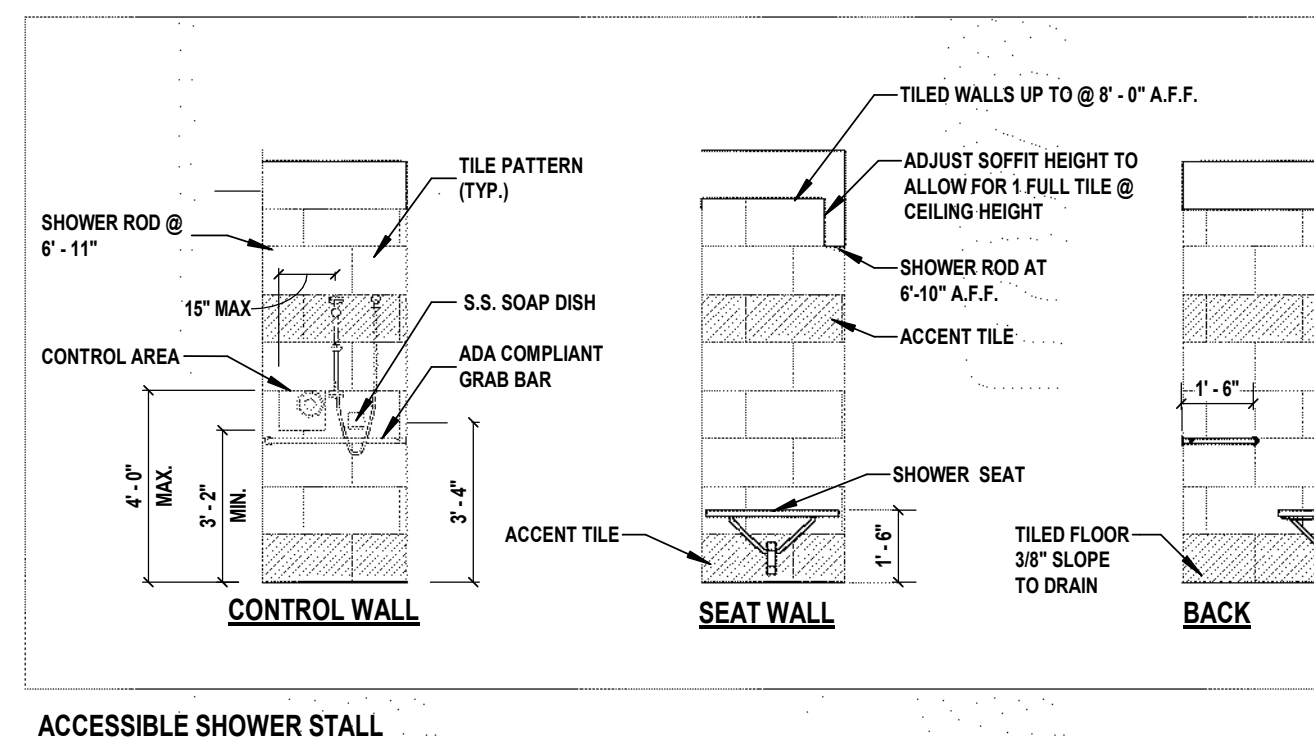
TYPICAL WALL HUNG SINK

NOTE

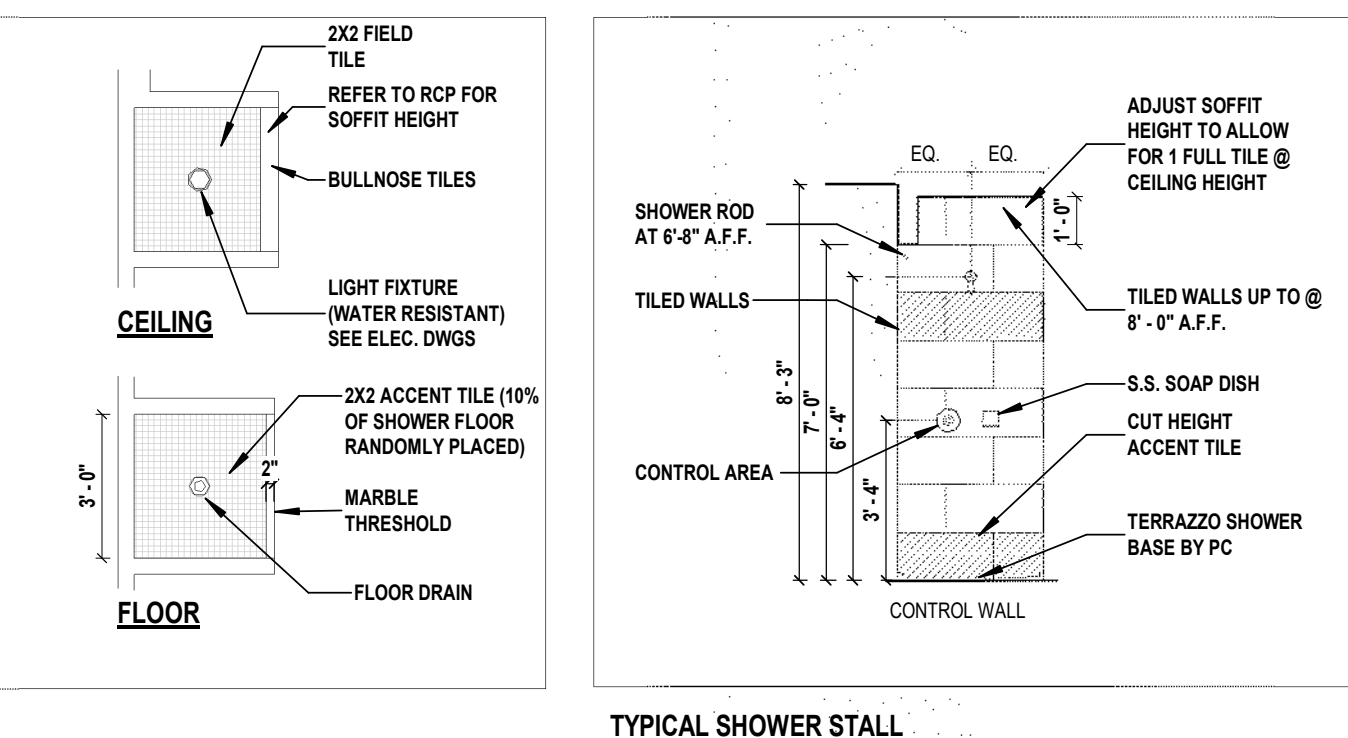
1. IN ALL ROOMS WITH TILE FLOORS AND FLOOR DRAINS, FINISH SHALL BE LOCALLY SLOPED TO DRAIN. NO RECESS IN SLAB.
2. ALL DIMENSIONS IN THESE DETAILS ON THIS DRAWING ARE MEASURED OFF FINISHED WALL SURFACES. U.O.N. SEE REFLECTED CEILING FINISHES FOR TOILET ROOM HEIGHTS. ALL WALL TILE SHALL BE 1 FULL TILE ABOVE THE CEILING (U.O.N). COORDINATE W/ CEILING INSTALLER

KEYNOTES

27	BROOM & MOP HOLDER
C5	BASE CABINET - DOUBLE DOOR W/ DRAWERS
C30	QUARTZ SURFACING COUNTERTOP
C32	QUARTZ SURFACING COUNTERTOP W/O BACK SPLASH (TYP) SIZE AS SHOWN
E47	RESIDENTIAL WASHER/ DRYER COMBO, STACKED (NIC)
F20	TOILET PARTITION
F21	TOILET PARTITION (ADA)
F24	URINAL SCREEN
F25	ADA GRAB BARS
F26	BABY CHANGING STATION - 27" AFF, SURFACE MOUNTED
F27	MIRROR
F30	SOAP DISPENSER
F32	SOAP DISPENSER - WALL MOUNTED
F34	PAPER TOWEL DISPENSER - RECESSED - TOP OF PAPER TOWEL OPENING @ 42" AFF
F35	PAPER TOWEL DISPENSER - SURFACE MOUNTED - TOP OF PAPER TOWEL OPENING @ 42" AFF
F37	MINI PAPER TOWEL DISPENSER - RECESSED - 40" AFF FROM OPENING
F96	WOOD BLOCKING - FOR OWNER PROVIDED FOLD-OUT BUNKS (NIC)
P1	TOILET - FLOOR MOUNTED
P2	TOILET - FLOOR MOUNTED (ADA)
P5	URINAL
P6	URINAL (ADA)
P12	LAVATORY - DROP IN
P13	LAVATORY - DROP IN (ADA)
P14	LAVATORY - CORNER WALL MOUNTED
P15	LAVATORY - CORNER WALL MOUNTED (ADA)
P23	SHOWER STALL
P24	SHOWER STALL (ADA)
P32	DRINKING FOUNTAIN - SPOUT OUTLET MAX 36" AFF
P35	MOP SERVICE BASIN
P36	WASH SINK



ACCESSIBLE SHOWER STALL



TYPICAL SHOWER STALL

TYPICAL C.T. BASE

3 TOILET ROOM AND SHOWER ELEVATIONS (TYP.)
SCALE: 1/4" = 1'-0"

CONSULTANTS:

MARK	DATE	DESCRIPTION
00	MAR. 6, 2024	90% - NFC

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DESIGNED BY:	DRAWN BY:	CHECKED BY:	REVIEWED BY:
DJP	SKM	KNP	JBL

PROJECT No: BOME2201 DATE: MAR 12, 2024 SCALE: AS SHOWN

CLIENT
Borough of Metuchen
EMERGENCY SERVICES CENTER

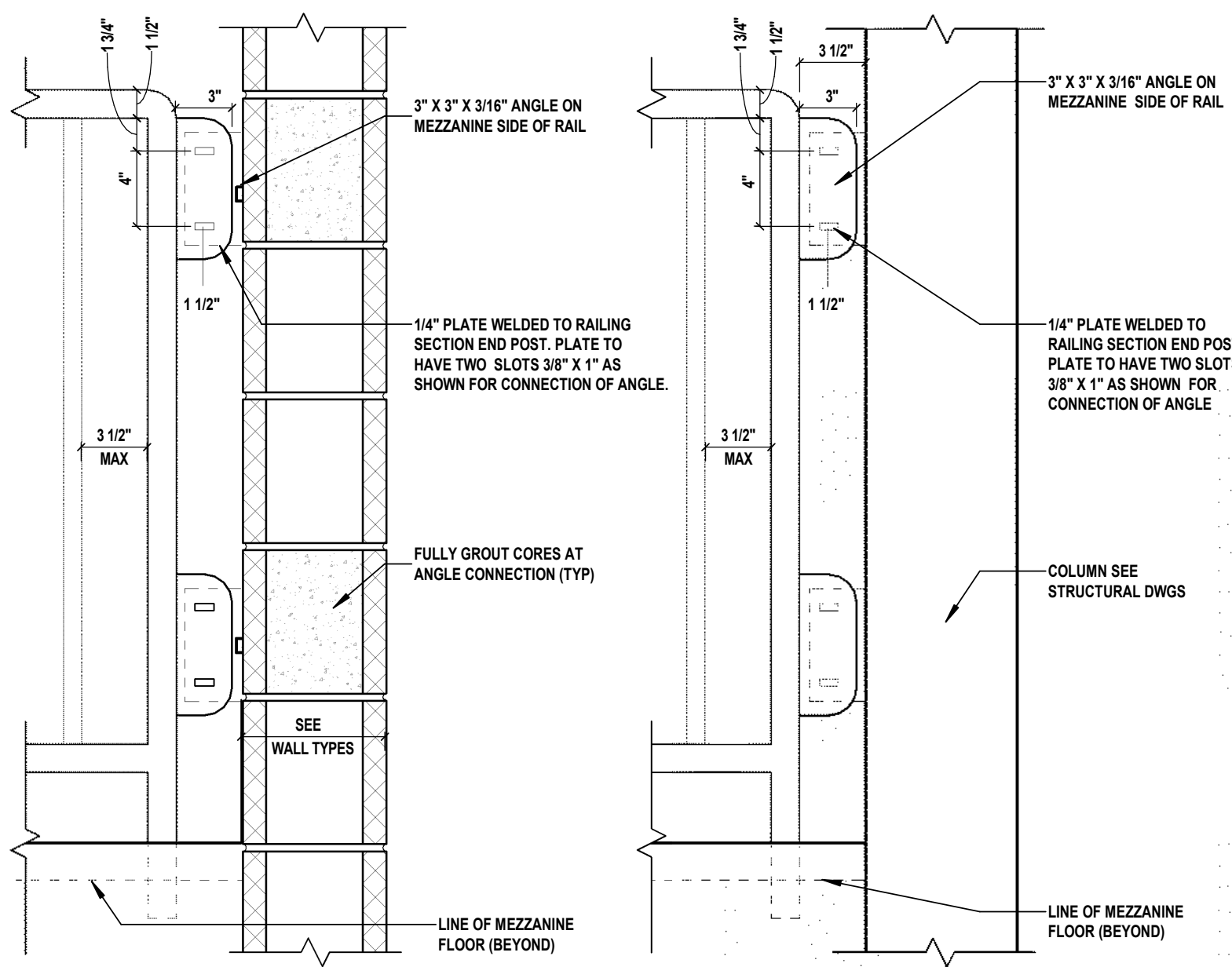


1 SAFETY PLACE
METUCHEN, NJ 08840
BOROUGH OF METUCHEN
COUNTY OF MIDDLESEX
NEW JERSEY

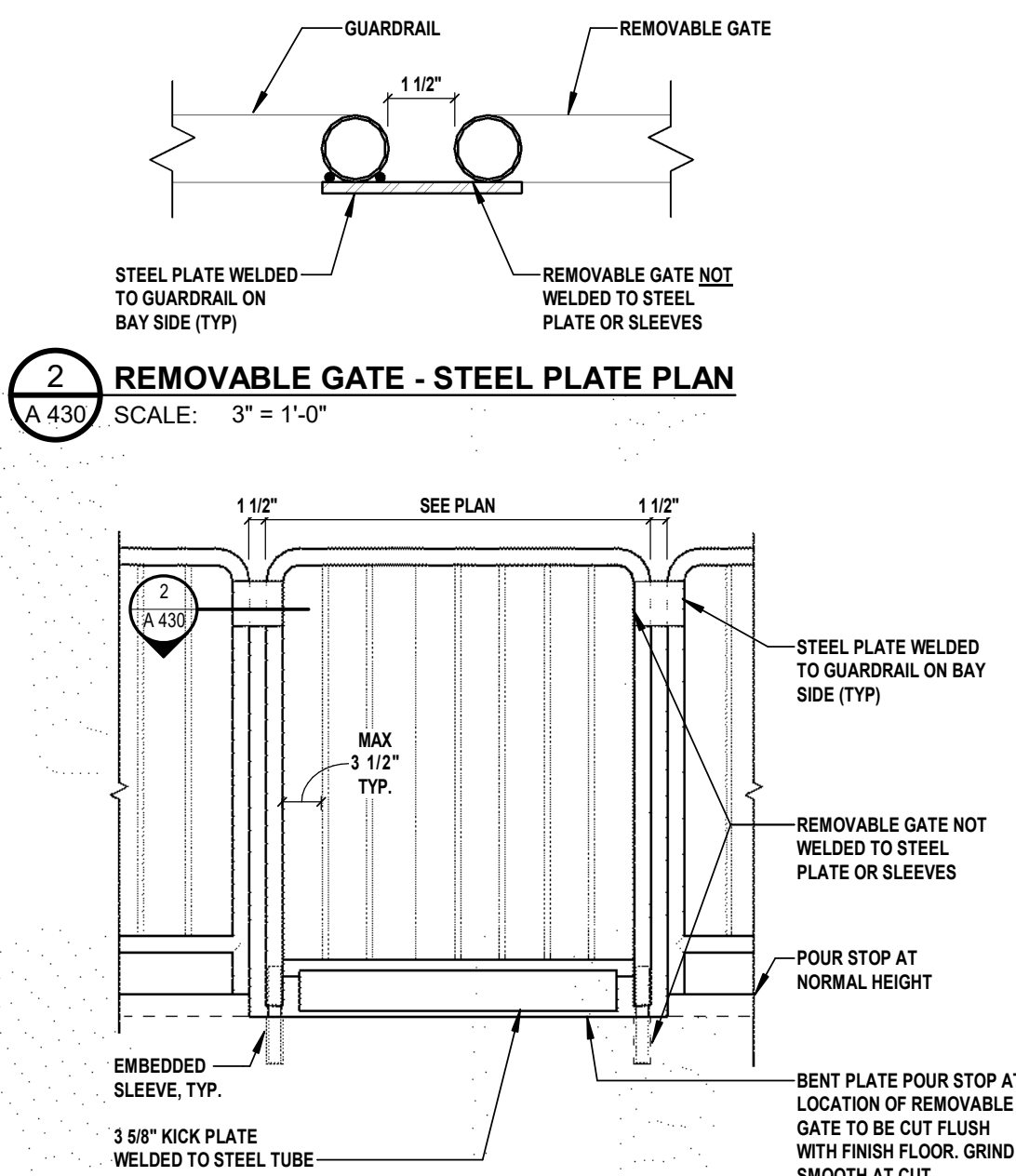
STATUS **90% - NFC**

SHEET TITLE
ENLARGED STAIR PLANS & DETAILS

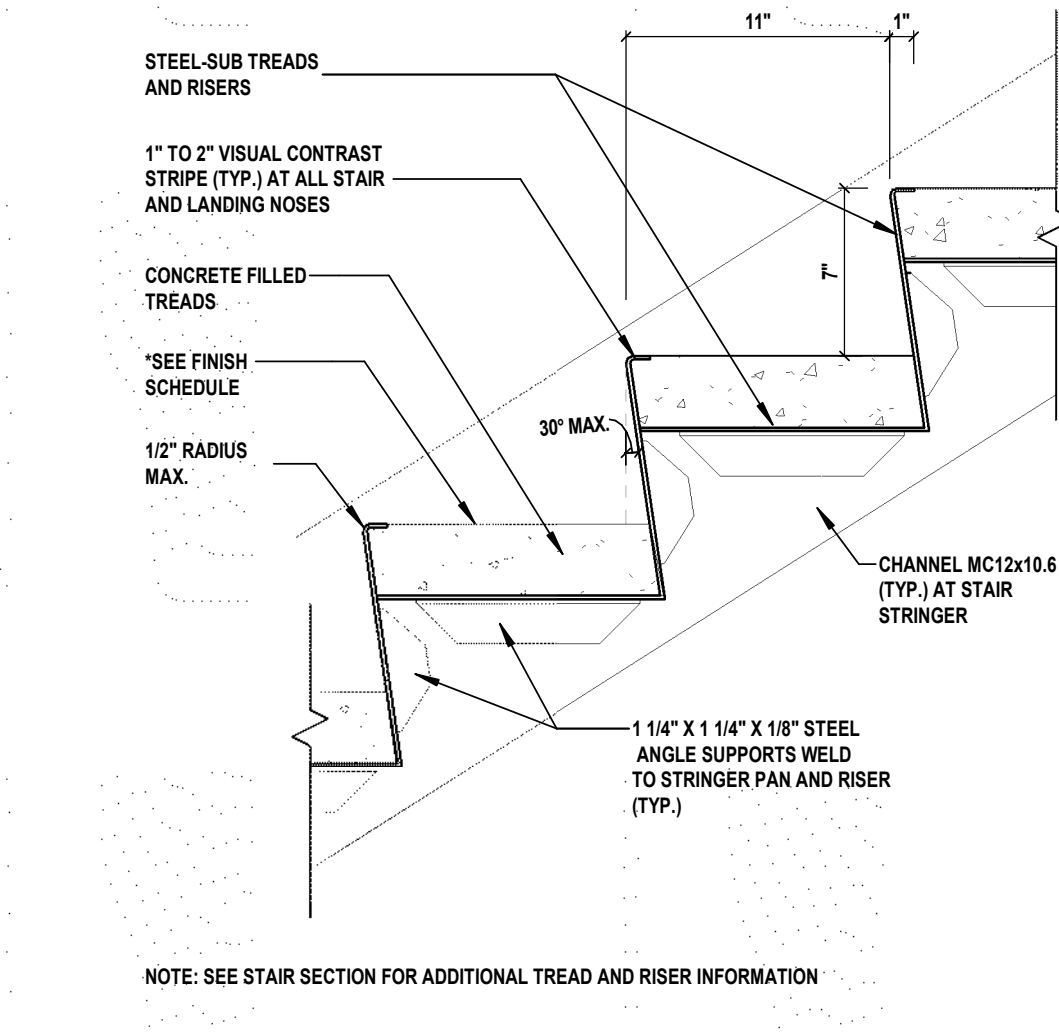
DRAWING No. **A 430.00**



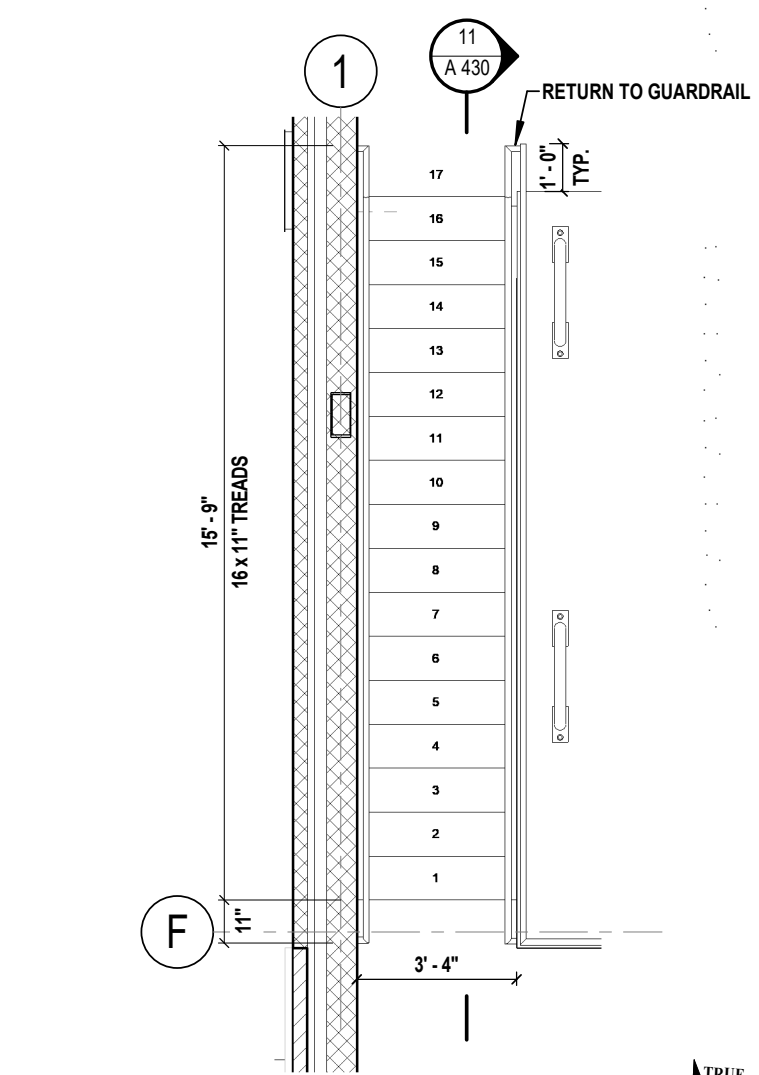
1 RAILING TO WALL CONNECTION AT MEZZANINE - ELEVATION (TYP.)
 A 430 SCALE: 1 1/2" = 1'-0"



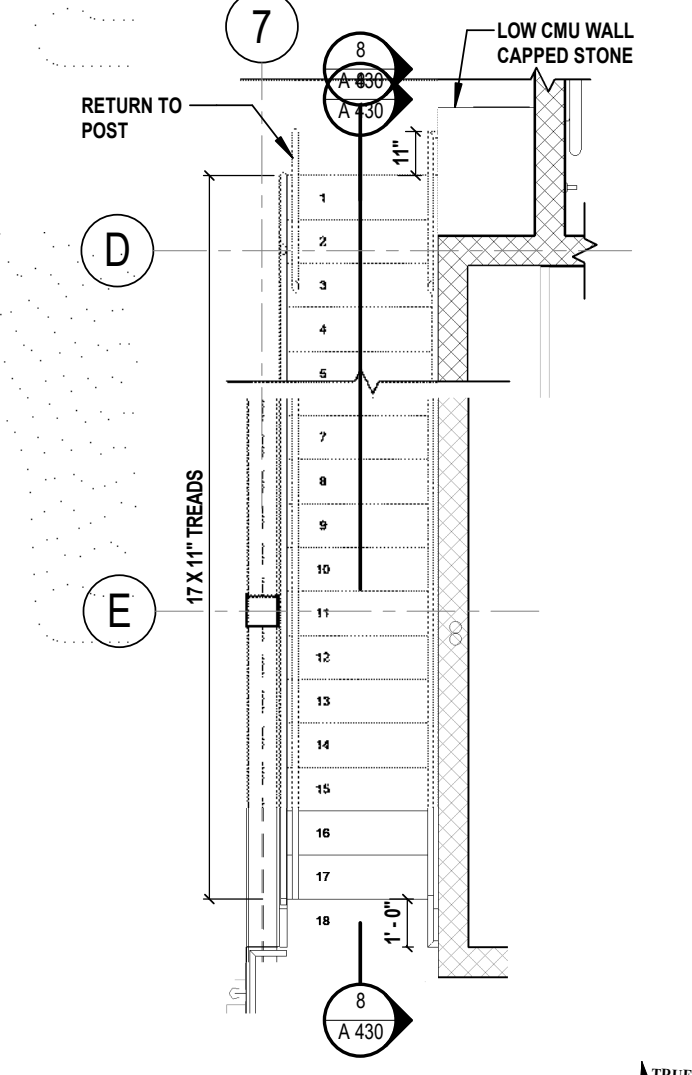
2 REMOVABLE GATE - STEEL PLATE PLAN
 A 430 SCALE: 3" = 1'-0"



4 TREAD/ RISER SECTION (TYP.)
 A 430 SCALE: 1 1/2" = 1'-0"



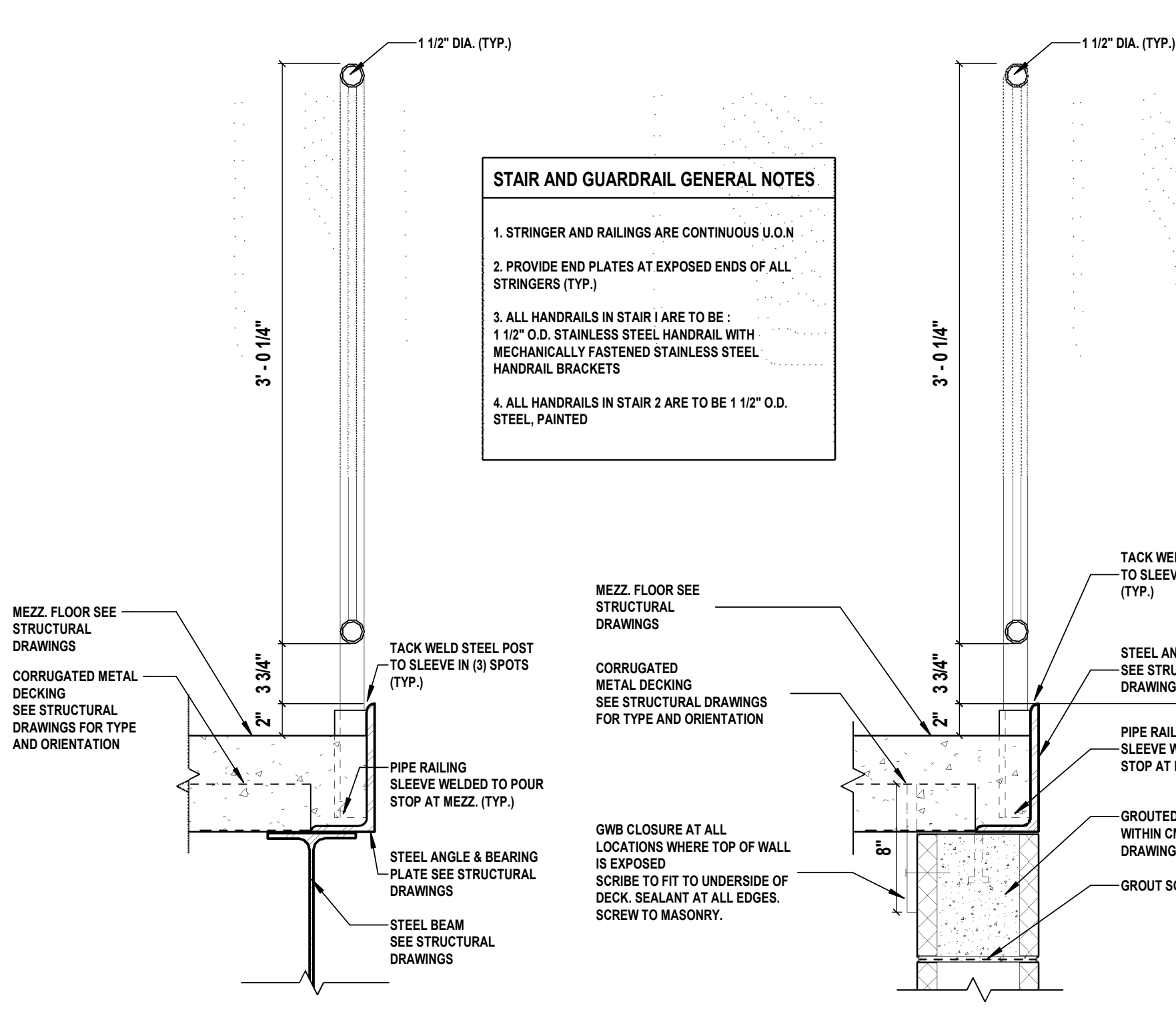
5 STAIR 1 - PLAN
 A 430 SCALE: 1/4" = 1'-0"



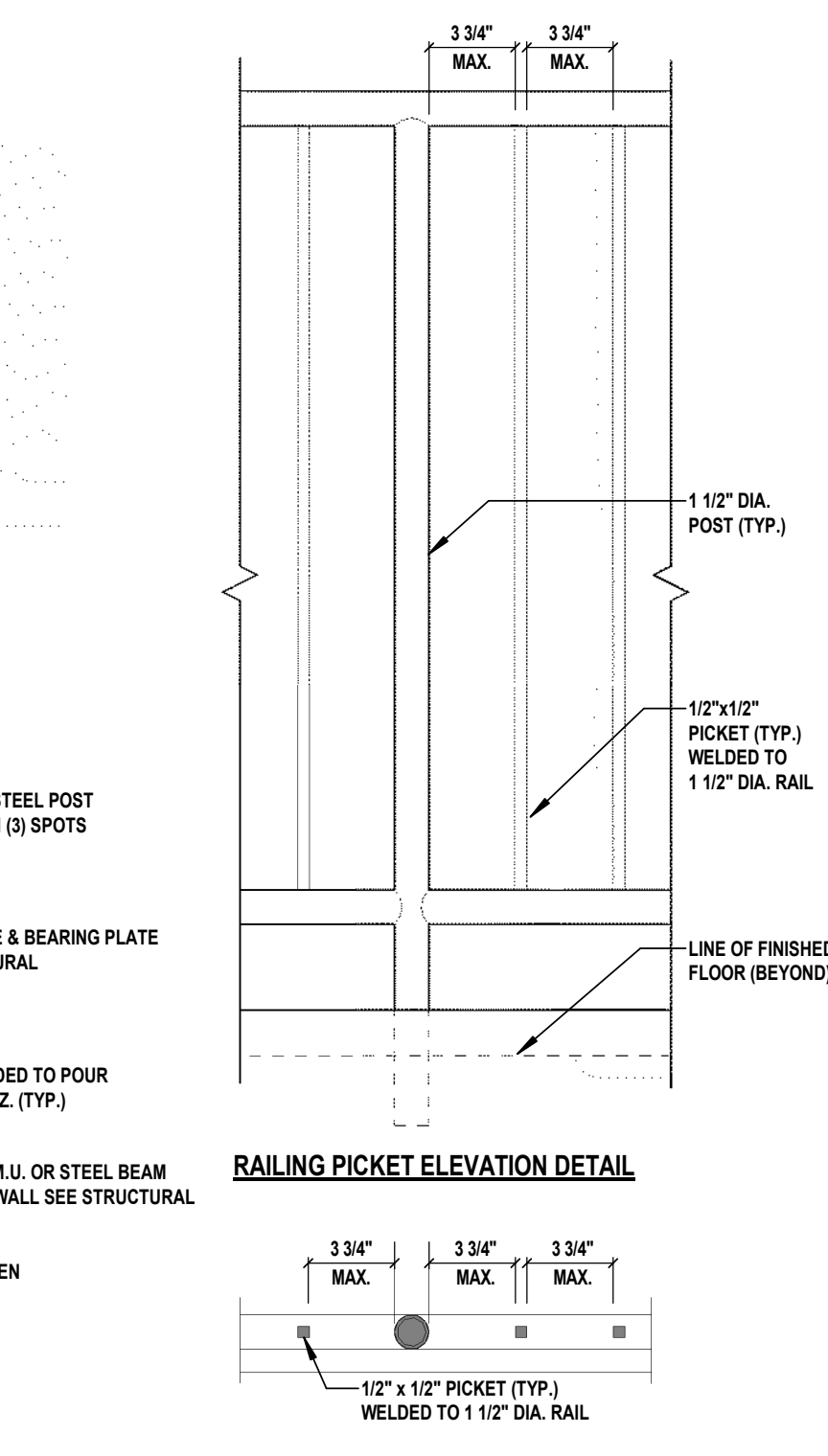
6 STAIR 2 - PLAN
 A 430 SCALE: 1/4" = 1'-0"

STAIR AND GUARDRAIL GENERAL NOTES

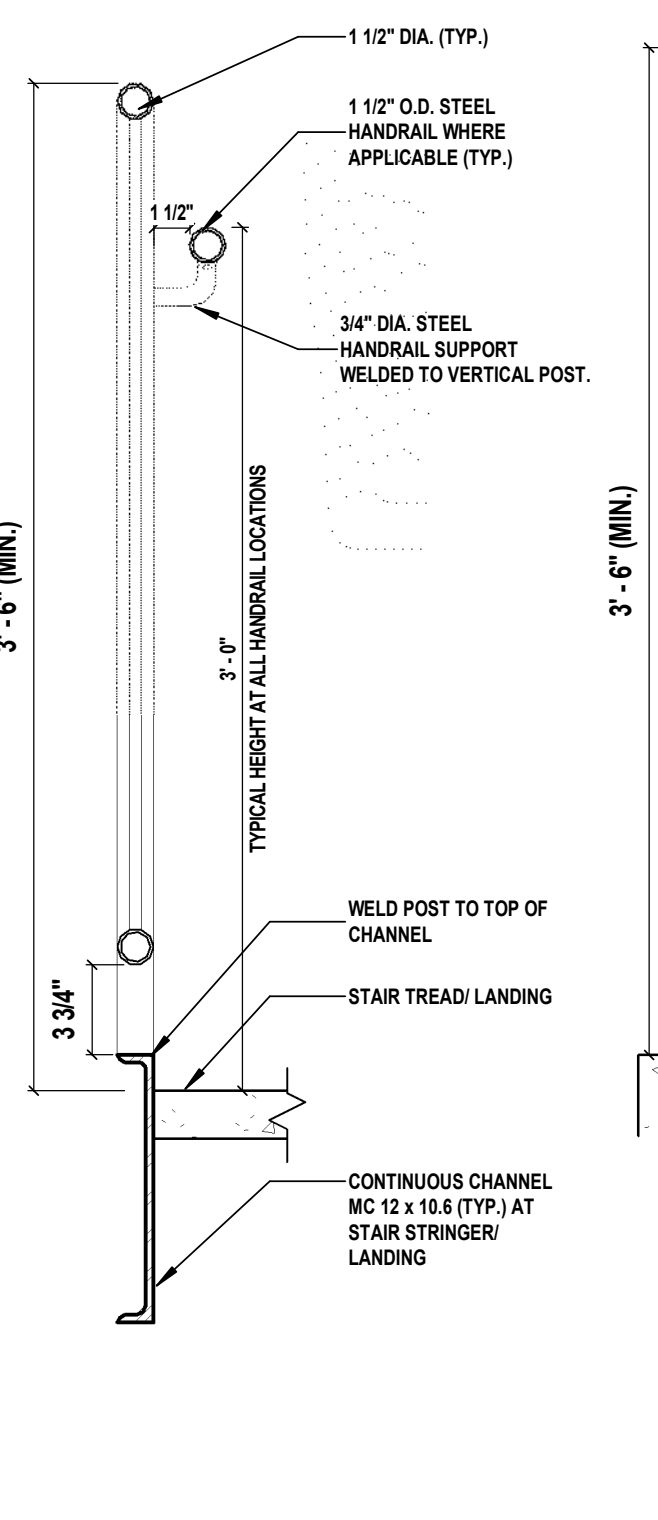
1. STRINGER AND RAILINGS ARE CONTINUOUS U.O.N
2. PROVIDE END PLATES AT EXPOSED ENDS OF ALL STRINGERS (TYP.)
3. ALL HANDRAILS IN STAIR 1 ARE TO BE: 1 1/2" O.D. STAINLESS STEEL HANDRAIL WITH MECHANICALLY FASTENED STAINLESS STEEL HANDRAIL BRACKETS
4. ALL HANDRAILS IN STAIR 2 ARE TO BE 1 1/2" O.D. STEEL, PAINTED



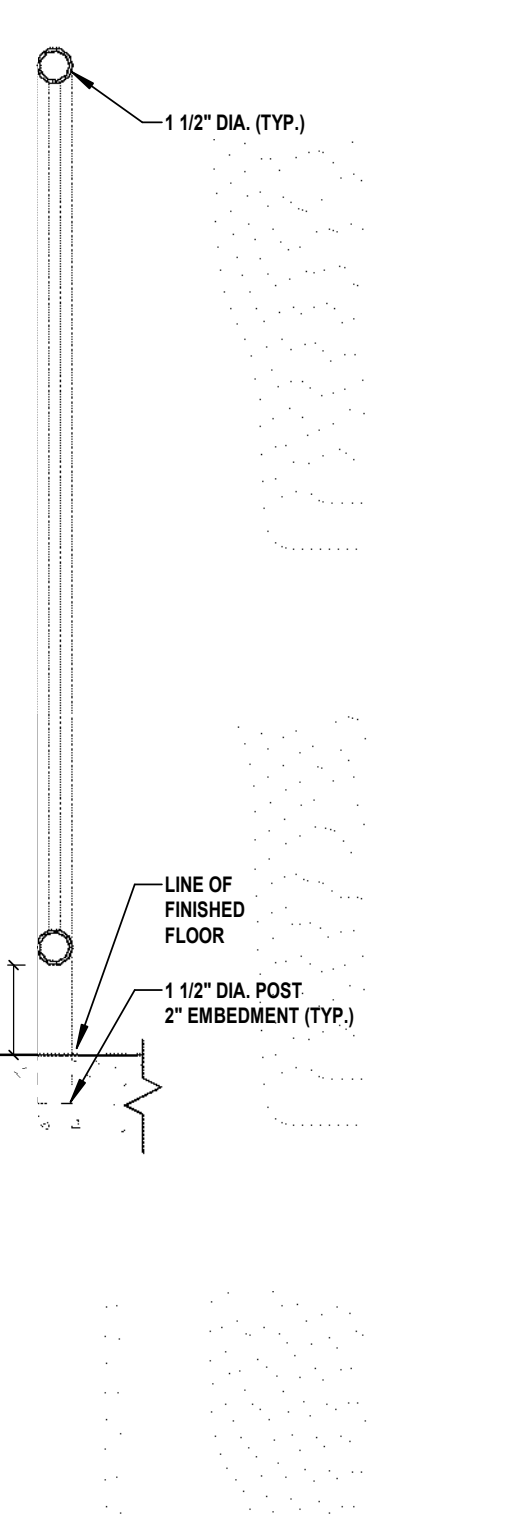
RAILING SECTION AT SLAB EDGE & STEEL BEAM



RAILING SECTION AT SLAB EDGE & CMU WALL



RAILING PICKET SPACING PLAN DETAIL



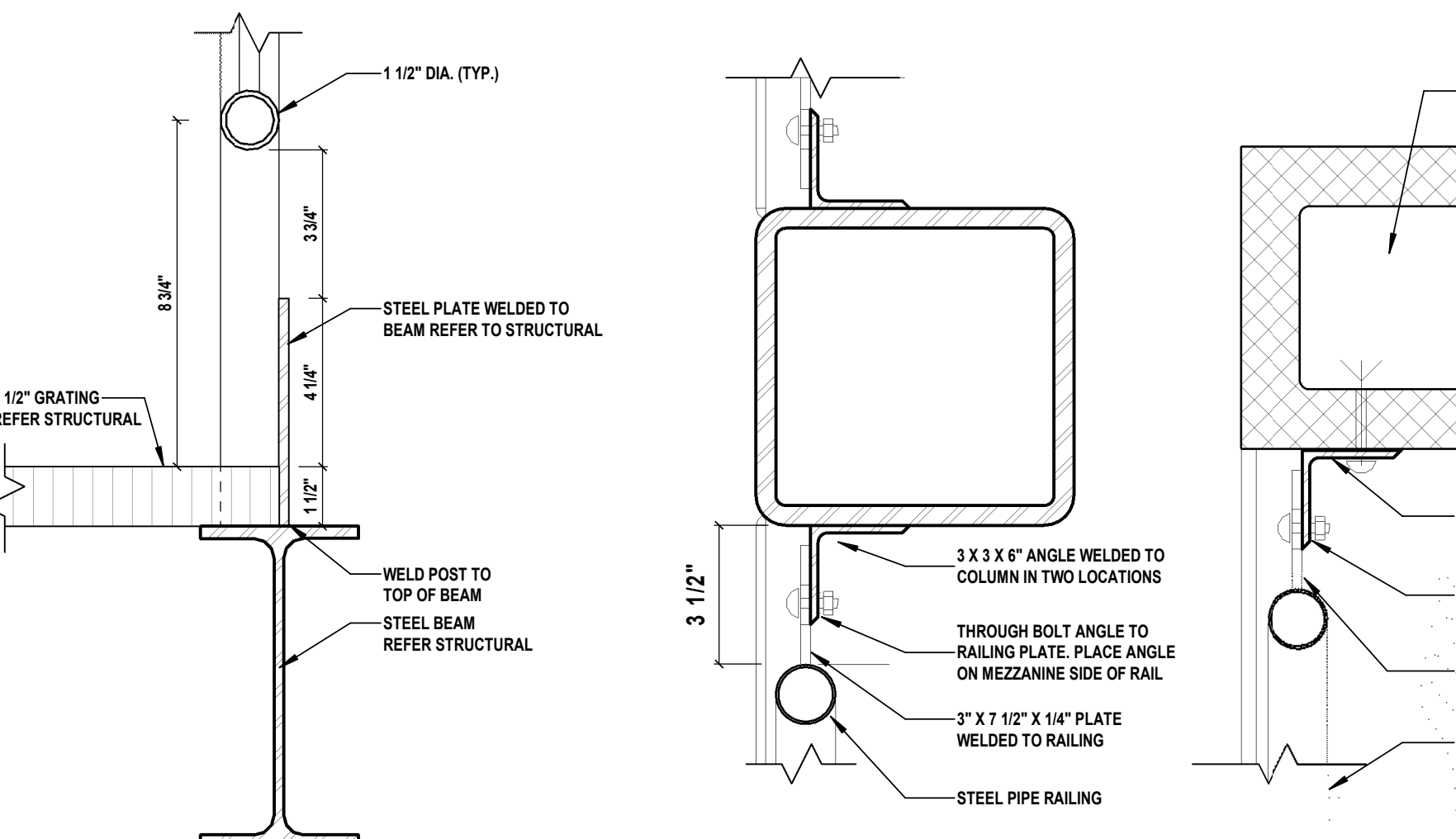
RAILING CONNECTION AT STAIR STRINGER



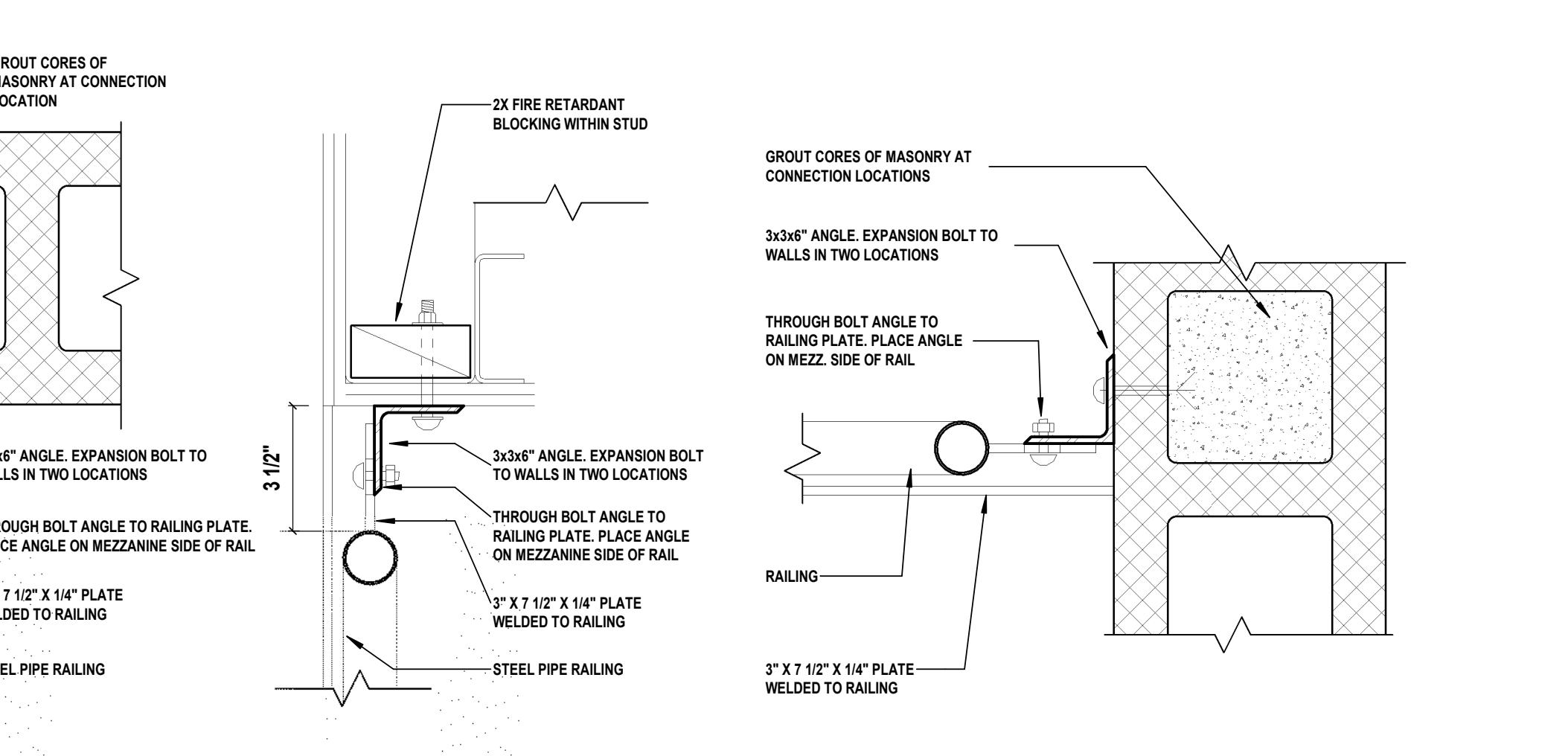
RAILING CONNECTION AT SLAB

7 RAILING DETAILS AT STAIR AND MEZZANINE (TYP.)
 A 430 SCALE: 1 1/2" = 1'-0"

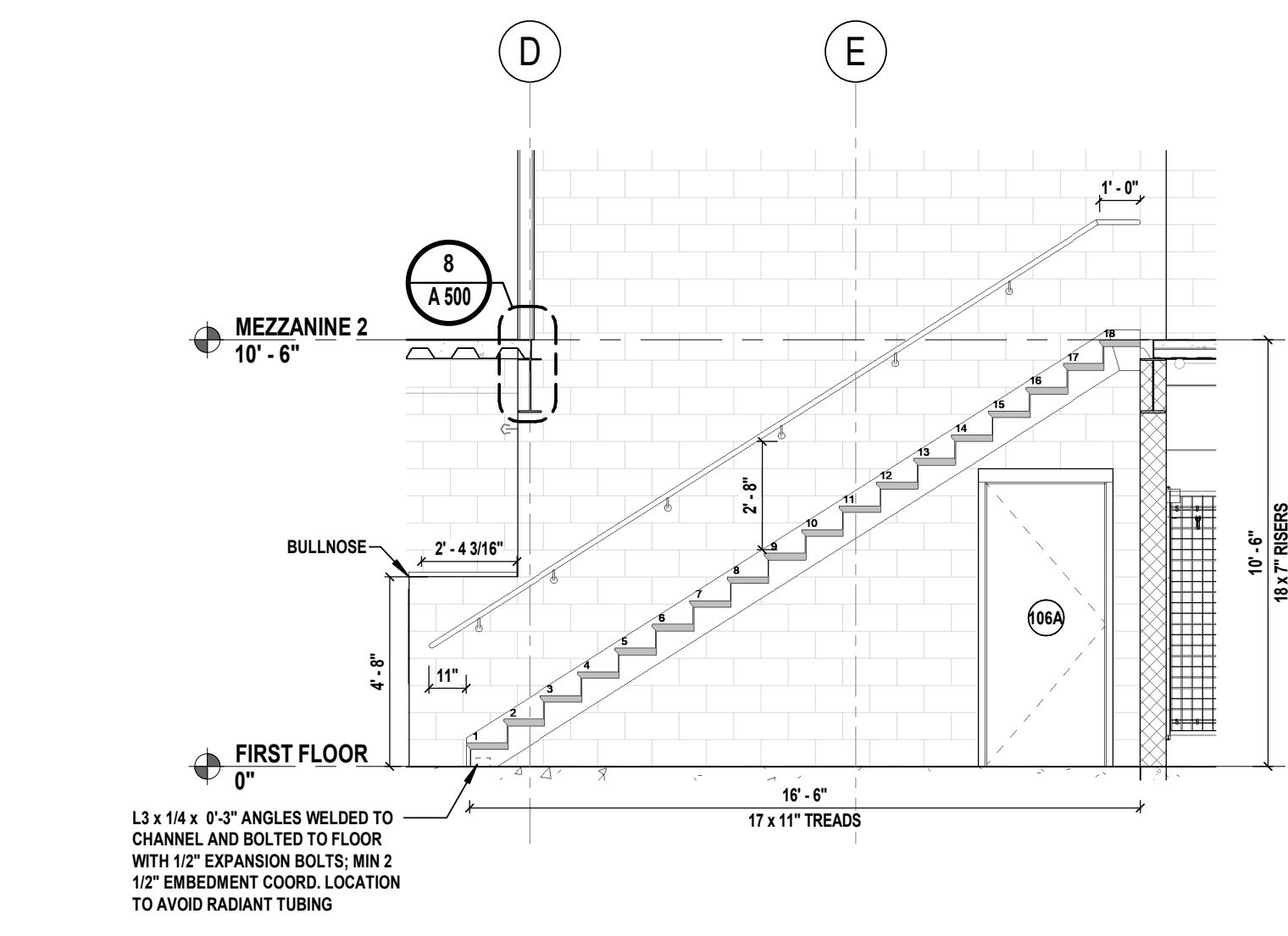
8 STAIR 2 - SECTION
 A 430 SCALE: 1/4" = 1'-0"



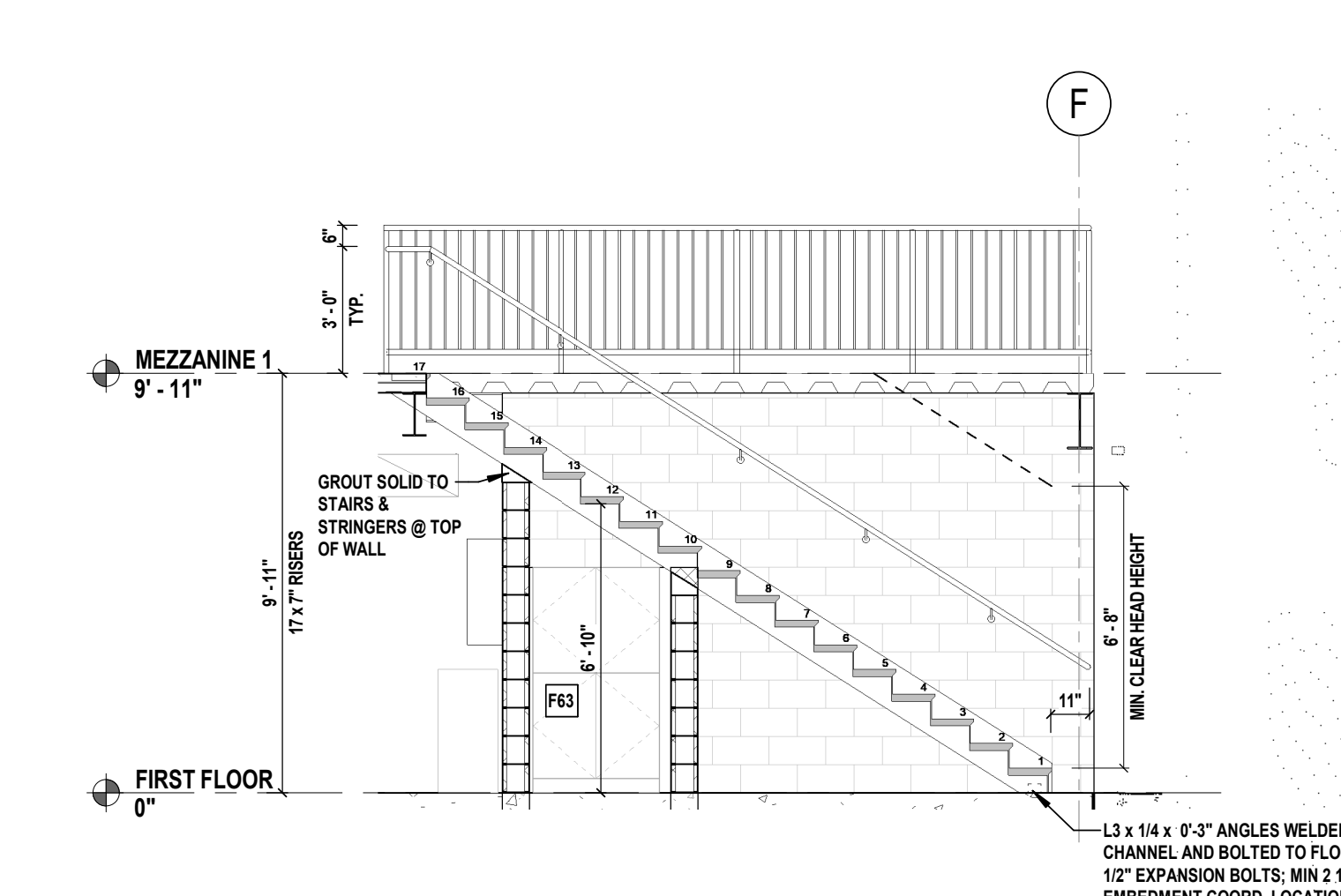
9 RAILING DETAIL AT TOWER GRATING
 A 430 SCALE: 3" = 1'-0"



10 RAILING TO WALL ATTACHMENT AT MEZZANINE - PLAN (TYP.)
 A 430 SCALE: 3" = 1'-0"



8 STAIR 2 - SECTION
 A 430 SCALE: 1/4" = 1'-0"



11 STAIR 1 - SECTION
 A 430 SCALE: 1/4" = 1'-0"

3/12/2024 2:43:05 PM C:\Users\amery\Documents\BOME2201_Contract_LA_amery\NDAL\A-430

CONSULTANTS:

MARK	DATE	DESCRIPTION
00	MAR. 6, 2024	90% - NFC

PROJECT No: BOME2201
 DATE: MAR 12, 2024
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 DRAWN BY: SKM
 CHECKED BY: KNP
 REVIEWED BY: JBL

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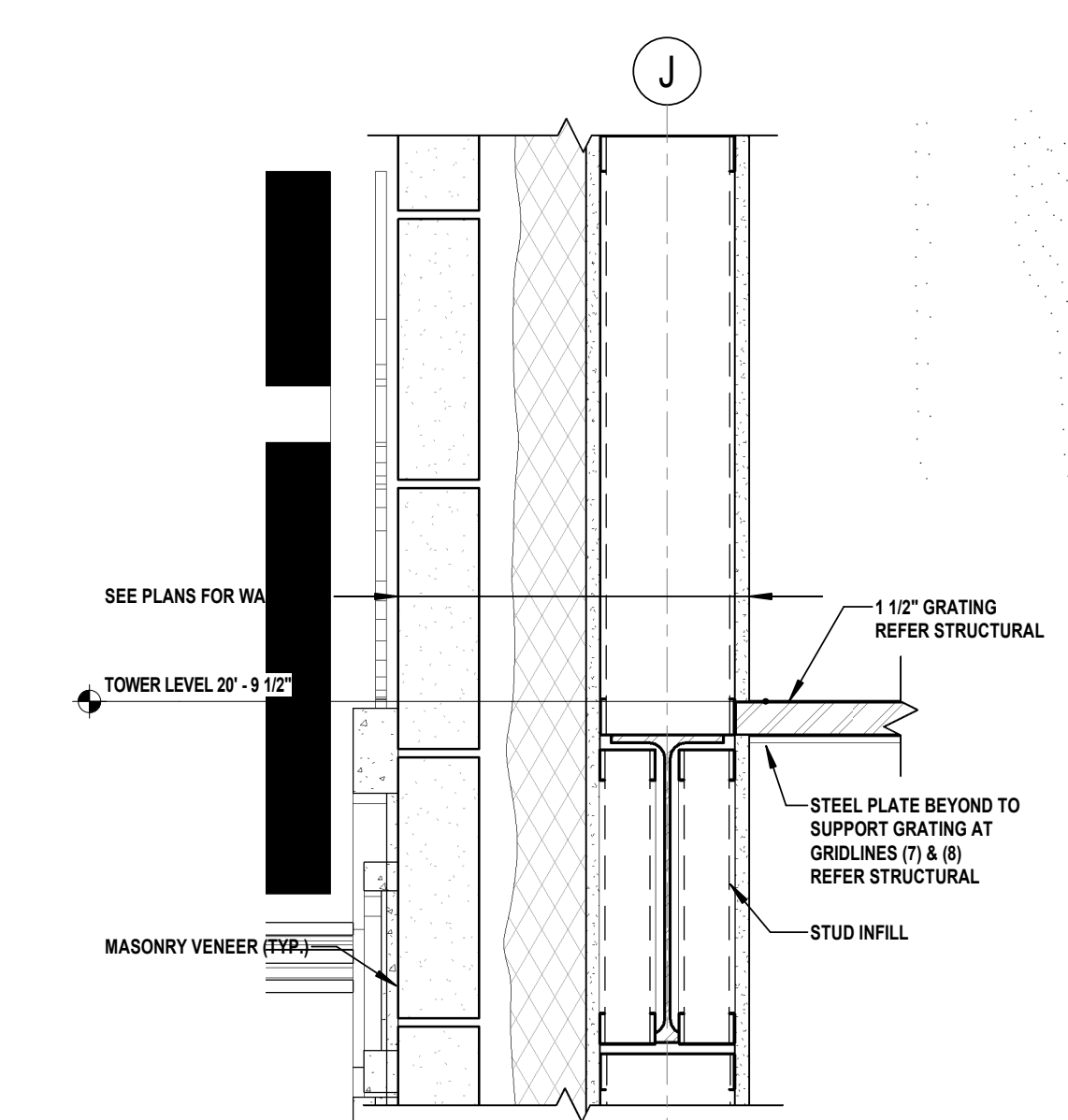


1 SAFETY PLACE
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 NEW JERSEY

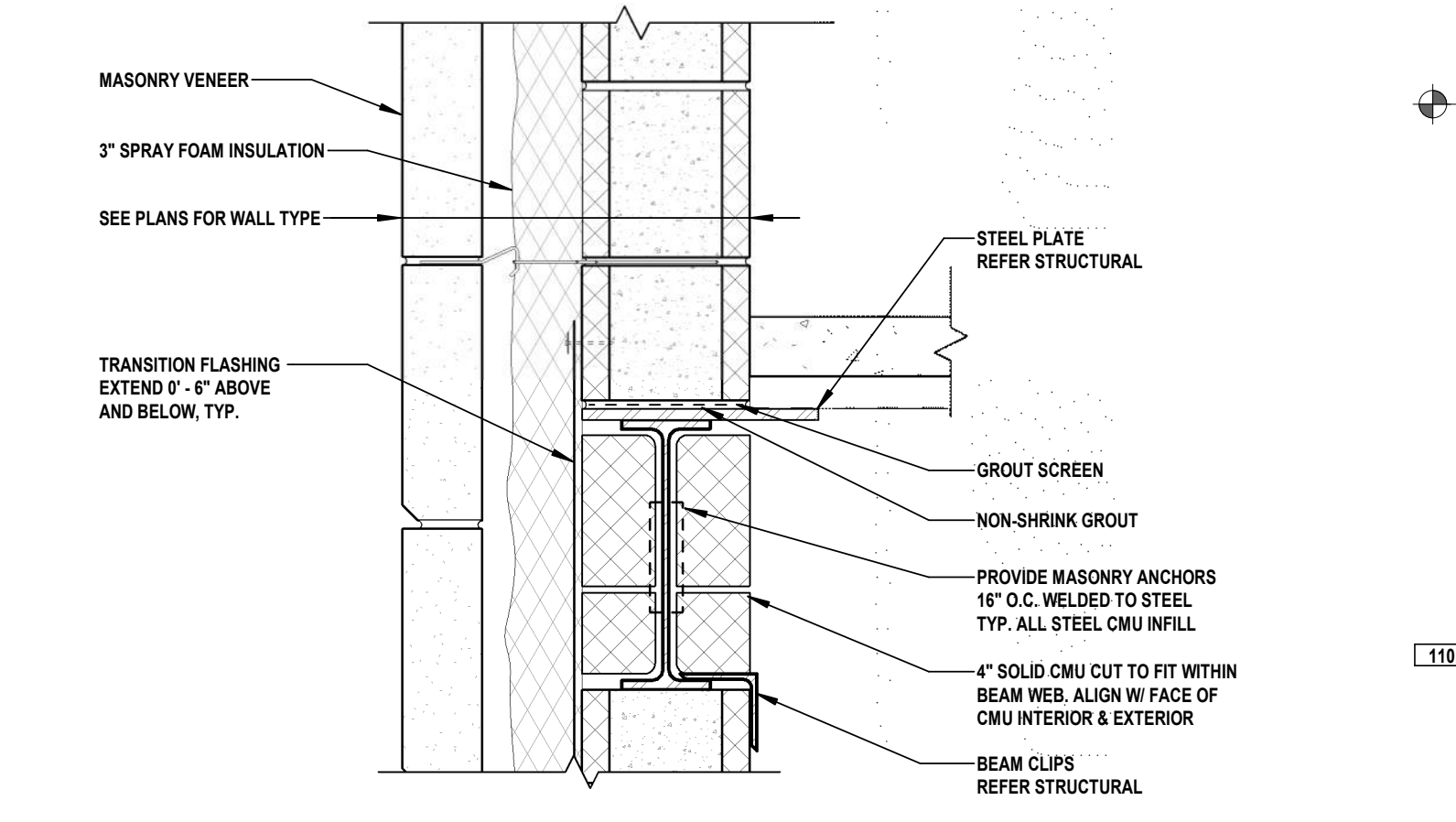
STATUS **90% - NFC**

SHEET TITLE
DETAILS

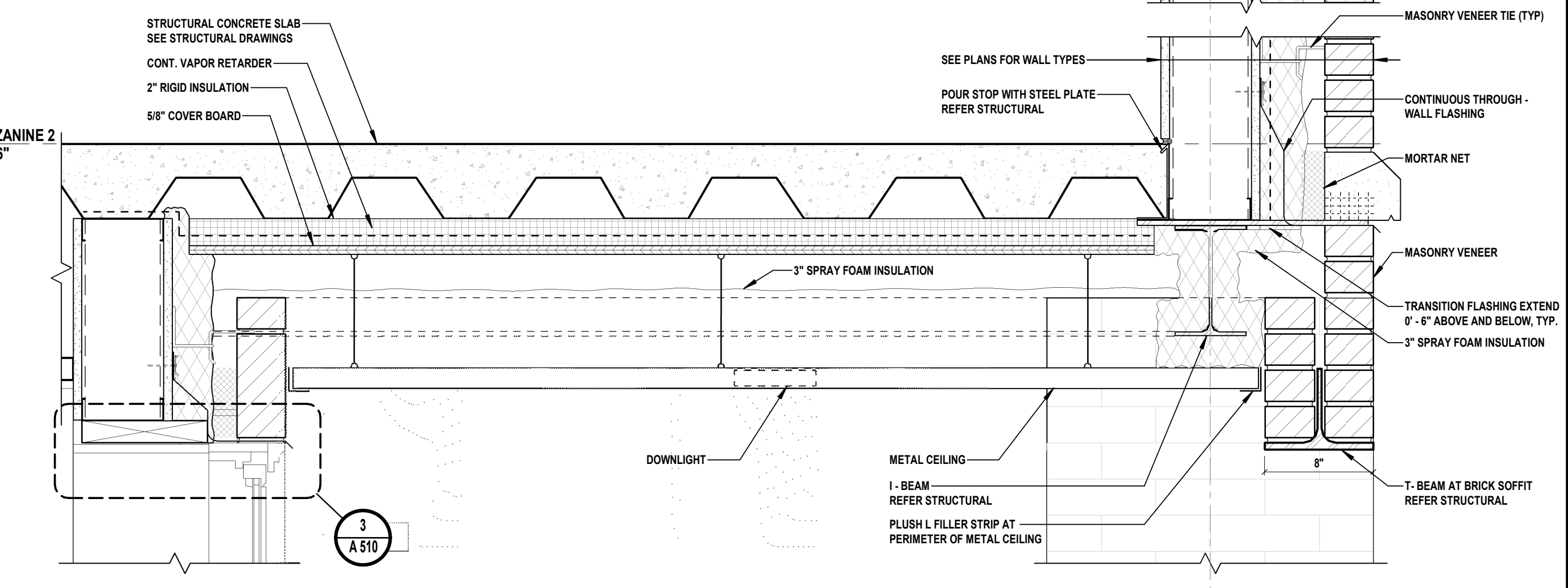
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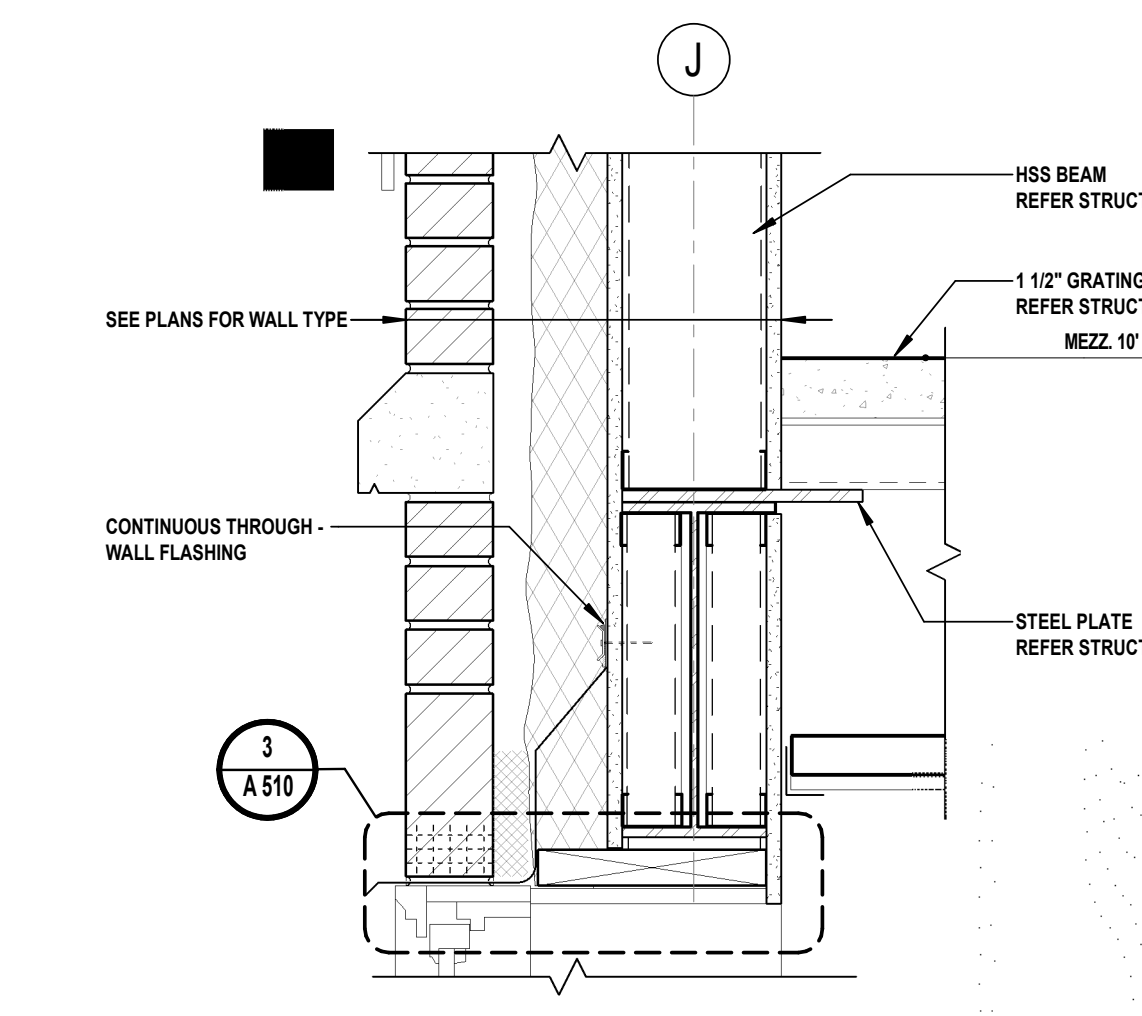
1 FLOOR GRATING AT STUD
 SCALE: 1 1/2" = 1'-0"



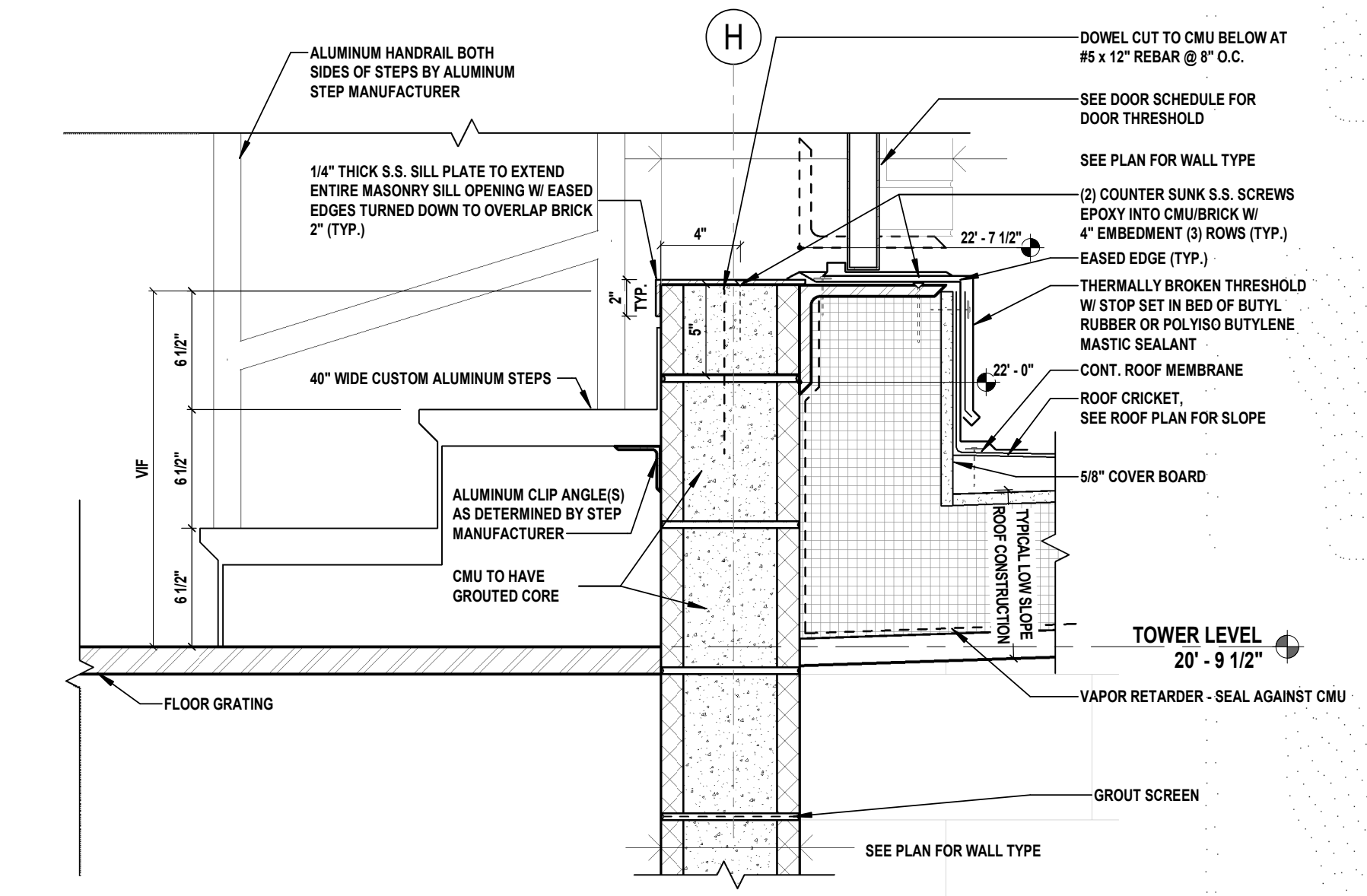
2 SLAB INTERSECTION - CONNECTION AT CMU
 SCALE: 1 1/2" = 1'-0"



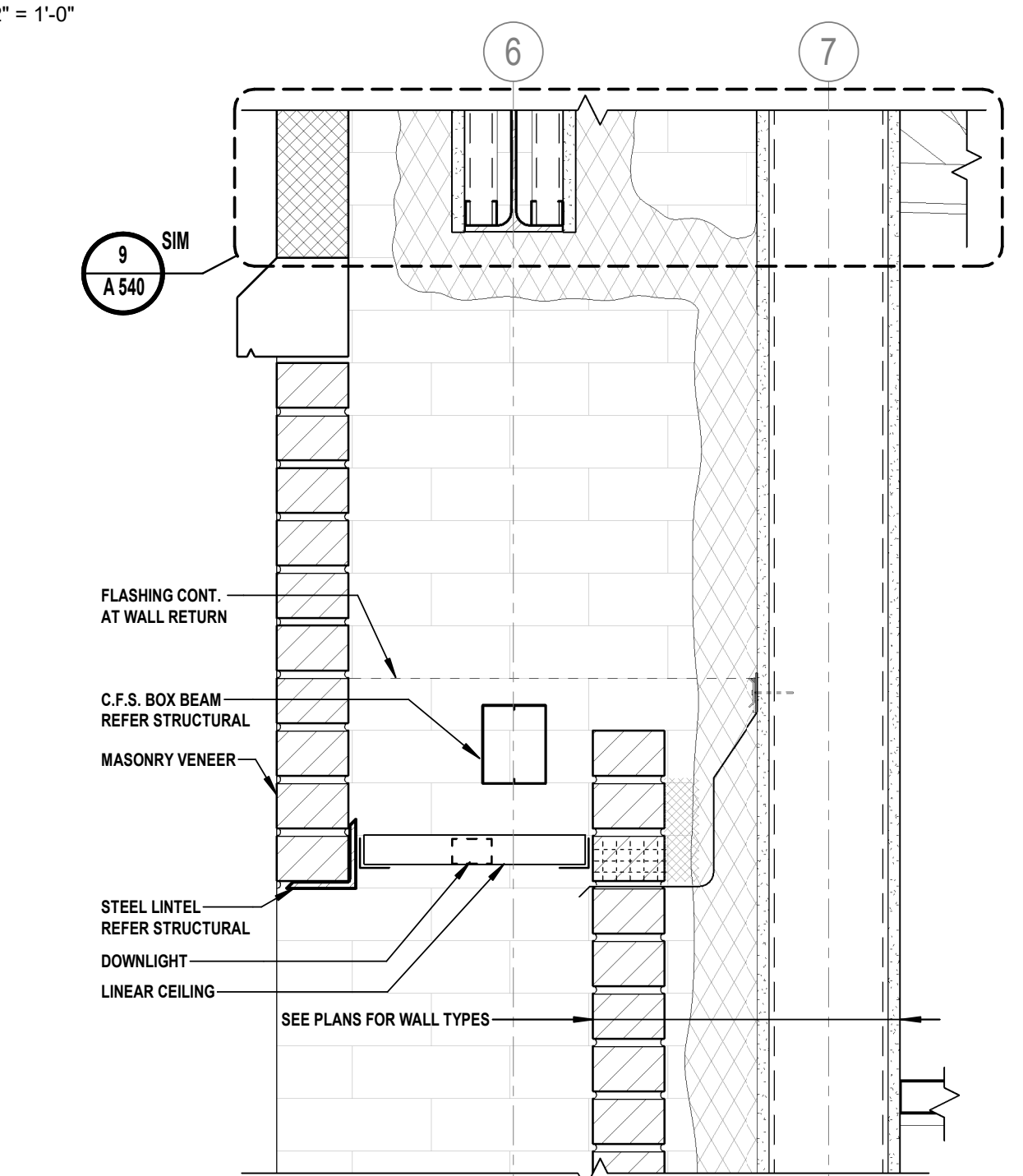
3 LINEAR CEILING AND BRICK RELIEF ANGLE AT FRONT ENTRY
 SCALE: 1 1/2" = 1'-0"



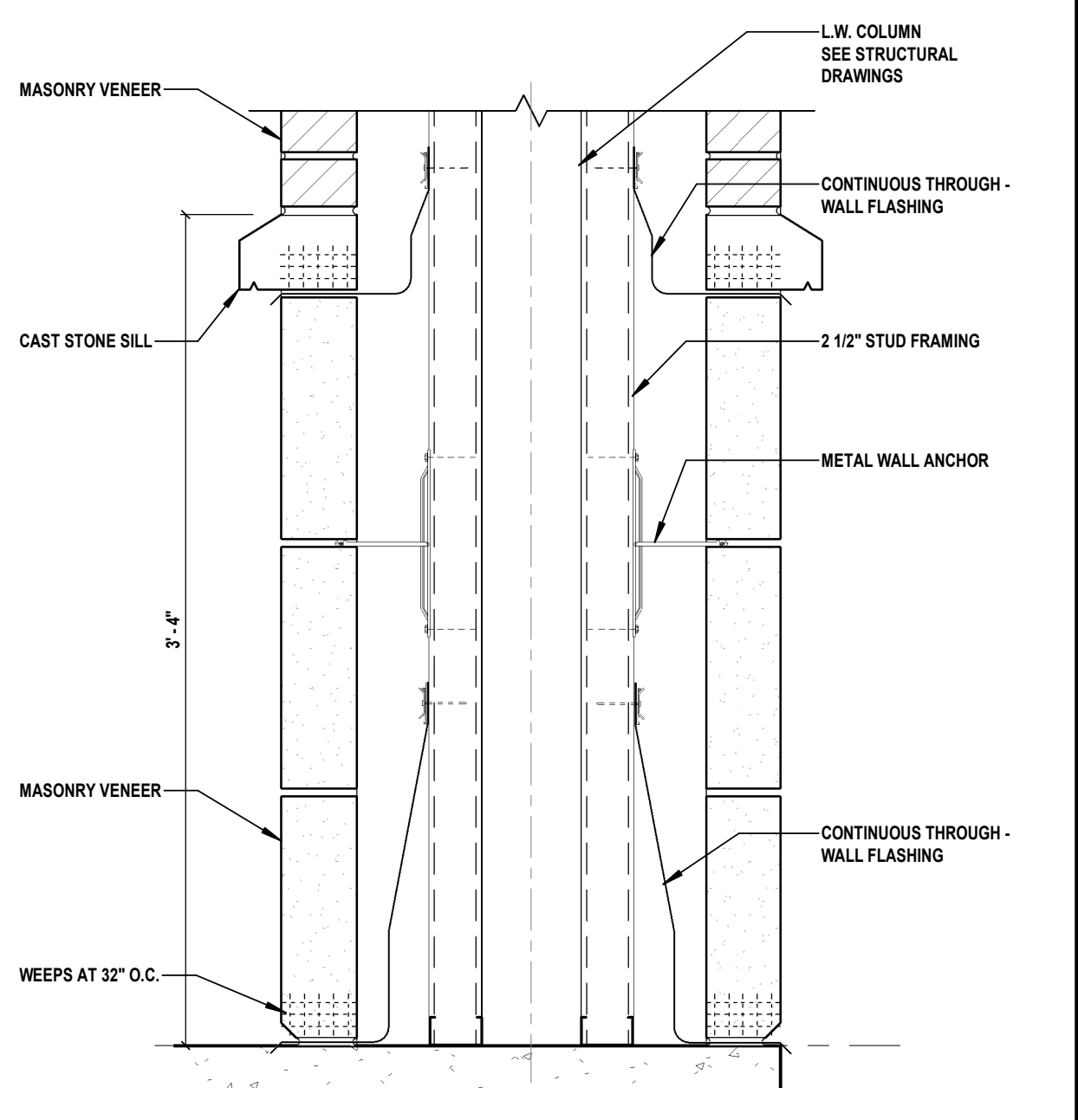
4 MEZZ. COMPOSITE DECK AT EXTERIOR STUD
 SCALE: 1 1/2" = 1'-0"



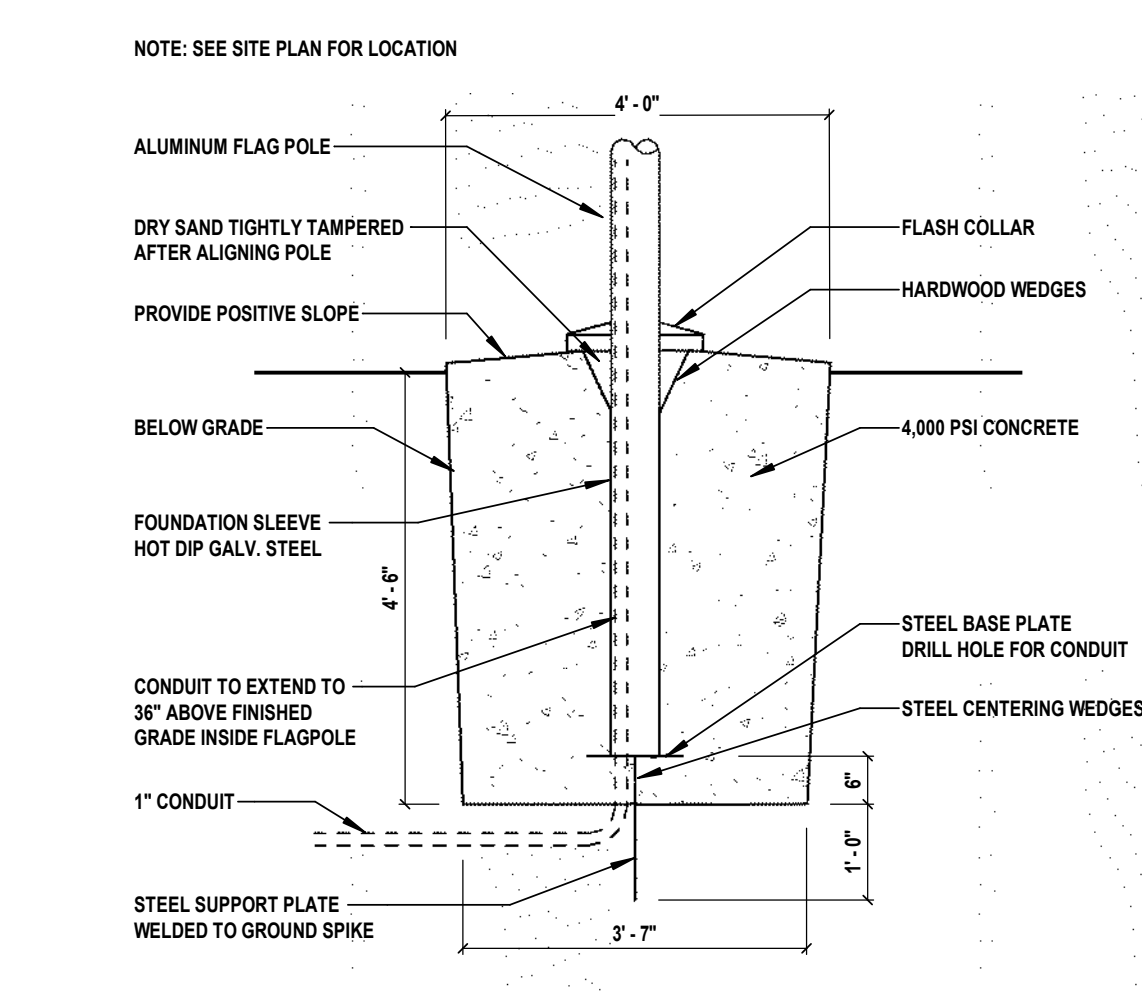
5 ROOF ACCESS DOOR - THRESHOLD
 SCALE: 1 1/2" = 1'-0"



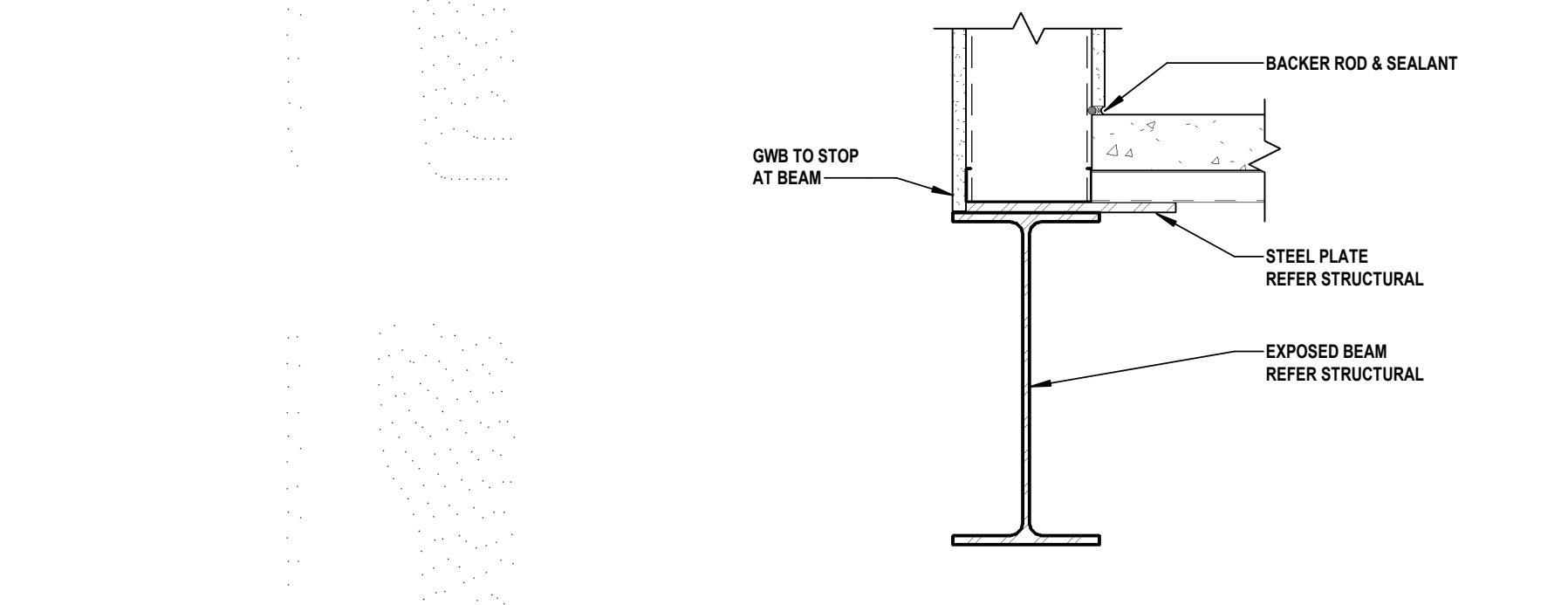
6 LINEAR CEILING & BRICK SHELF AT EXTERIOR SOFFIT
 SCALE: 1 1/2" = 1'-0"



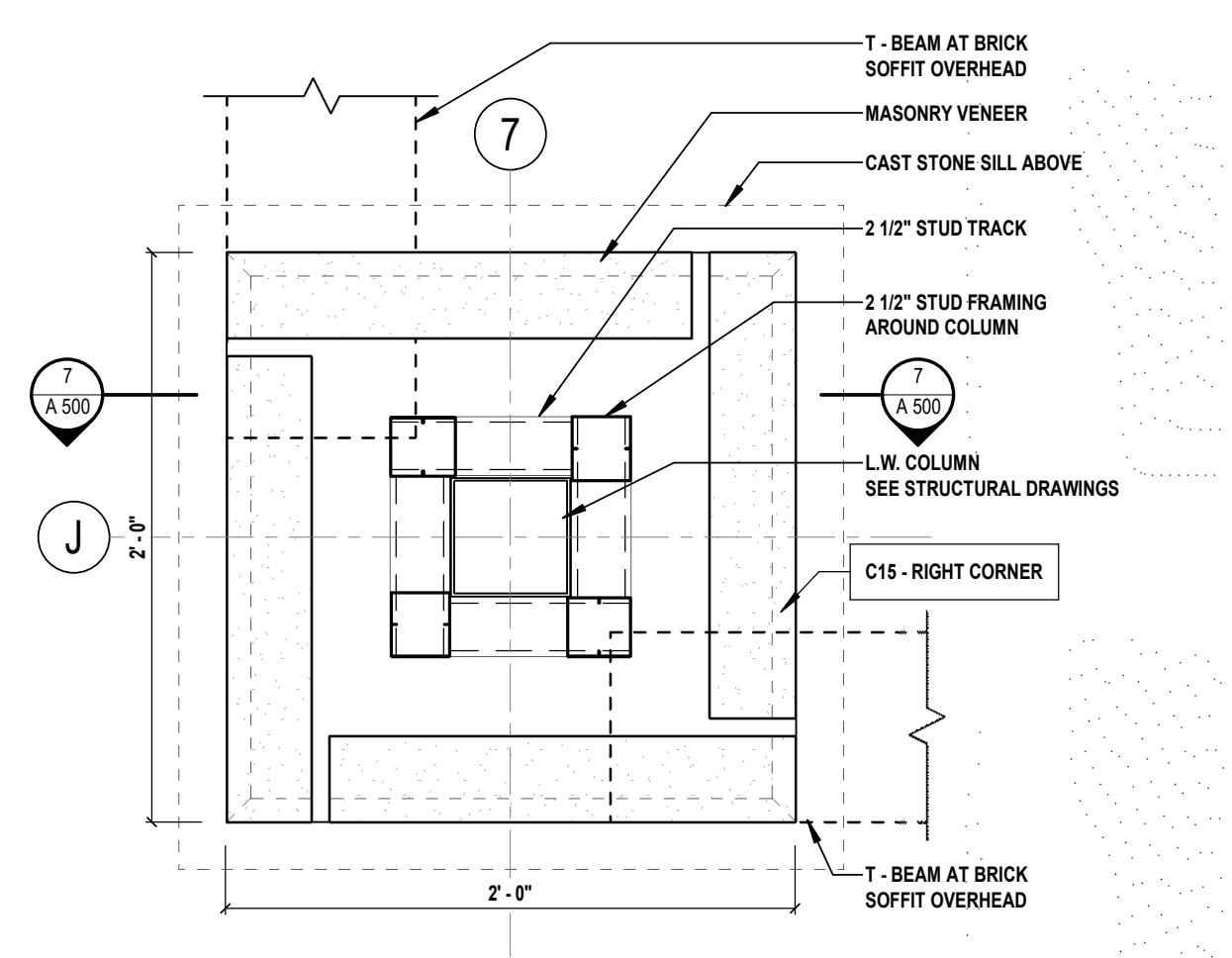
7 MASONRY PIER - SECTION
 SCALE: 1 1/2" = 1'-0"



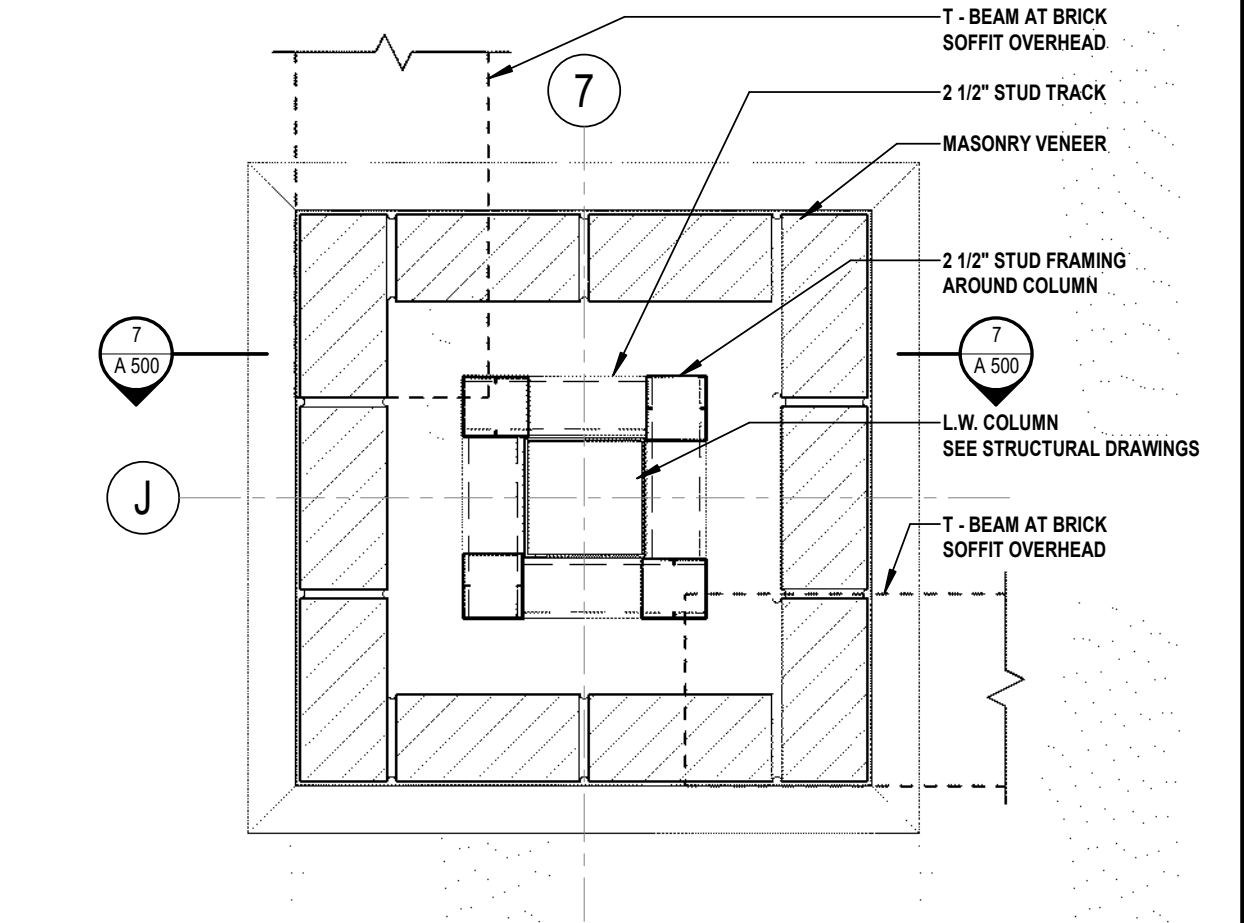
11 FLAG POLE DETAIL 1
 SCALE: 1/2" = 1'-0"



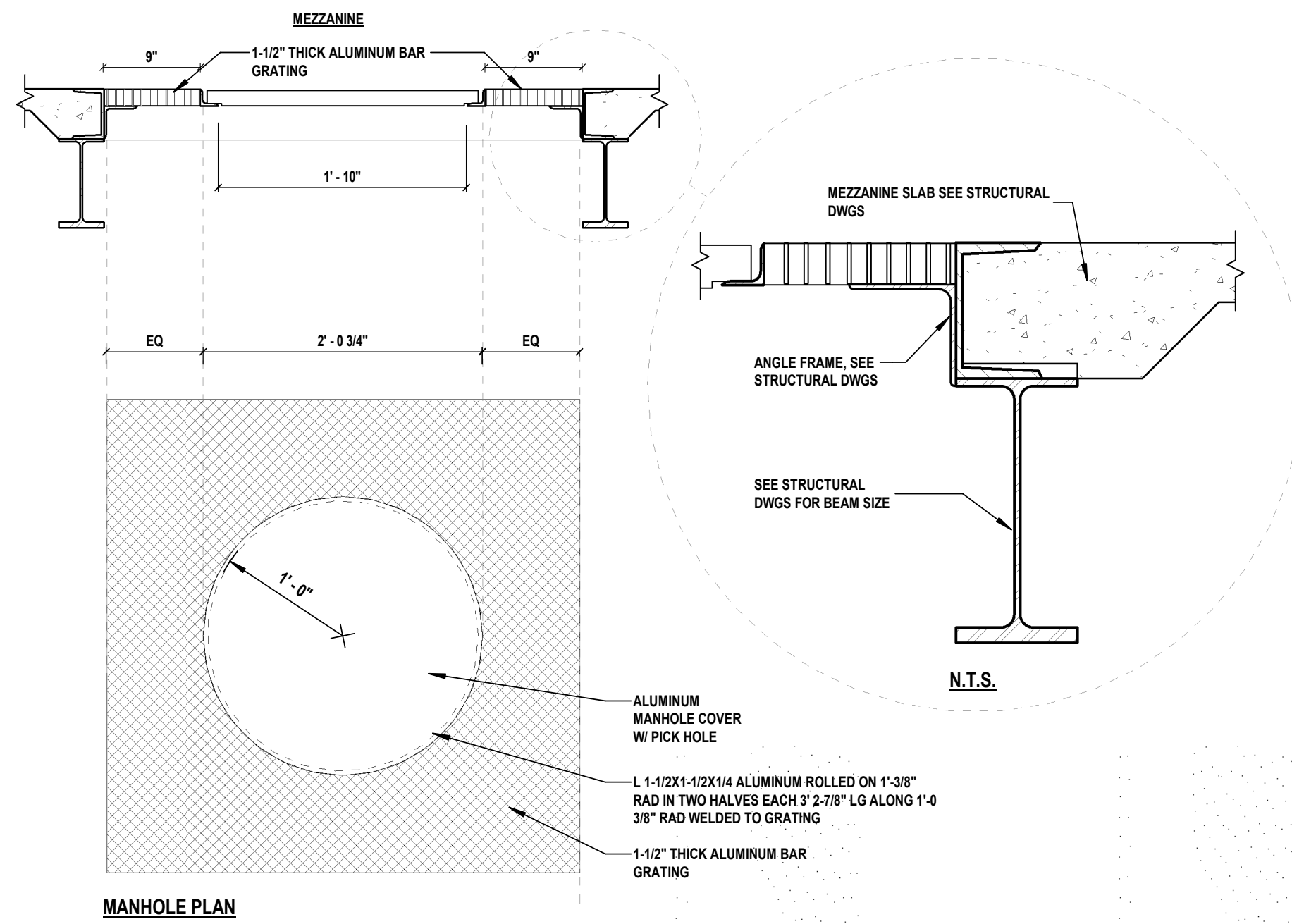
8 MEZZ. SLAB CLOSURE AT BEAM OVER STAIR
 SCALE: 1 1/2" = 1'-0"



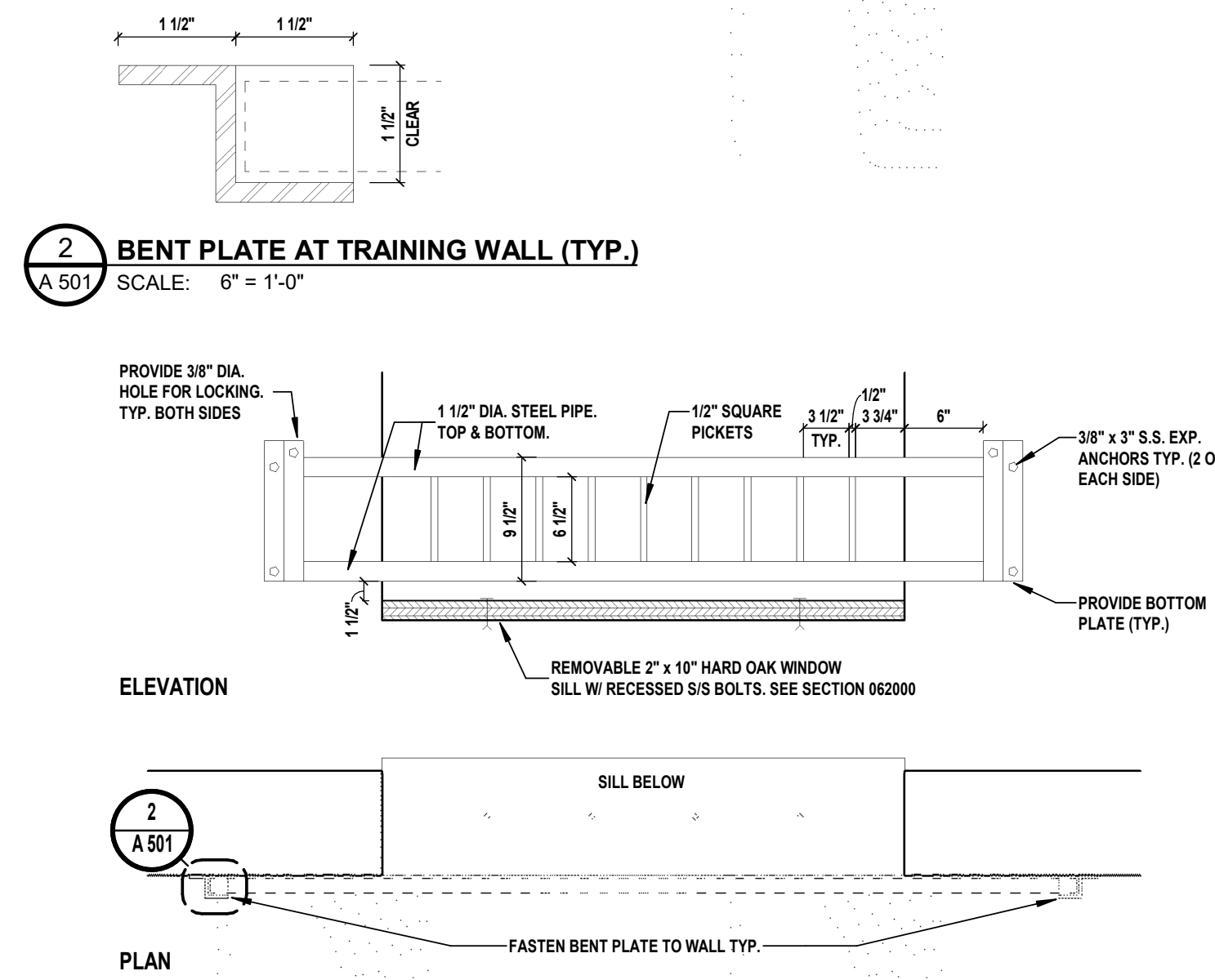
10 MASONRY PIER AT CAST STONE
 SCALE: 1 1/2" = 1'-0"



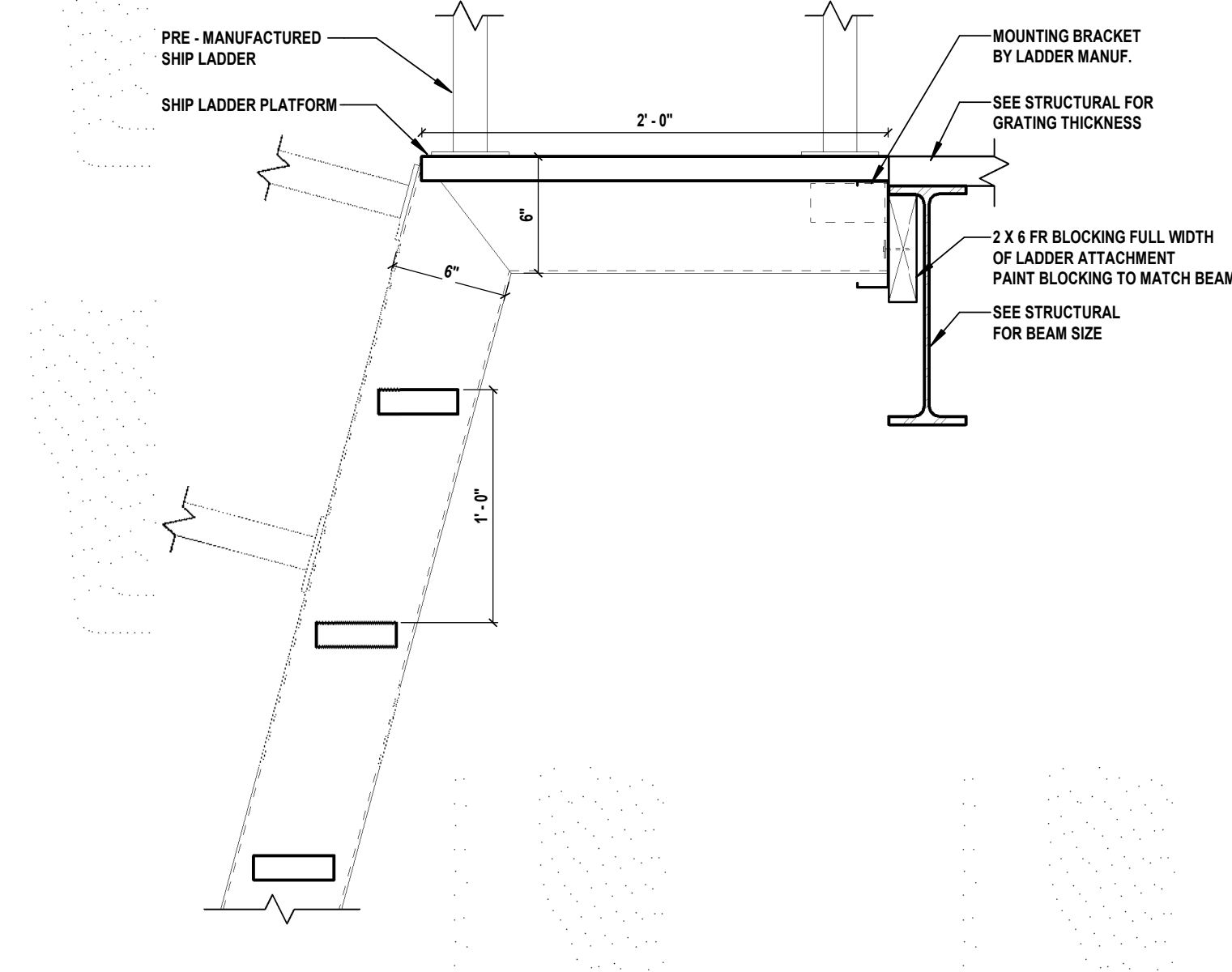
9 MASONRY PIER - PLAN
 SCALE: 1 1/2" = 1'-0"



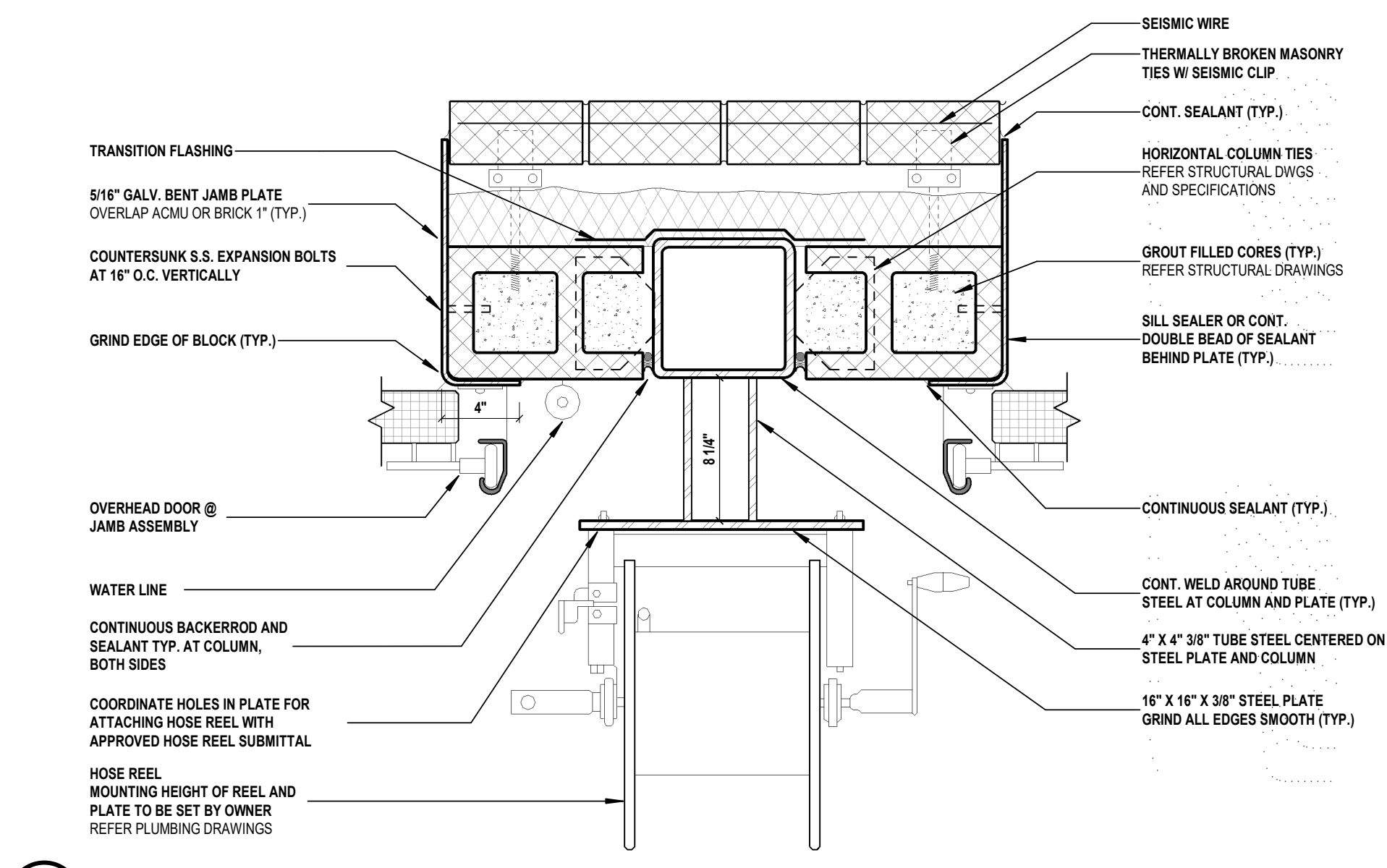
1 MANHOLE GRATING
A 501 SCALE: 1' = 1'-0"



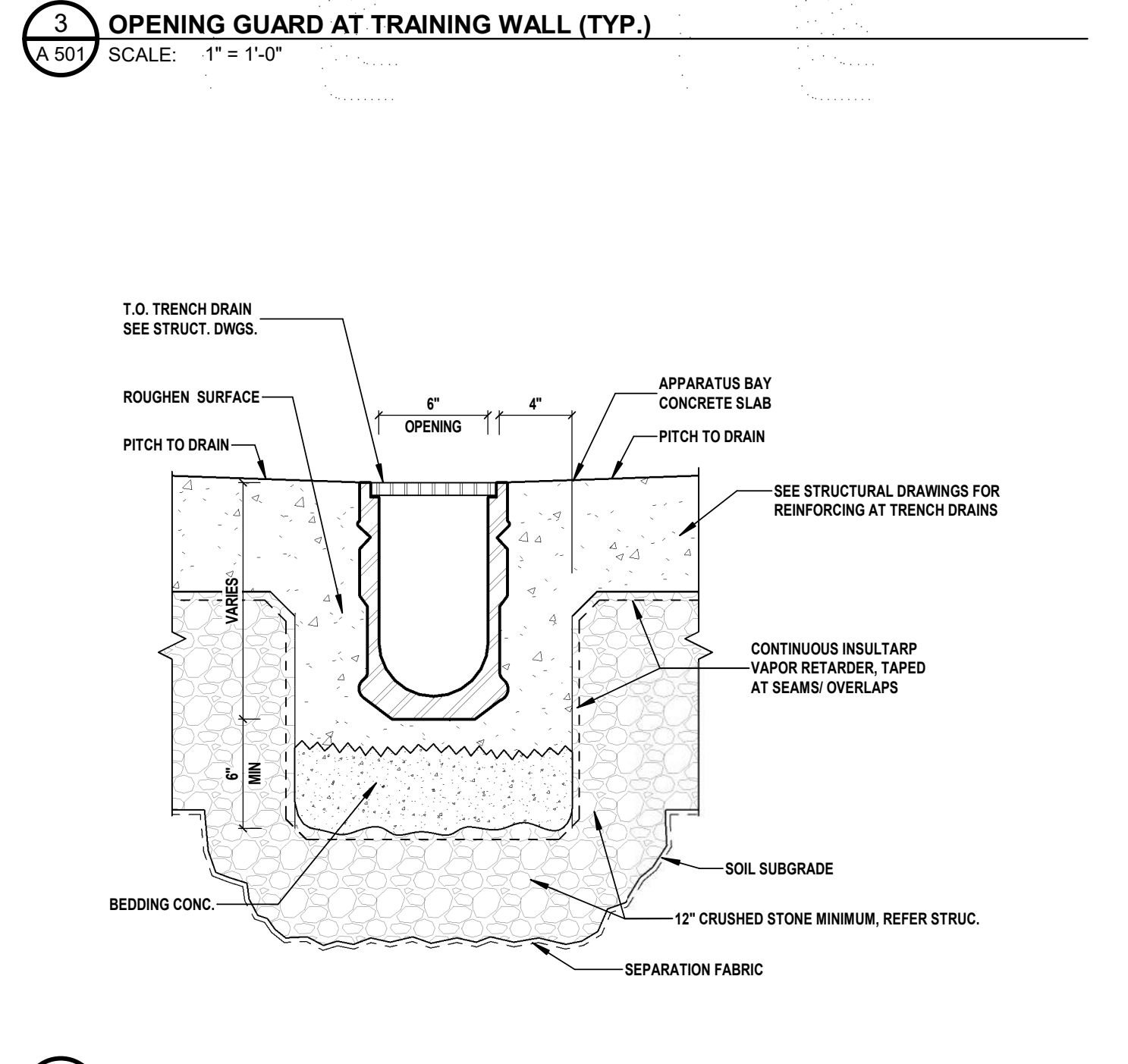
2 BENT PLATE AT TRAINING WALL (TYP.)
A 501 SCALE: 6" = 1'-0"



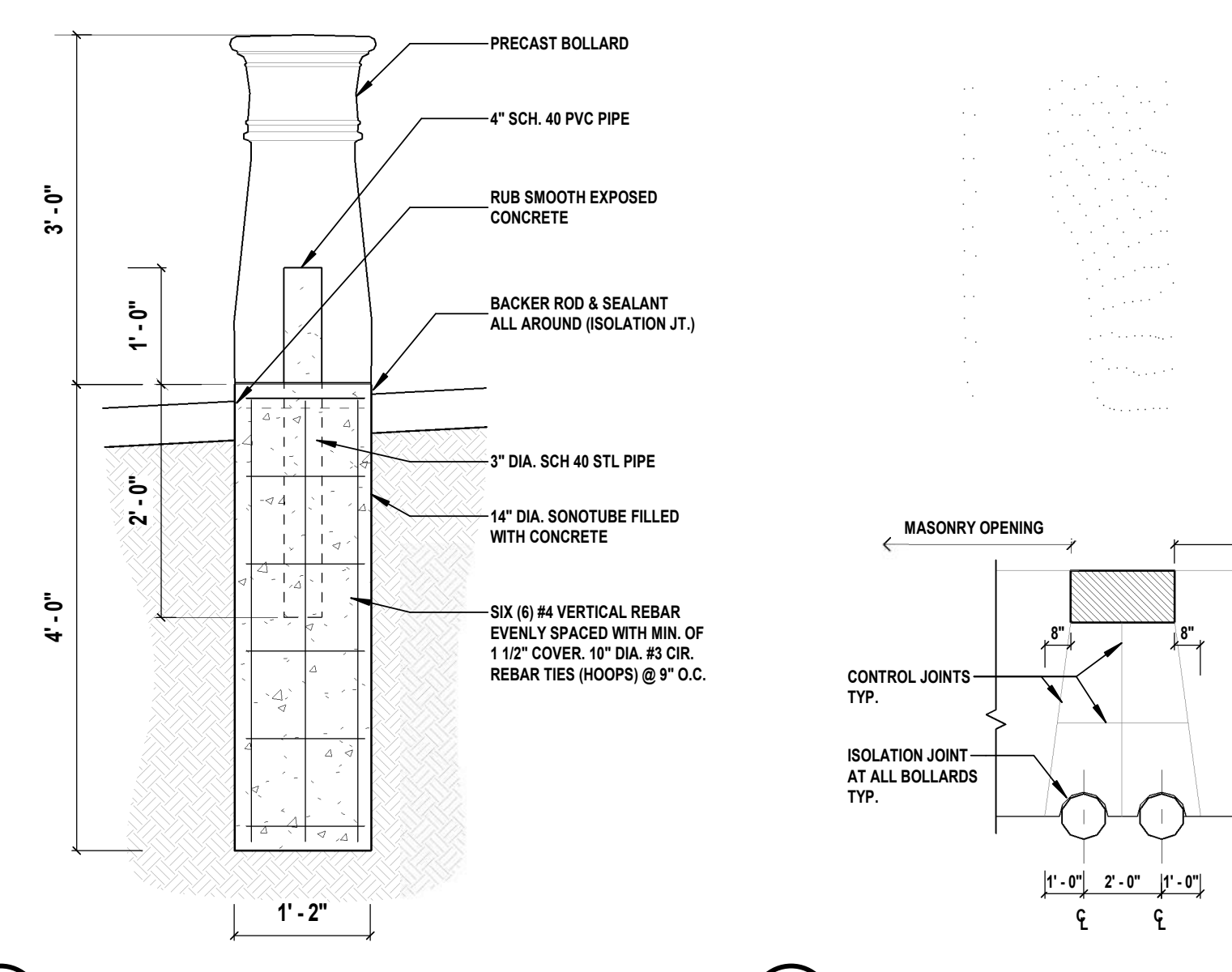
4 SHIP LADDER DETAIL - SECTION
A 501 SCALE: 1 1/2" = 1'-0"



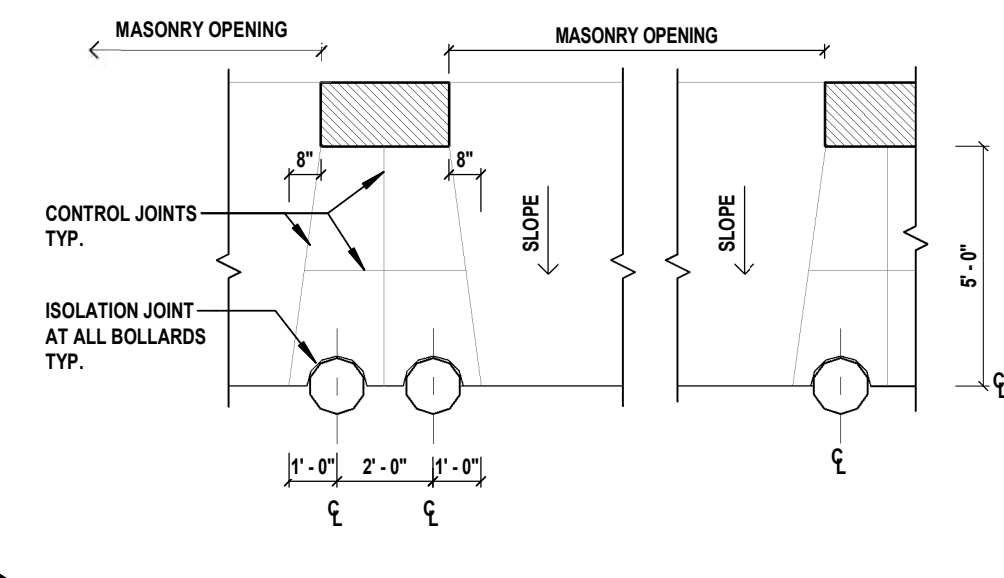
5 HOSE REEL - AT STRUCTURAL STEEL COLUMN (TYP.)
A 501 SCALE: 1 1/2" = 1'-0"



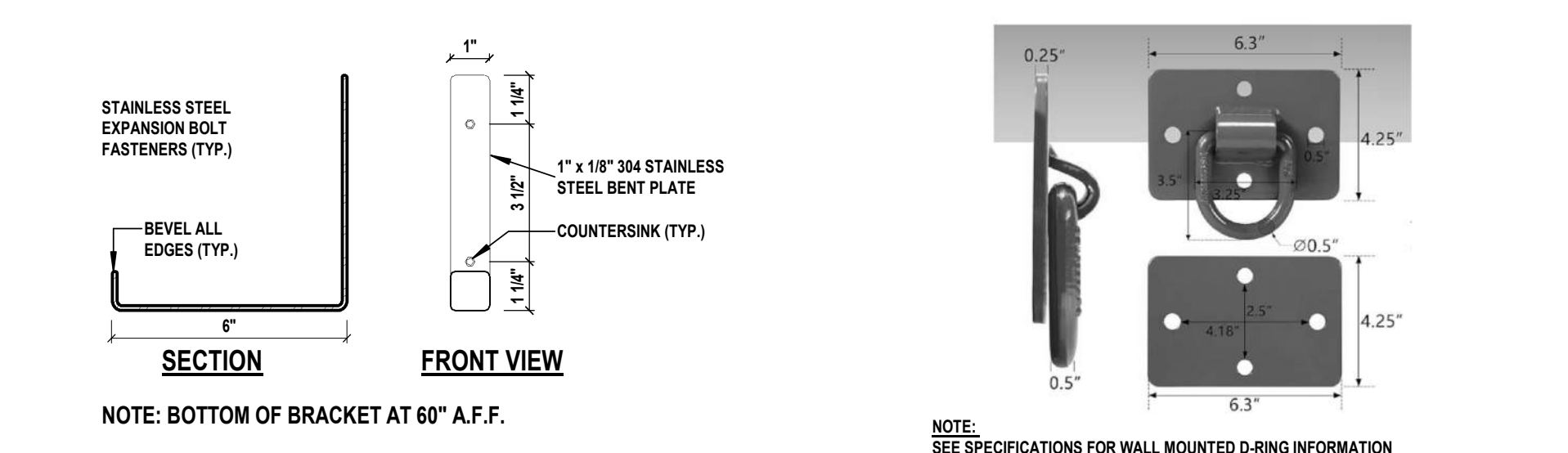
6 TRENCH DRAIN - SECTION (TYP.)
A 501 SCALE: 1 1/2" = 1'-0"



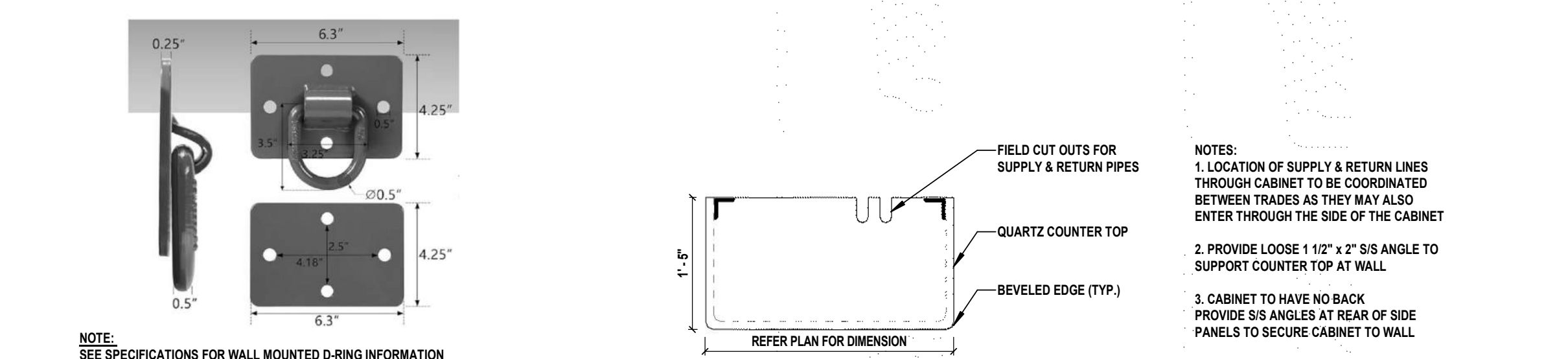
7 PRECAST BOLLARD - SECTION (TYP.)
A 501 SCALE: 3/4" = 1'-0"



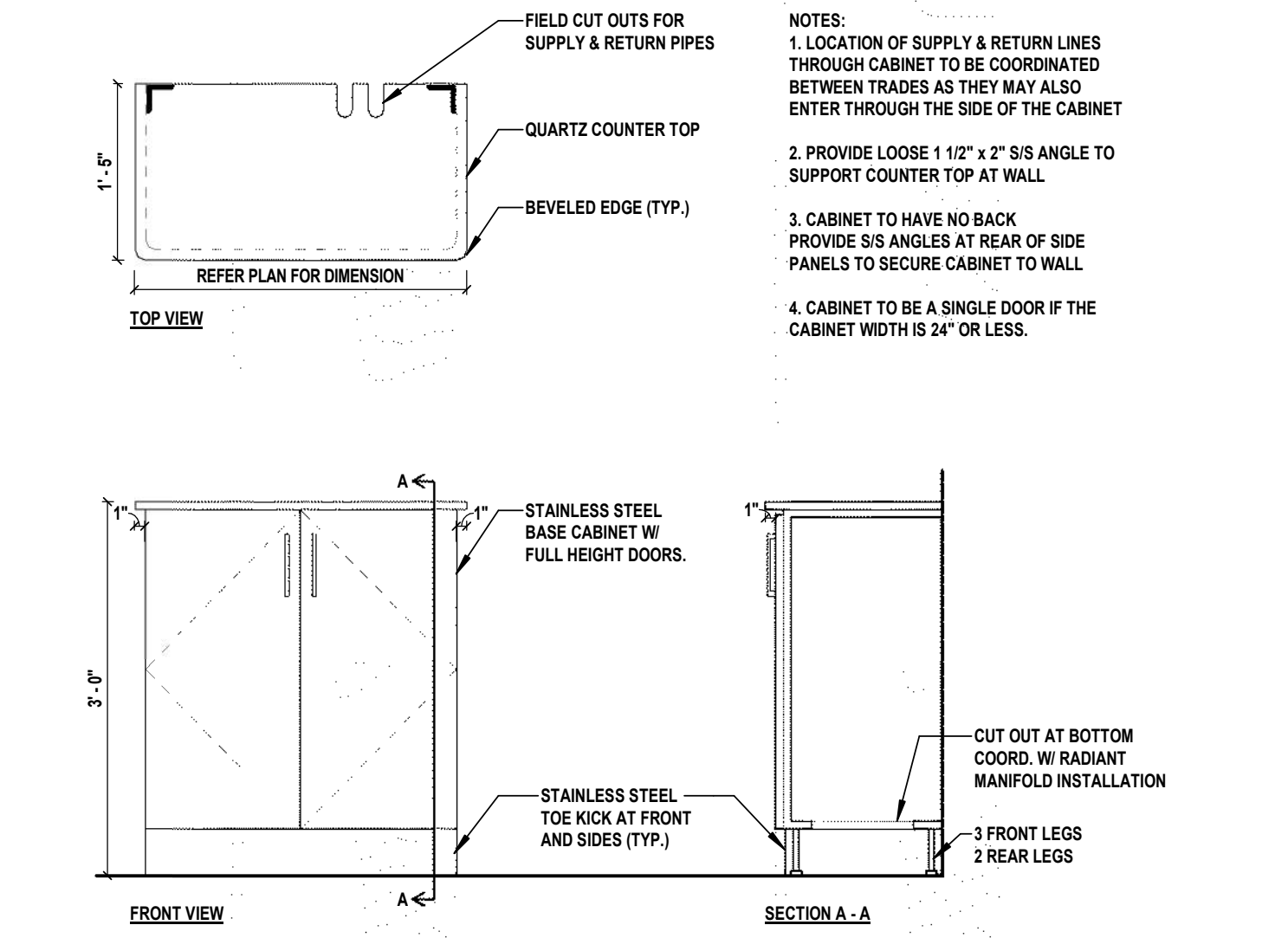
8 PRECAST BOLLARD - LAYOUT PLAN (TYP.)
A 501 SCALE: 1/4" = 1'-0"



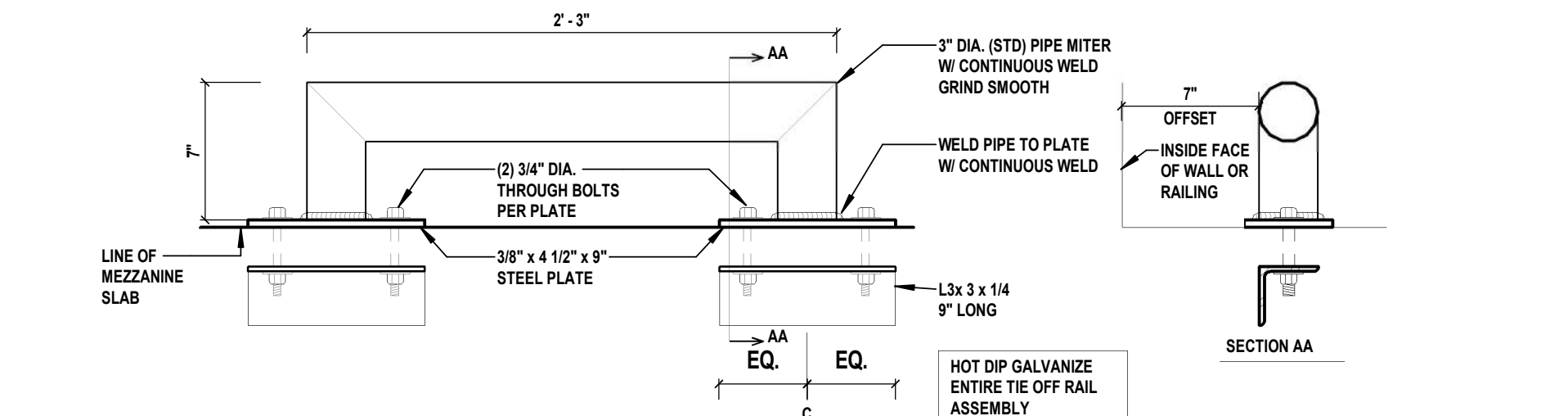
9 FACE SHIELD HOOK (TYP.)
A 501 SCALE: 3" = 1'-0"



10 WALL MOUNTED D-RING (TYP.)
A 501 SCALE: 1 1/2" = 1'-0"



12 RADIANT MANIFOLD CABINET DETAIL (TYP.)
A 501 SCALE: 3/4" = 1'-0"



11 TIE OFF RAIL (TYP.)
A 501 SCALE: 1 1/2" = 1'-0"

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NJ PROFESSIONAL ARCHITECT Lic. No. 21A01498000

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PROJECT No: BOME2201 DATE: MAR 12, 2024 SCALE: AS SHOWN

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1 SAFETY PLACE
METUCHEN, NJ 08840
BOROUGH OF METUCHEN
COUNTY OF MIDDLESEX
NEW JERSEY

STATUS: 90% - NFC

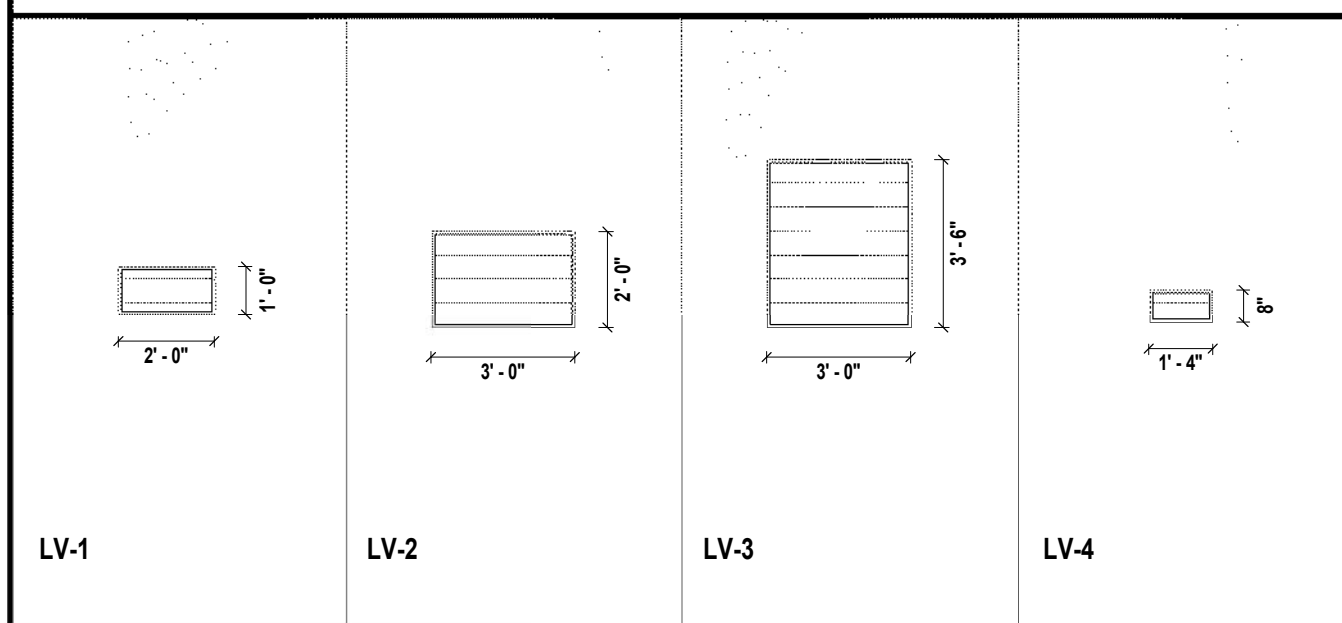
SHEET TITLE: FIREMATIC DETAILS

DRAWING No. **A 501.00**

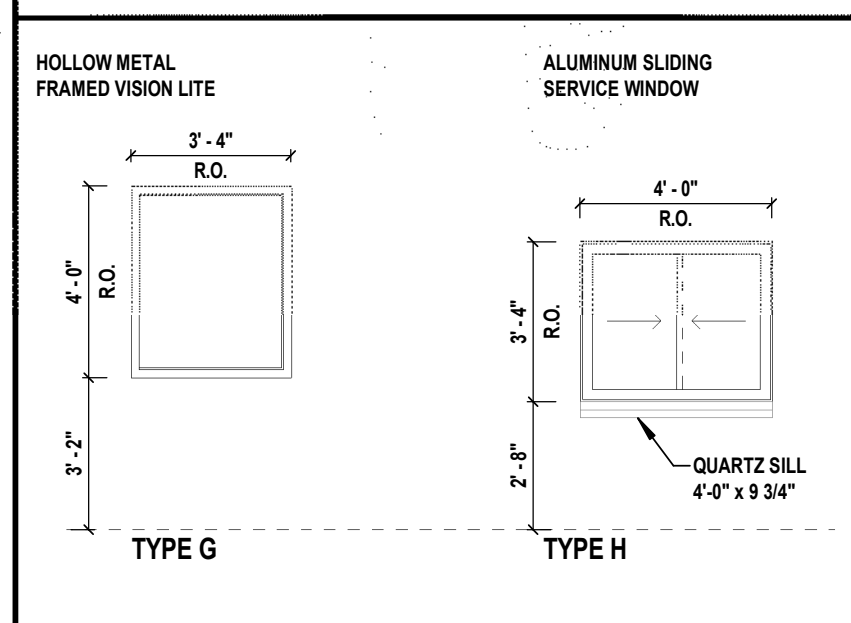
GENERAL WINDOW NOTES

1. VERIFY ALL WINDOWS OPENINGS, REQUIRED CLEARANCES, MEANS OF ATTACHMENT, AND INSTALLATION PRIOR TO PURCHASE.
2. ALL OPERABLE SASH IN DOUBLE HUNG WINDOWS TO BE PROVIDED WITH SCREENS.
3. GLASS WITHIN 18" OF DOORS AND FLOORS SHALL BE TEMPERED WINDOWS U.G.N.
4. ALL EXTERIOR WINDOWS ARE TO BE ALUMINUM CLAD WOOD.
5. SELF-ADHERING FLASHING SHALL BE APPLIED OVER INSTALLATION CLIPS AND SHALL OVERLAP OPENING WRAP IF APPLICABLE PATTERNS SHOWN.
6. ALL WINDOWS TO HAVE BETWEEN THE GLASS MUTTONS IN PATTERNS SHOWN.
7. DIMENSIONS SHOWN ARE ROUGH MASONRY OPENING DIMENSIONS U.O.N.
8. SEE ROOM FINISH SCHEDULE FOR WINDOW SHADE REQUIREMENTS.

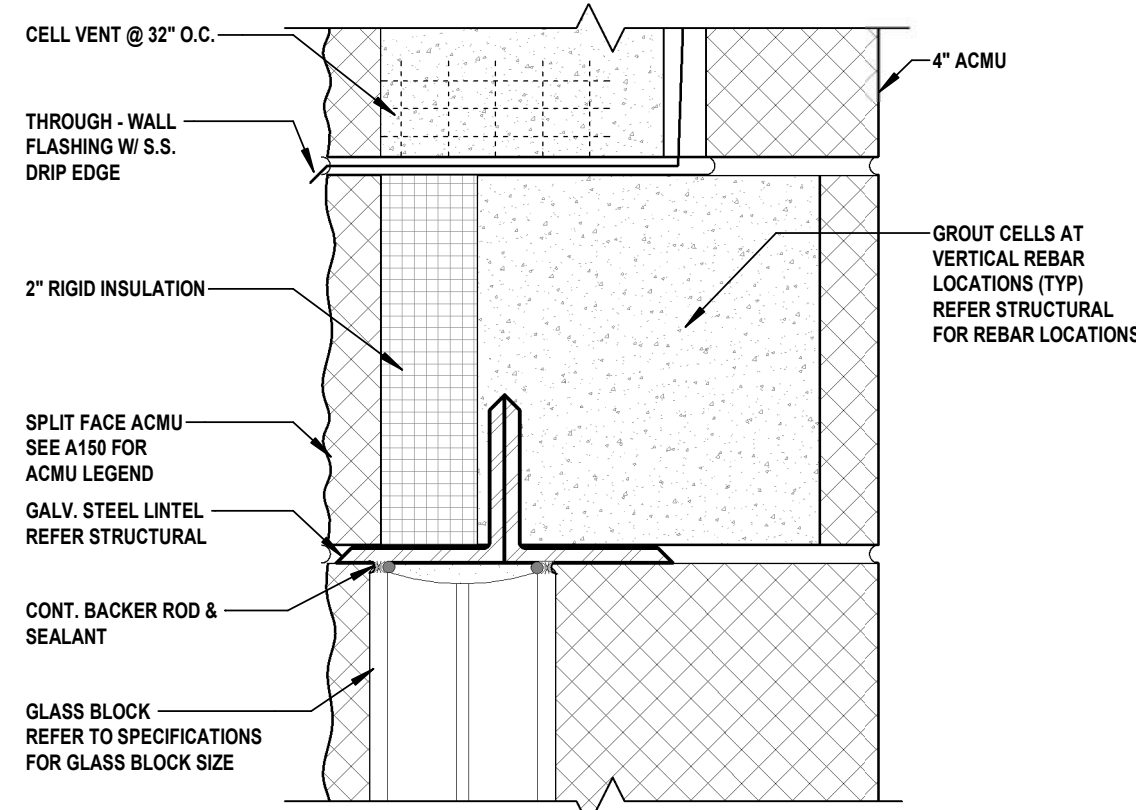
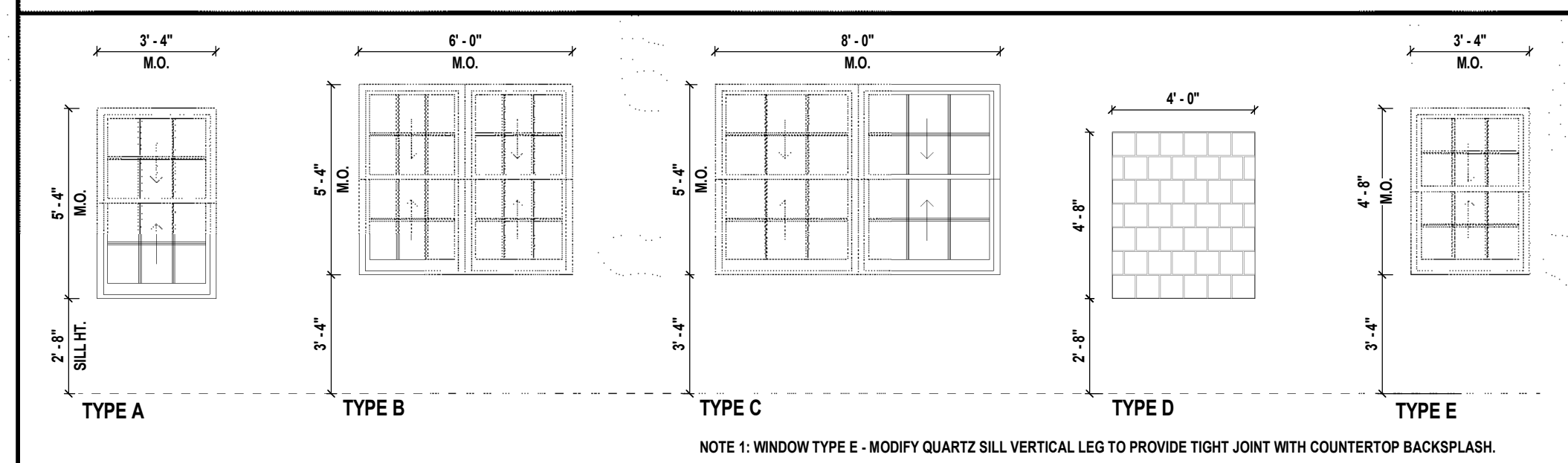
LOUVER SCHEDULE



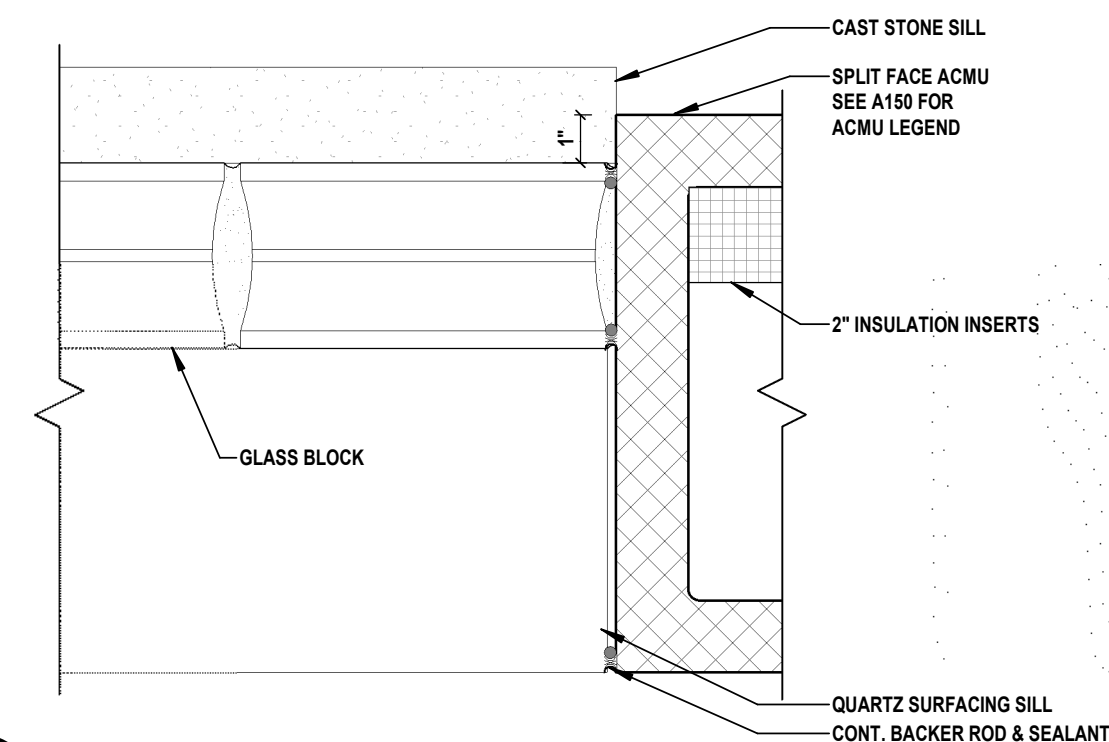
INTERIOR WINDOW TYPES



EXTERIOR WINDOW TYPES

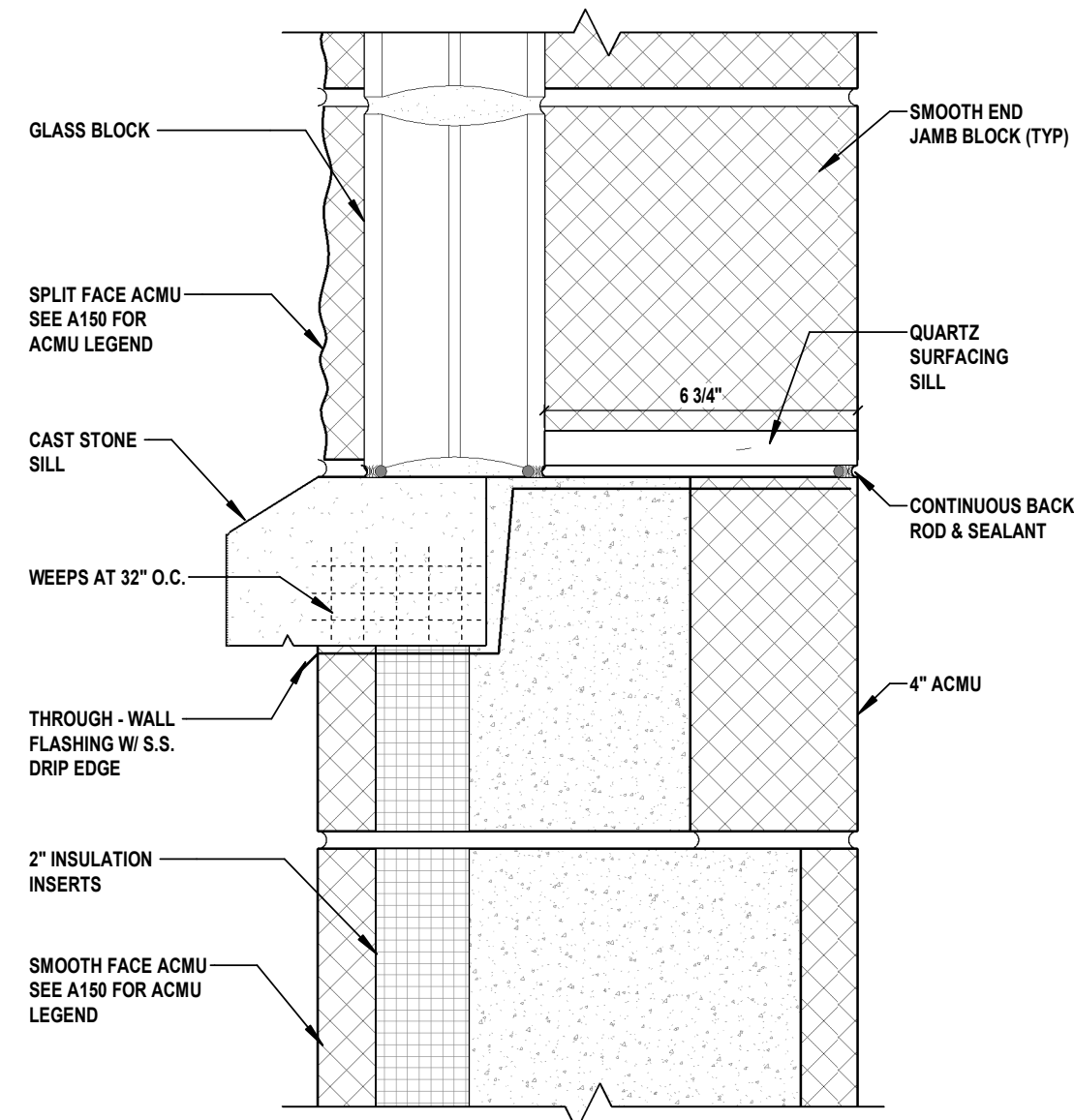


1 GLASS BLOCK DETAIL - HEAD AT SINGLE WYTHE ACMU
 SCALE: 3" = 1'-0"

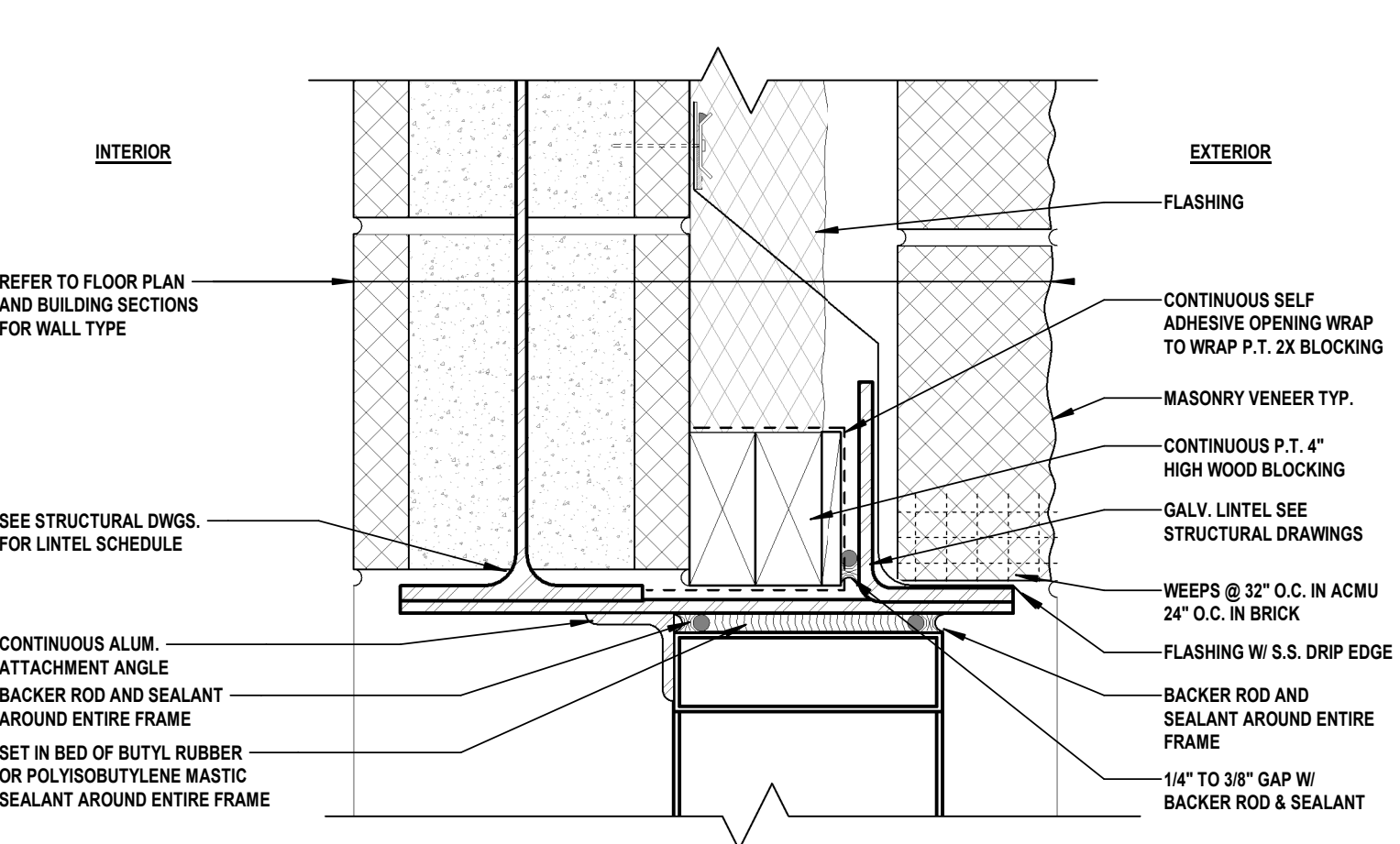


2 LOUVER DETAIL - HEAD AT CMU WALL
 SCALE: 3" = 1'-0"

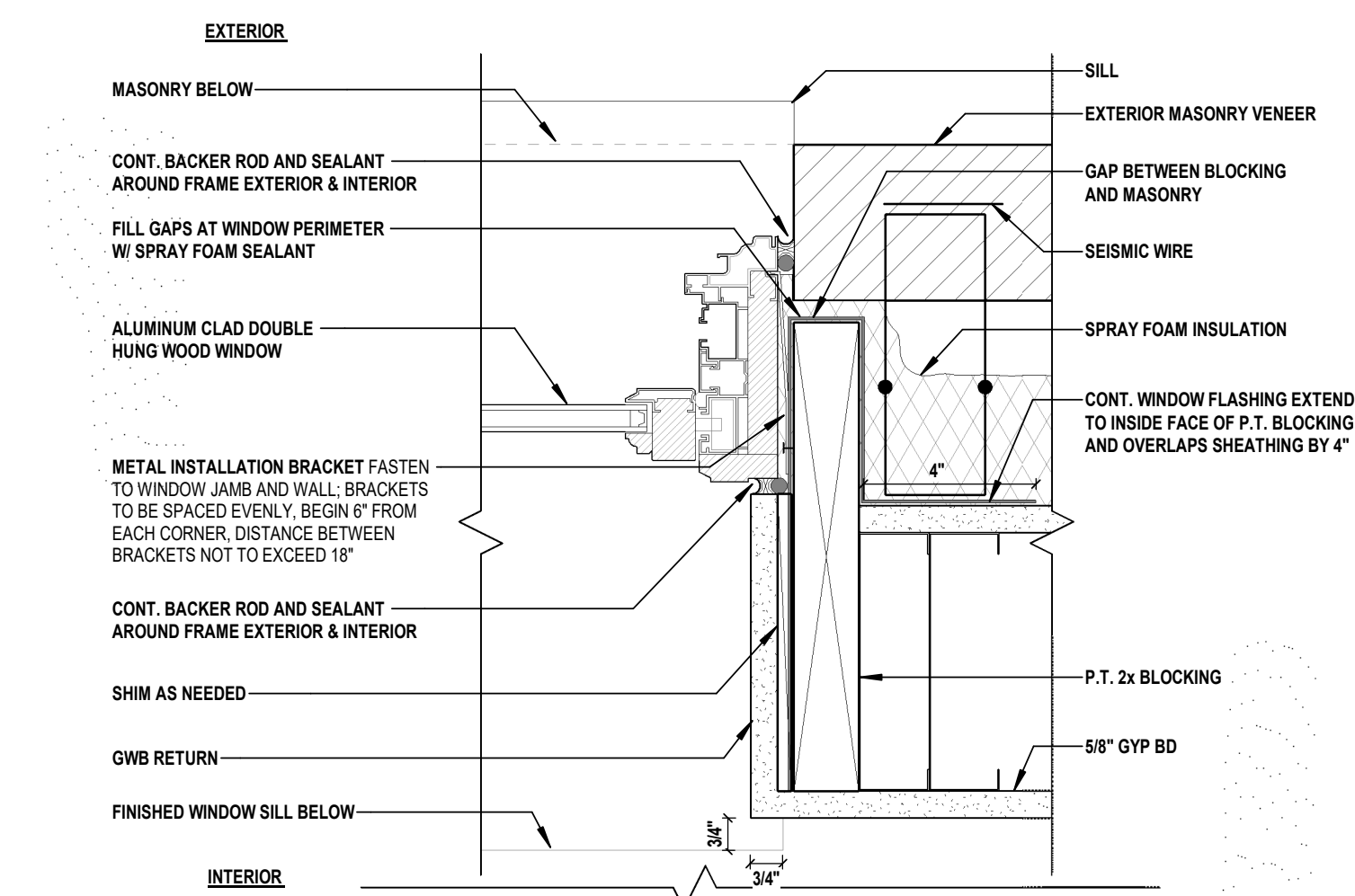
5 GLASS BLOCK DETAIL - JAMB AT SINGLE WYTHE ACMU
 SCALE: 3" = 1'-0"



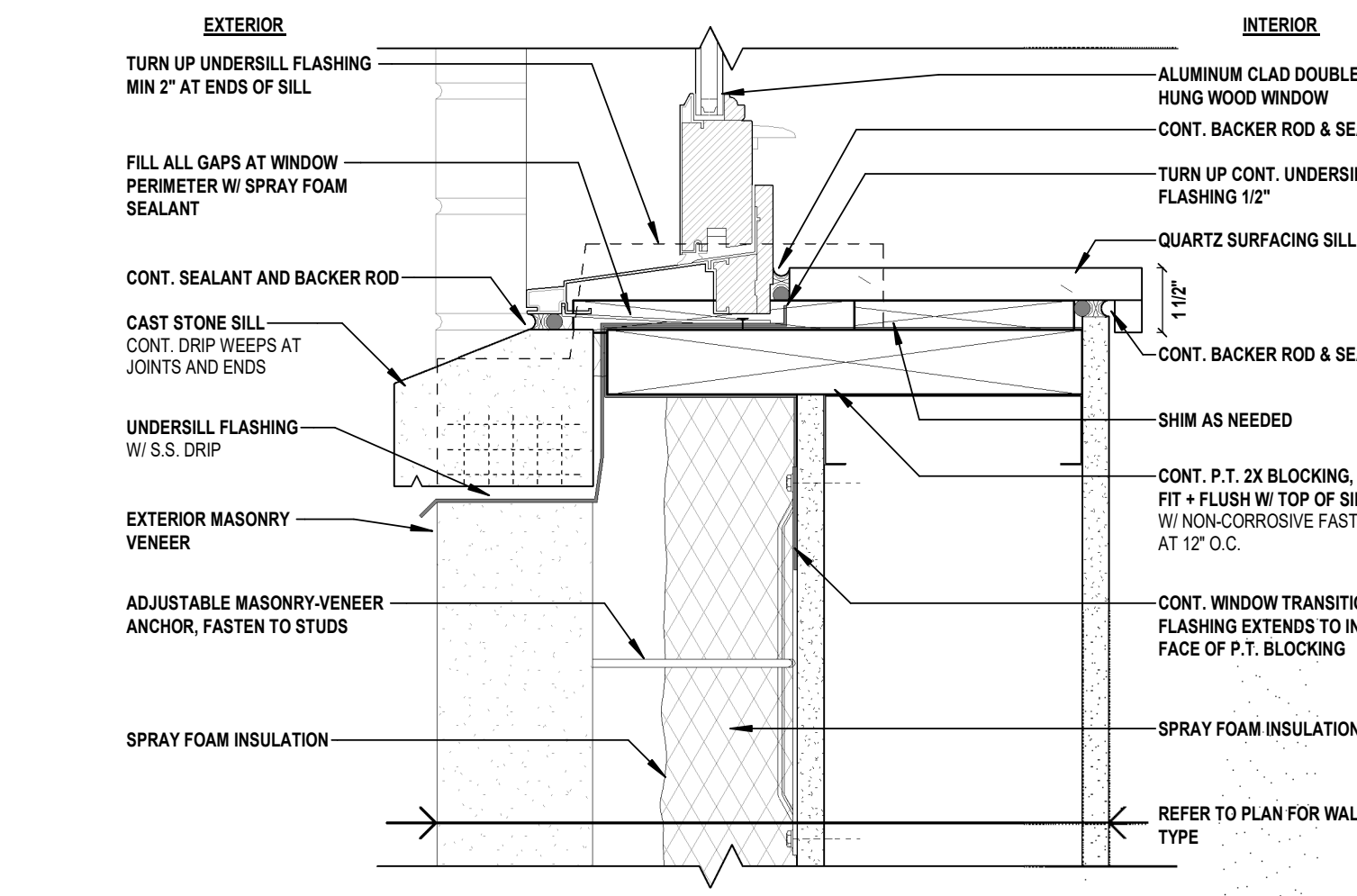
6 LOUVER DETAIL - JAMB AT CMU WALL
 SCALE: 3" = 1'-0"



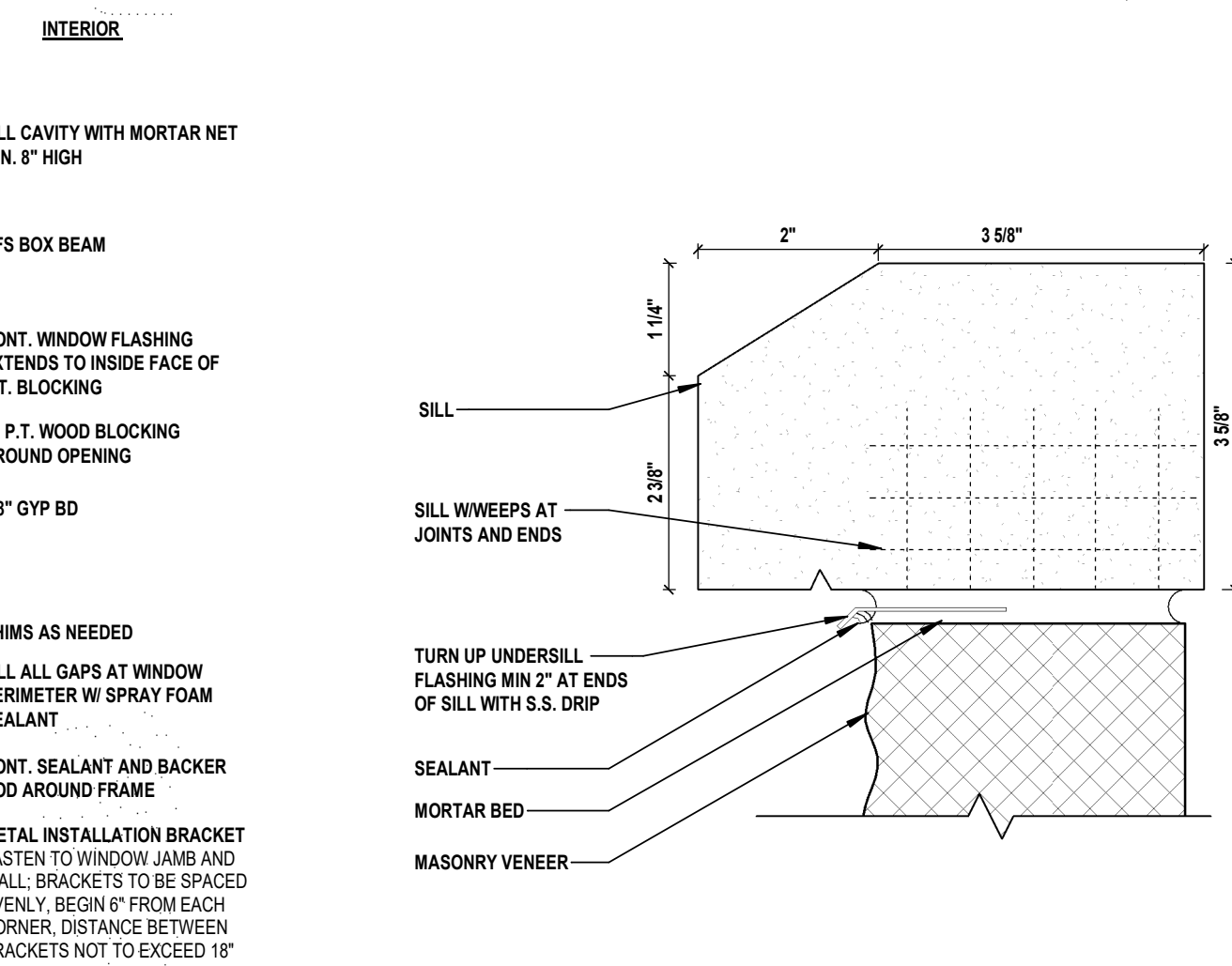
3 WINDOW DETAIL - HEAD AT EXT. STUD WALL
 SCALE: 3" = 1'-0"



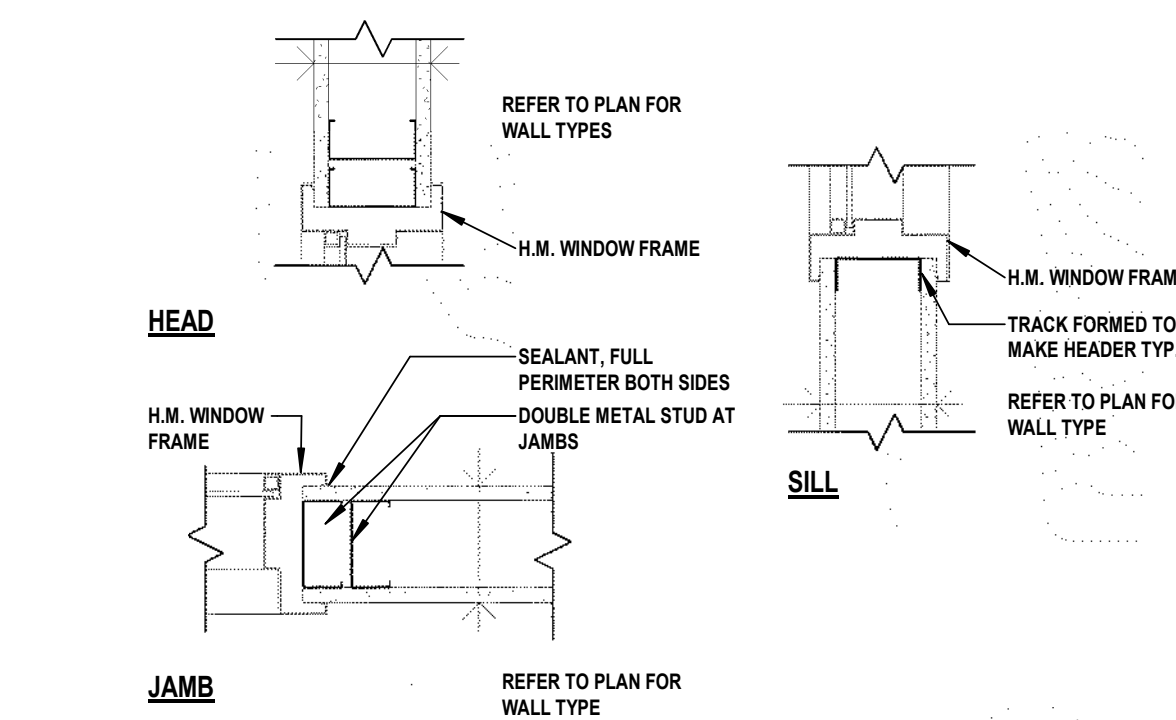
7 WINDOW DETAIL - JAMB AT EXT. STUD WALL
 SCALE: 3" = 1'-0"



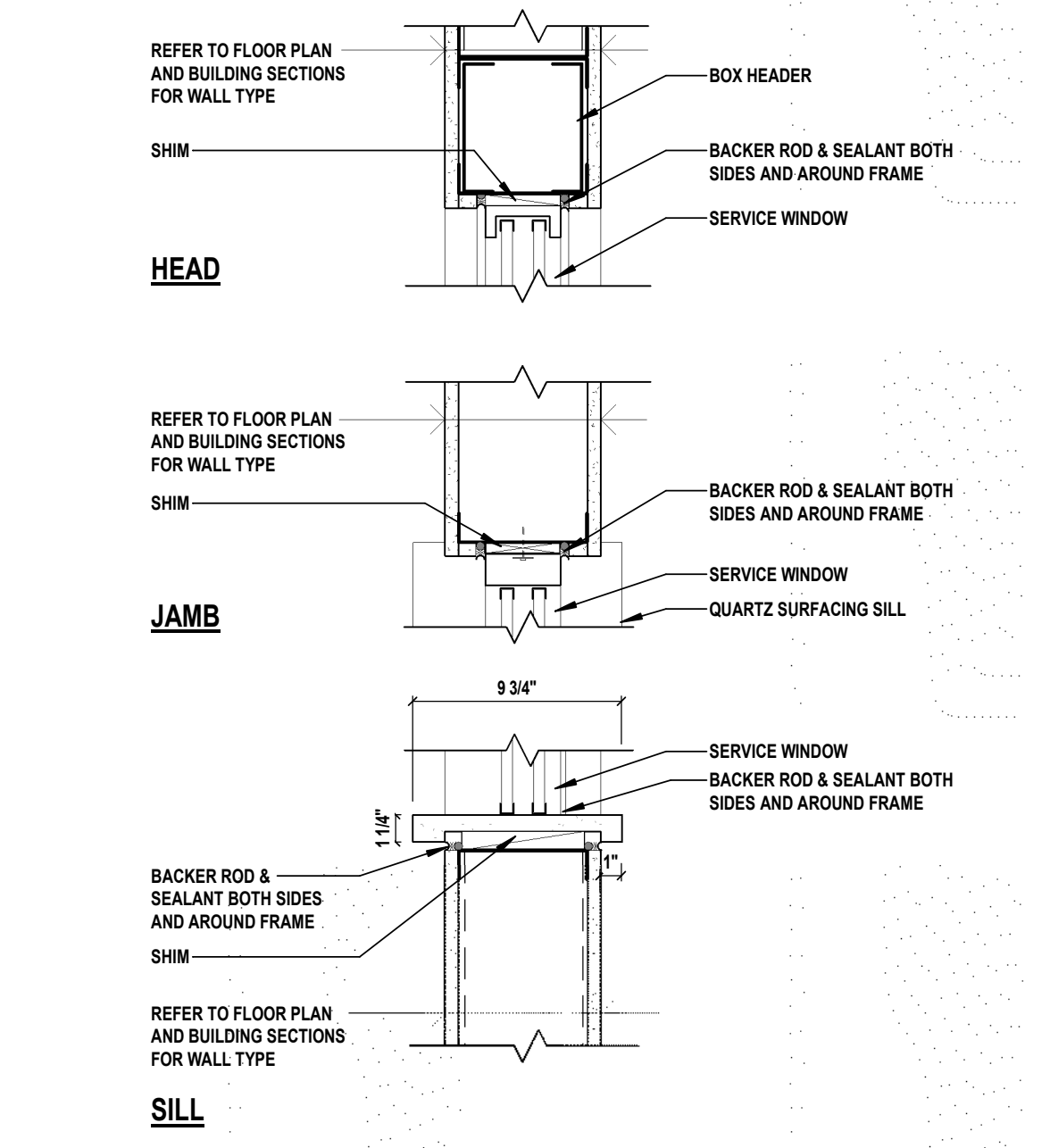
11 WINDOW DETAIL - SILL AT EXT. STUD WALL (TYP.)
 SCALE: 3" = 1'-0"



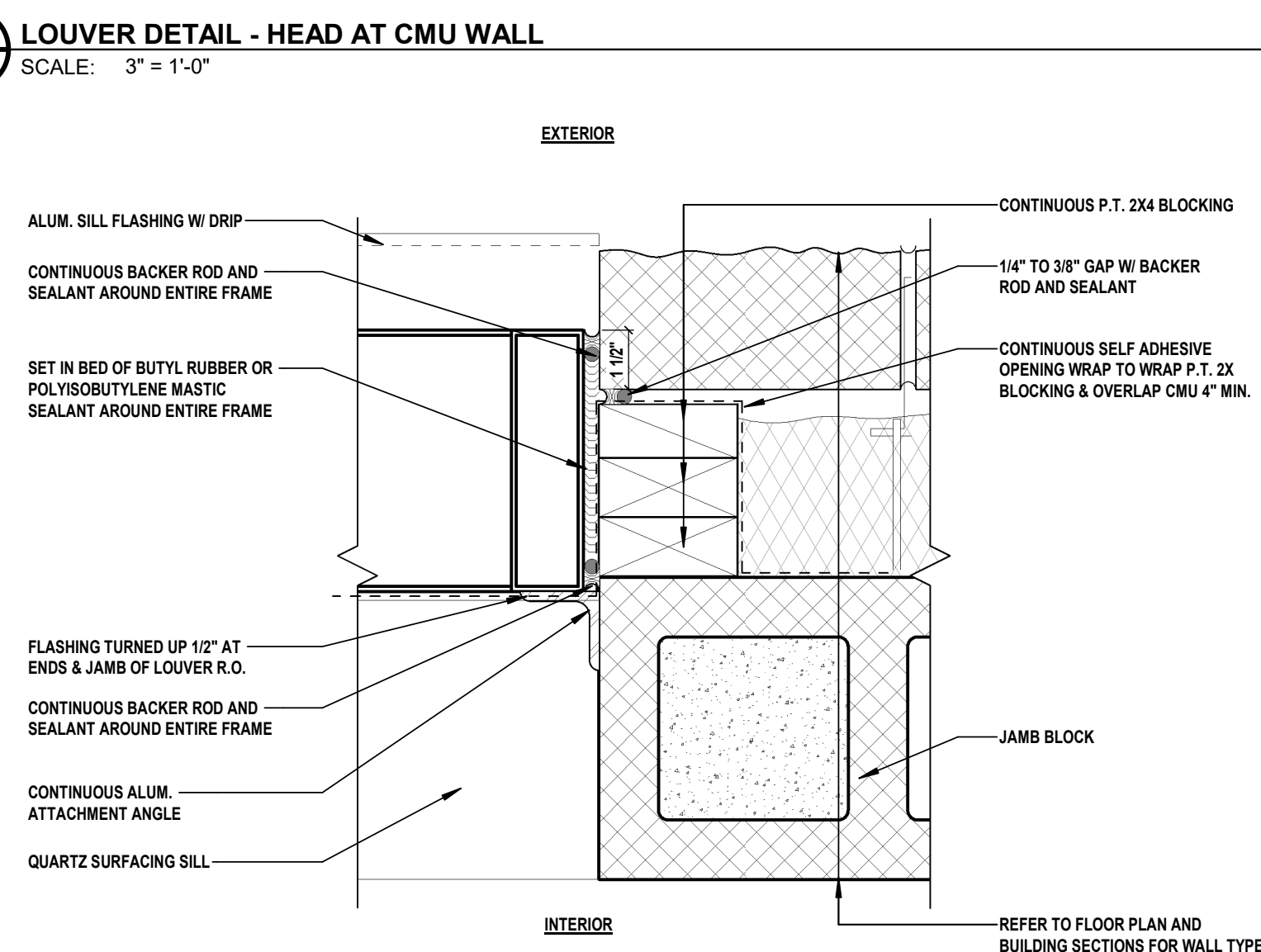
4 FLASHING TERMINATION @ SILL
 SCALE: 6" = 1'-0"



8 WINDOW DETAILS - INT. STUD WALL
 SCALE: 1 1/2" = 1'-0"

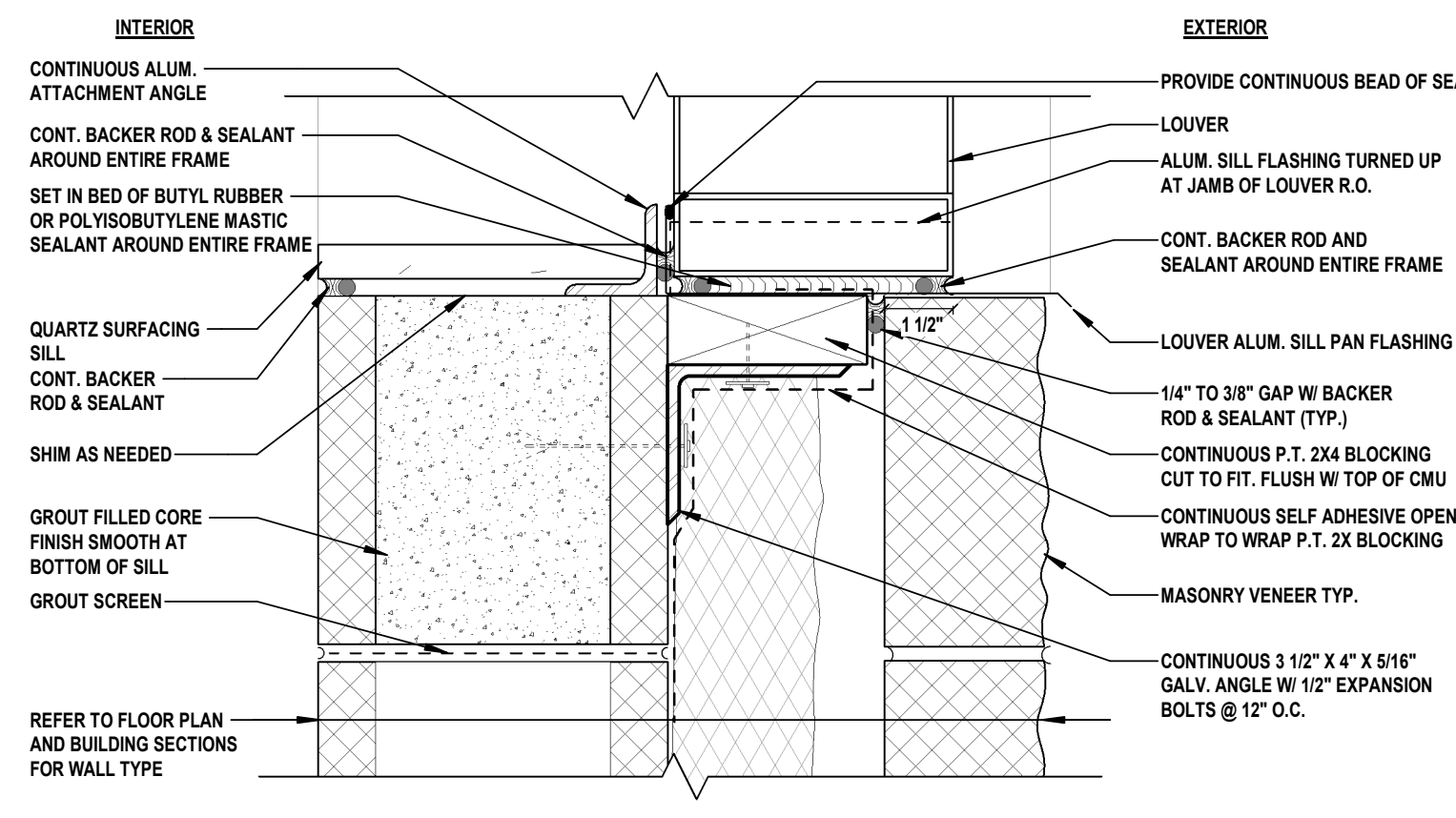


12 SERVICE WINDOW DETAILS - STUD WALL
 SCALE: 1 1/2" = 1'-0"



10 LOUVER DETAIL - SILL AT CMU WALL
 SCALE: 3" = 1'-0"

9 GLASS BLOCK DETAIL - SILL AT SINGLE WYTHE ACMU
 SCALE: 3" = 1'-0"



- NOTES:
 1. QUARTZ SILL ONLY REQUIRED AT LOUVERS NOT CONNECTED TO DUCTWORK OR MOTORIZED DAMPER
 2. REFER TO MECHANICAL DRAWINGS FOR DUCTWORK REQUIREMENTS

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 NJ Engineering Certificate of Authorization No.: 24GA28025500

CONSULTANTS:

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1 SAFETY PLACE
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 BOROUGH OF METUCHEN
 COUNTY OF MIDDLESEX
 NEW JERSEY

STATUS 90% - NFC

SHEET TITLE
WINDOW DETAILS

DRAWING No.
A 510.00

CONSULTANTS:

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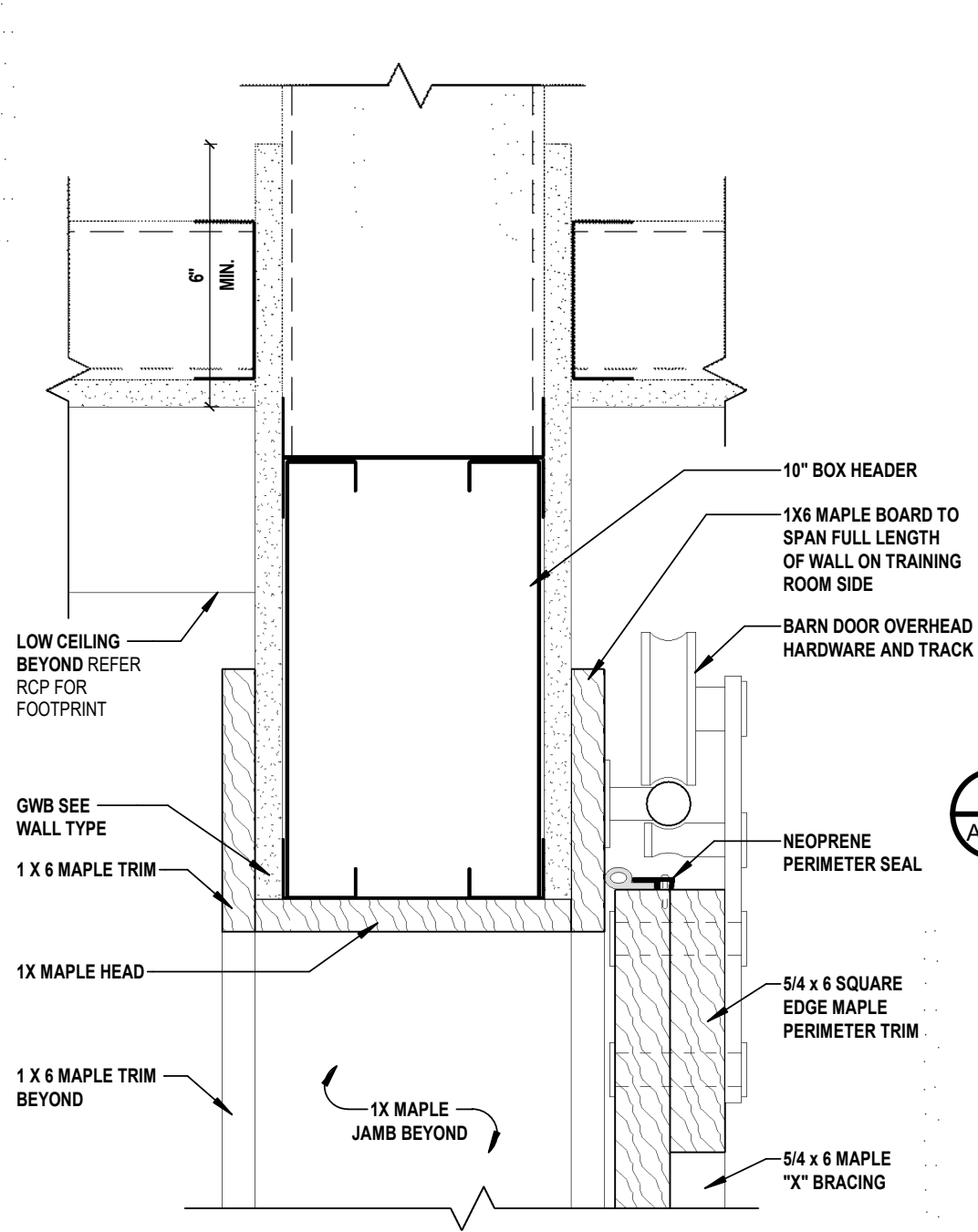


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BOROUGH OF METUCHEN
COUNTY OF MIDDLESEX
NEW JERSEY

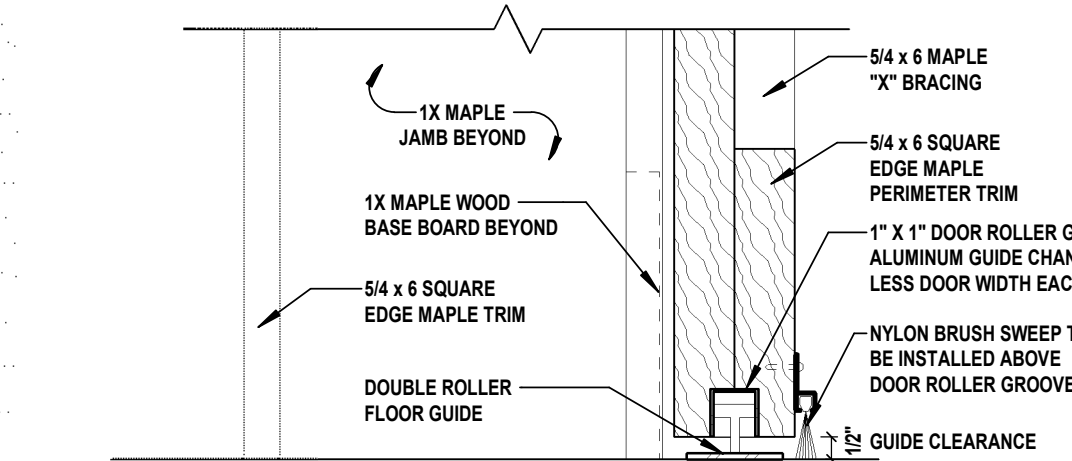
STATUS **90% - NFC**

SHEET TITLE
DOOR DETAILS

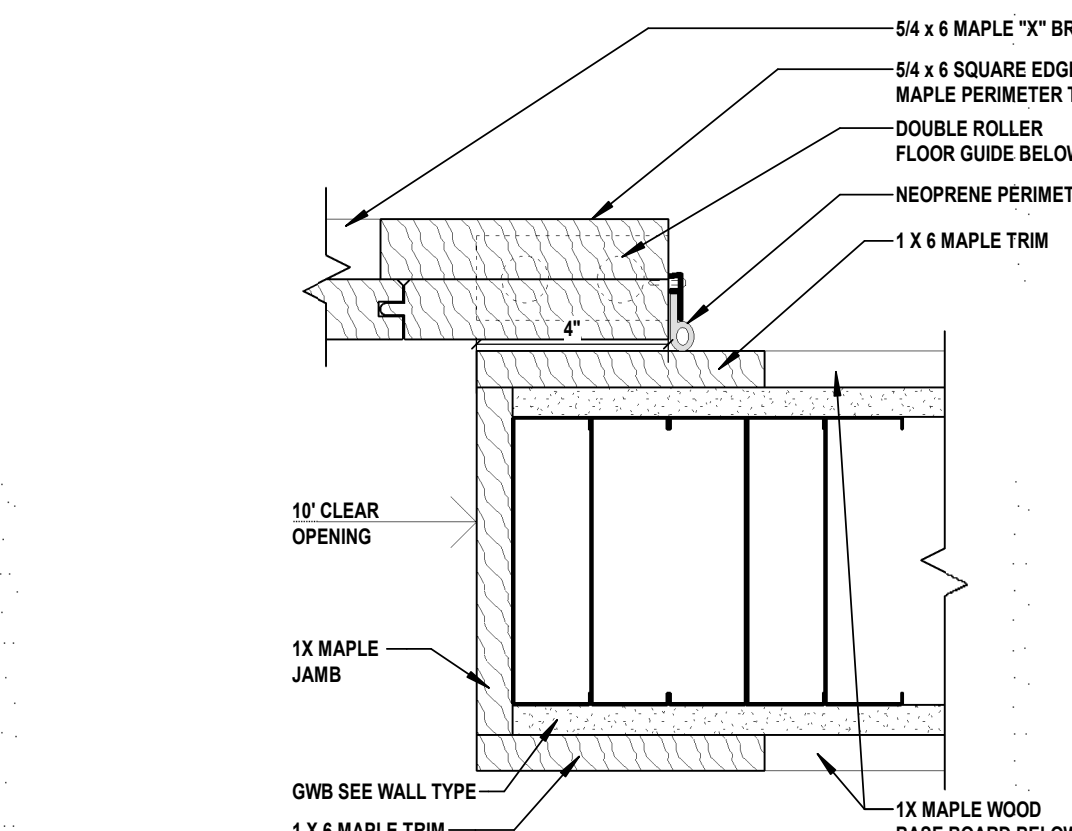
DRAWING No.
A 520.00



19 BARN DOOR TRACK DETAIL
A 520 SCALE: 3" = 1'-0"

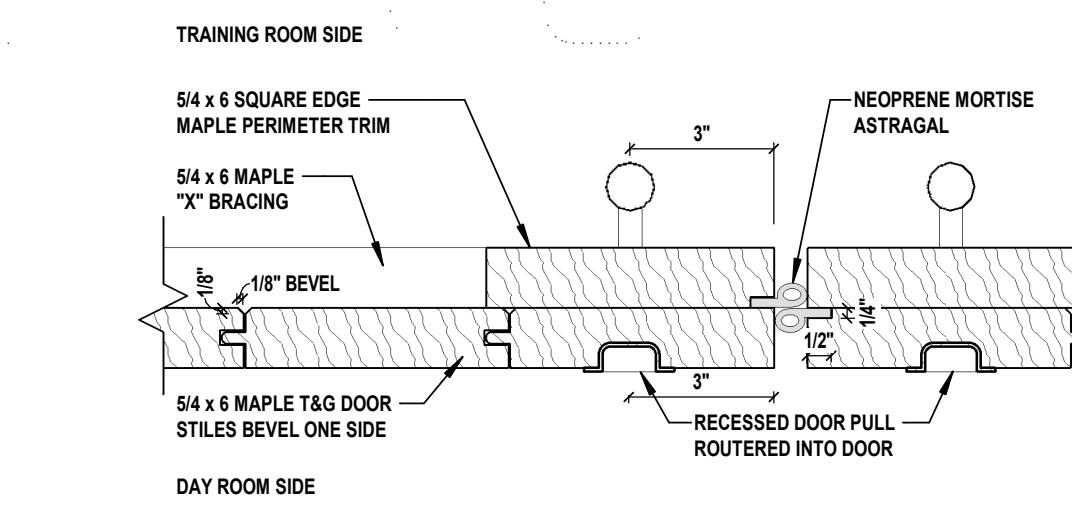


18 BARN DOOR ROLLER DETAIL
A 520 SCALE: 3" = 1'-0"

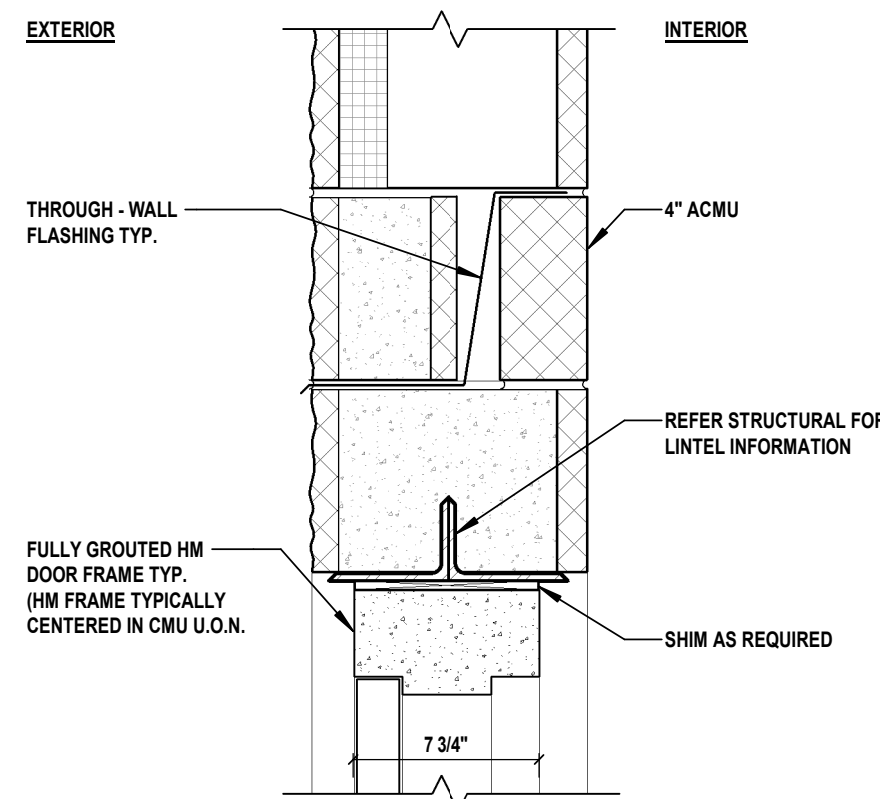


17 BARN DOOR JAMB DETAIL (TYP.)
A 520 SCALE: 3" = 1'-0"

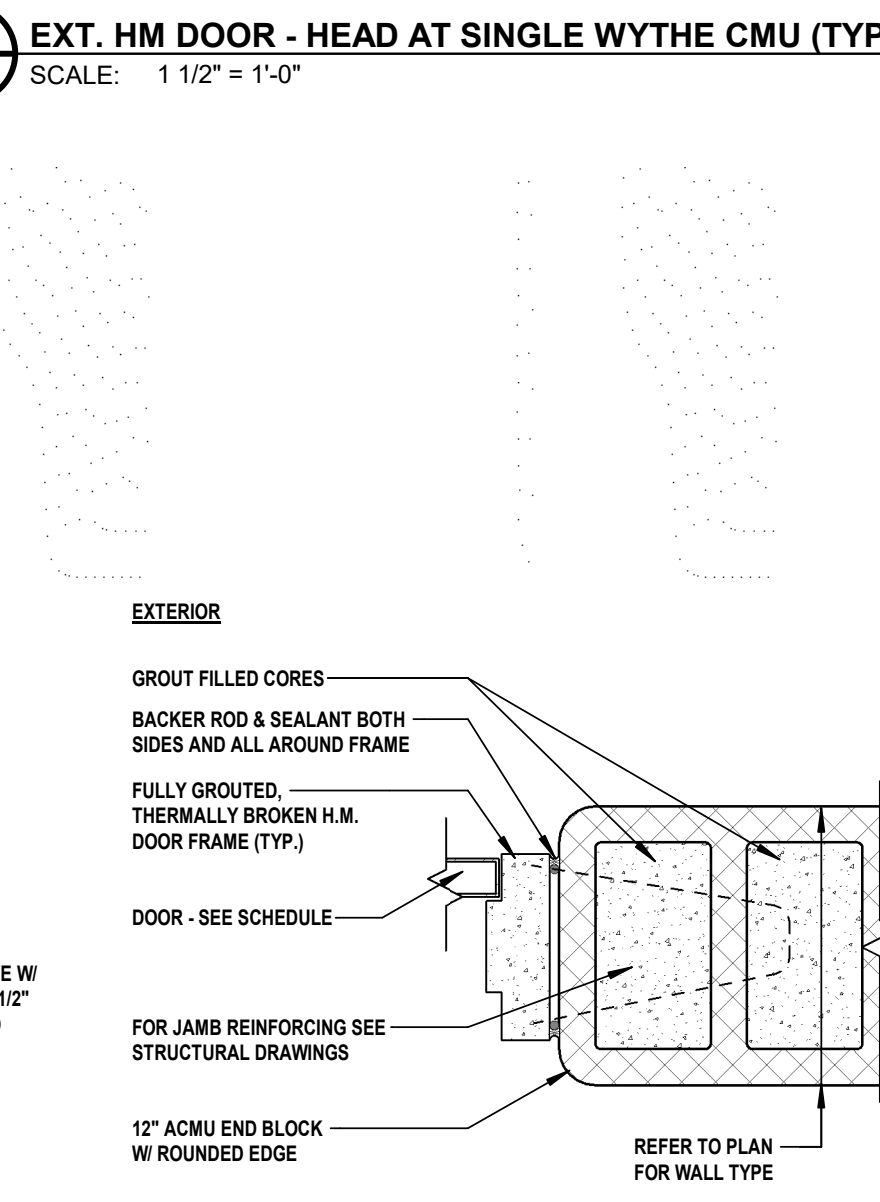
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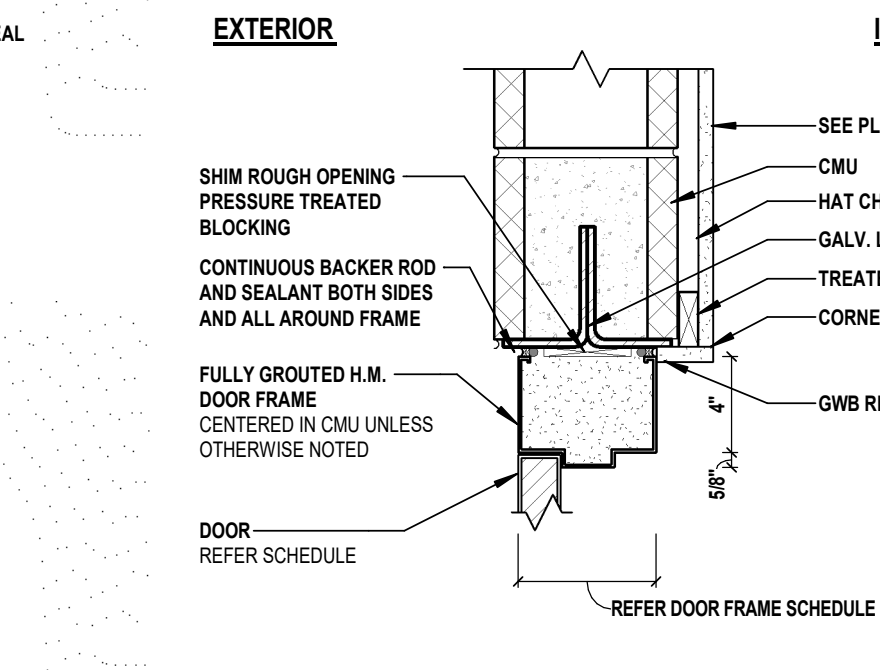
20 DOOR STILES CONNECTION DETAIL
A 520 SCALE: 3" = 1'-0"



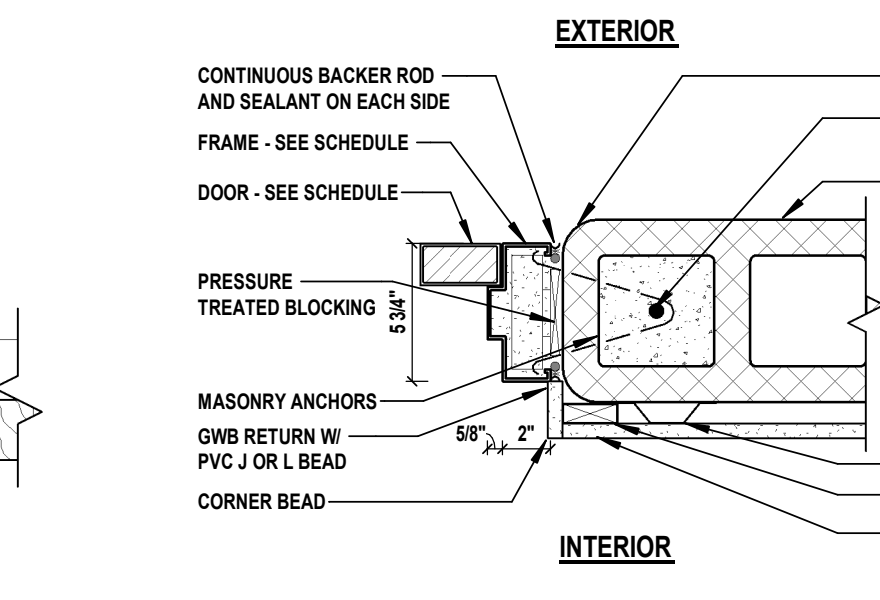
1 EXT. HM DOOR - HEAD AT SINGLE WYTHE CMU (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"



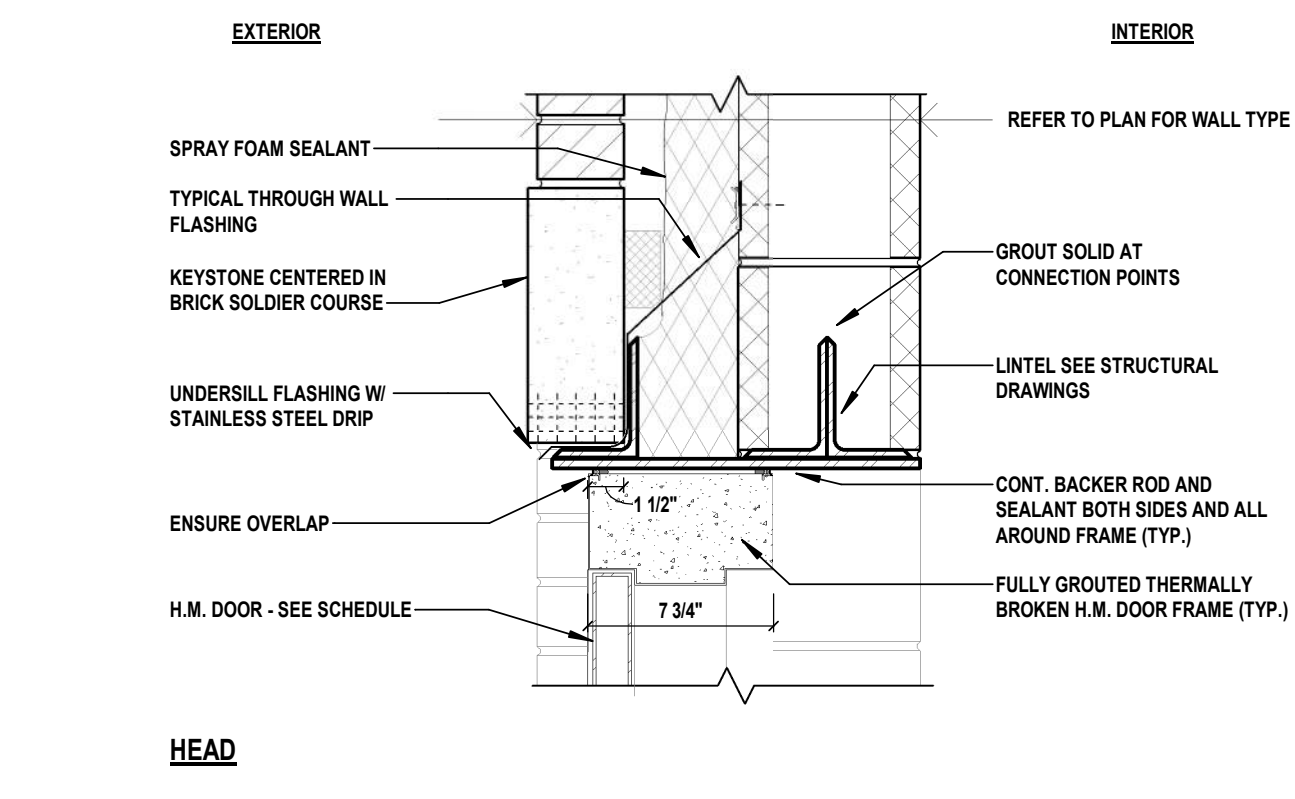
5 EXT. HM DOOR - JAMB AT SINGLE WYTHE CMU (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"



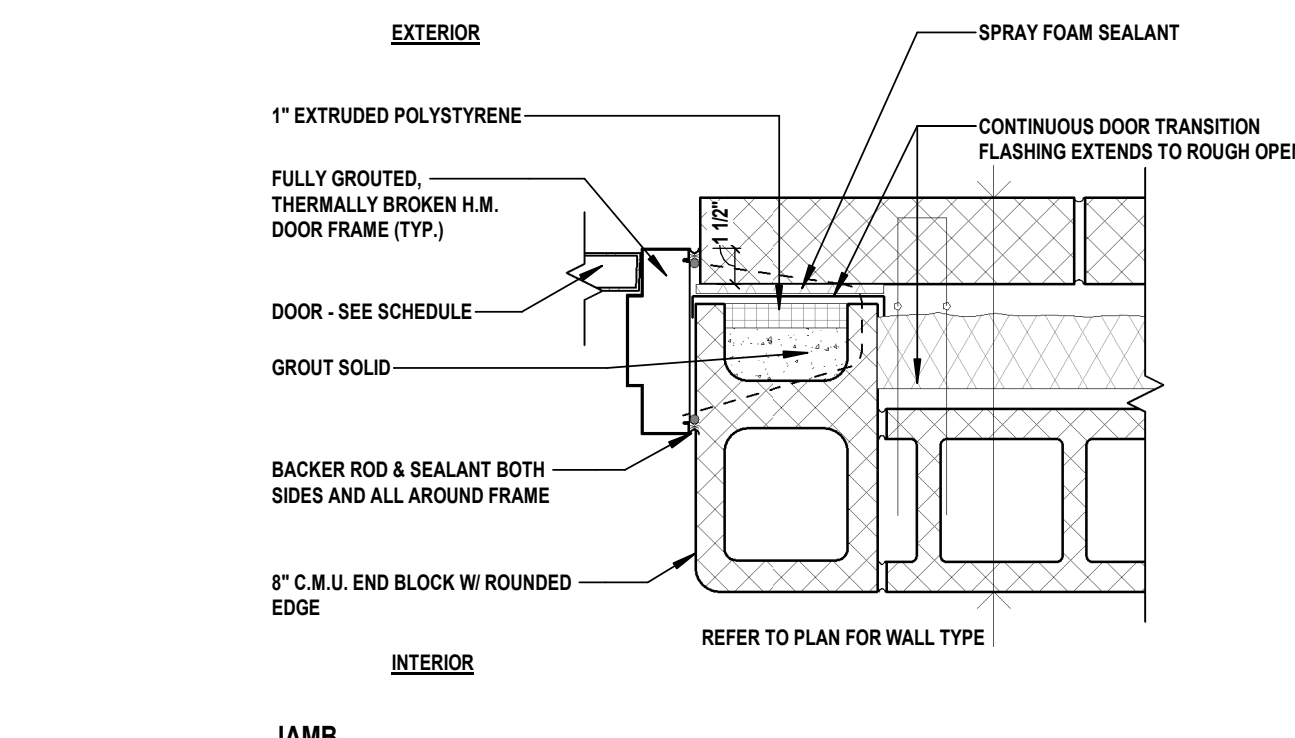
9 INT. HM DOOR - HEAD AT CMU W/ FURRING (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"



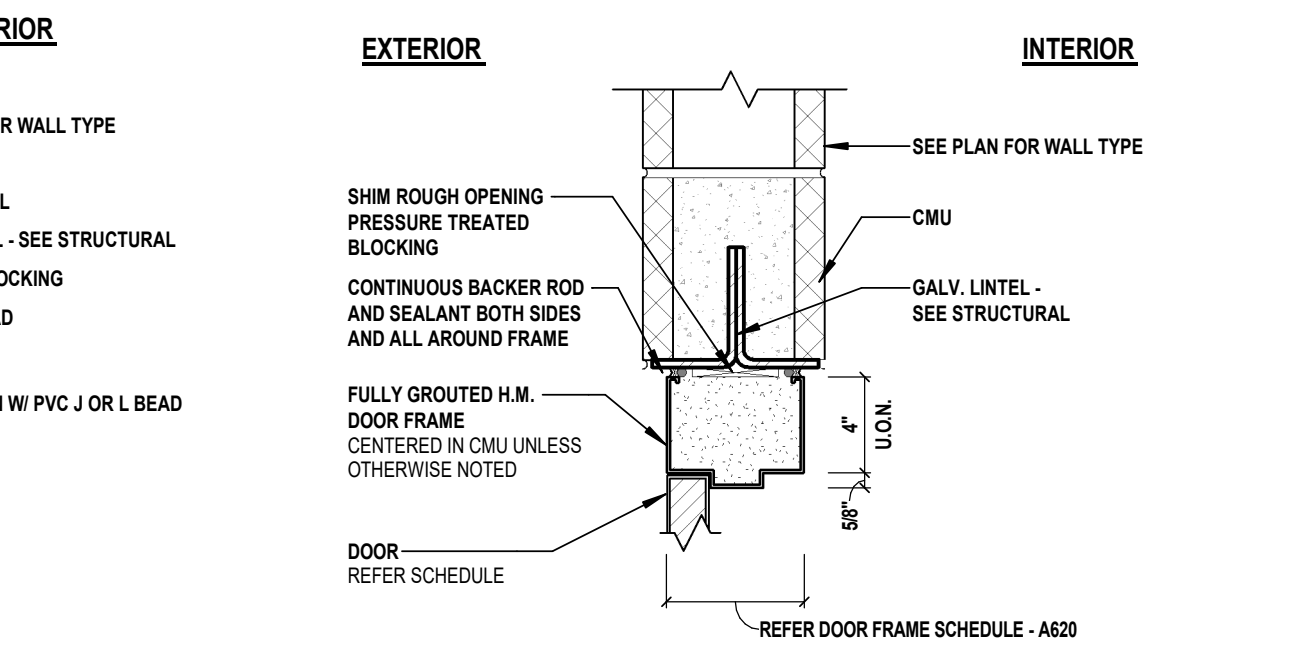
13 INT. HM DOOR - JAMB AT CMU W/ FURRING (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"



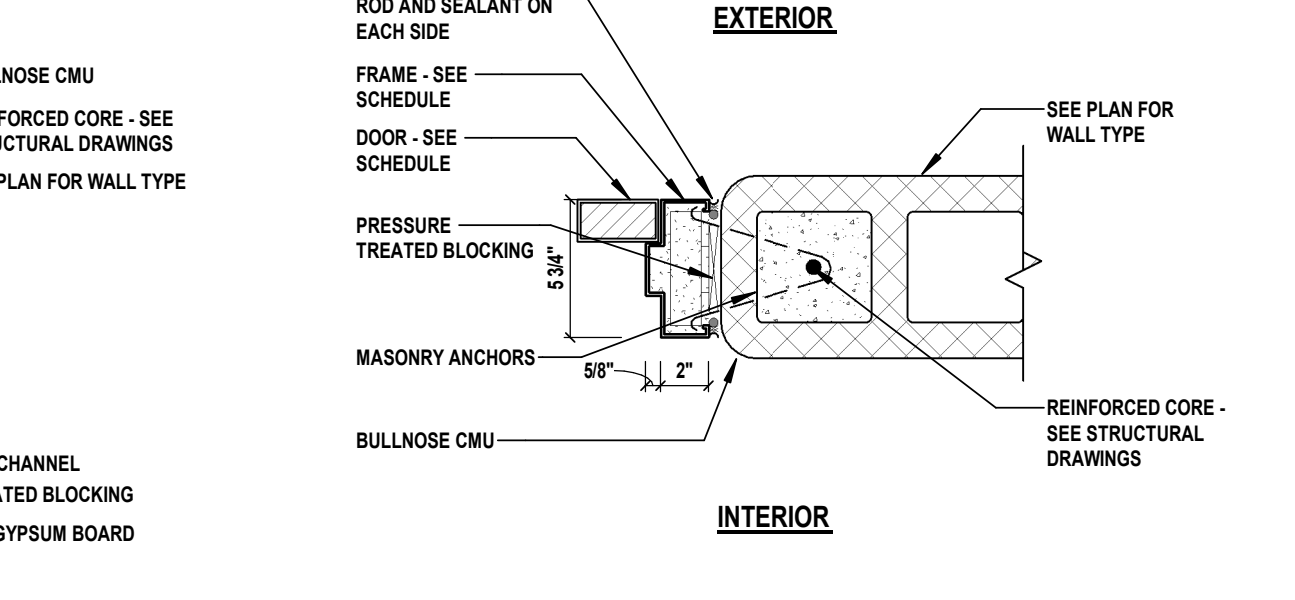
2 EXT. HM DOOR - HEAD @ CMU (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"



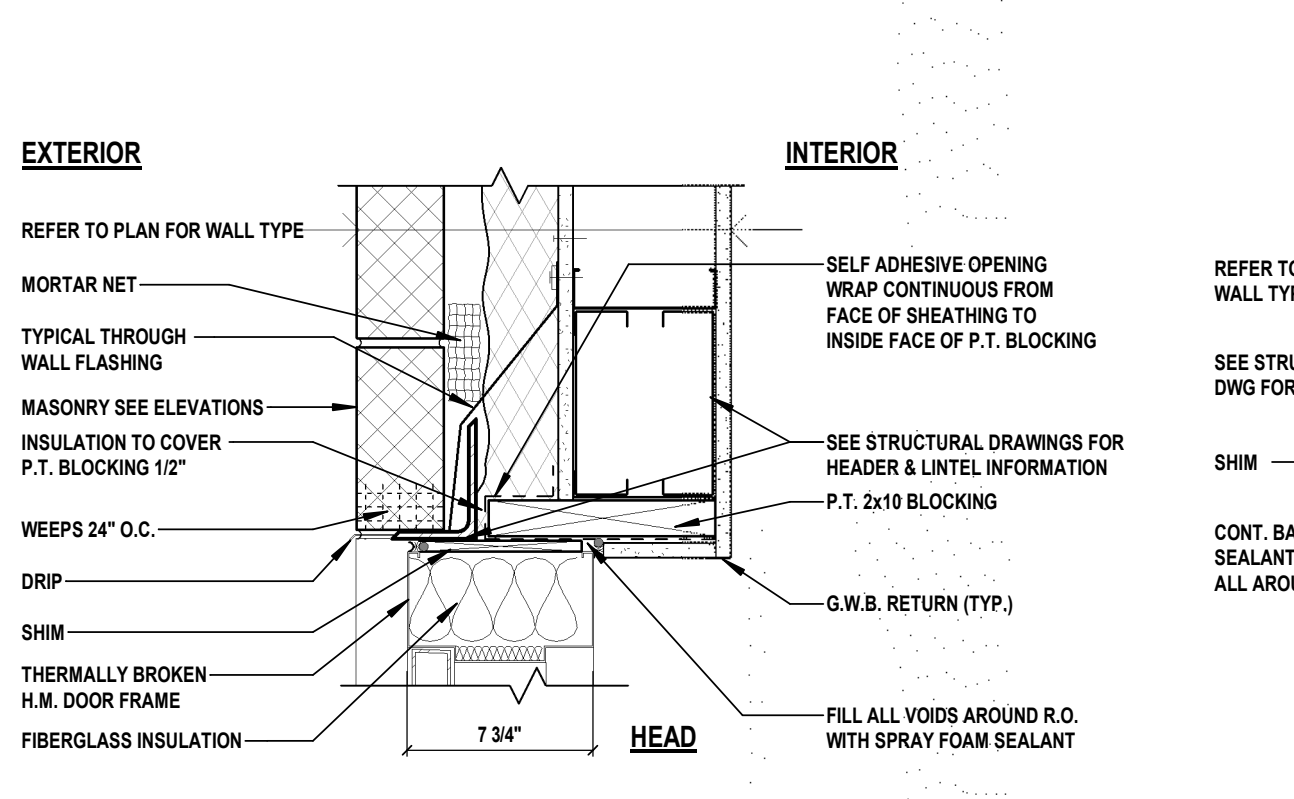
6 EXT. HM DOOR - JAMB @ CMU (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"



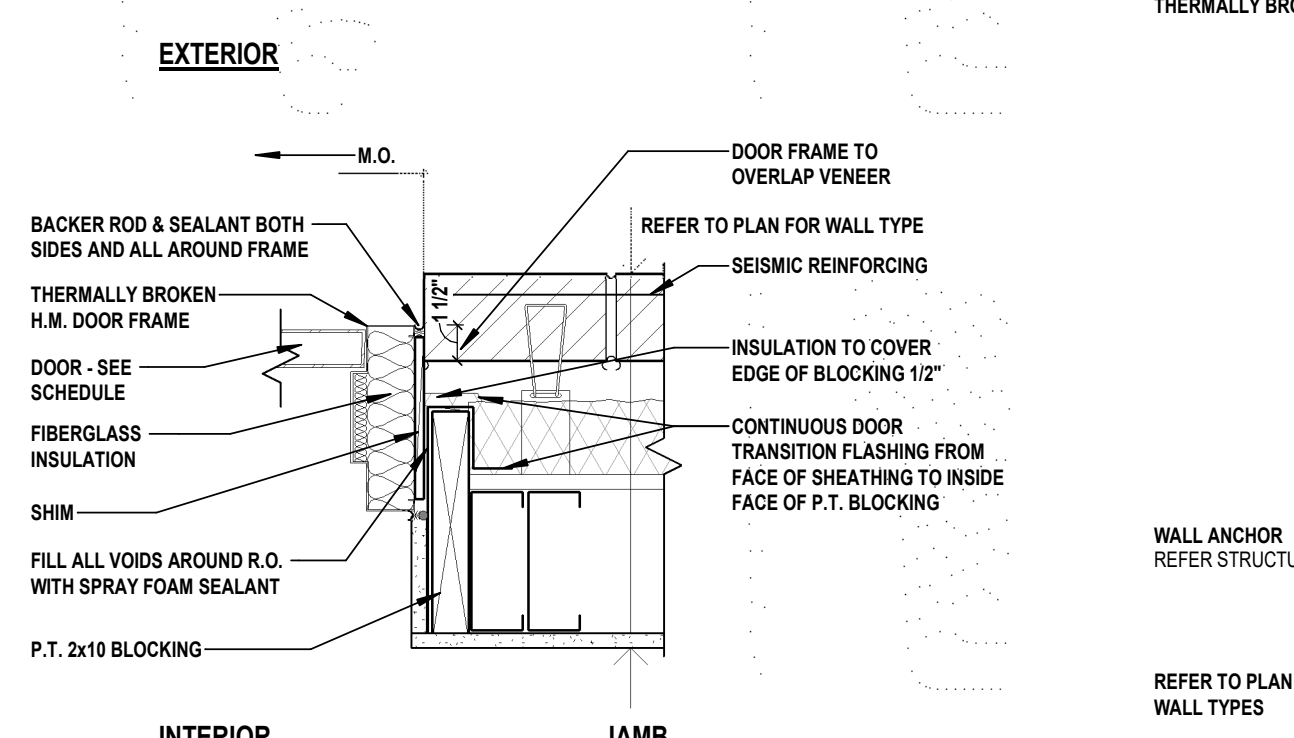
10 INT. HM DOOR - HEAD - AT CMU
A 520 SCALE: 1 1/2" = 1'-0"



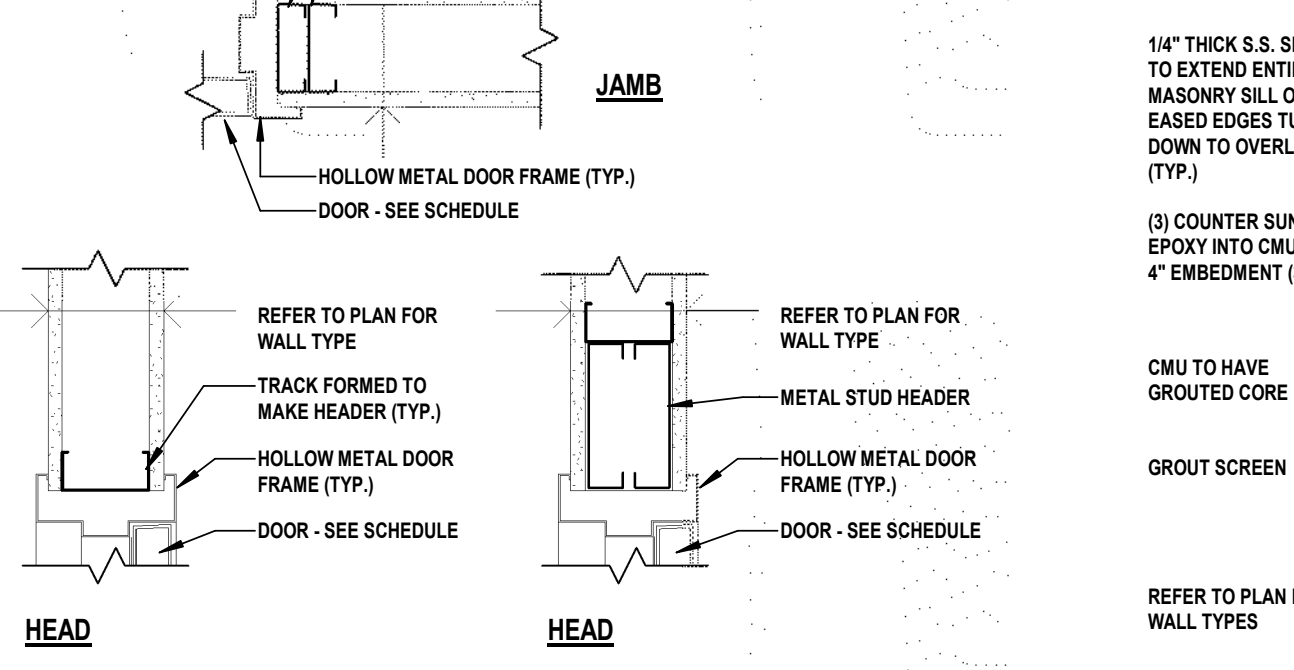
14 INT. HM DOOR - JAMB - AT CMU
A 520 SCALE: 1 1/2" = 1'-0"



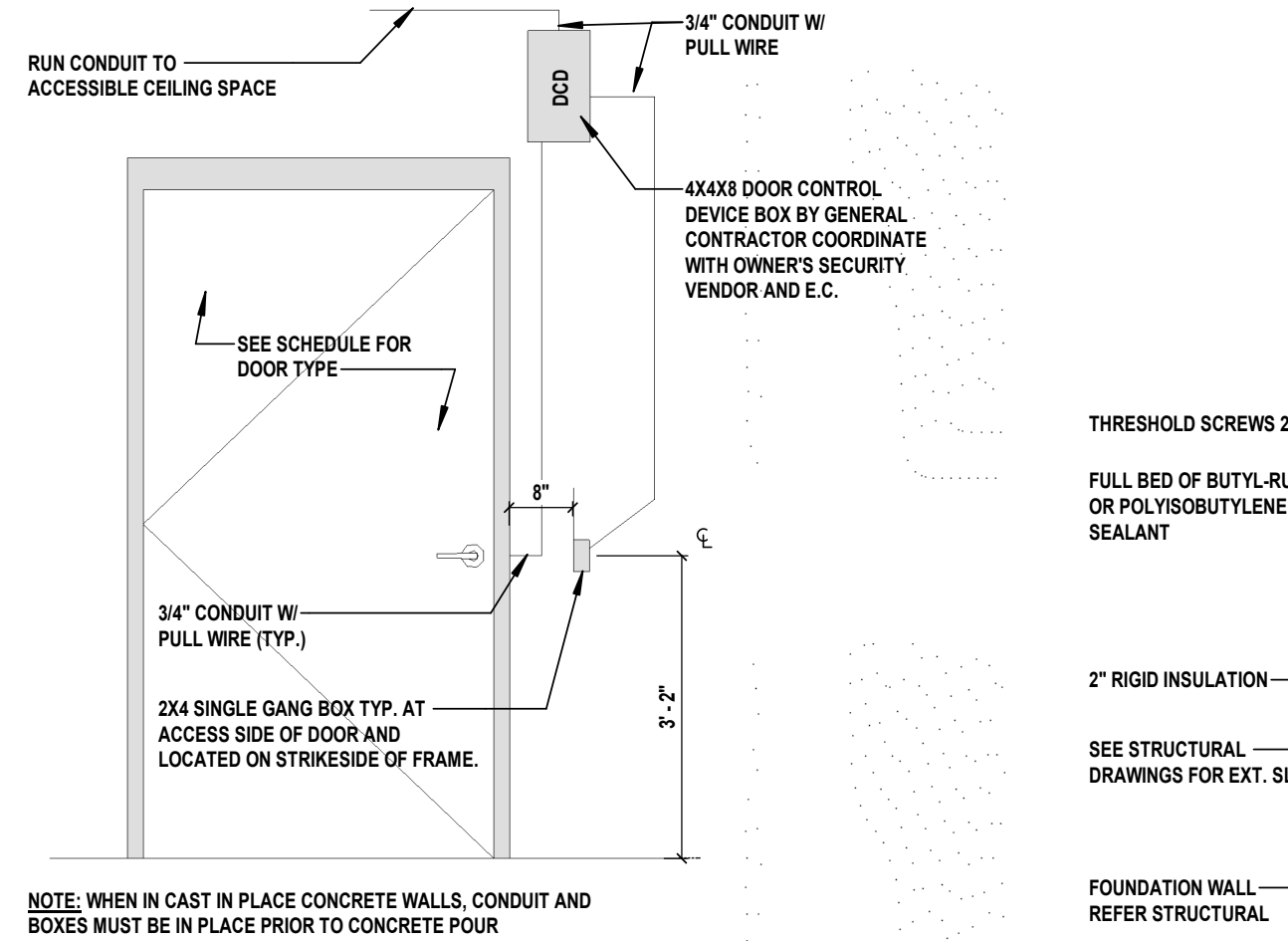
3 EXT. HM DOOR - HEAD @ STUD (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"



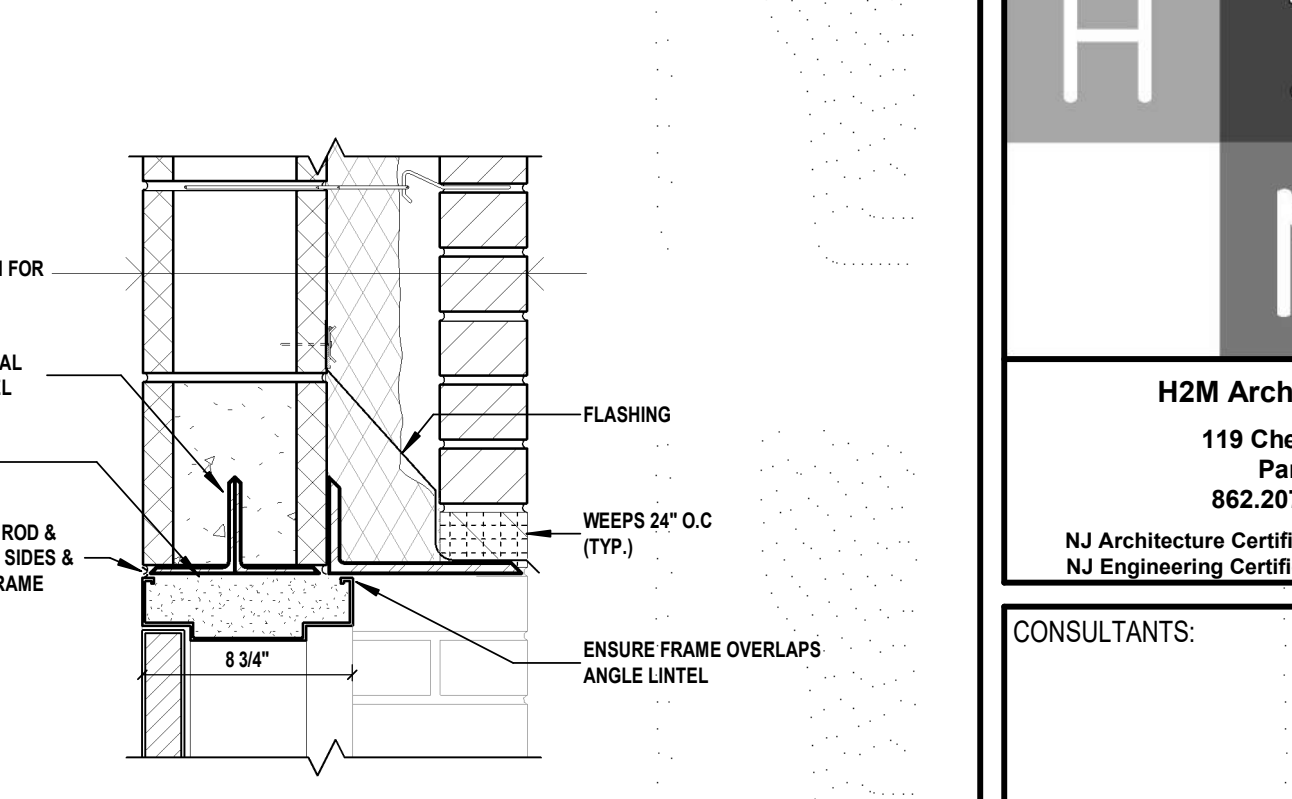
7 EXT. HM DOOR - JAMB - AT STUD (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"



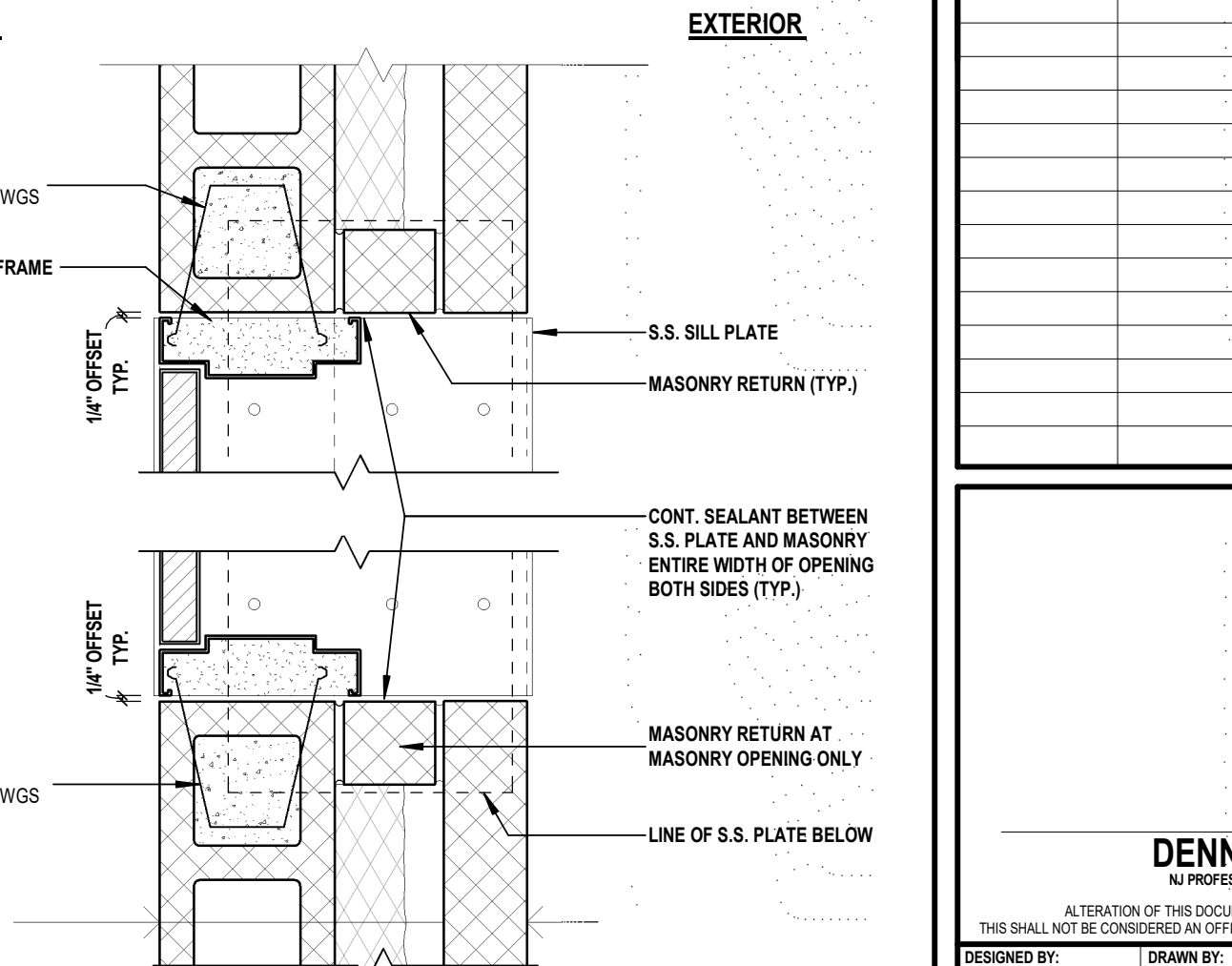
11 INT. HM DOOR - STUD WALL DETAILS
A 520 SCALE: 1 1/2" = 1'-0"



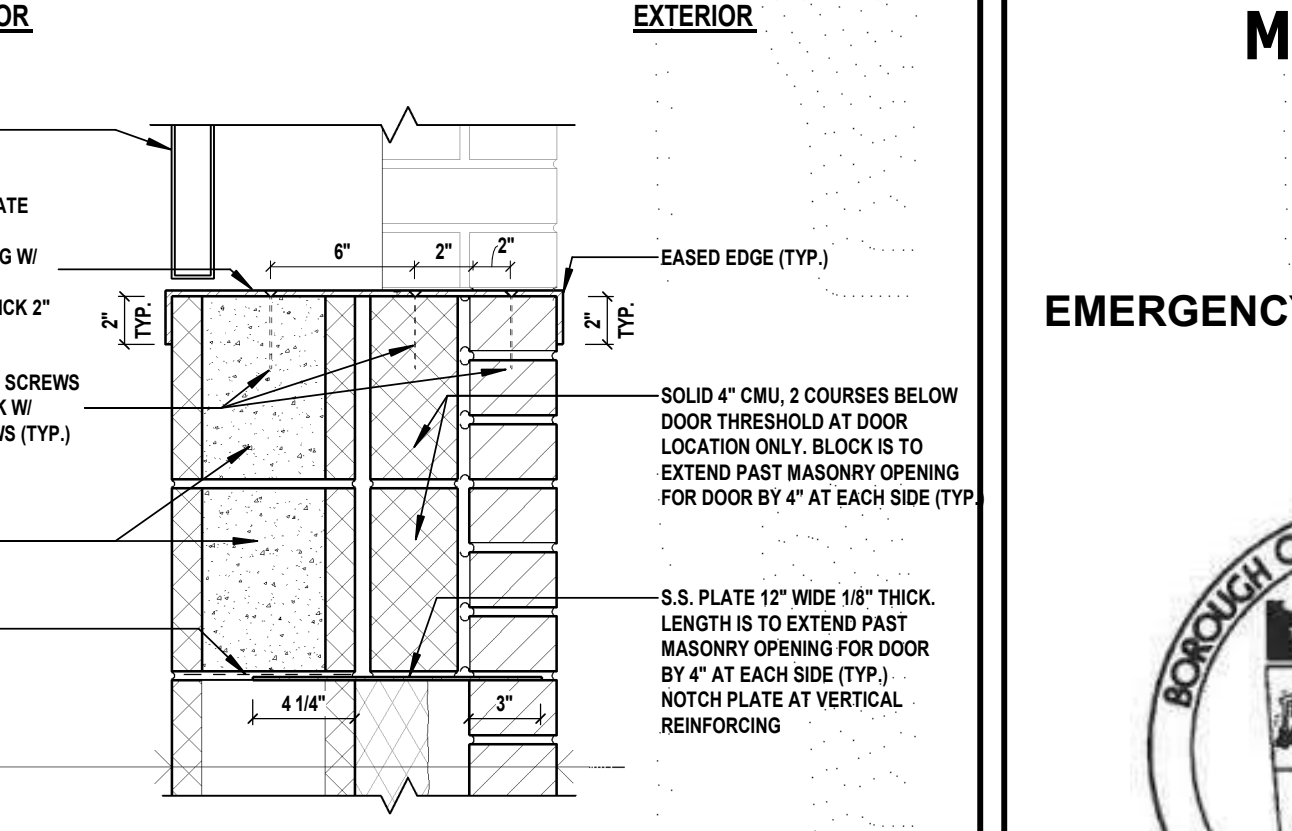
15 ELECTRIC STRIKE DETAIL (TYP.)
A 520 SCALE: 1/2" = 1'-0"



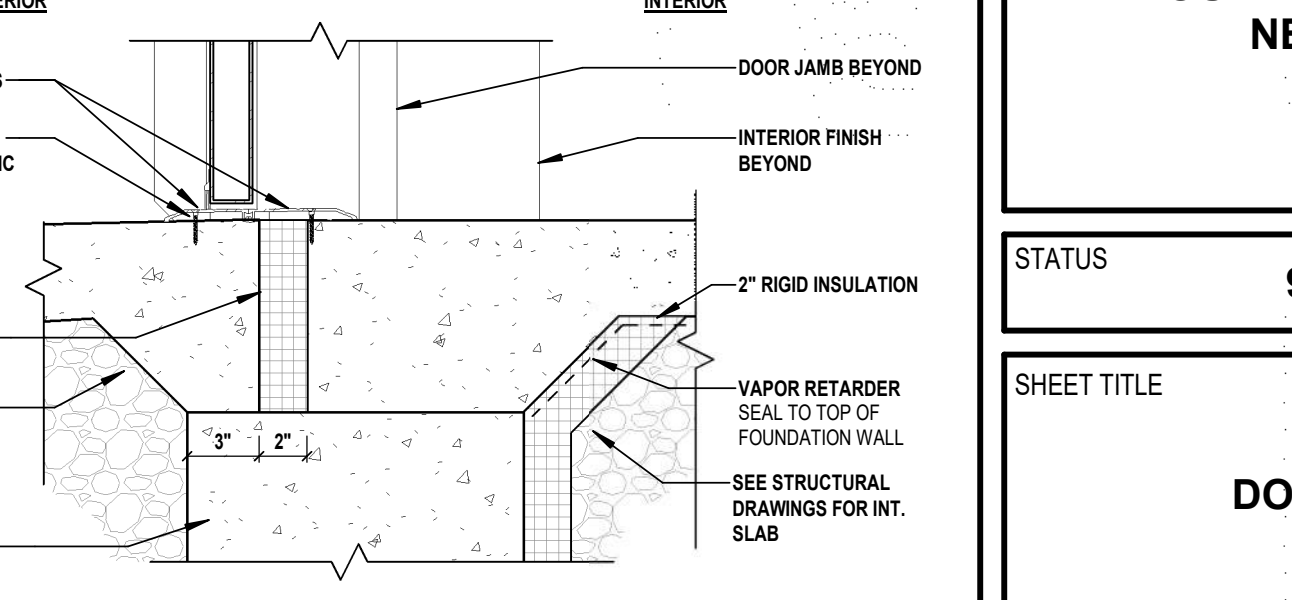
4 EXT. HM TRAINING DOOR - HEAD @ CMU (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"



8 EXT. HM TRAINING DOOR - JAMB @ CMU (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"



12 EXT. HM TRAINING DOOR - SILL @ CMU (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"



16 EXT. HM DOOR - THRESHOLD (TYP.)
A 520 SCALE: 1 1/2" = 1'-0"

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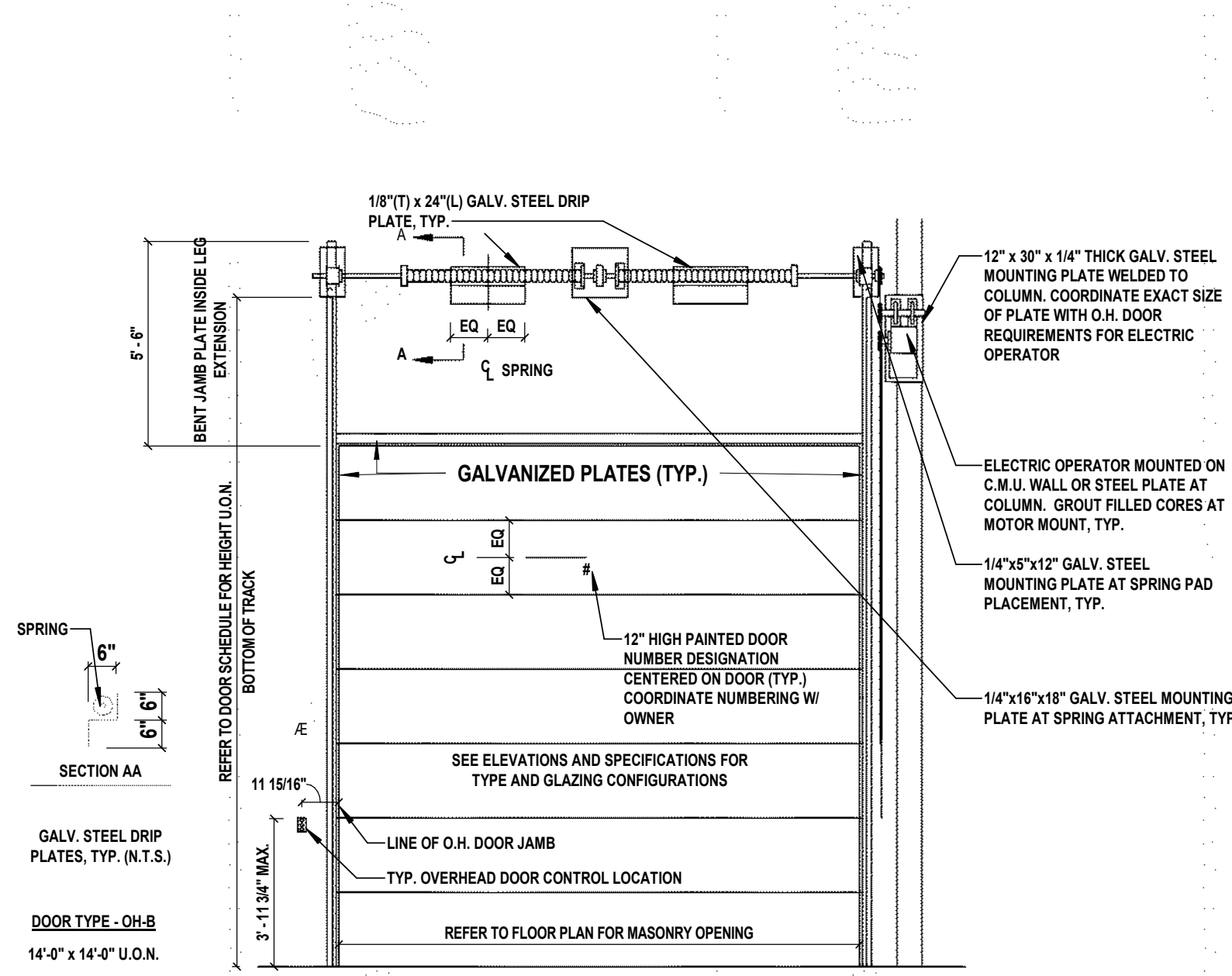


1 SAFETY PLACE
METUCHEN, NJ 08840
BOROUGH OF METUCHEN
COUNTY OF MIDDLESEX
NEW JERSEY

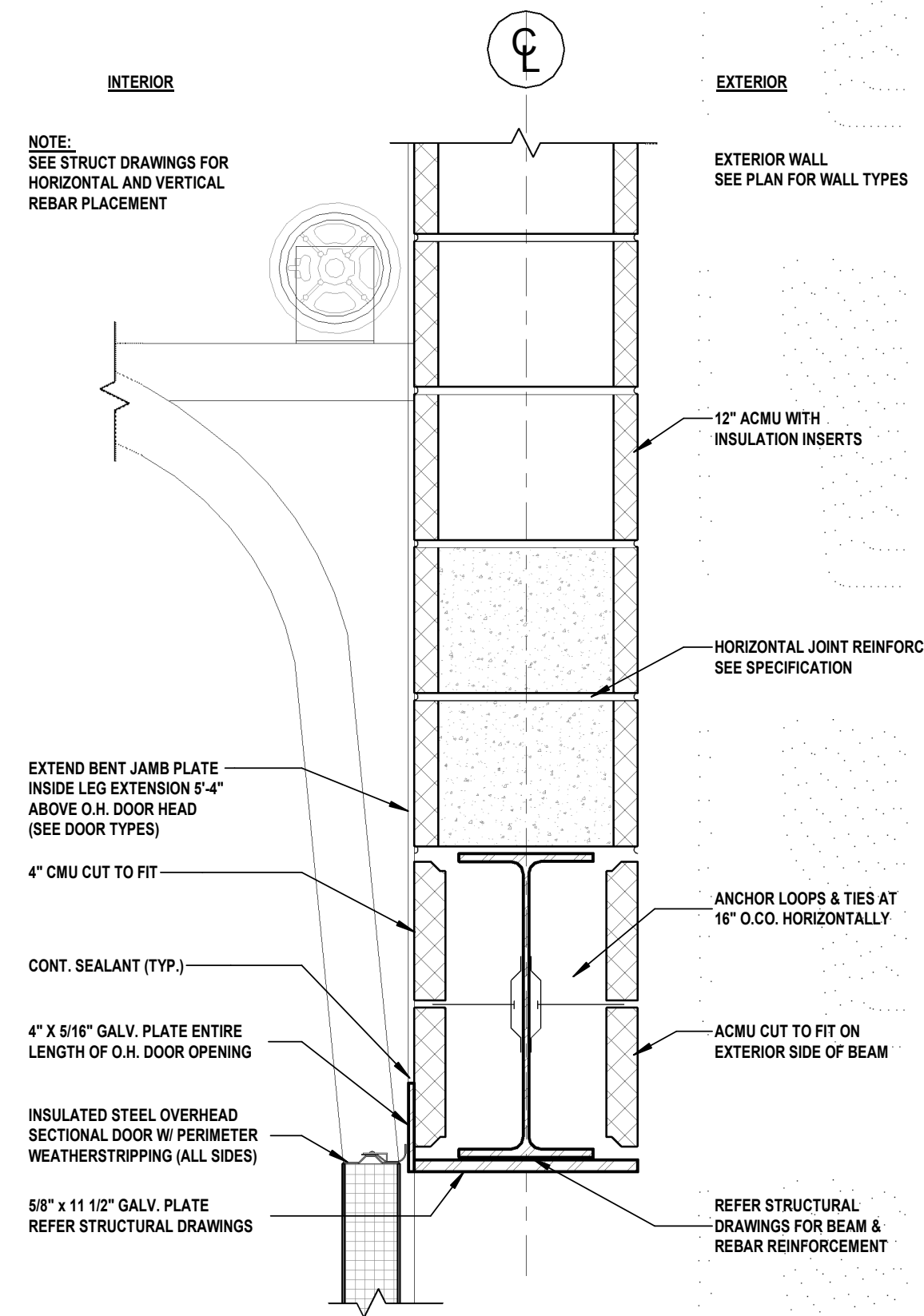
STATUS **90% - NFC**

SHEET TITLE
OVERHEAD DOOR DETAILS

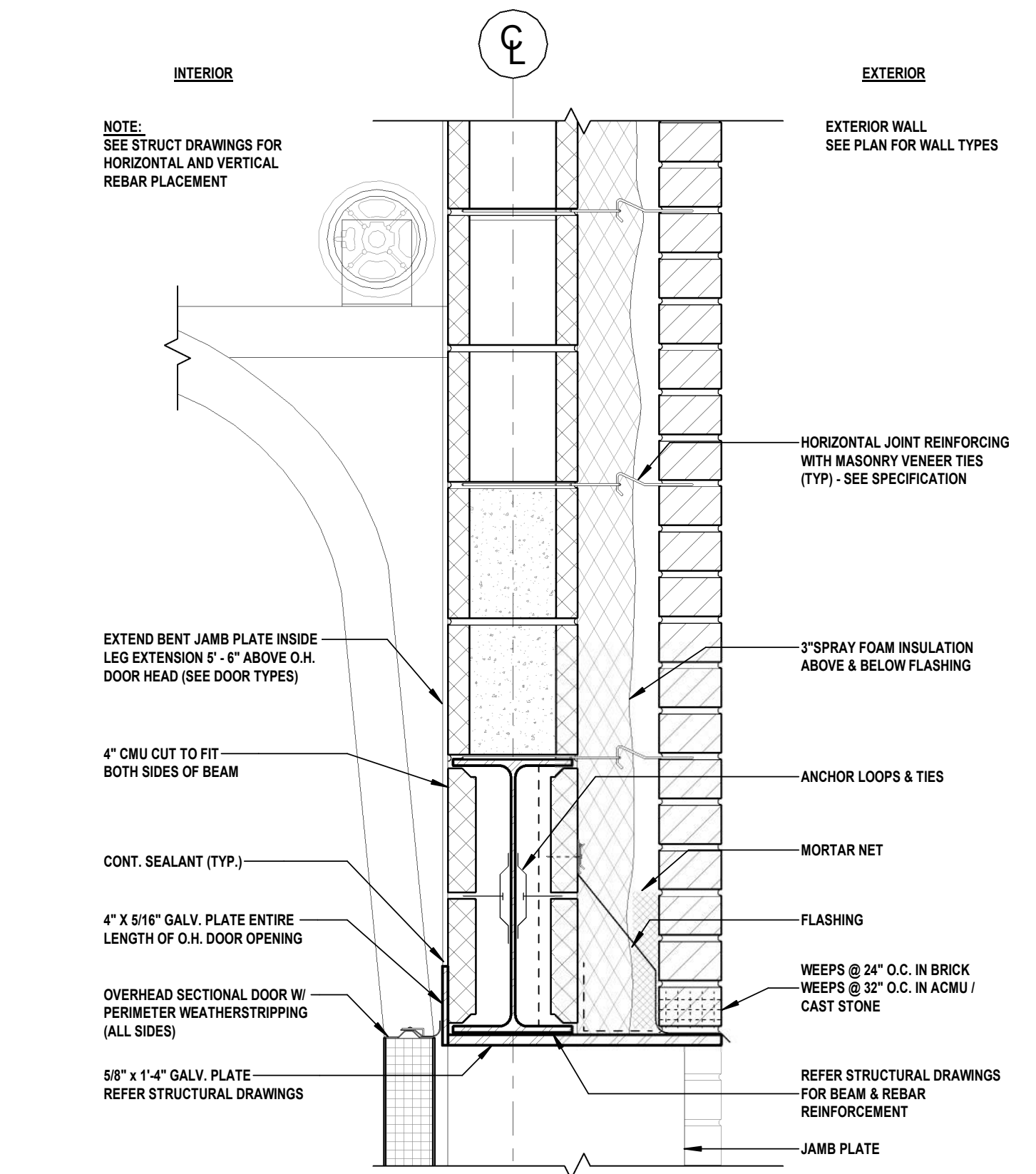
DRAWING No.
A 521.00



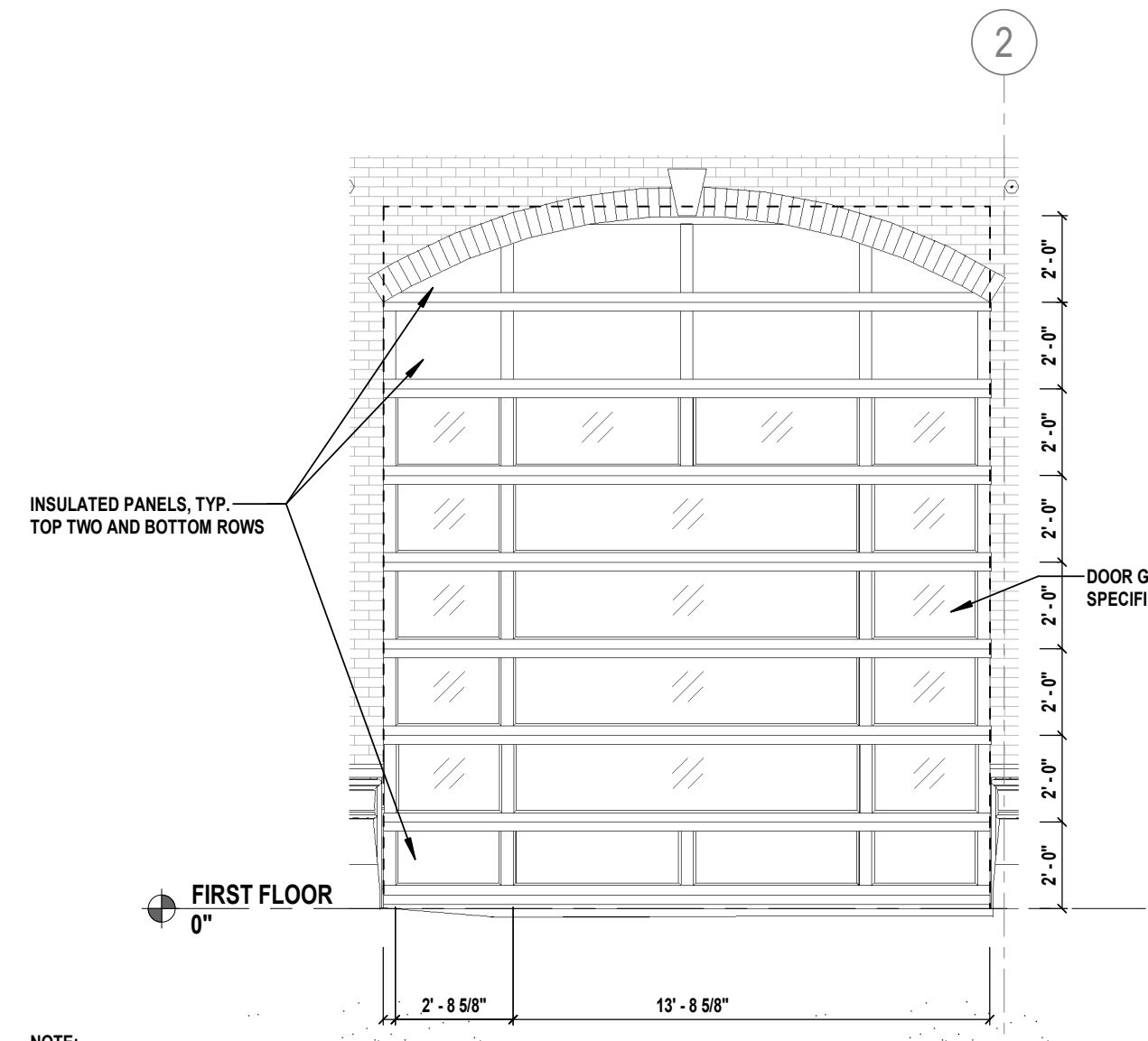
1 INSULATED OVERHEAD DOOR - ELEVATION (TYP.)
 SCALE: 1/4" = 1'-0"



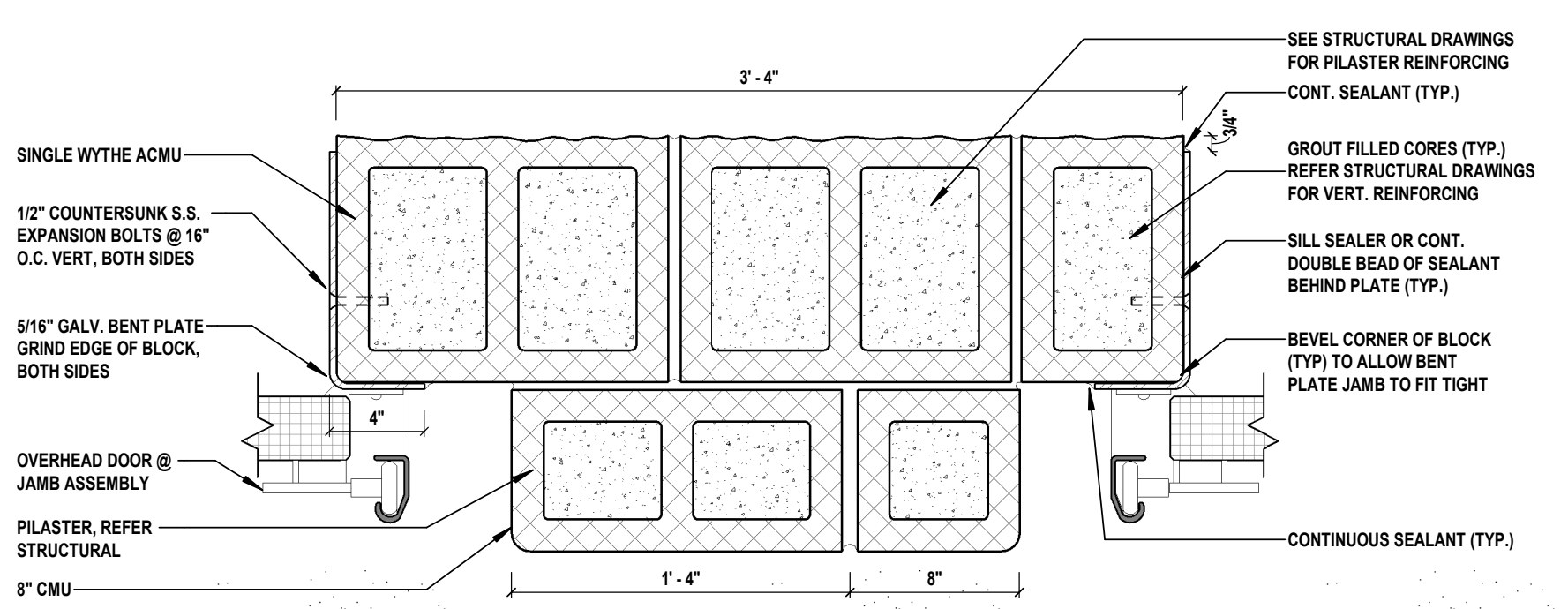
2 OVERHEAD DOOR - HEAD (OUTBUILDING)
 SCALE: 1 1/2" = 1'-0"



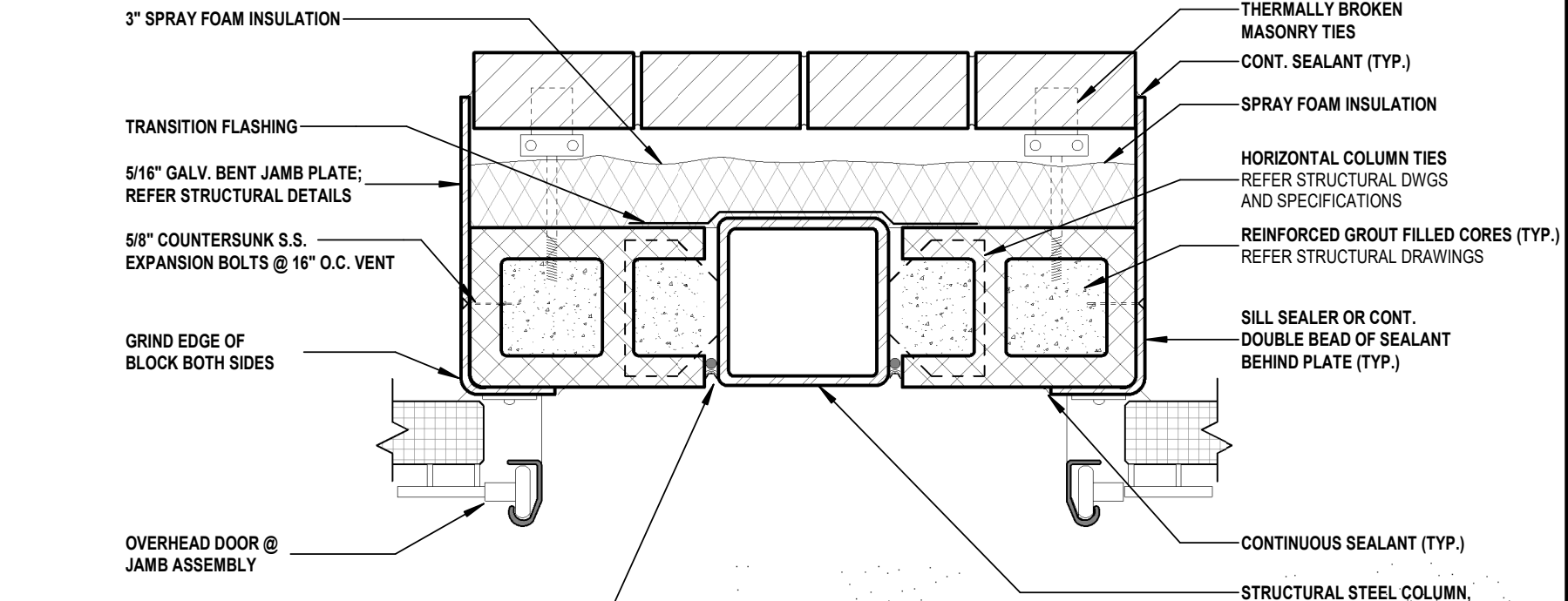
3 OVERHEAD DOOR - HEAD (MAIN BUILDING) (TYP.)
 SCALE: 1 1/2" = 1'-0"



4 OH-A DOOR ELEVATION (RAIL AND STILE)
 SCALE: 1/4" = 1'-0"

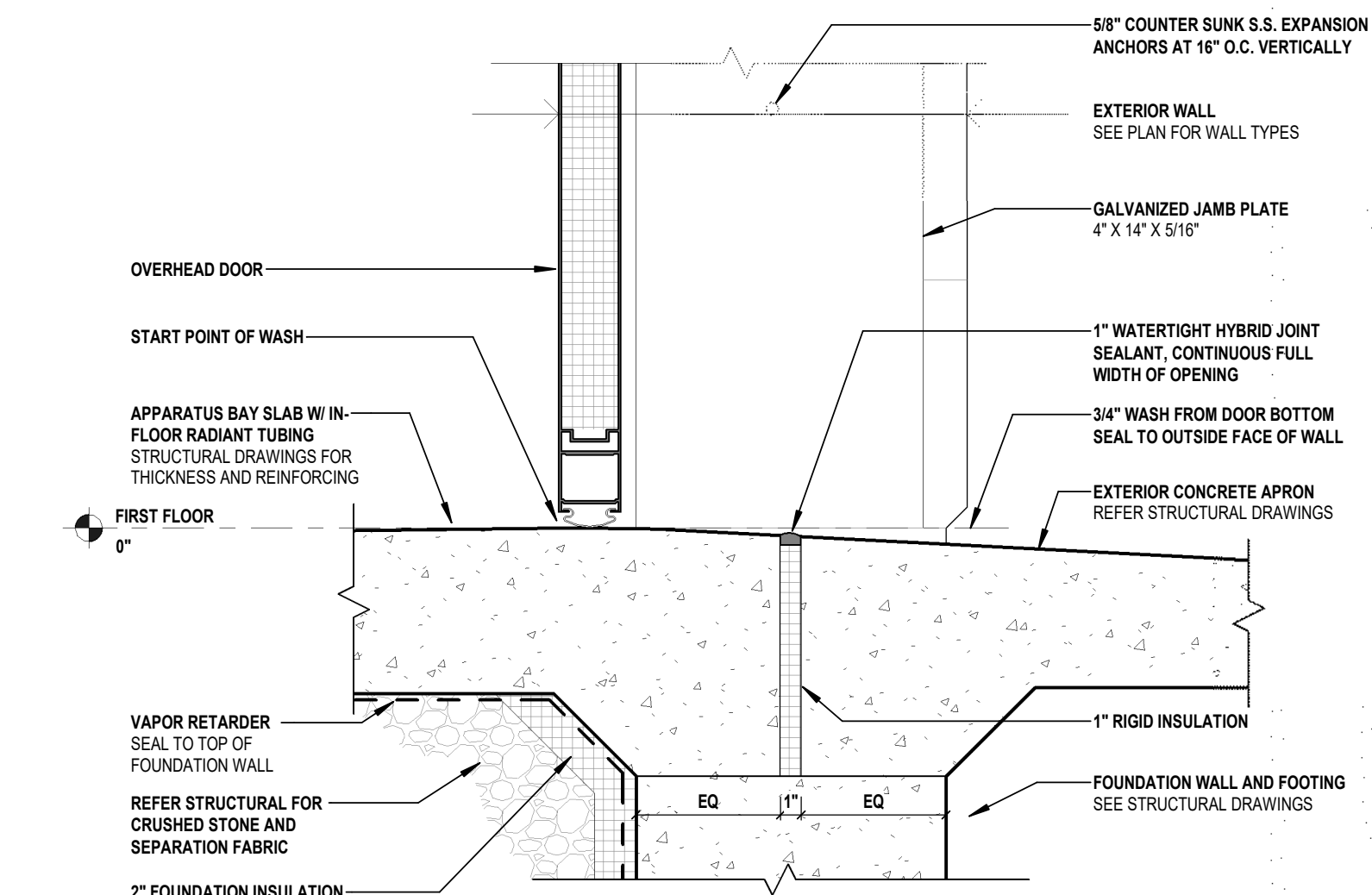


5 OVERHEAD DOOR - JAMB (OUTBUILDING) (TYP.)
 SCALE: 1 1/2" = 1'-0"



6 OVERHEAD DOOR - JAMB (MAIN BUILDING) (TYP.)
 SCALE: 1 1/2" = 1'-0"

NOTE:
 1. SEE 1/A521 FOR RELATED GALV. PLATE & EQUIPMENT MOUNTING REQUIREMENTS
 2. SEE 3/A300 FOR OVERHEAD DOOR CLEAR HEIGHT TO BOTTOM OF TRACK
 3. THIS IS A CUSTOM GLAZING CONFIGURATION REQUESTED BY THE OWNER.



7 OVERHEAD DOOR - THRESHOLD (TYP.)
 SCALE: 1 1/2" = 1'-0"

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 DRAWN BY: SKM
 CHECKED BY: KNP
 REVIEWED BY: JBL
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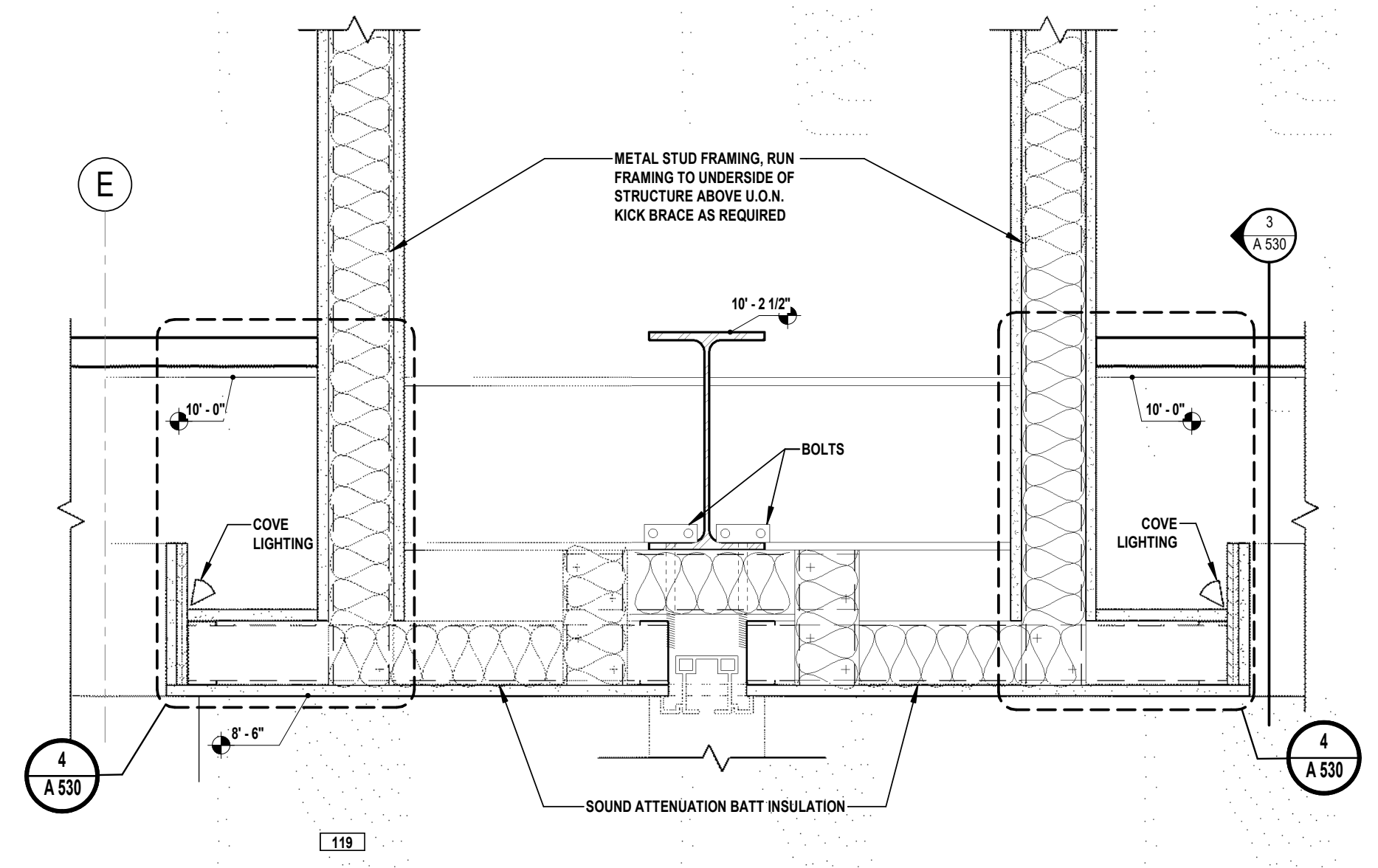


1 SAFETY PLACE
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 COUNTY OF MIDDLESEX
 NEW JERSEY

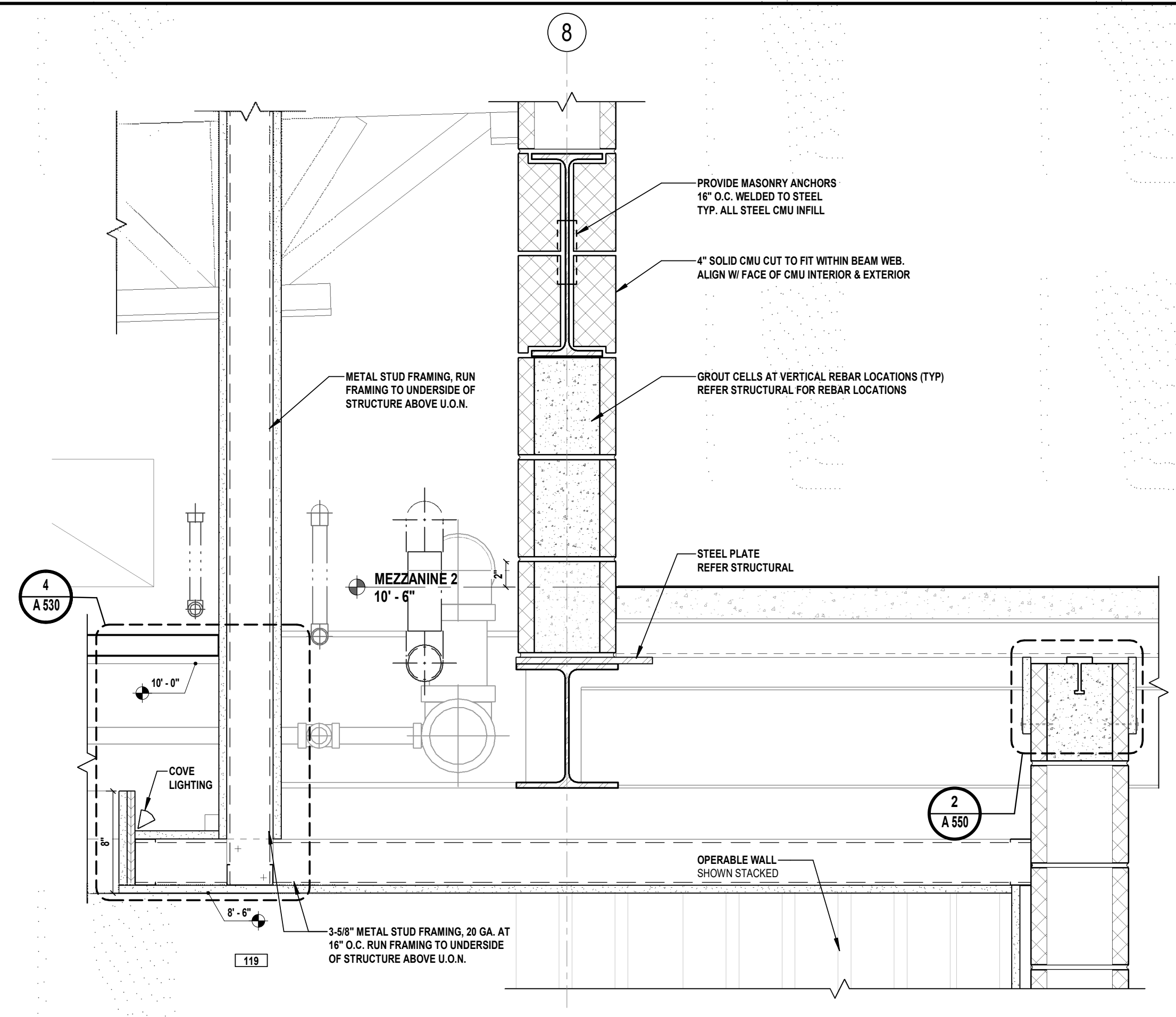
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SHEET TITLE
CEILING DETAILS

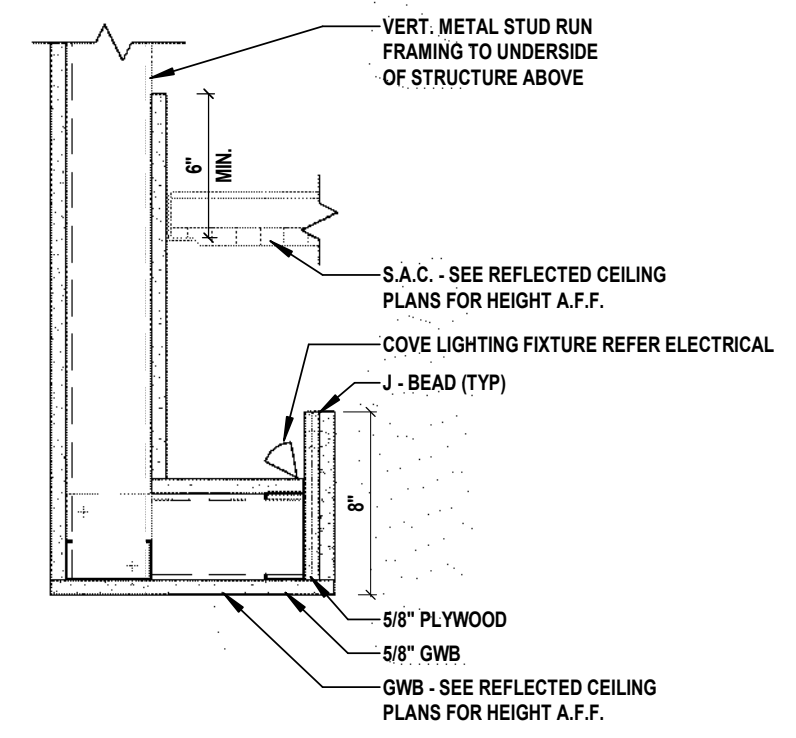
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A 530.00



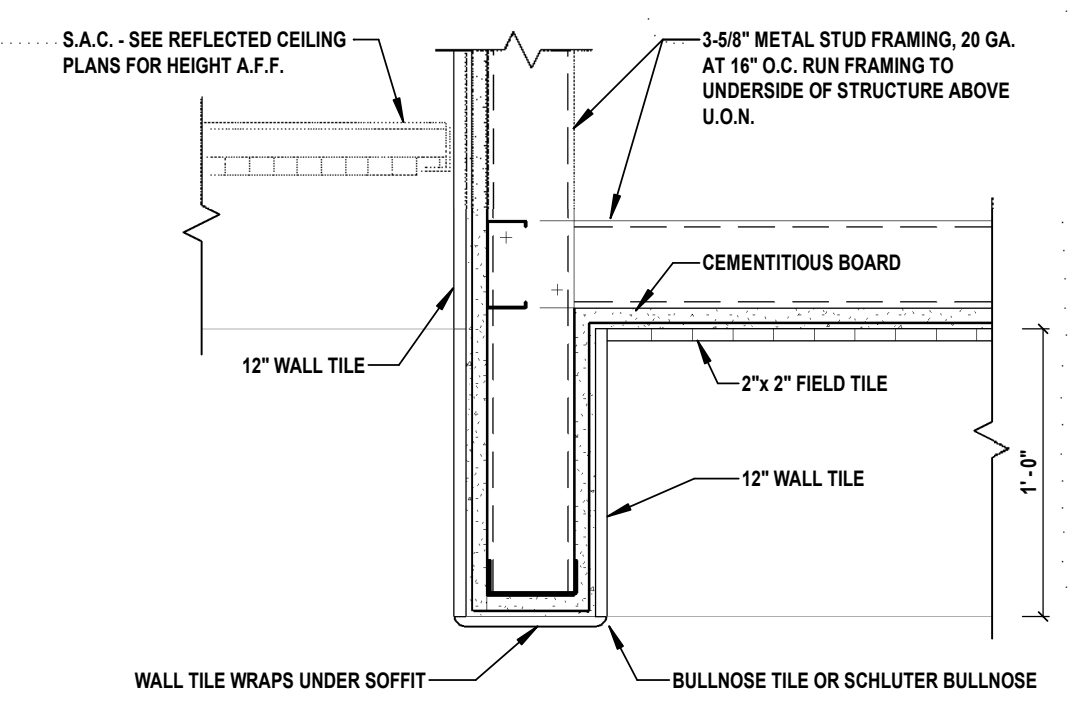
2 SOFFIT DETAIL - OPERABLE WALL TRACK & COVE LIGHTING
 A 530 SCALE: 1 1/2" = 1'-0"



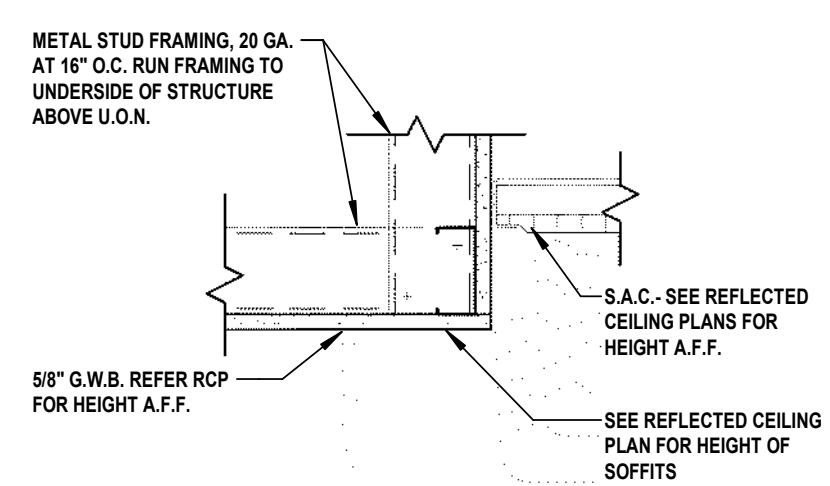
3 MEZZANINE TO LOWER ROOF CONNECTION
 A 530 SCALE: 1 1/2" = 1'-0"



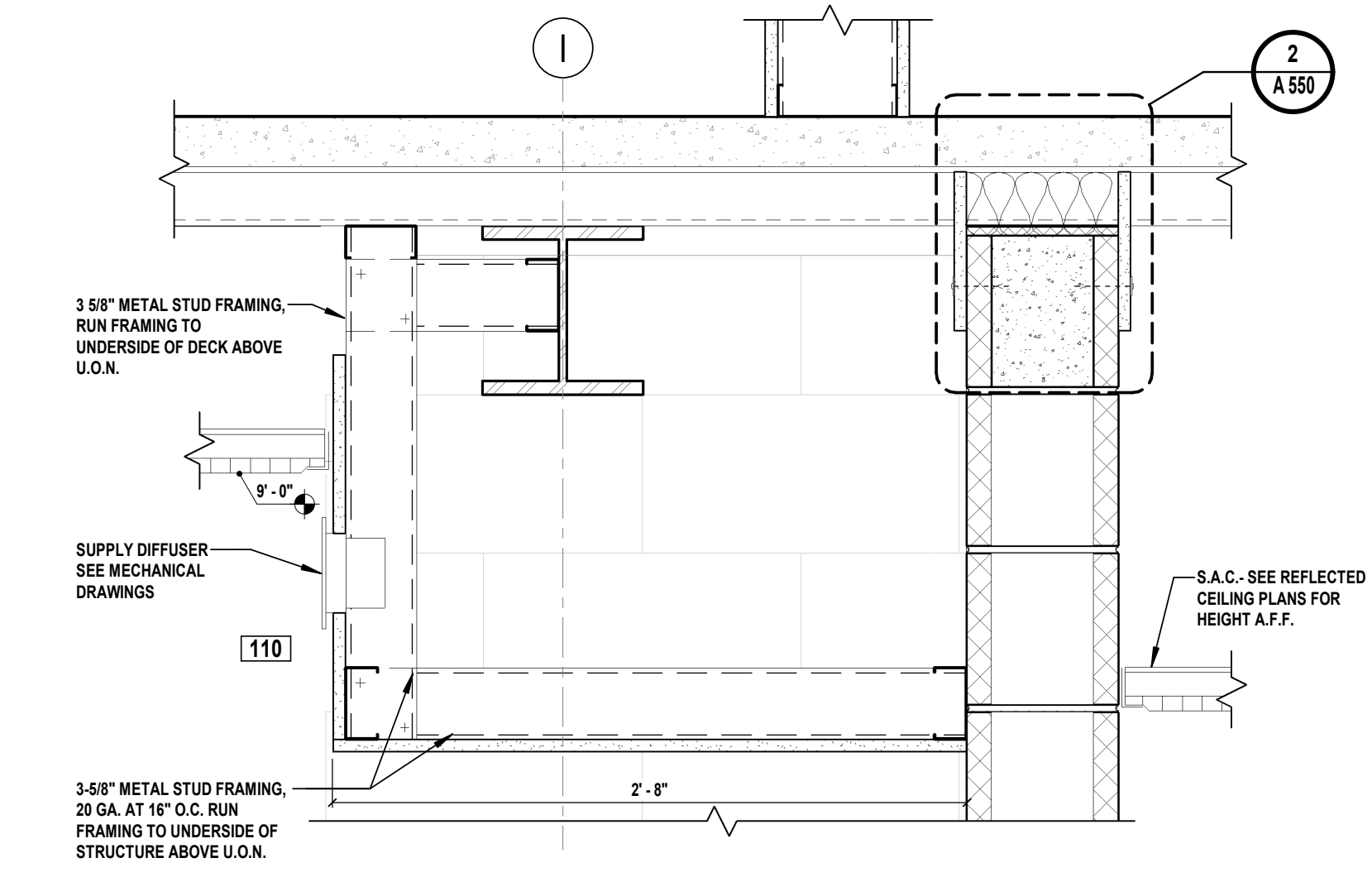
4 LIGHT COVE DETAIL (TYP.)
 A 530 SCALE: 1 1/2" = 1'-0"



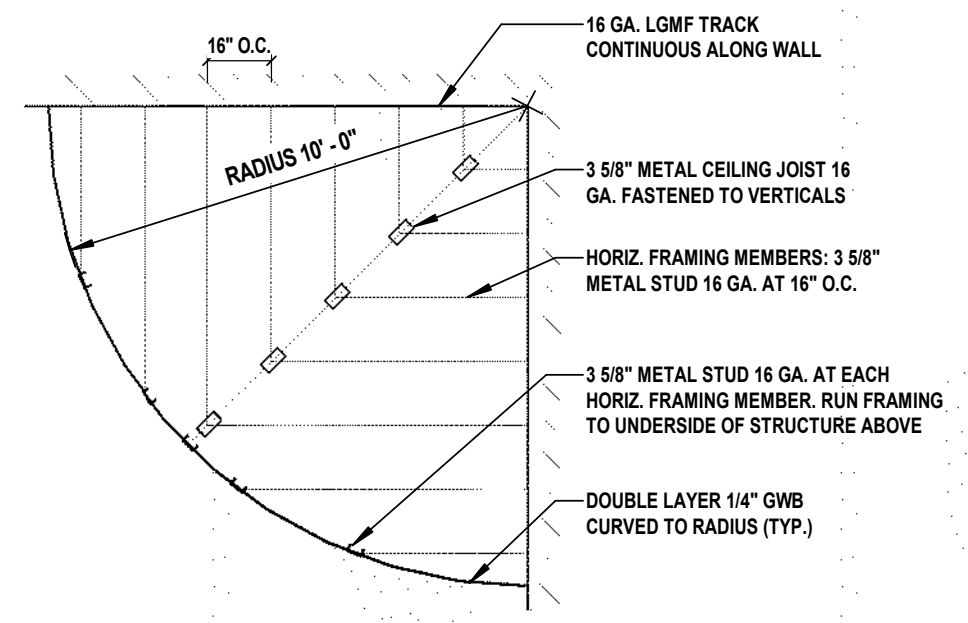
5 SOFFIT AT SHOWERS - TILED WALLS & SOFFIT
 A 530 SCALE: 1 1/2" = 1'-0"



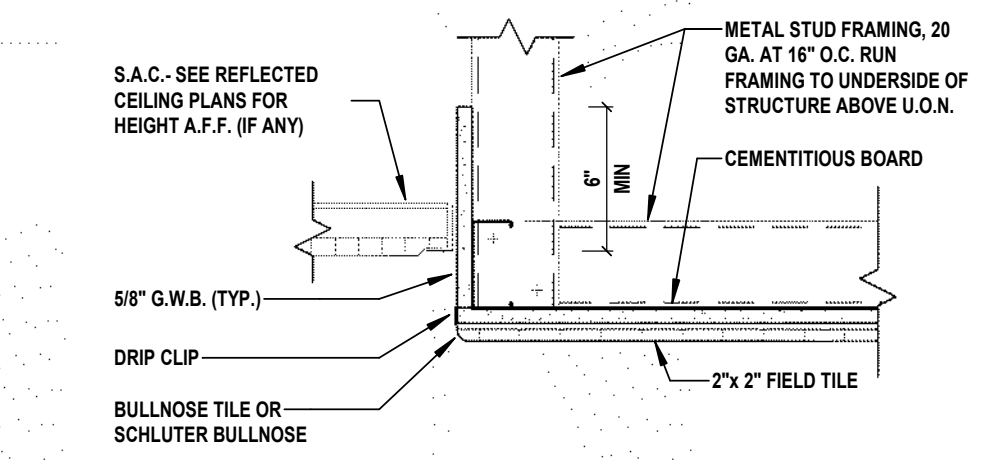
6 SOFFIT DETAIL - SAC & GWB (TYP.)
 A 530 SCALE: 1 1/2" = 1'-0"



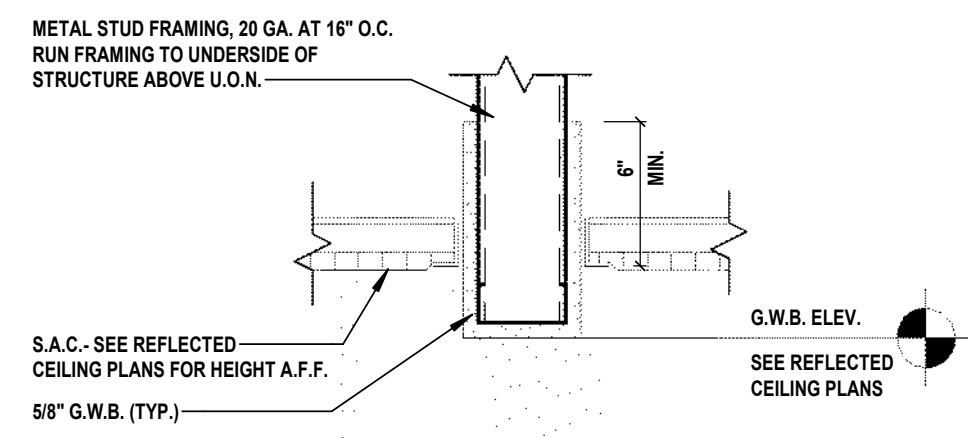
7 SOFFIT DETAIL AT RADIO ROOM
 A 530 SCALE: 1 1/2" = 1'-0"



8 SOFFIT RADIAL FRAMING PLAN (TYP.)
 A 530 SCALE: 1/4" = 1'-0"



9 SOFFIT AT SHOWERS - NO WALL TILE
 A 530 SCALE: 1 1/2" = 1'-0"



10 SOFFIT DETAIL - FLUSH SAC (TYP.)
 A 530 SCALE: 1 1/2" = 1'-0"

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DJP	SKM	KNP	JBL

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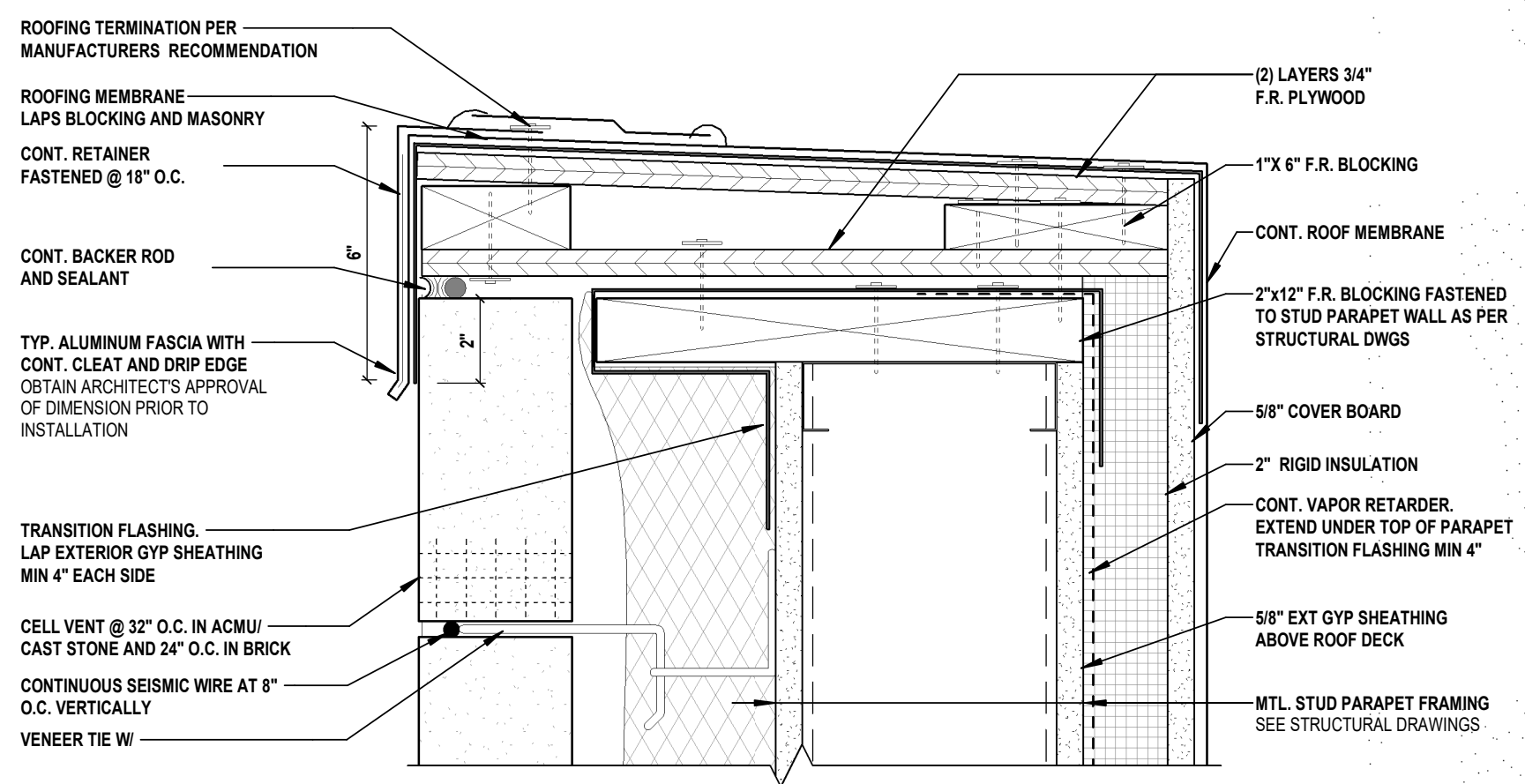


1 SAFETY PLACE
METUCHEN, NJ 08840
BOROUGH OF METUCHEN
COUNTY OF MIDDLESEX
NEW JERSEY

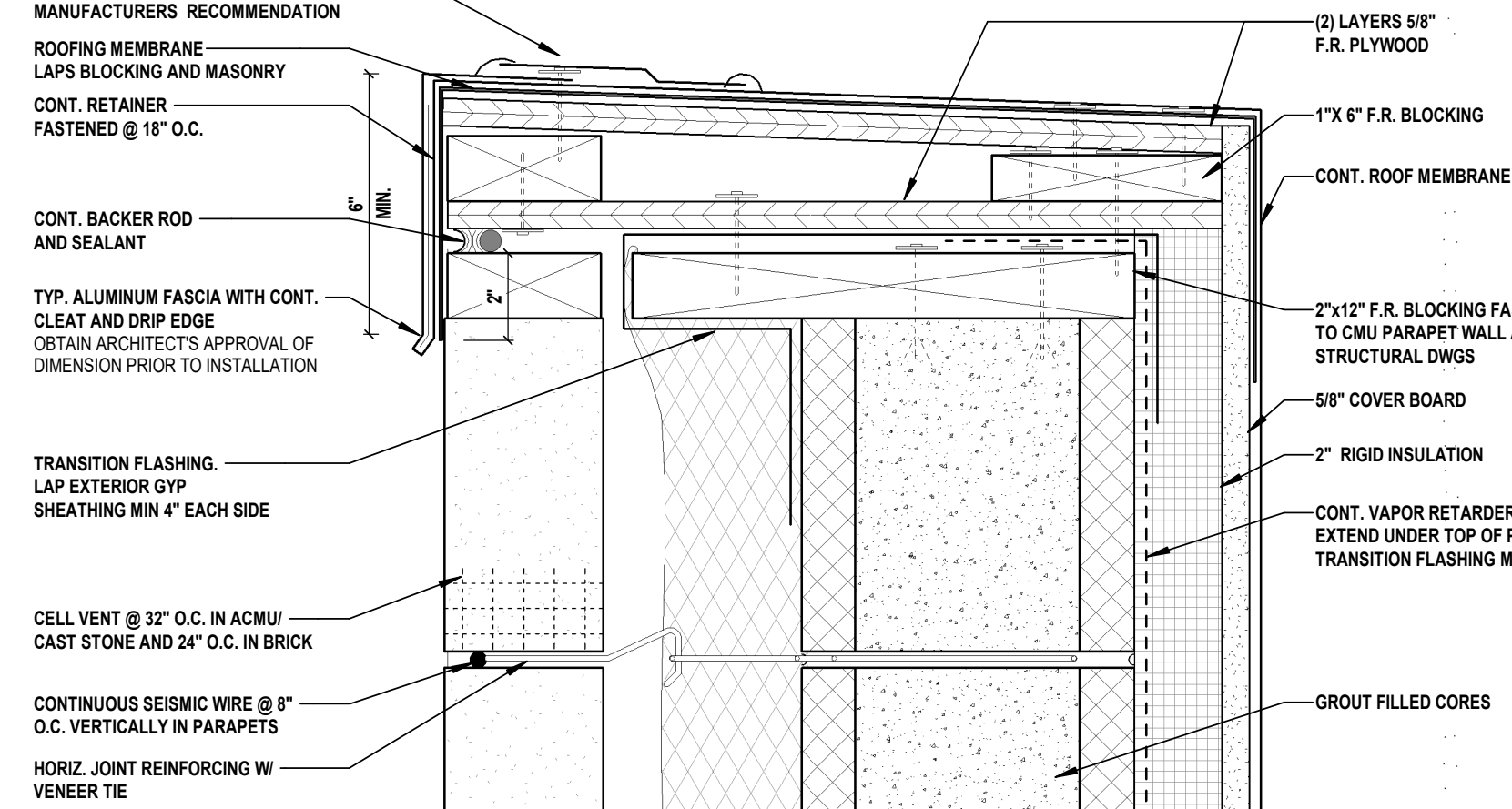
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SHEET TITLE ROOF DETAILS

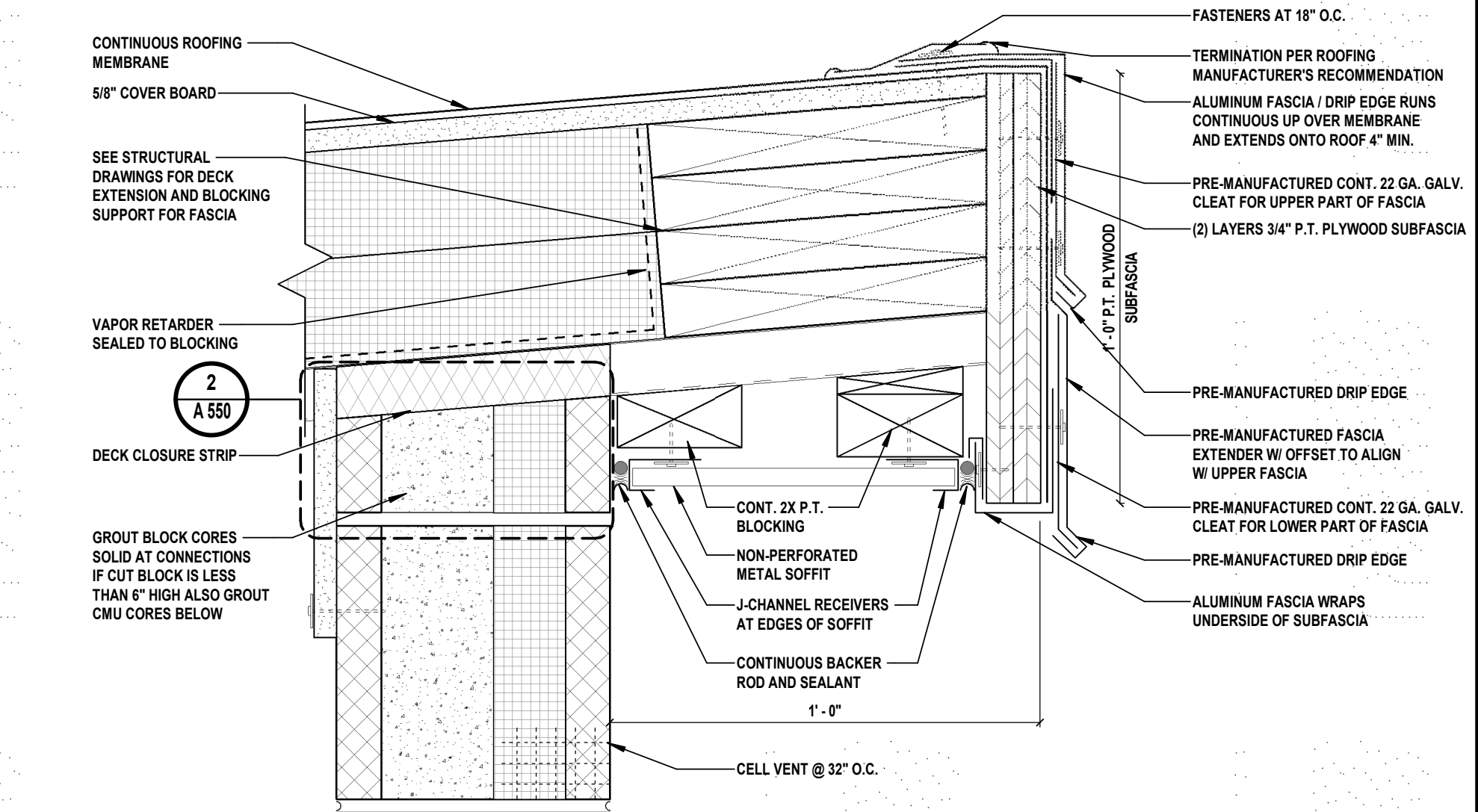
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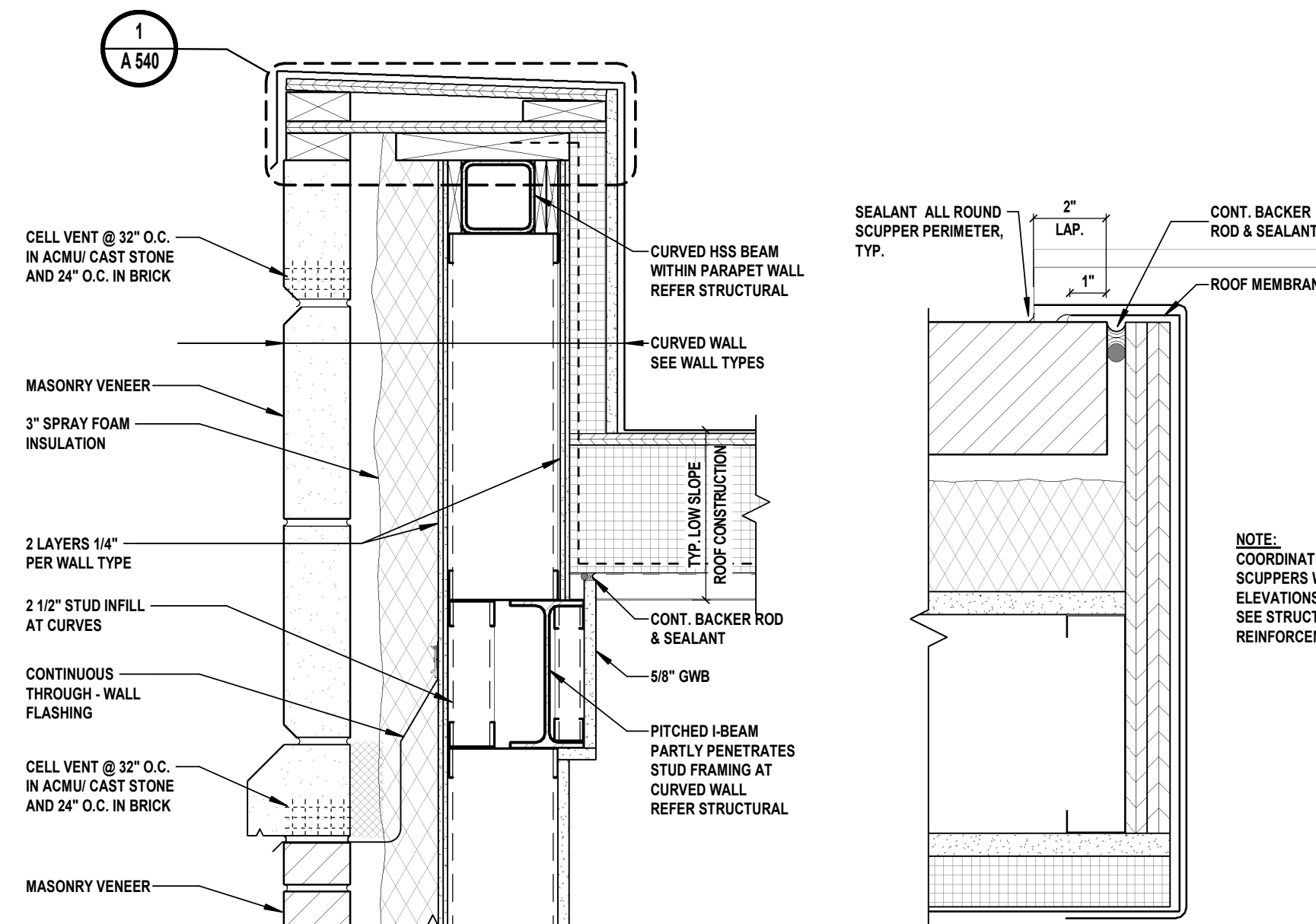
1 STUD PARAPET W/ VENEER - SECTION (TYP.)
SCALE: 3" = 1'-0"



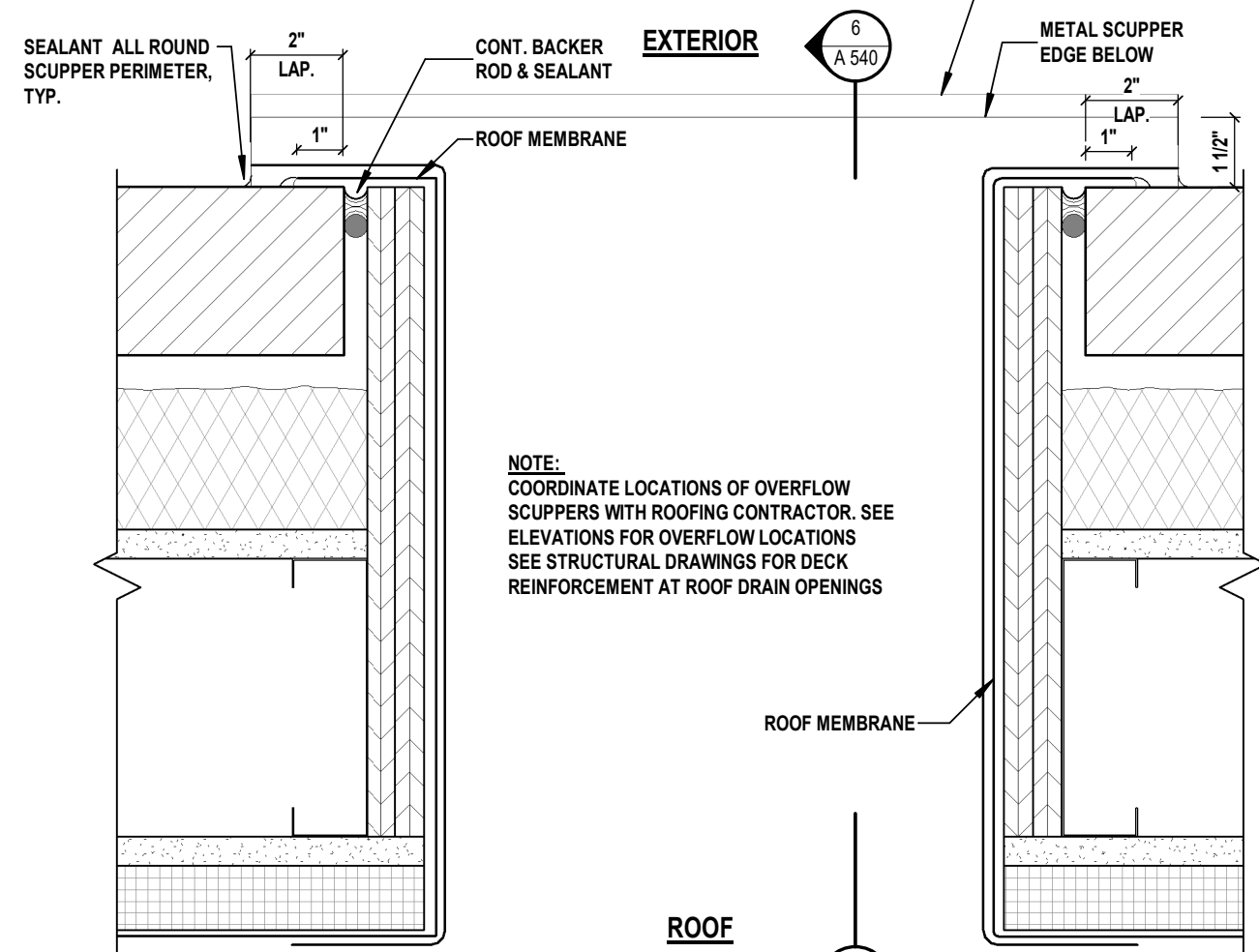
2 MASONRY PARAPET W/ VENEER - SECTION (TYP.)
SCALE: 3" = 1'-0"



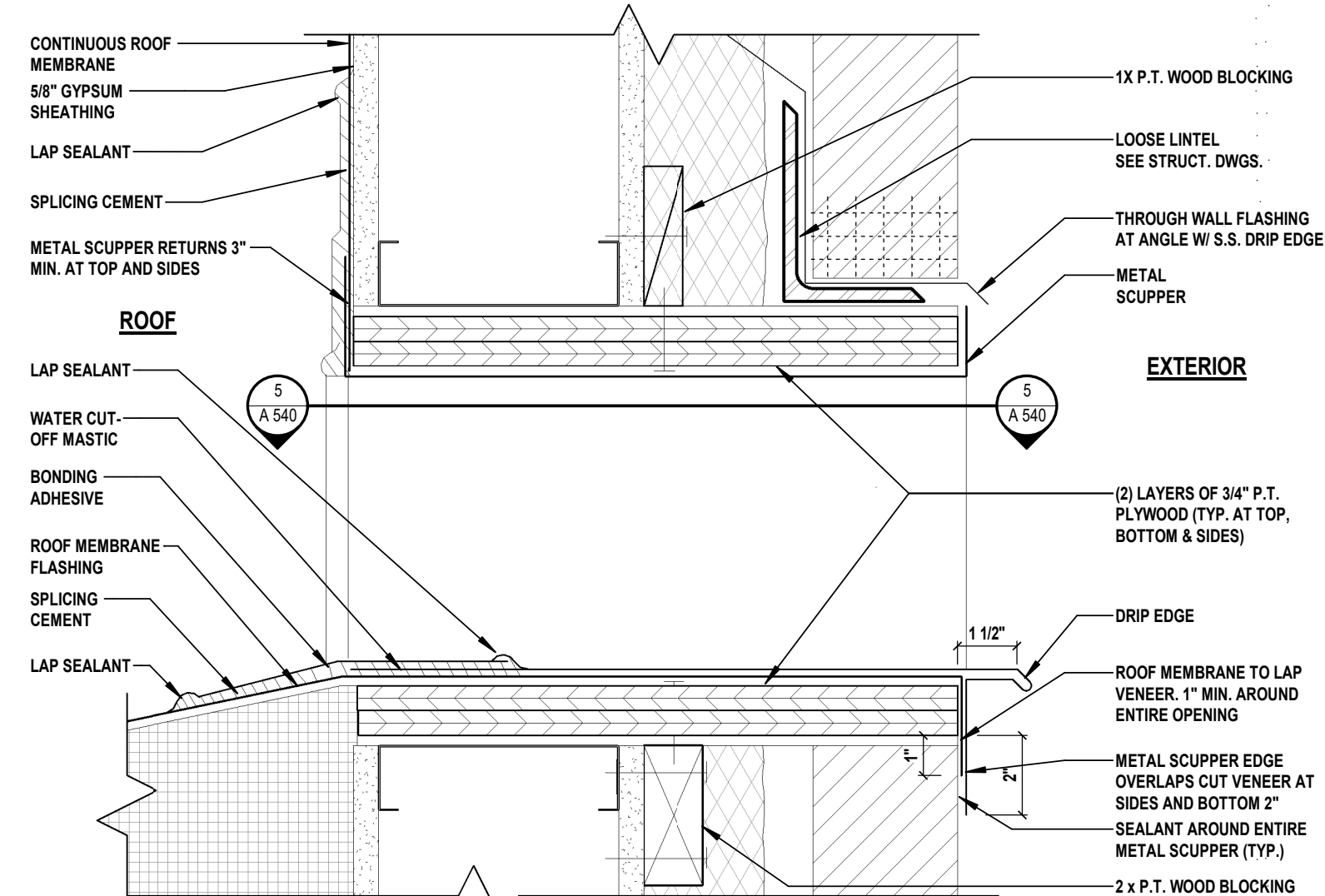
3 OUTBUILDING - ROOF EDGE DETAIL (TYP.)
SCALE: 3" = 1'-0"



4 ROOF INTERSECTION @ CURVED WALL
SCALE: 1 1/2" = 1'-0"



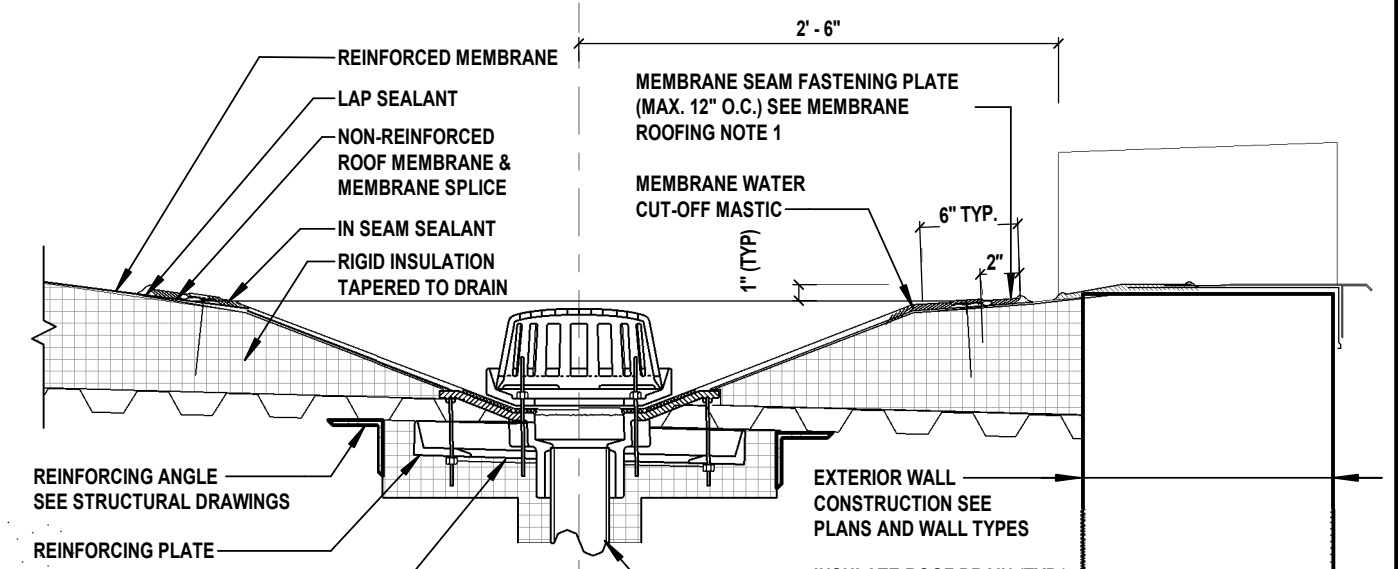
5 THROUGH WALL SCUPPER - PLAN (TYP.)
SCALE: 3" = 1'-0"



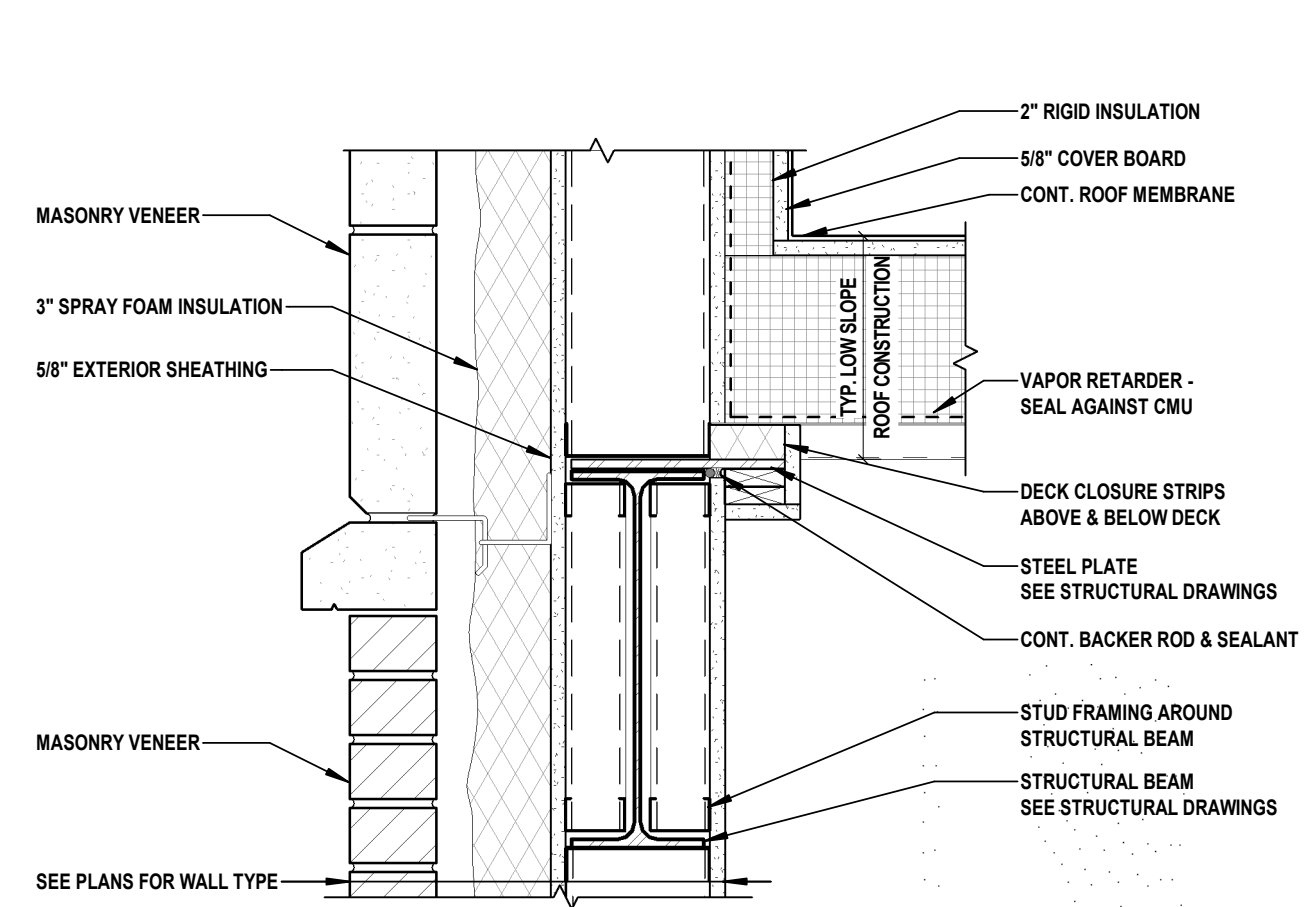
6 THROUGH WALL SCUPPER - SECTION (TYP.)
SCALE: 3" = 1'-0"

ROOFING MEMBRANE NOTES:

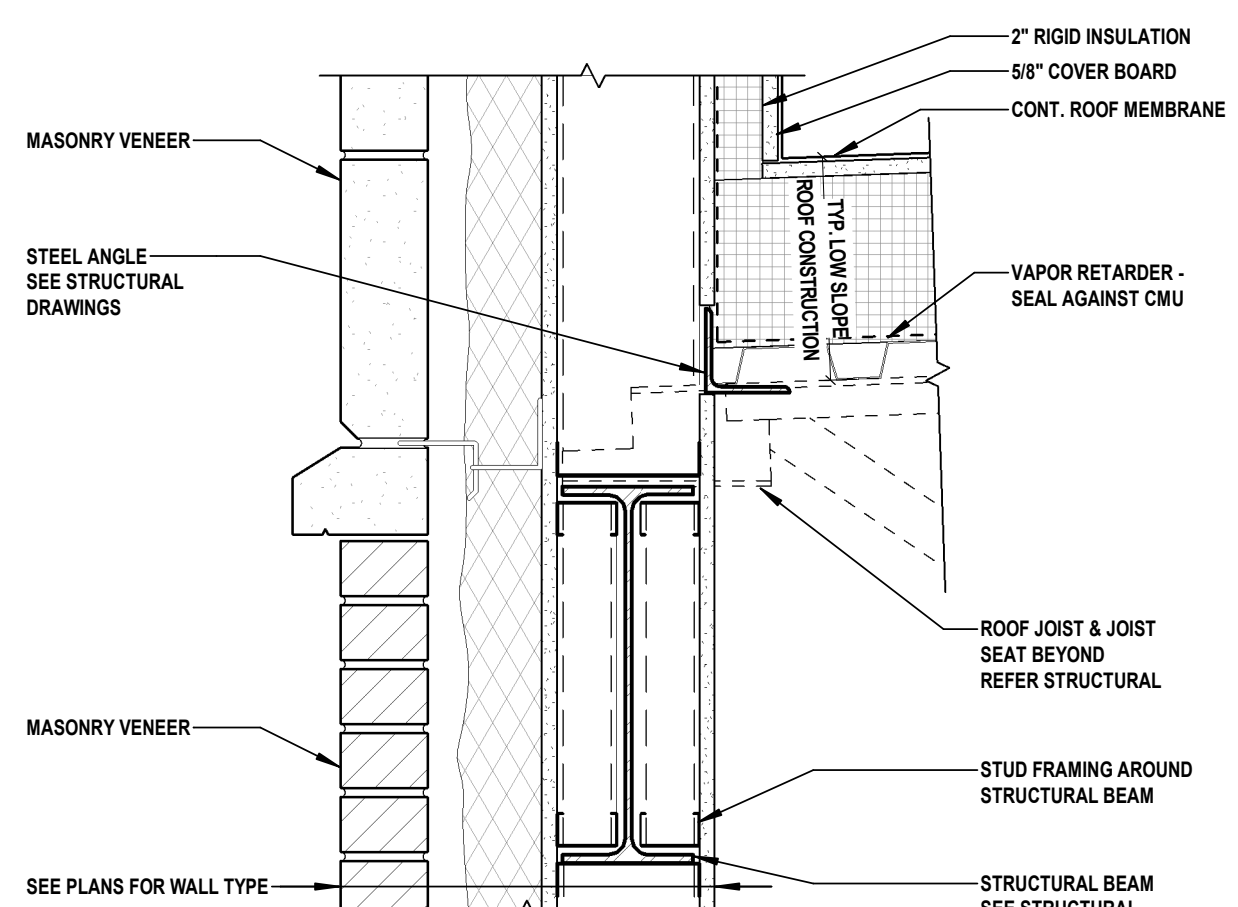
- ROOF MEMBRANE MUST BE FASTENED WITH SEAM FASTENING PLATES NO MORE THAN 12" ON CENTER WHEN THE TAPERED INSULATION AT THE DRAIN SUMP IS GREATER THAN 3" TO THE HORIZONTAL FOOT. CUT MEMBRANE EVEN WITH TOP EDGE OF THE DRAIN SUMP.
- USE NON-REINFORCED ROOF MEMBRANE AS A SURFACE SPLICE AND EXTEND INTO DRAIN CLAMPING RING.
- WHEN A SQUARE OF RECTANGULAR SECTION OF NON-REINFORCED ROOF MEMBRANE IS USED AS A SURFACE SPLICE ROUND THE CORNERS OF THE NON-REINFORCED MEMBRANE FOR PROPER SPLICE.
- LOCATE EDGE OF SURFACE SPLICE OUT OF THE DRAIN SUMP AT LEAST 6" IN ALL DIRECTIONS ONTO THE HORIZONTAL MEMBRANE
- LOCATE EDGE OF SURFACE SPLICE OUT OF THE DRAIN SUMP AT LEAST 6" IN ALL DIRECTIONS ONTO THE HORIZONTAL MEMBRANE
- INSULATION TAPER SHALL NOT BE STEEPER THAN 6" (VERTICAL) ON 12" (HORIZONTAL).
- INSULATION TO BE TAPERED UP TO PREVENT ROOF WATER FROM RUNNING PAST DRAIN.
- WATER CUT-OFF MASTIC MUST BE IN CONSTANT COMPRESSION.



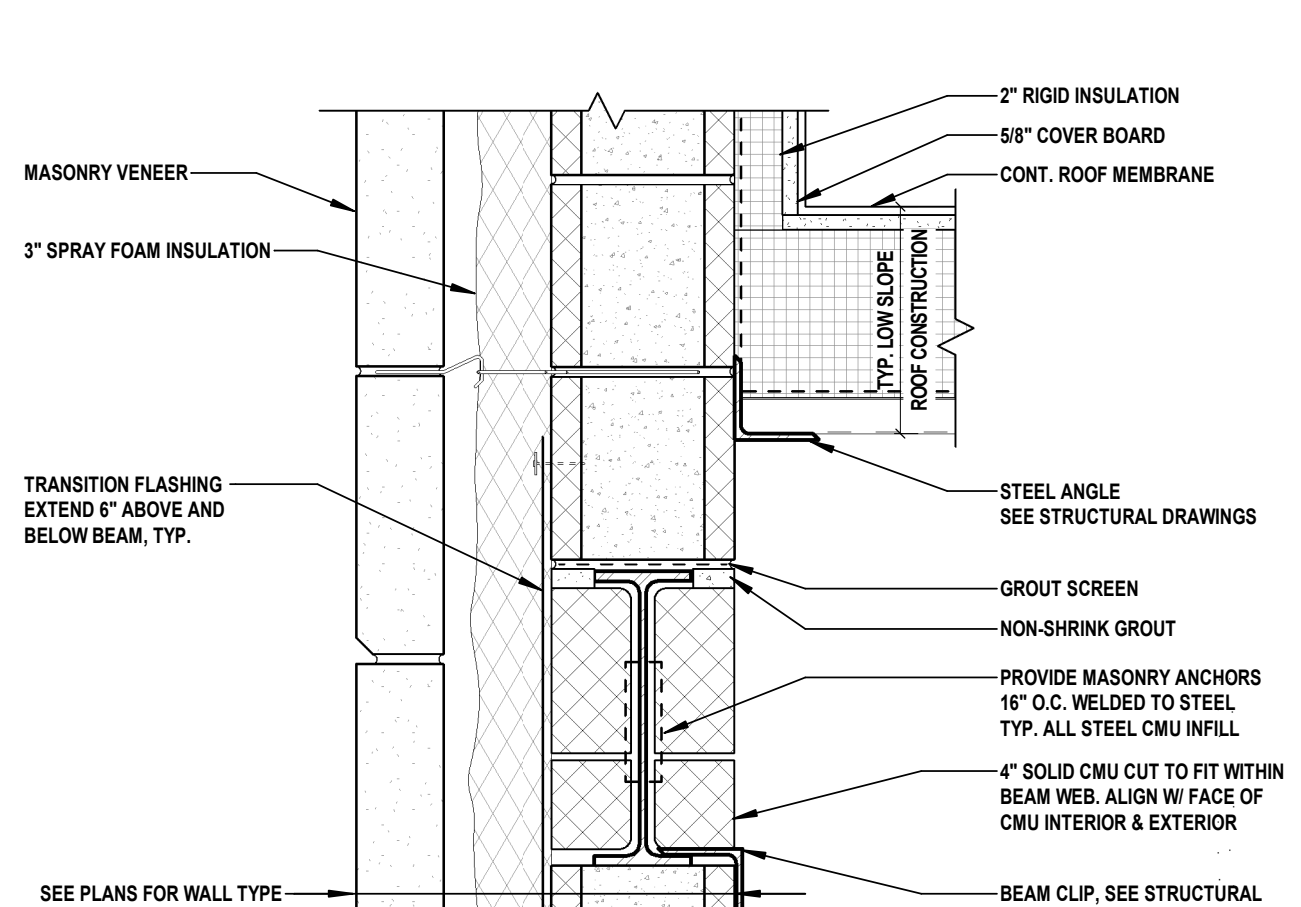
7 ROOF DRAIN - SECTION (TYP.)
SCALE: 1" = 1'-0"



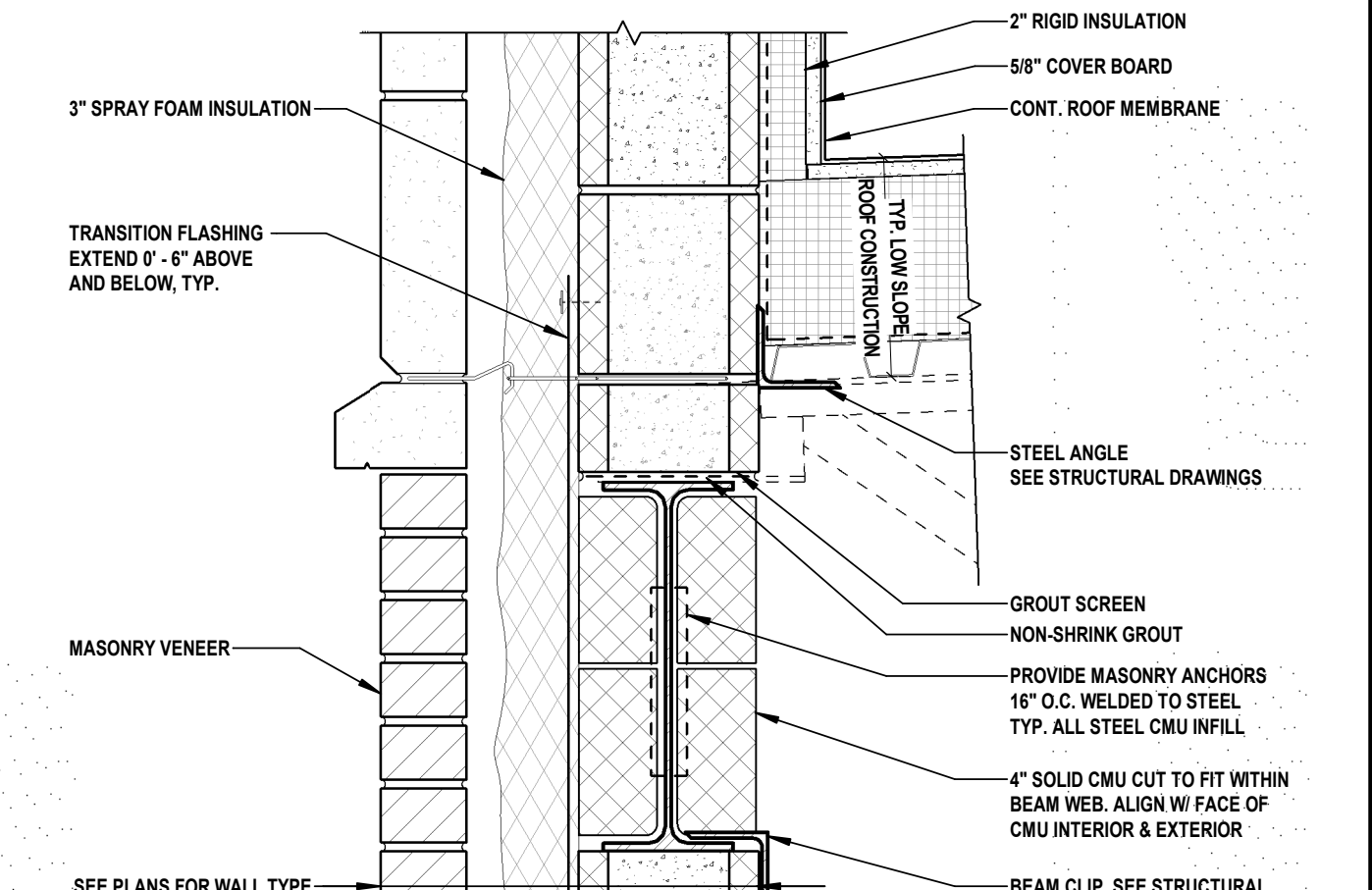
8 ROOF INTERSECTION - PERIMETER ANGLE AT STUD (TYP.)
SCALE: 1 1/2" = 1'-0"



9 ROOF INTERSECTION - JOIST END AT STUD (TYP.)
SCALE: 1 1/2" = 1'-0"



10 ROOF INTERSECTION - PERIMETER ANGLE AT CMU (TYP.)
SCALE: 1 1/2" = 1'-0"



11 ROOF INTERSECTION - JOIST END AT CMU (TYP.)
SCALE: 1 1/2" = 1'-0"


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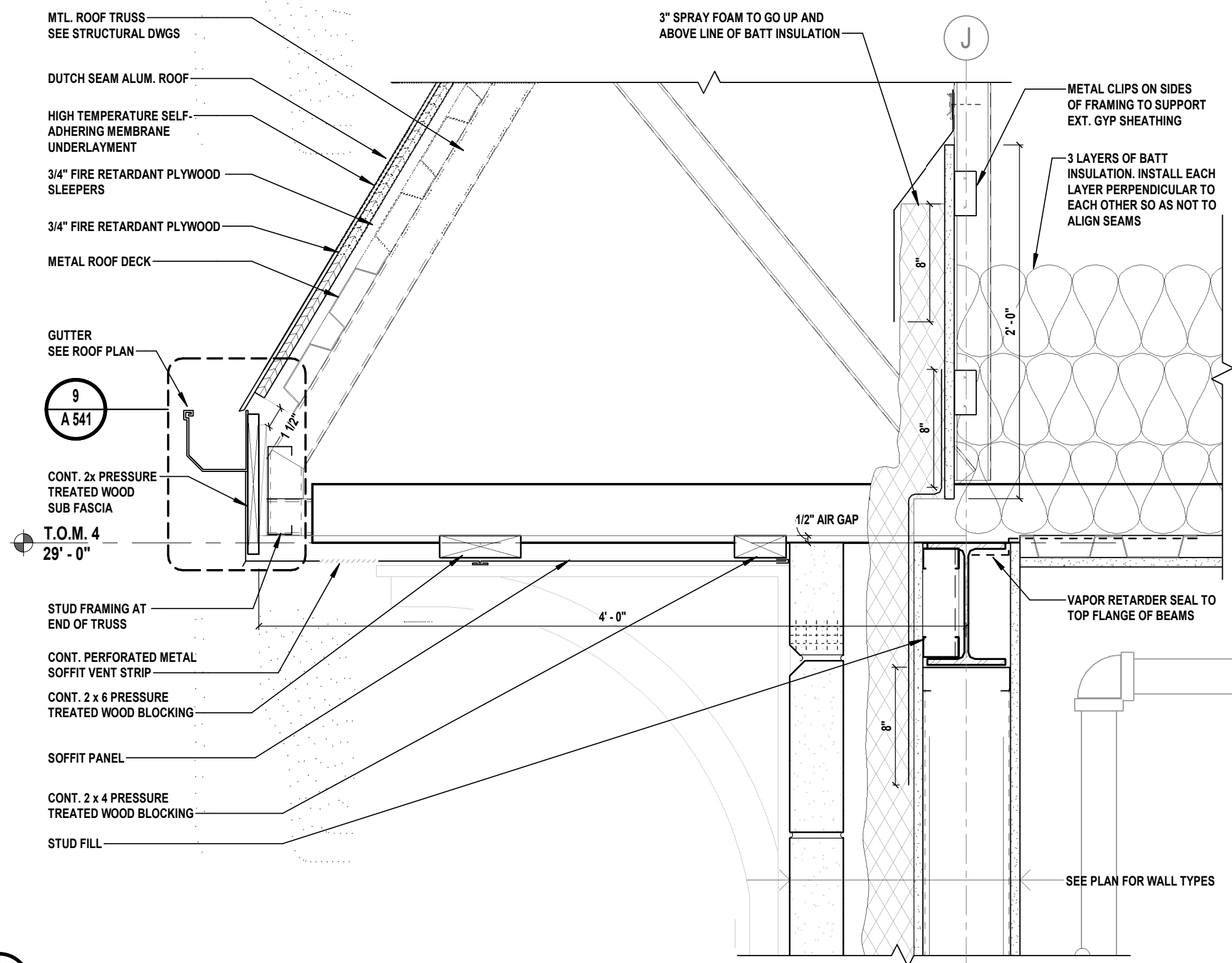
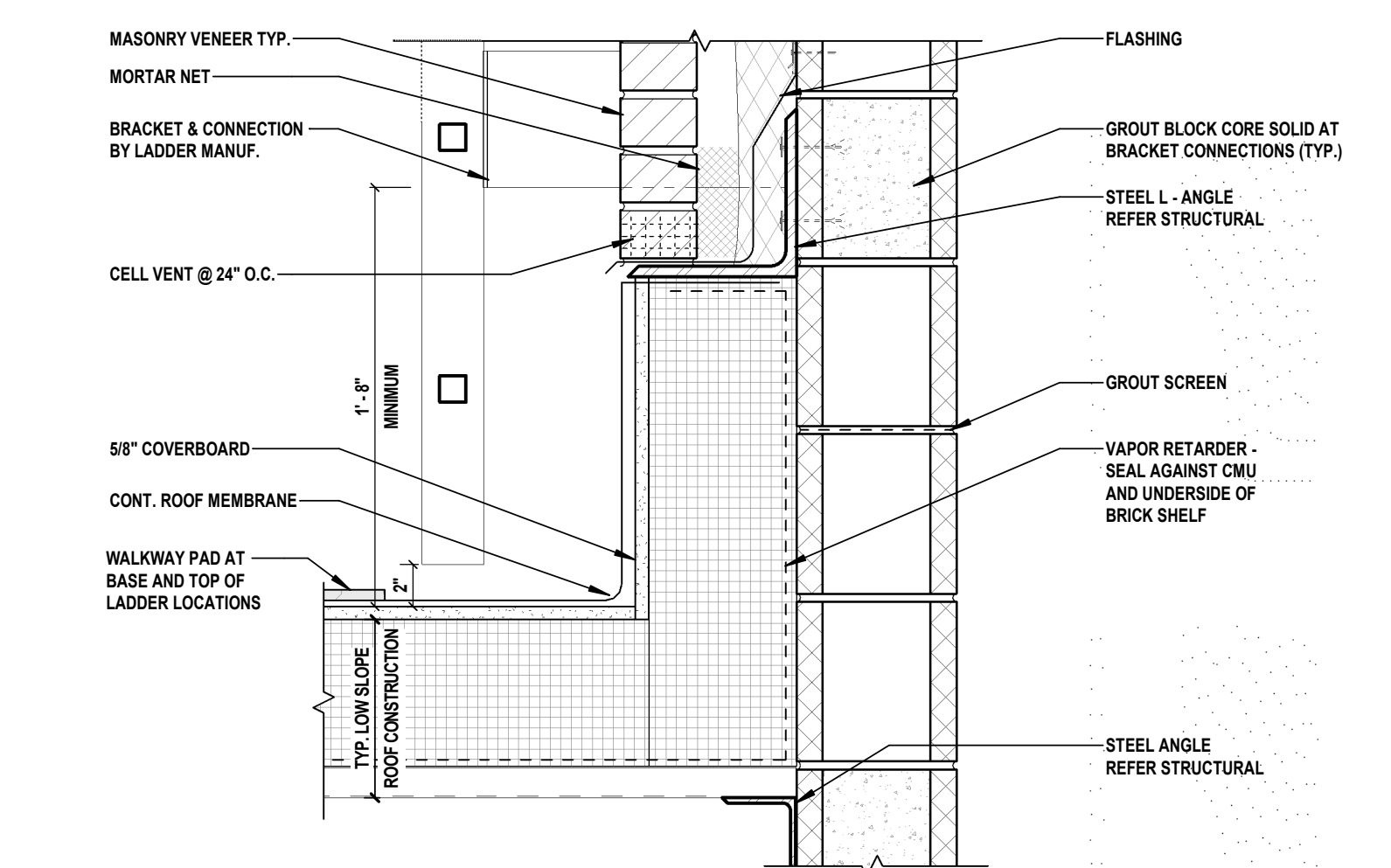
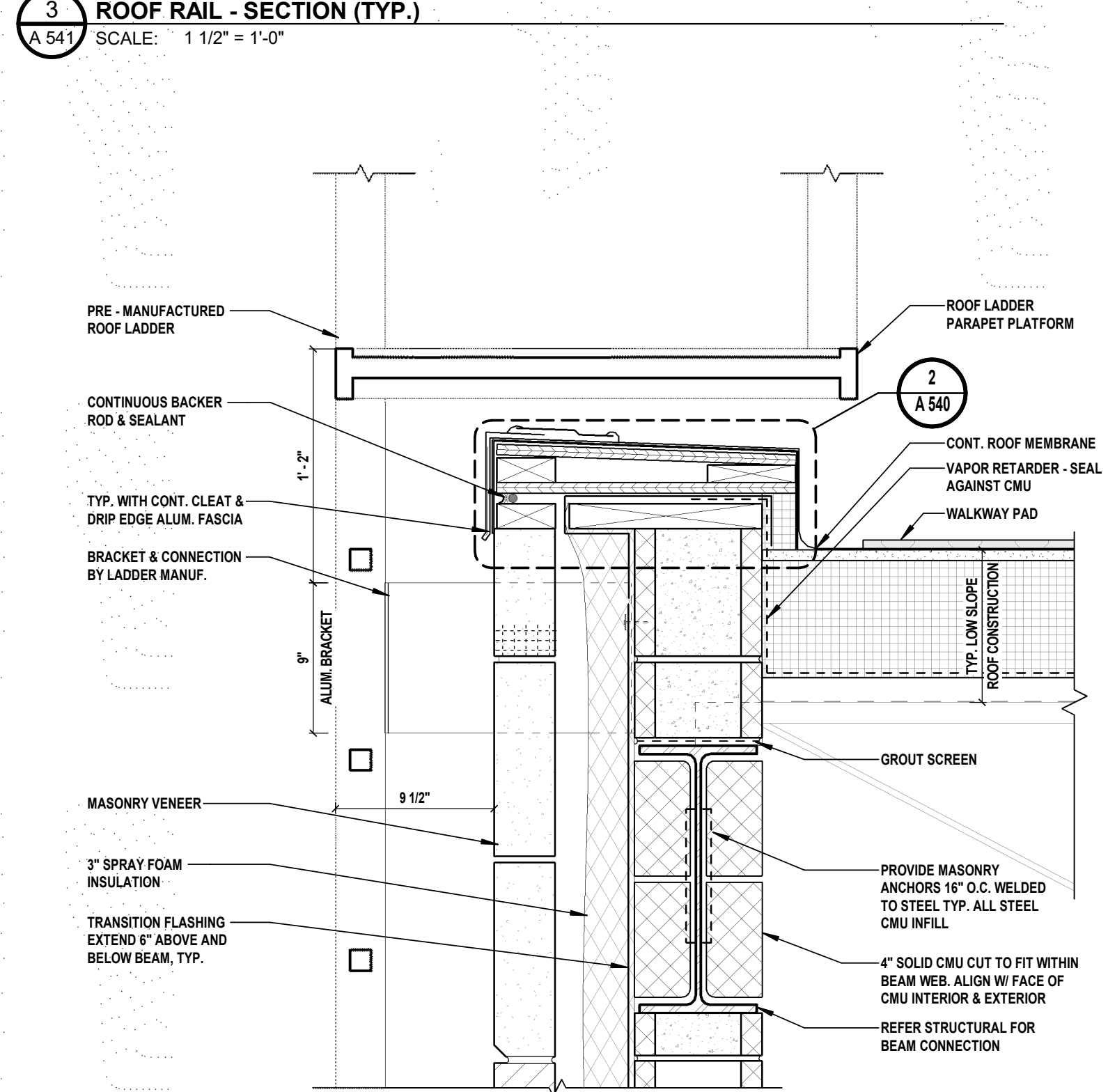
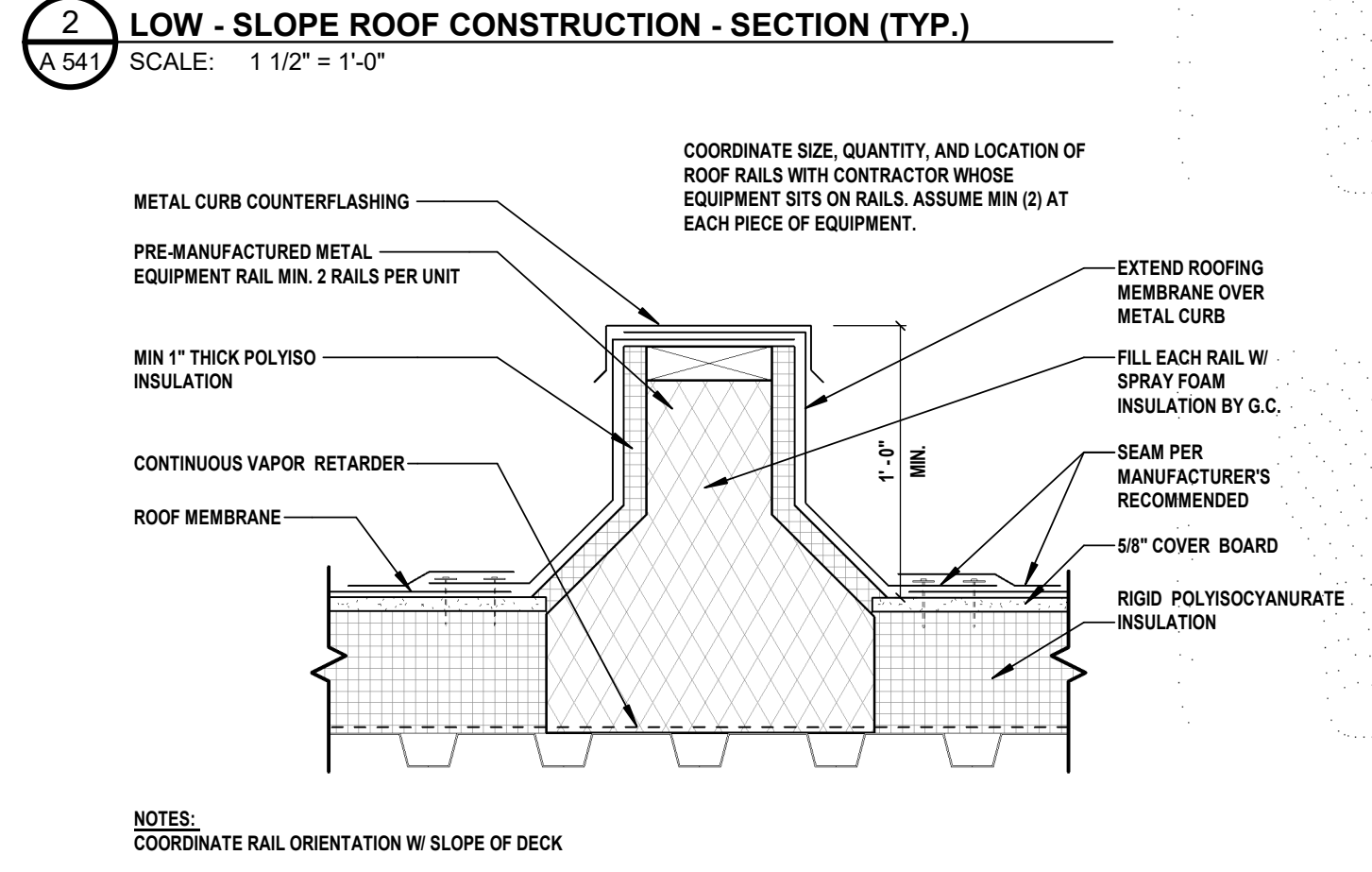
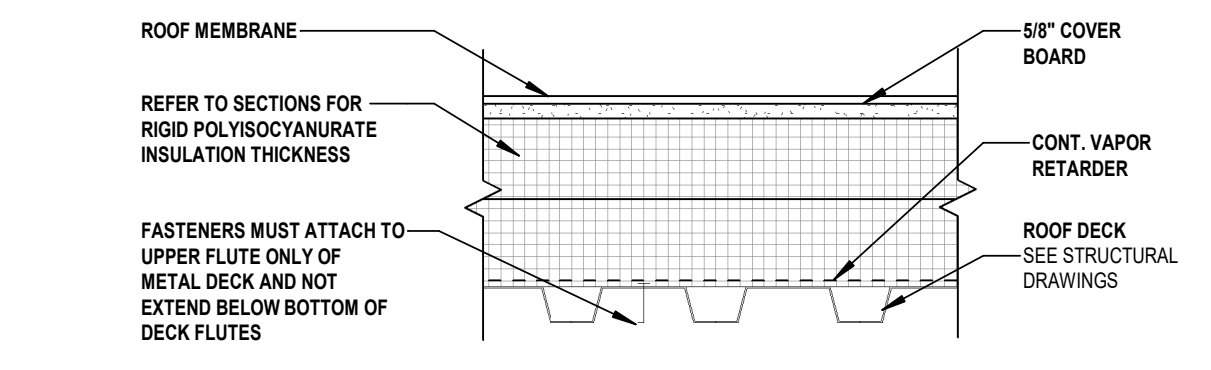
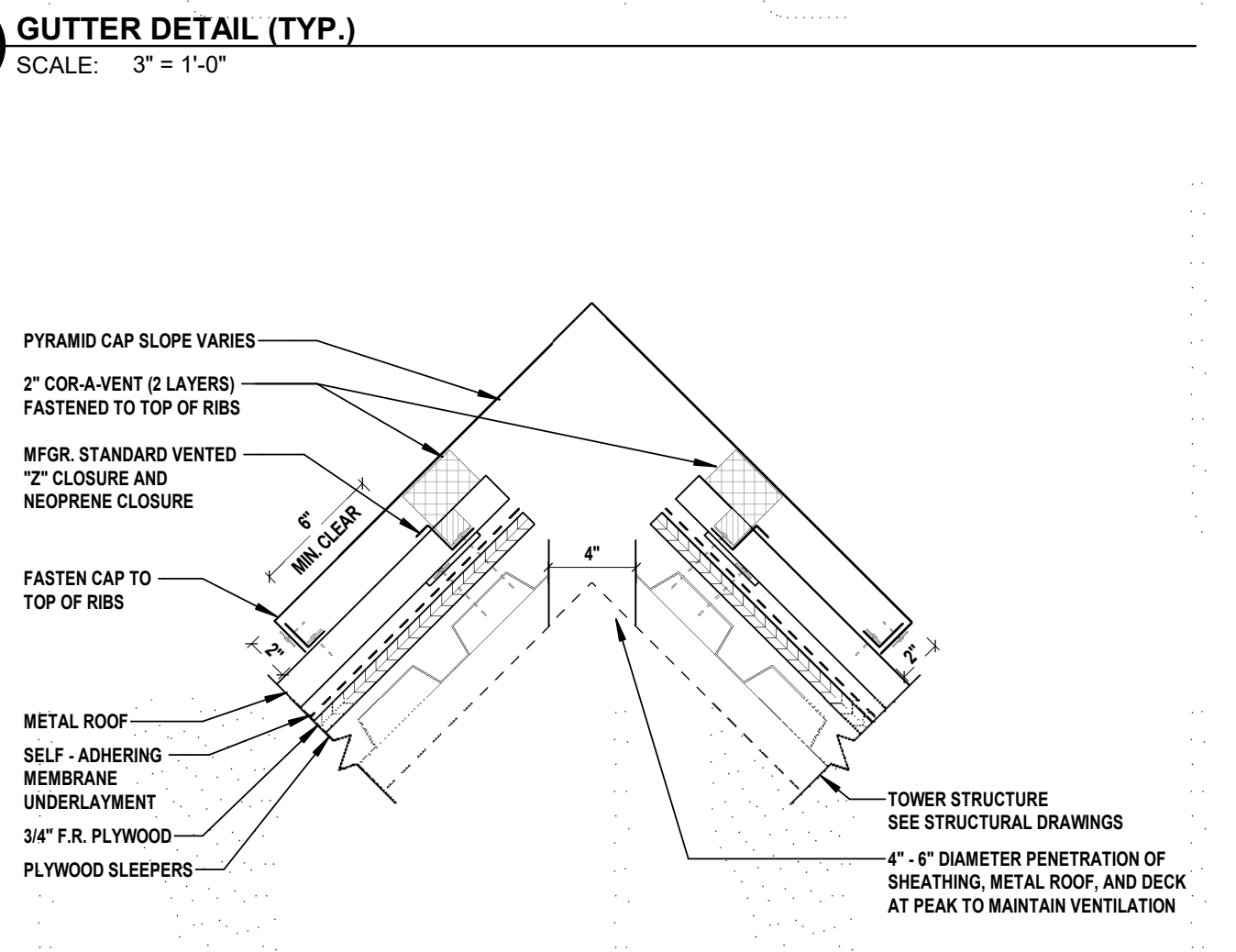
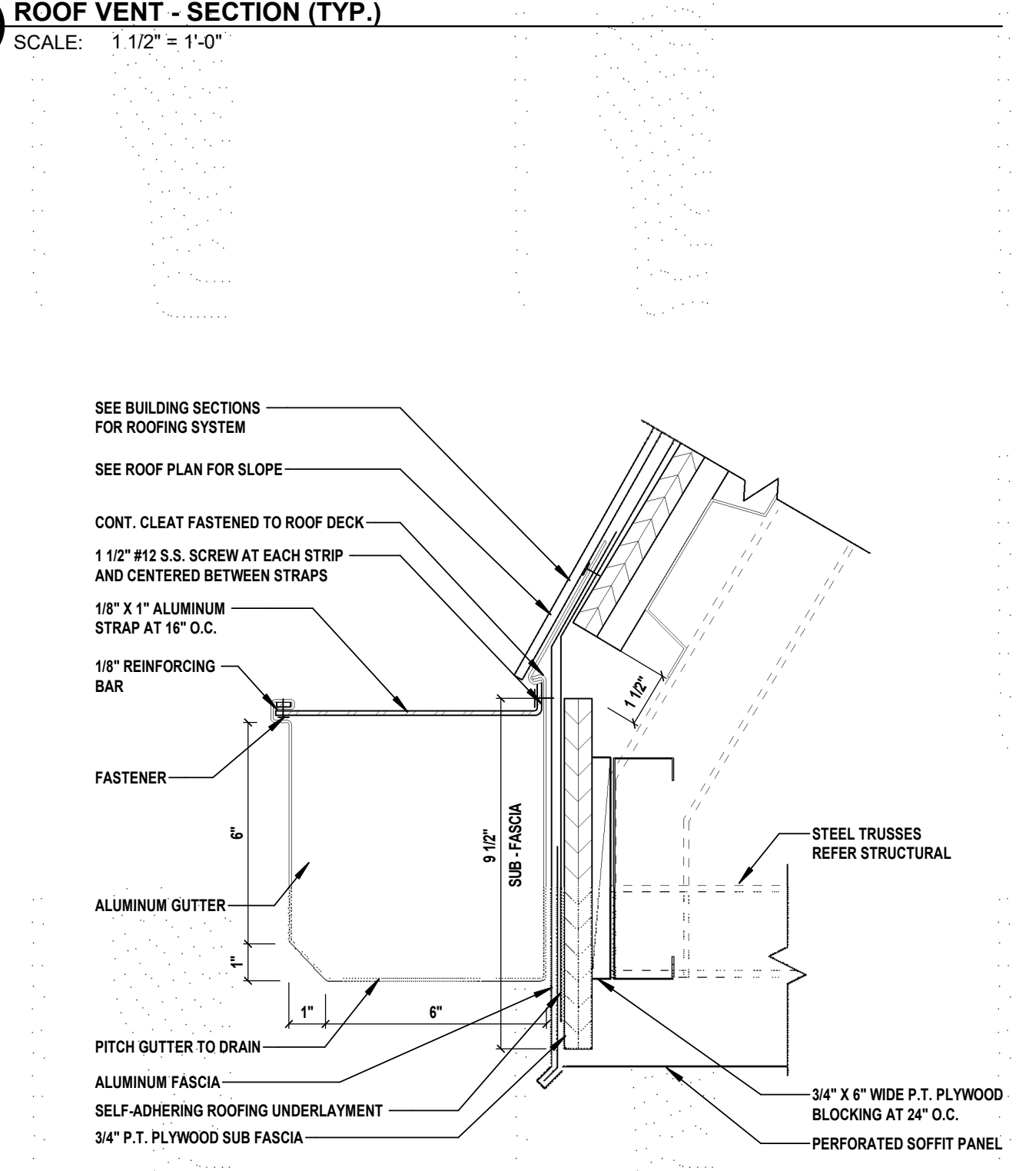
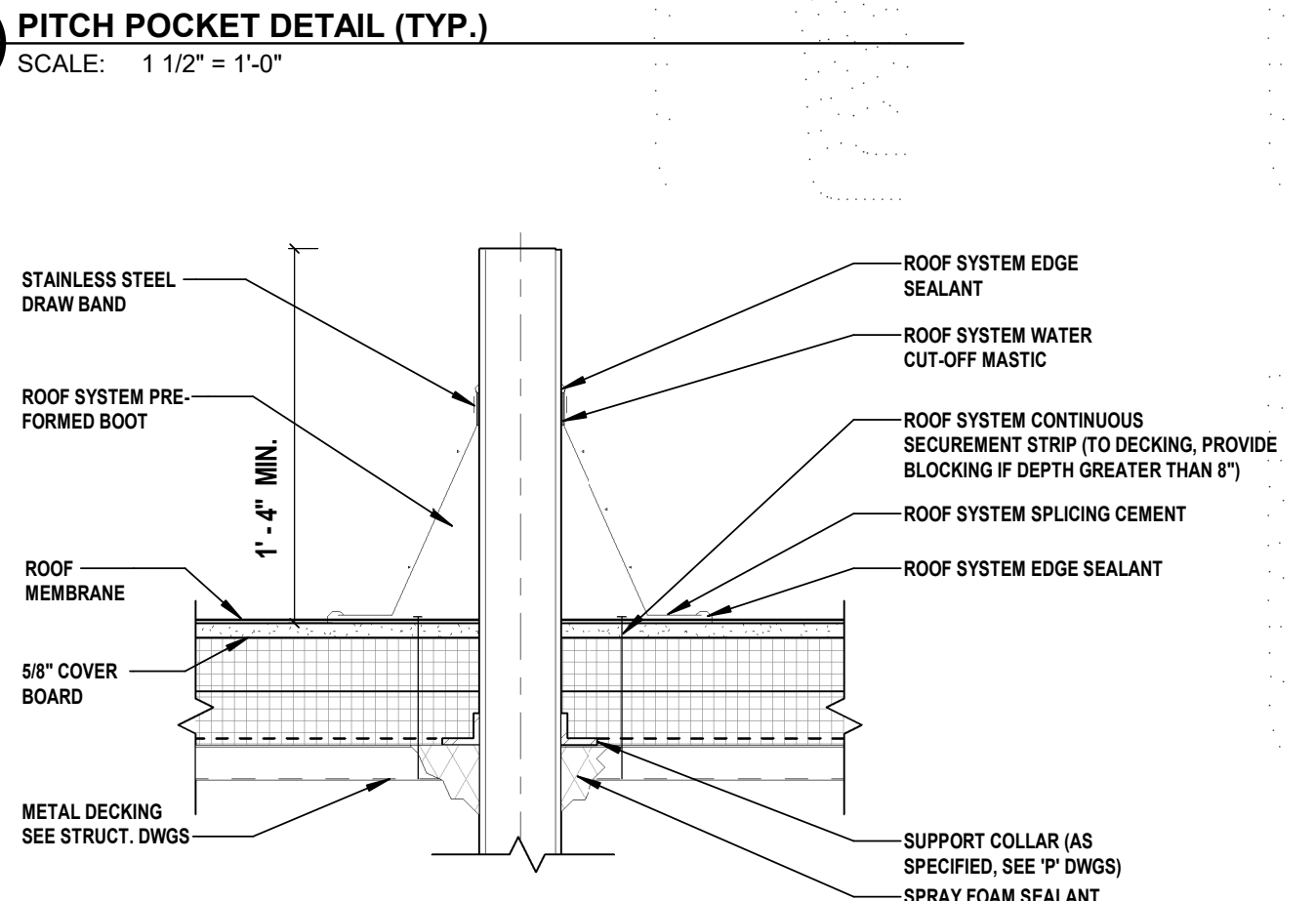
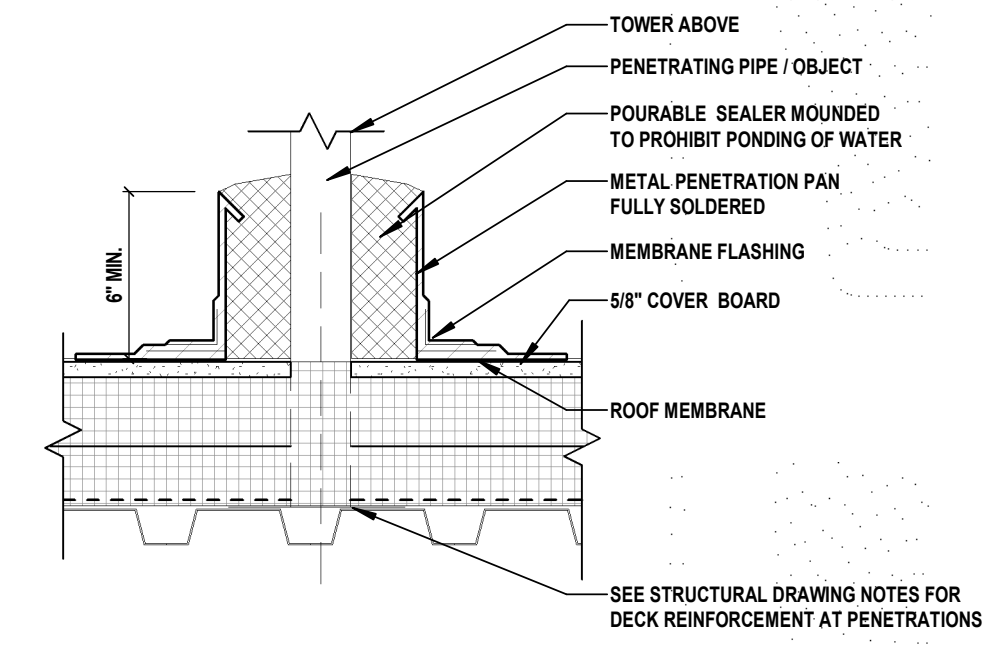


1 SAFETY PLACE
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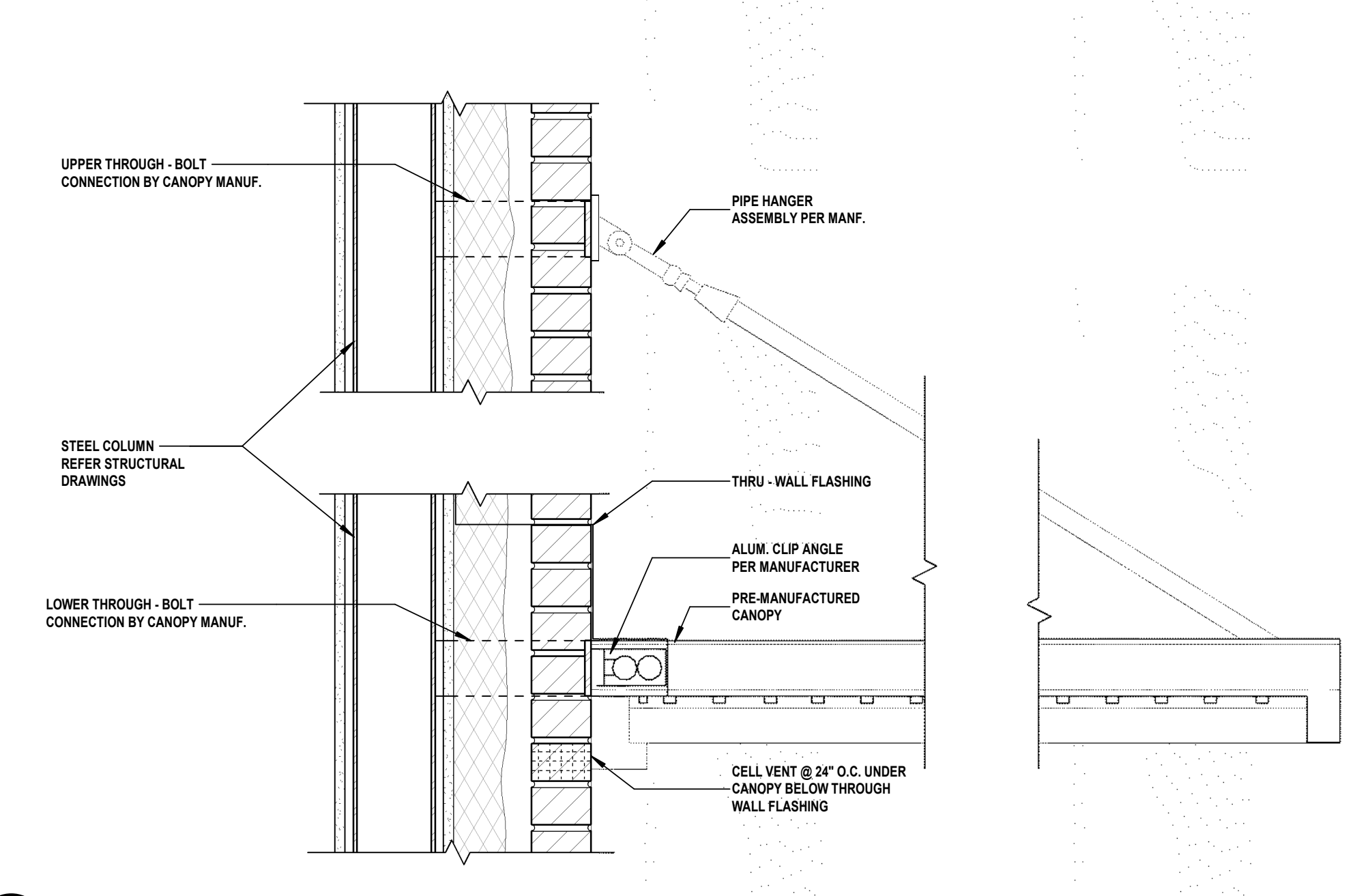
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SHEET TITLE: **ROOF DETAILS**

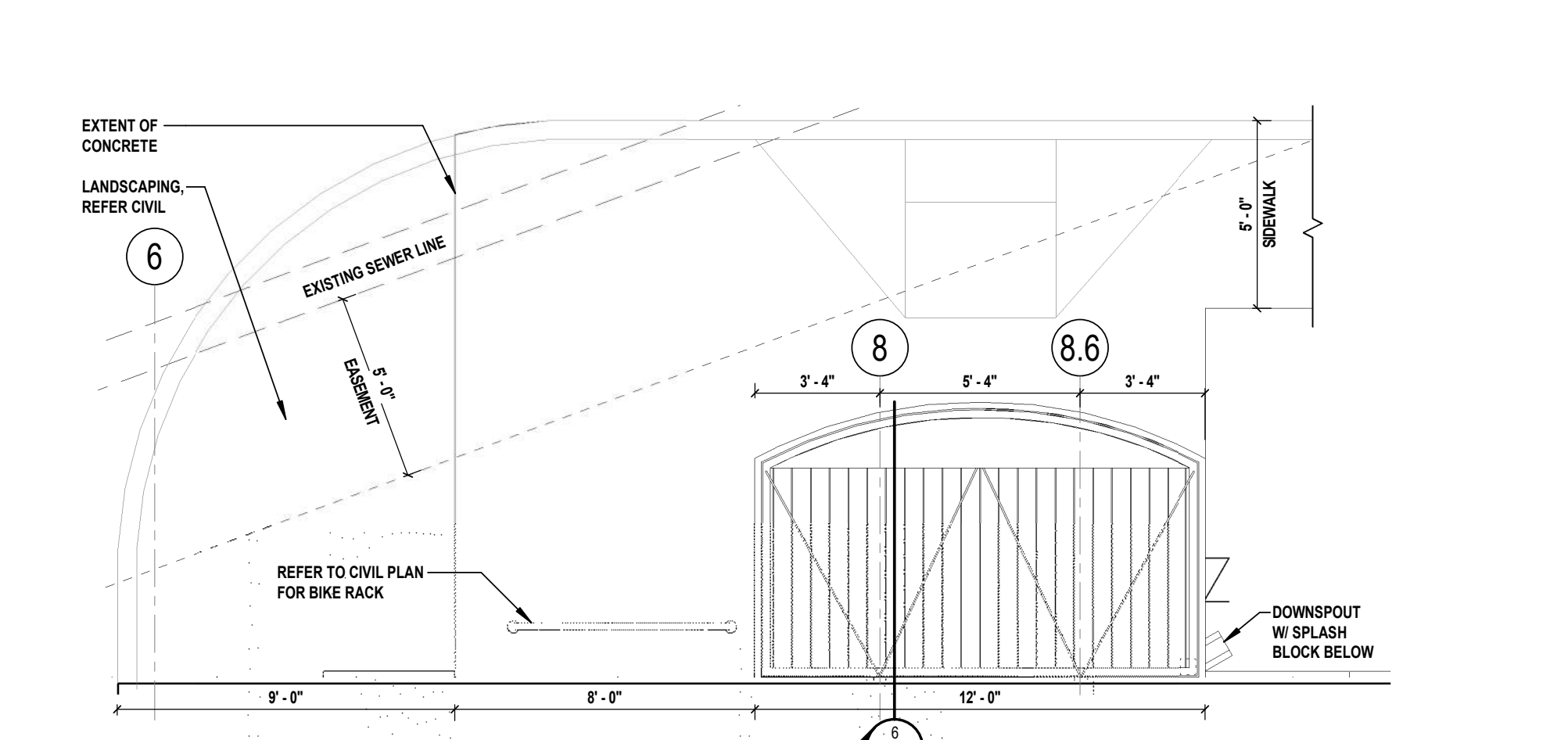
DRAWING No.: **A 541.00**



1 TOWER EAVE
 SCALE: 1 1/2" = 1'-0"



6 CANOPY DETAIL @ COLUMN - SECTION
 SCALE: 1 1/2" = 1'-0"



7 CANOPY - PLAN
 SCALE: 1/4" = 1'-0"

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PROJECT No. BOMEZ201 DATE: MAR 12, 2024 SCALE: AS SHOWN

CLIENT

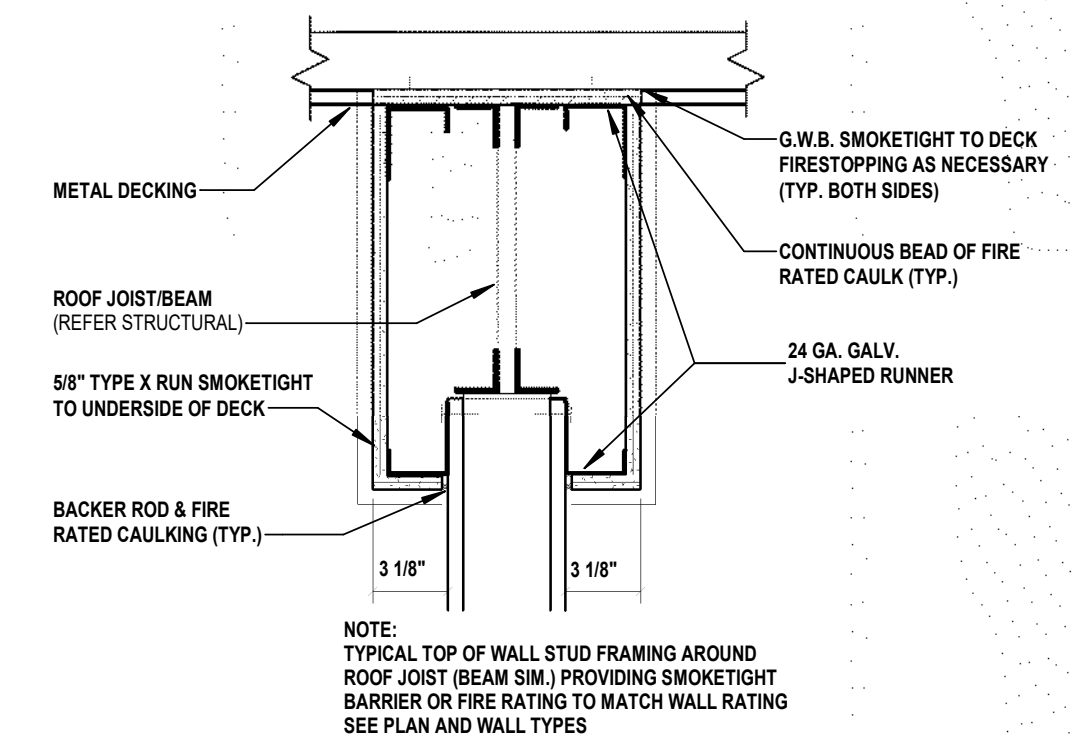
Borough of Metuchen

EMERGENCY SERVICES CENTER

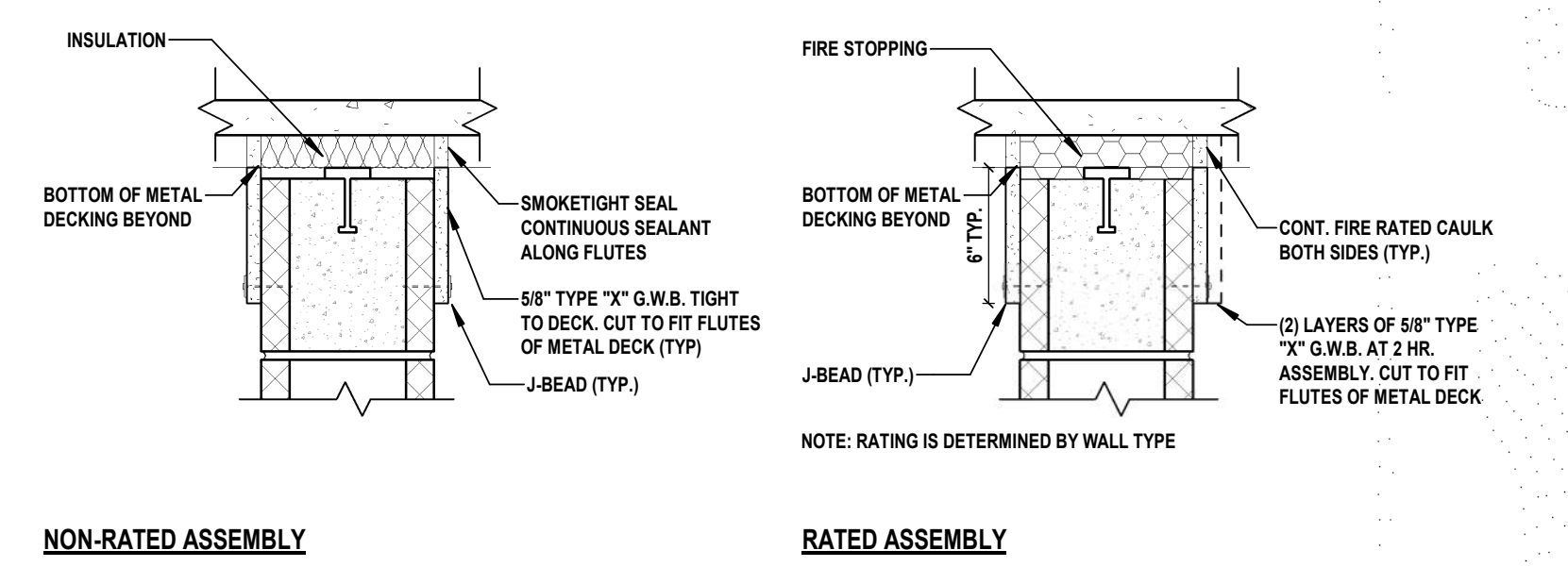


1 SAFETY PLACE
METUCHEN, NJ 08840
BOROUGH OF METUCHEN
COUNTY OF MIDDLESEX
NEW JERSEY

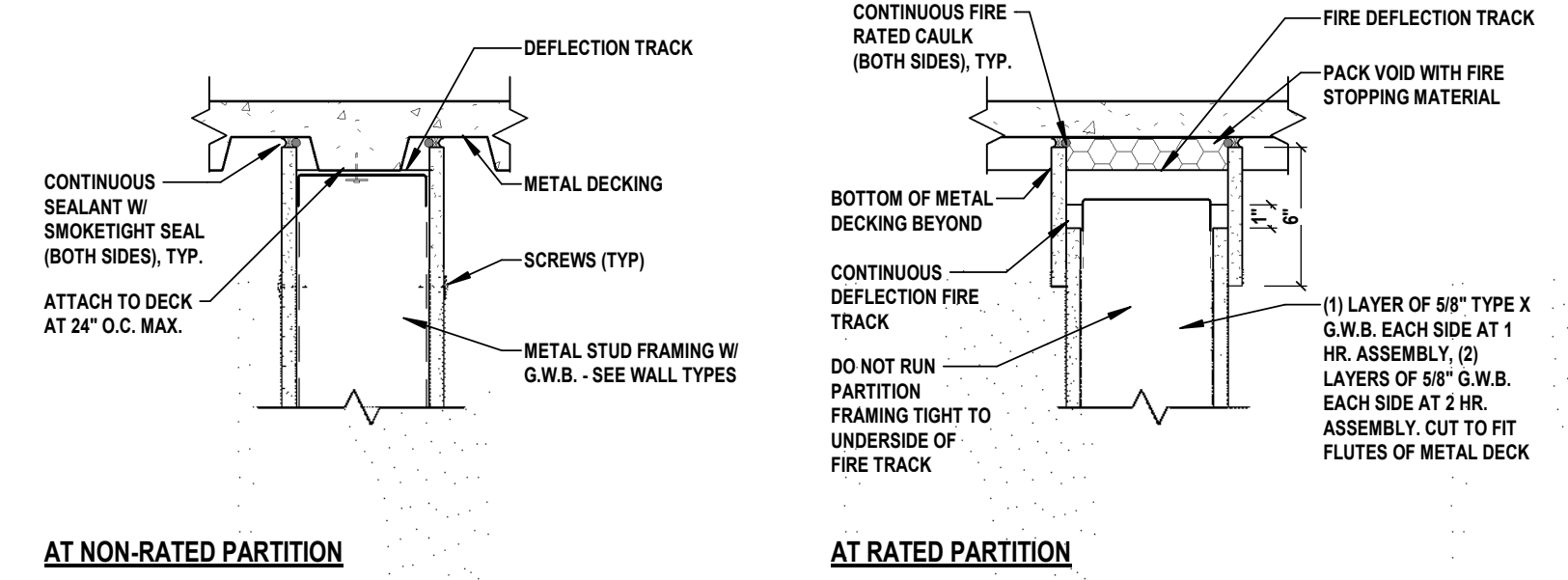
STATUS	90% - NFC
SHEET TITLE	WALL INTERSECTIONS & PENETRATIONS
DRAWING No.	A 550.00



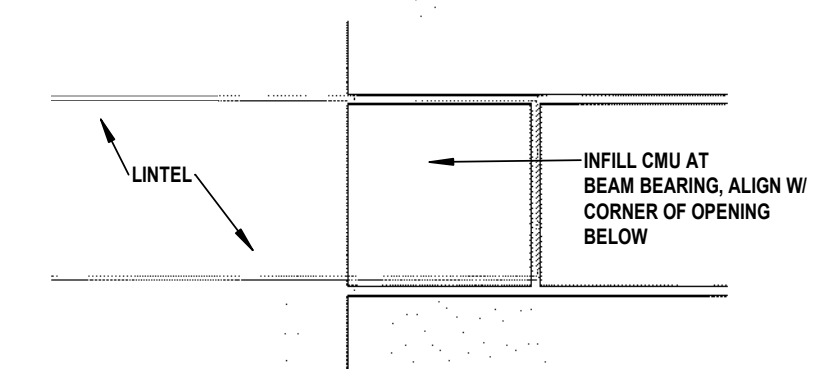
3 TOP OF F.R. OR SMOKE PARTITION AT JOISTS OR BEAMS (TYP.)
SCALE: 1 1/2" = 1'-0"



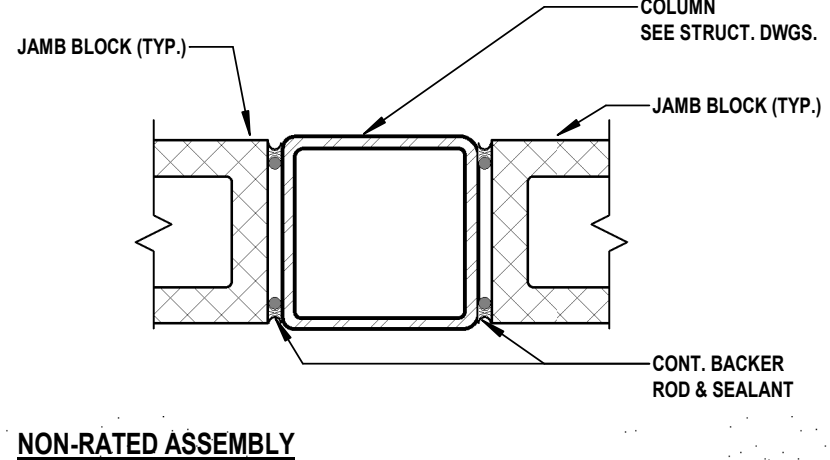
2 TOP OF CMU WALL TO U.S. OF COMPOSITE DECK (TYP.)
SCALE: 1 1/2" = 1'-0"



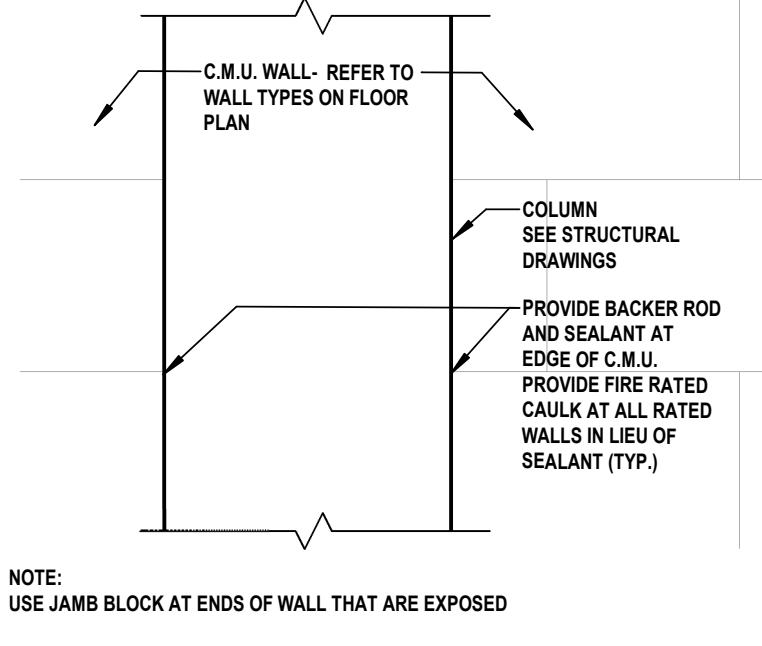
1 TOP OF STUD WALL TO U.S. OF FLOOR/ROOF DECK (TYP.)
SCALE: 1 1/2" = 1'-0"



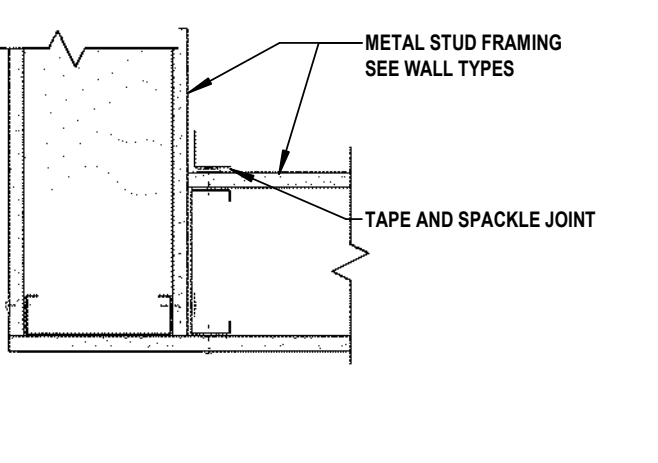
7 INFILL AT EXPOSED BEAM/LINTEL BEARING (TYP.)
SCALE: 1 1/2" = 1'-0"



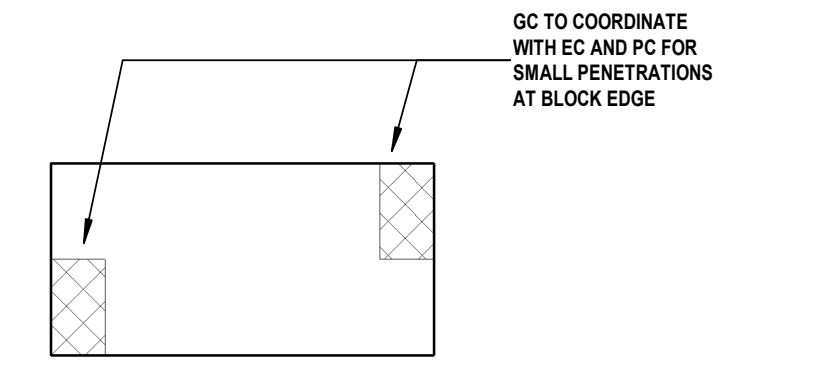
6 CMU BLOCK TO COLUMN - PLAN (TYP.)
SCALE: 1 1/2" = 1'-0"



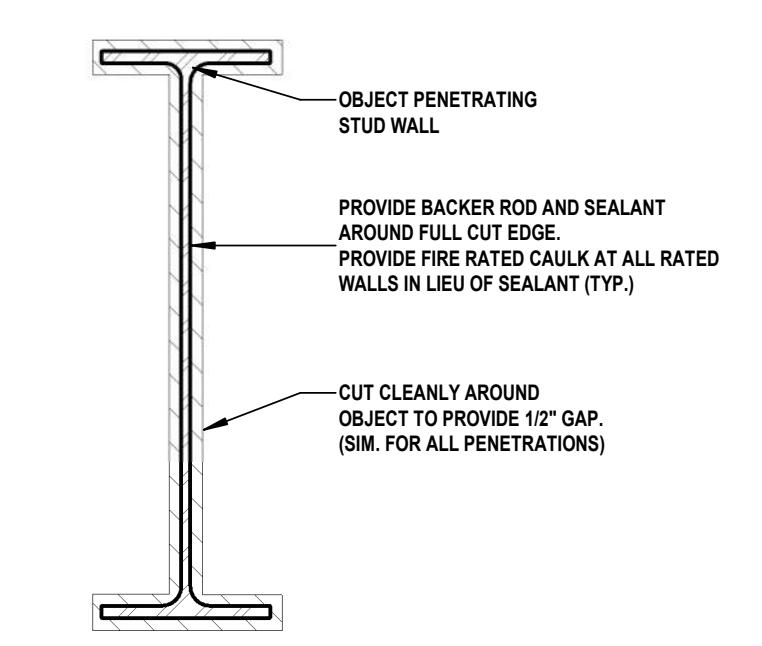
5 CMU BLOCK TO COLUMN - SECTION (TYP.)
SCALE: 1 1/2" = 1'-0"



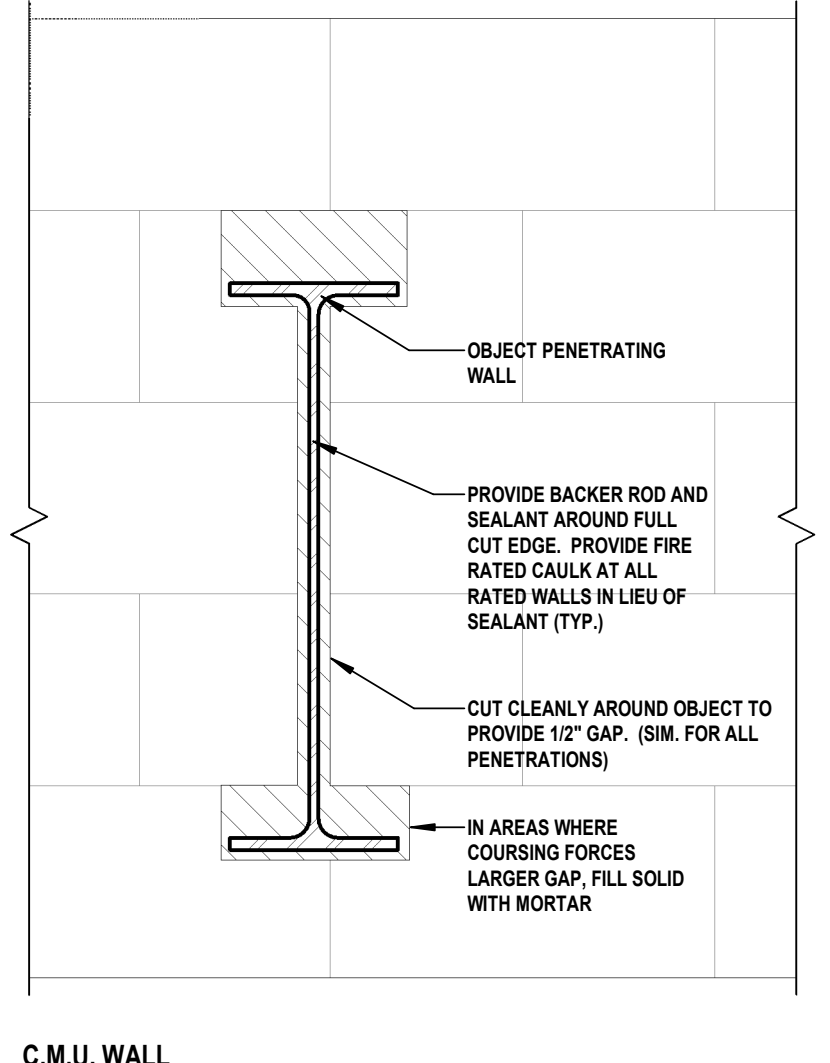
4 STUD WALL - CORNER DETAILS (TYP.)
SCALE: 1 1/2" = 1'-0"



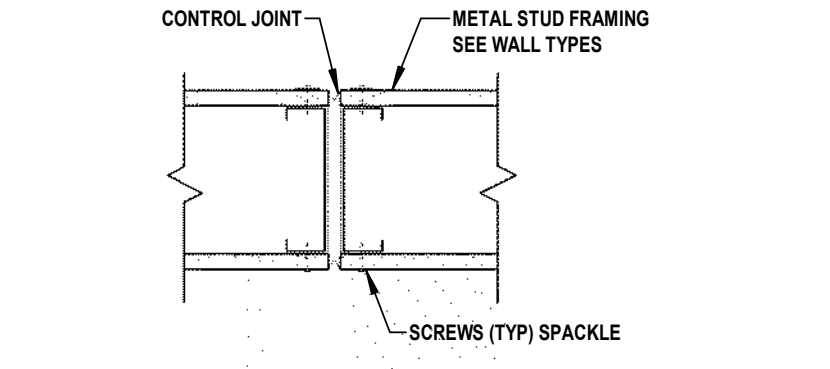
12 ACCEPTABLE CUTS IN MASONRY (TYP.)
SCALE: 1 1/2" = 1'-0"



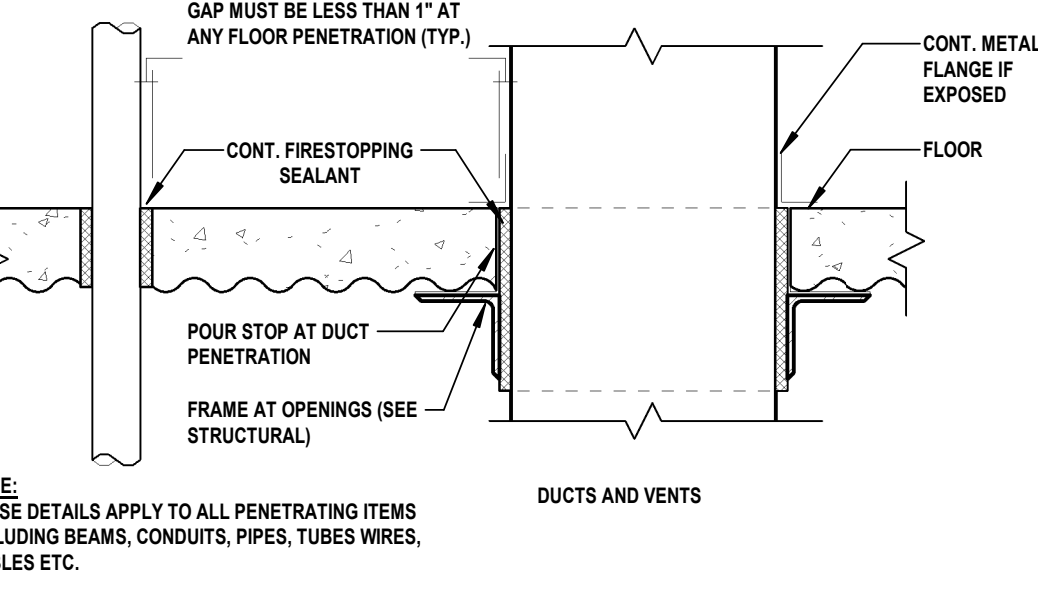
11 HORIZONTAL PENETRATIONS AT WALLS (TYP.)
SCALE: 1 1/2" = 1'-0"



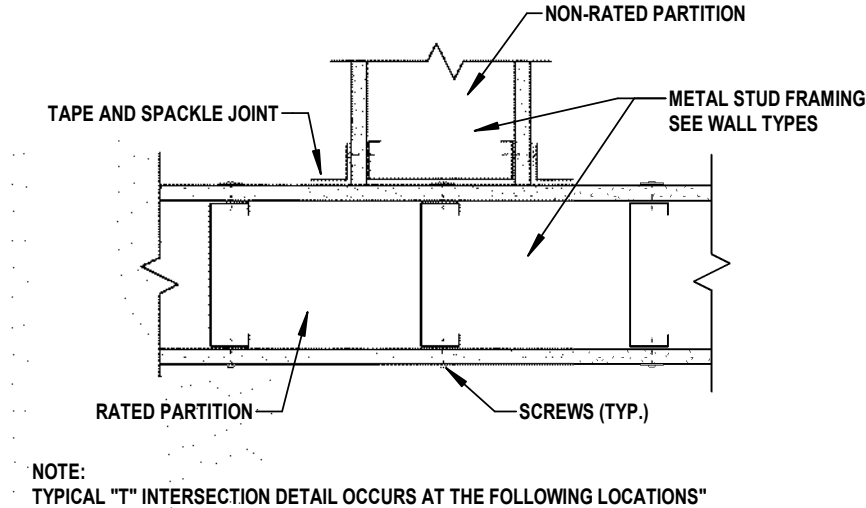
9 STUD WALL - END CONDITION (TYP.)
SCALE: 1 1/2" = 1'-0"



8 STUD WALL - CONTROL JOINT (TYP.)
SCALE: 1 1/2" = 1'-0"



13 FLOOR PENETRATIONS FOR M.E.P. AND SPRINKLER (TYP.)
SCALE: 1 1/2" = 1'-0"



10 STUD WALL - "T" INTERSECTION (TYP.)
SCALE: 1 1/2" = 1'-0"

CONSULTANTS:

MARK	DATE	DESCRIPTION
00	MAR. 6, 2024	90% - NFC

MARK	DATE	DESCRIPTION

DENNIS A. ROSS, R.A.
 NJ PROFESSIONAL ARCHITECT Lic. No. 21A01498000
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DESIGNED BY	DRAWN BY	CHECKED BY	REVIEWED BY
DJP	SKM	KNP	JBL

PROJECT No: BOME2201 DATE: MAR 12, 2024 SCALE: AS SHOWN

Borough of Metuchen
EMERGENCY SERVICES CENTER

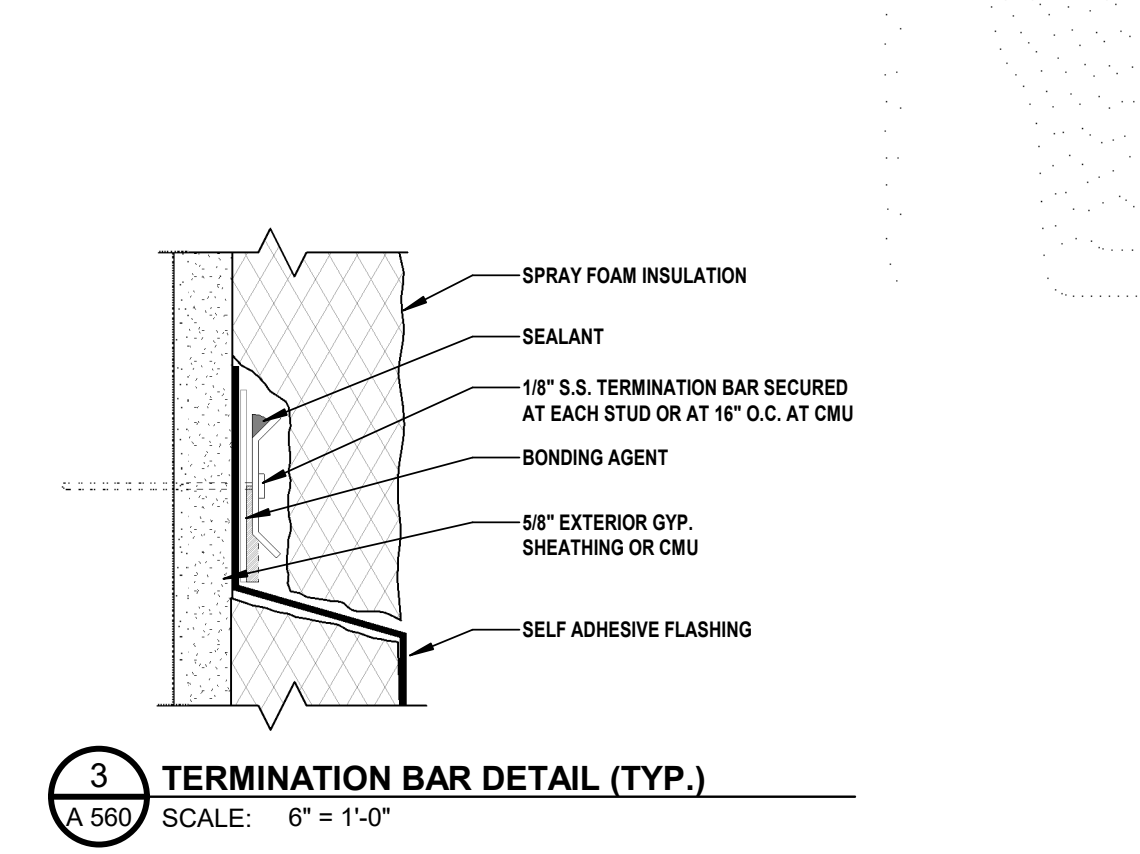


1 SAFETY PLACE
METUCHEN, NJ 08840
BOROUGH OF MIDDLESEX
NEW JERSEY

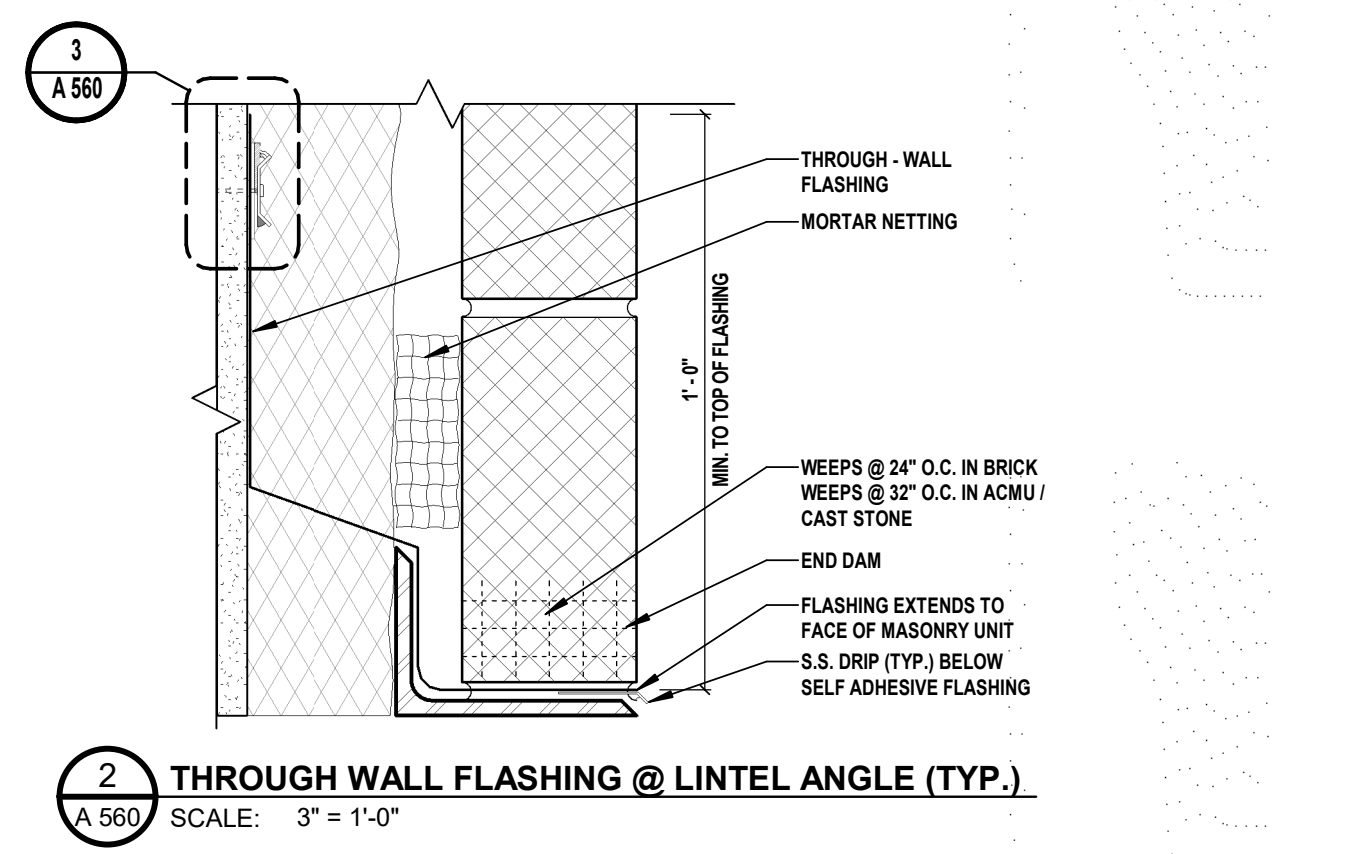
STATUS	90% - NFC
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BASE OF WALL & FLASHING DETAILS

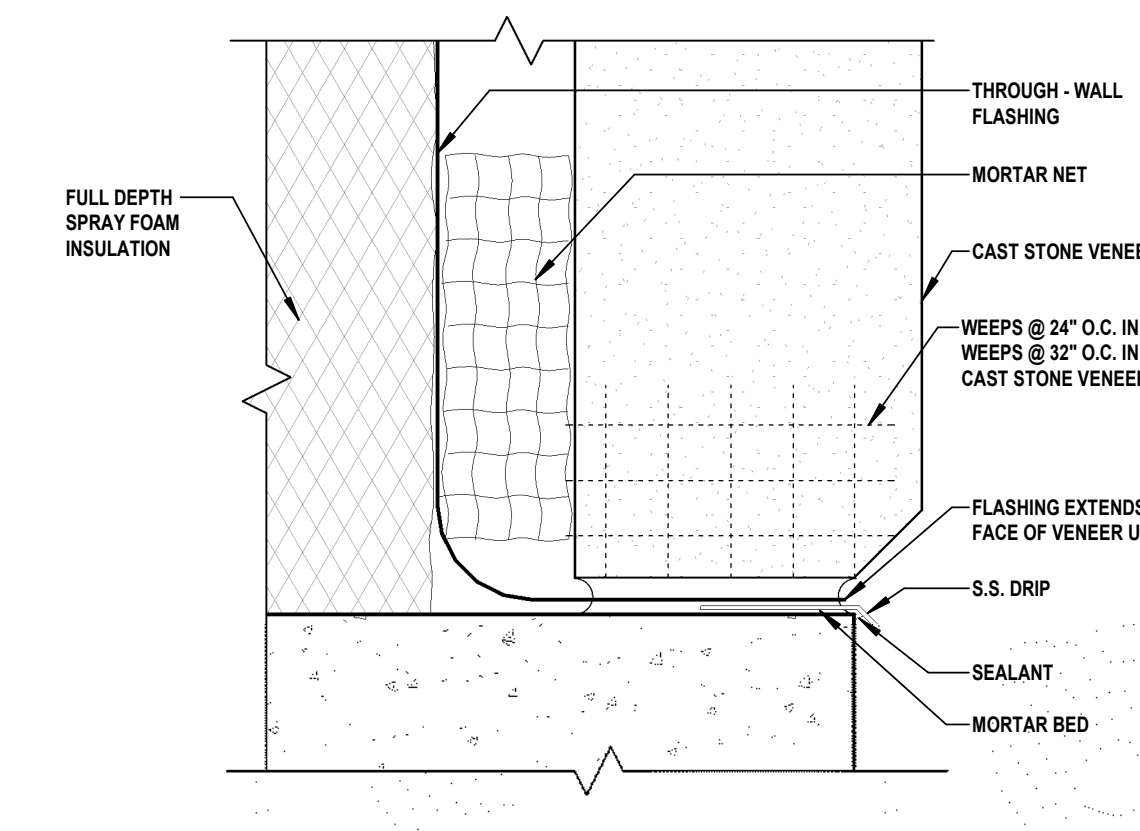
DRAWING No. **A 560.00**



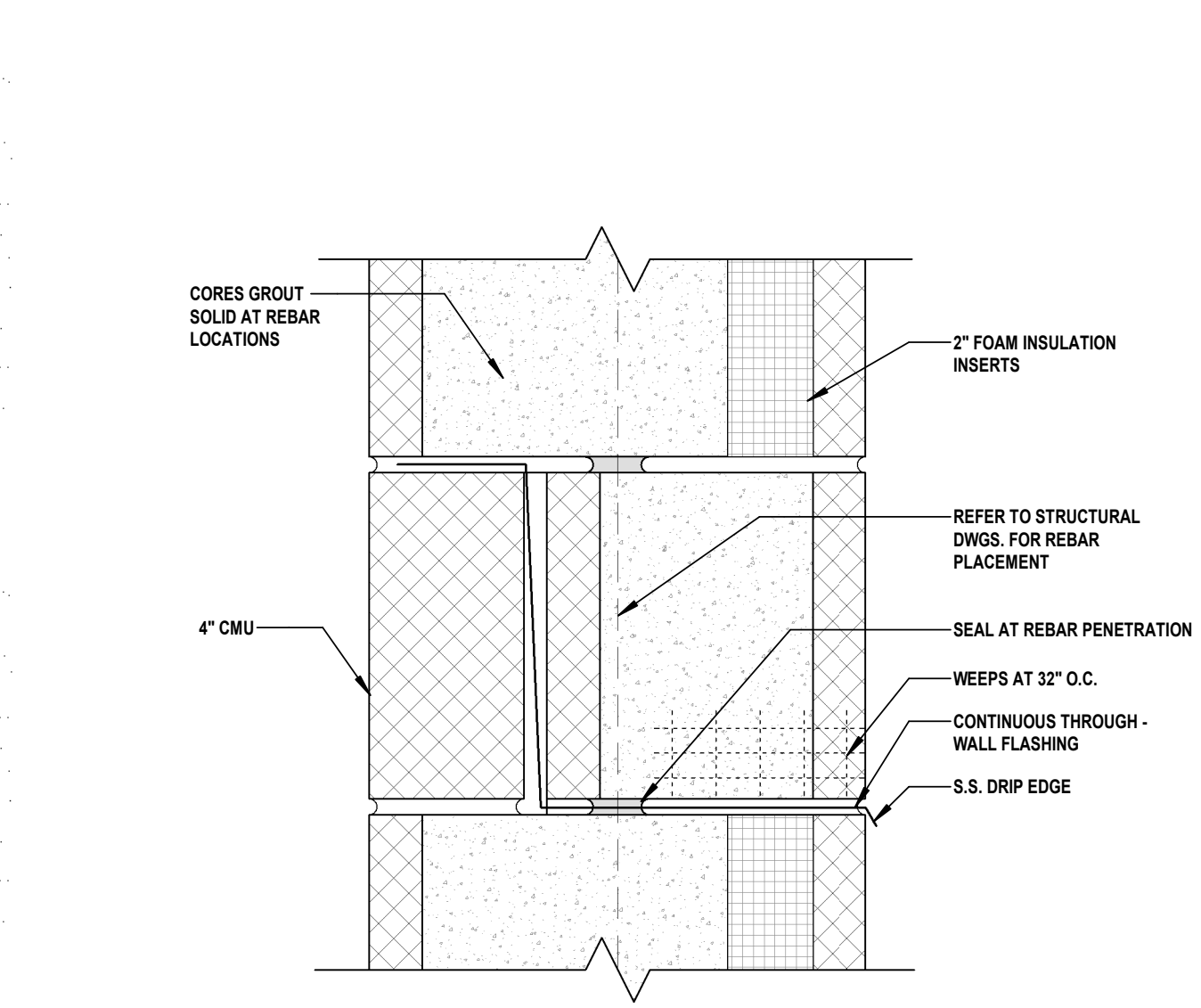
3 TERMINATION BAR DETAIL (TYP.)
 SCALE: 6" = 1'-0"



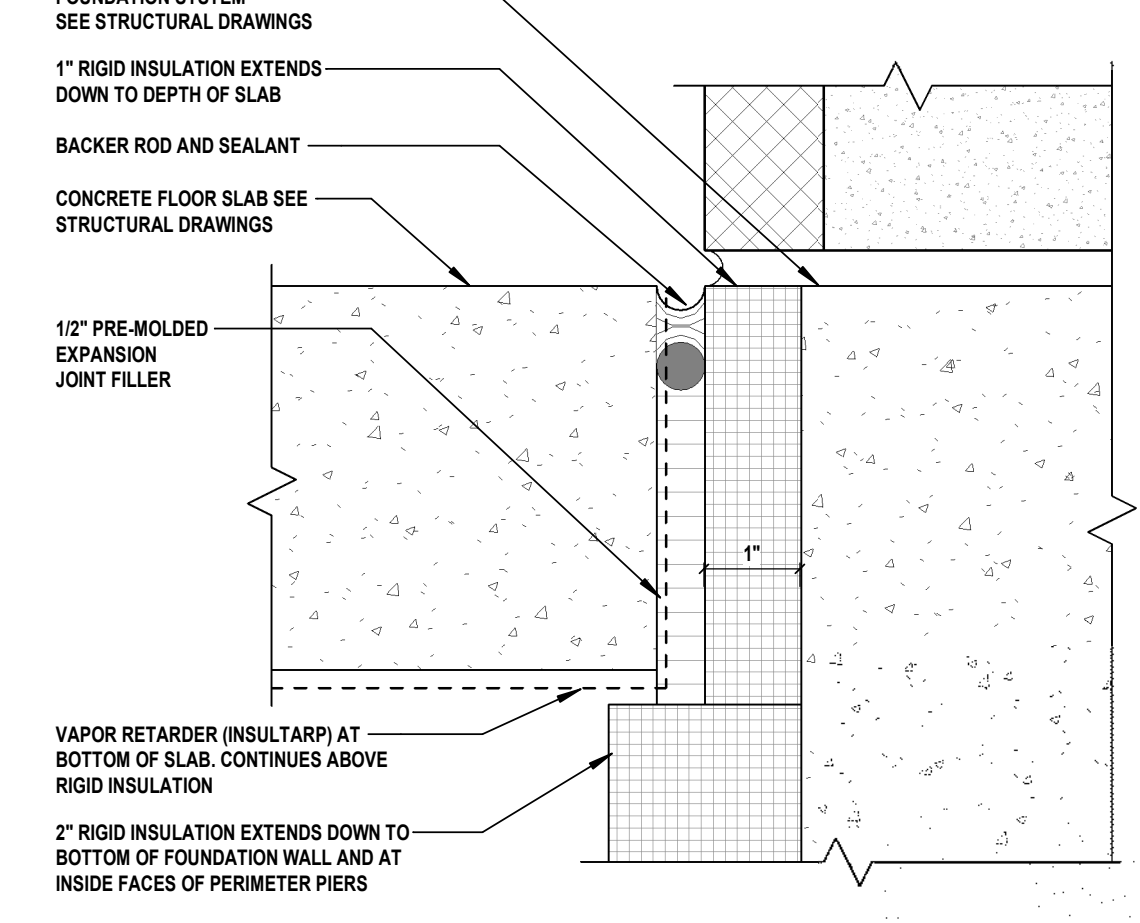
2 THROUGH WALL FLASHING @ LINTEL ANGLE (TYP.)
 SCALE: 3" = 1'-0"



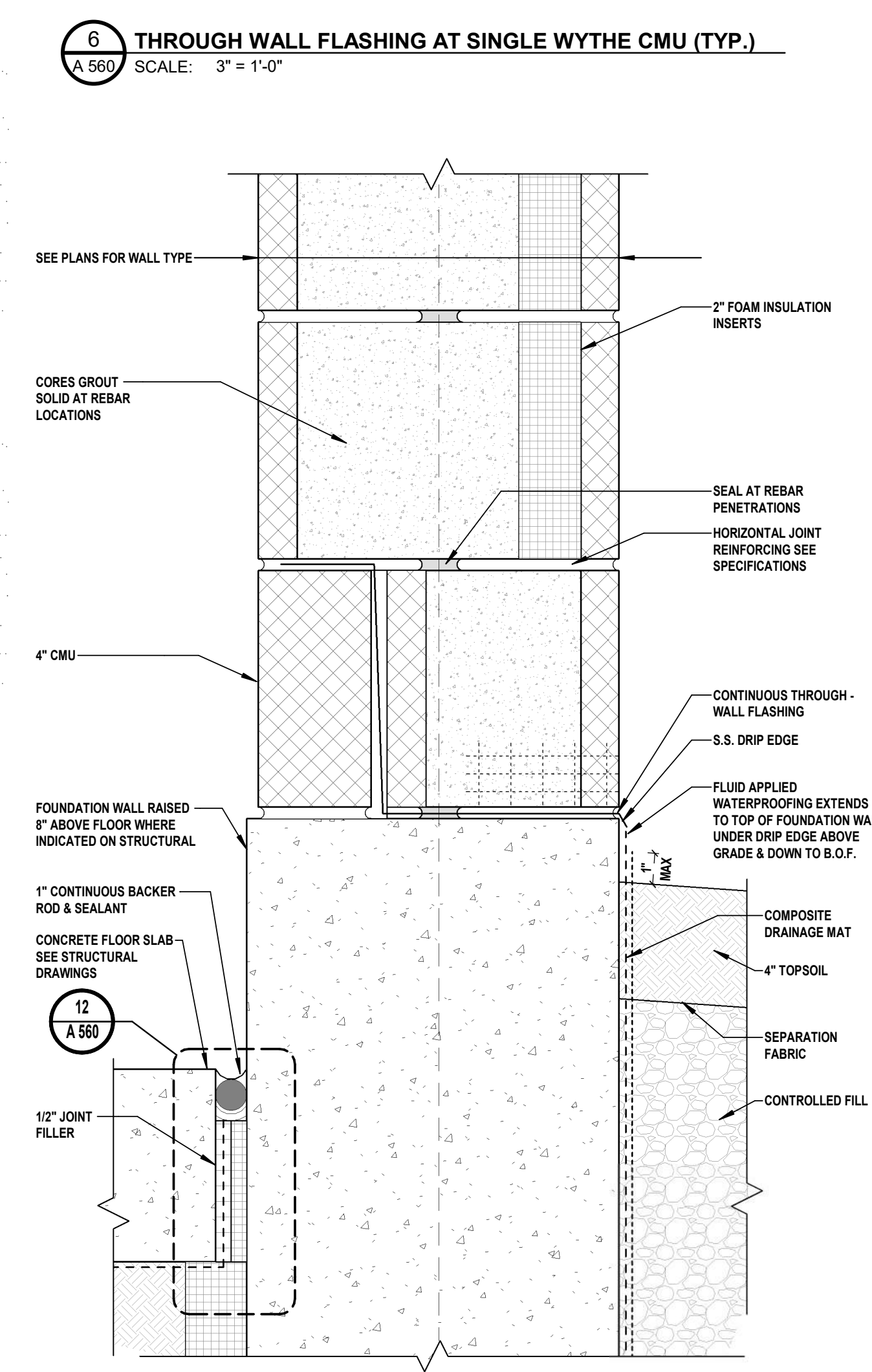
7 BASE OF WALL FLASHING (TYP.)
 SCALE: 6" = 1'-0"



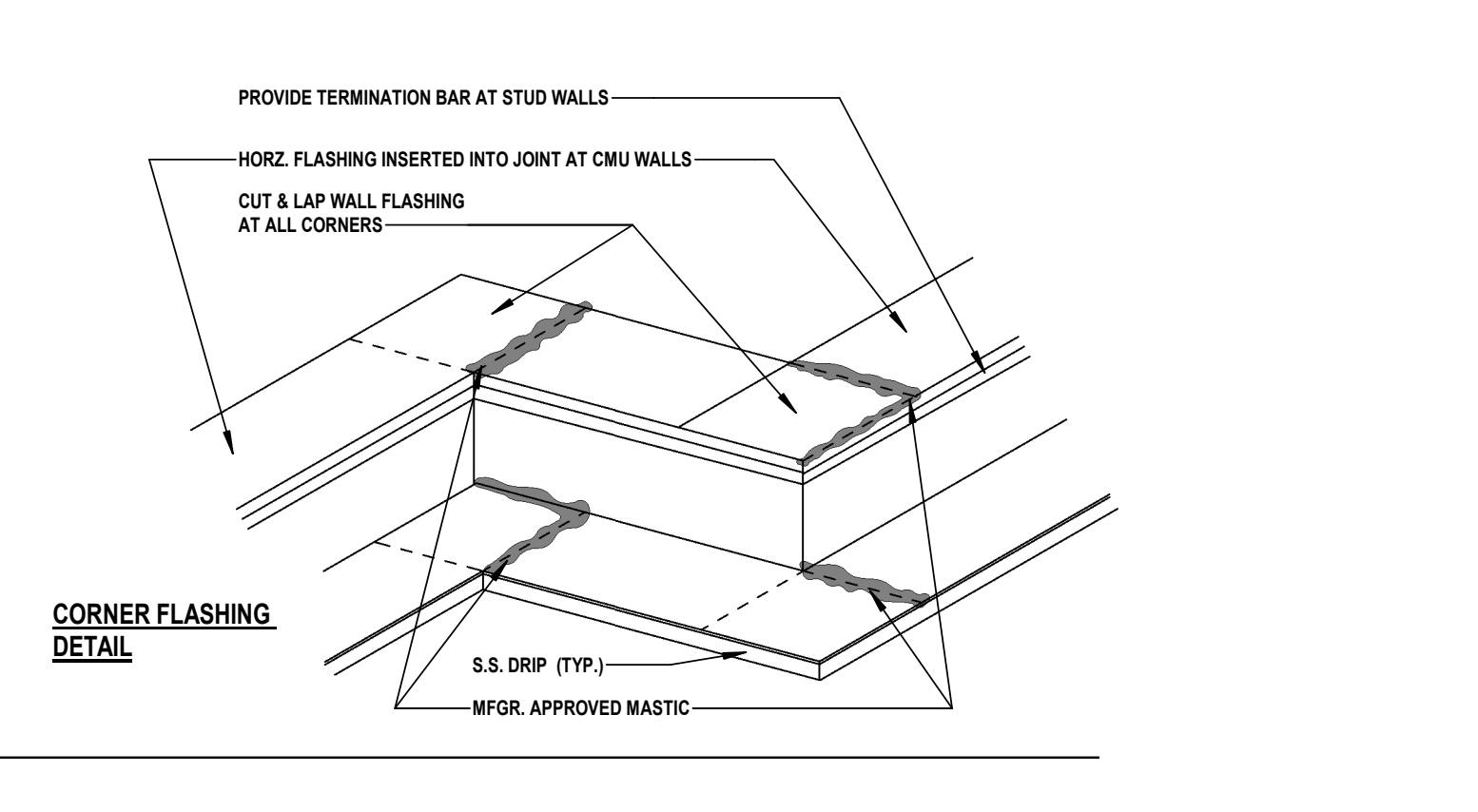
6 THROUGH WALL FLASHING AT SINGLE WYTHE CMU (TYP.)
 SCALE: 3" = 1'-0"



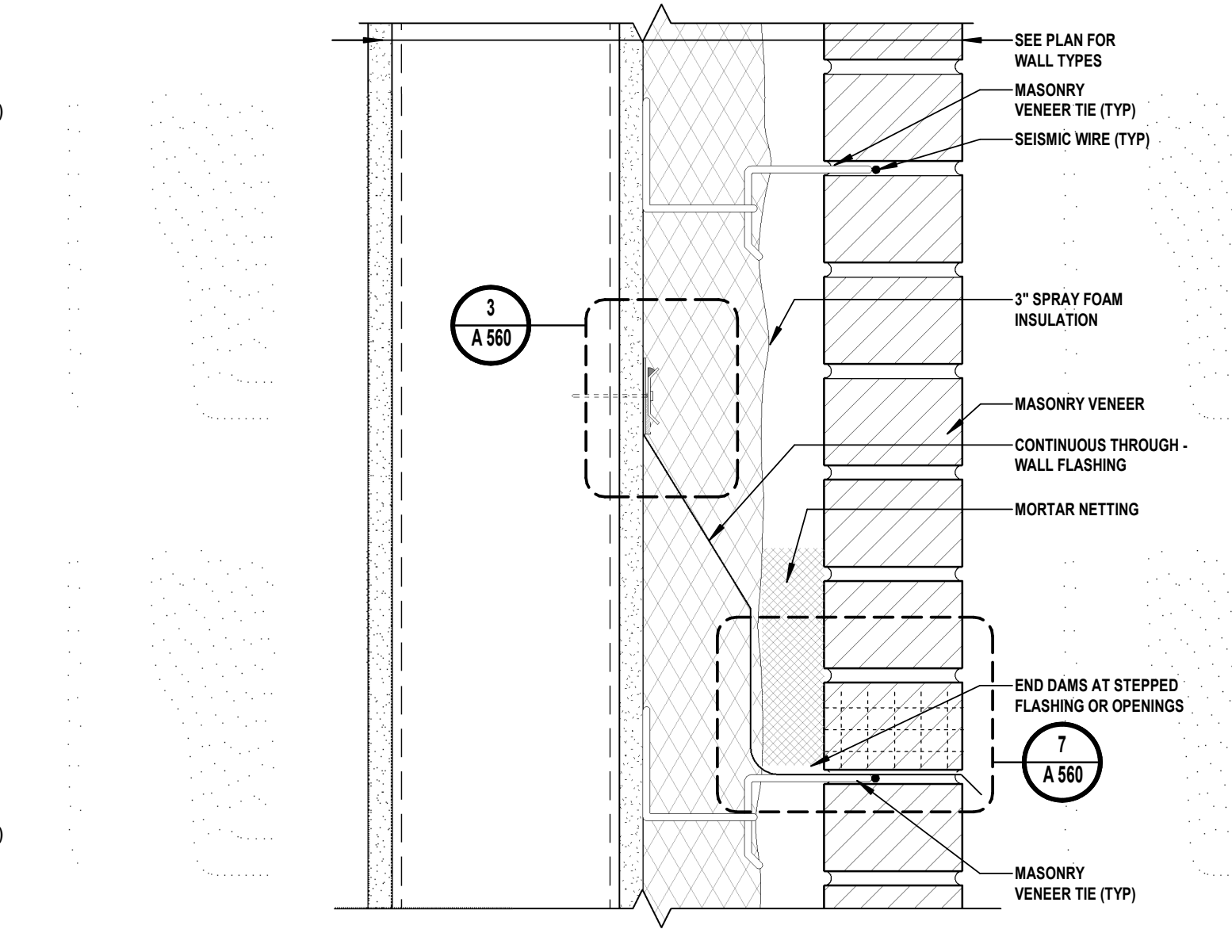
11 SLAB EDGE DETAIL AT CMU (TYP.)
 SCALE: 6" = 1'-0"



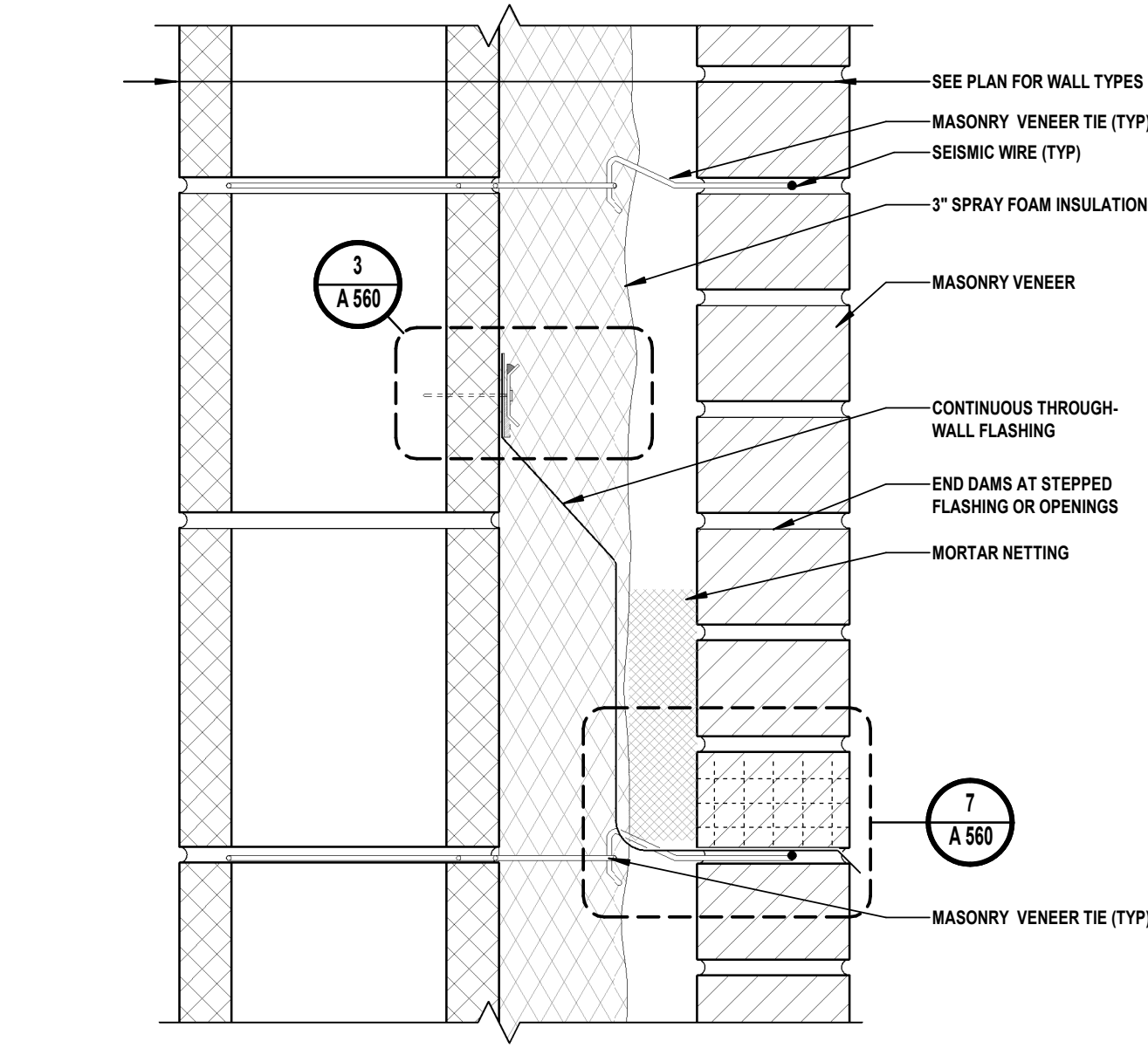
10 BASE OF WALL - SLAB EDGE @ SINGLE WYTHE (INT. INSULATION)
 SCALE: 3" = 1'-0"



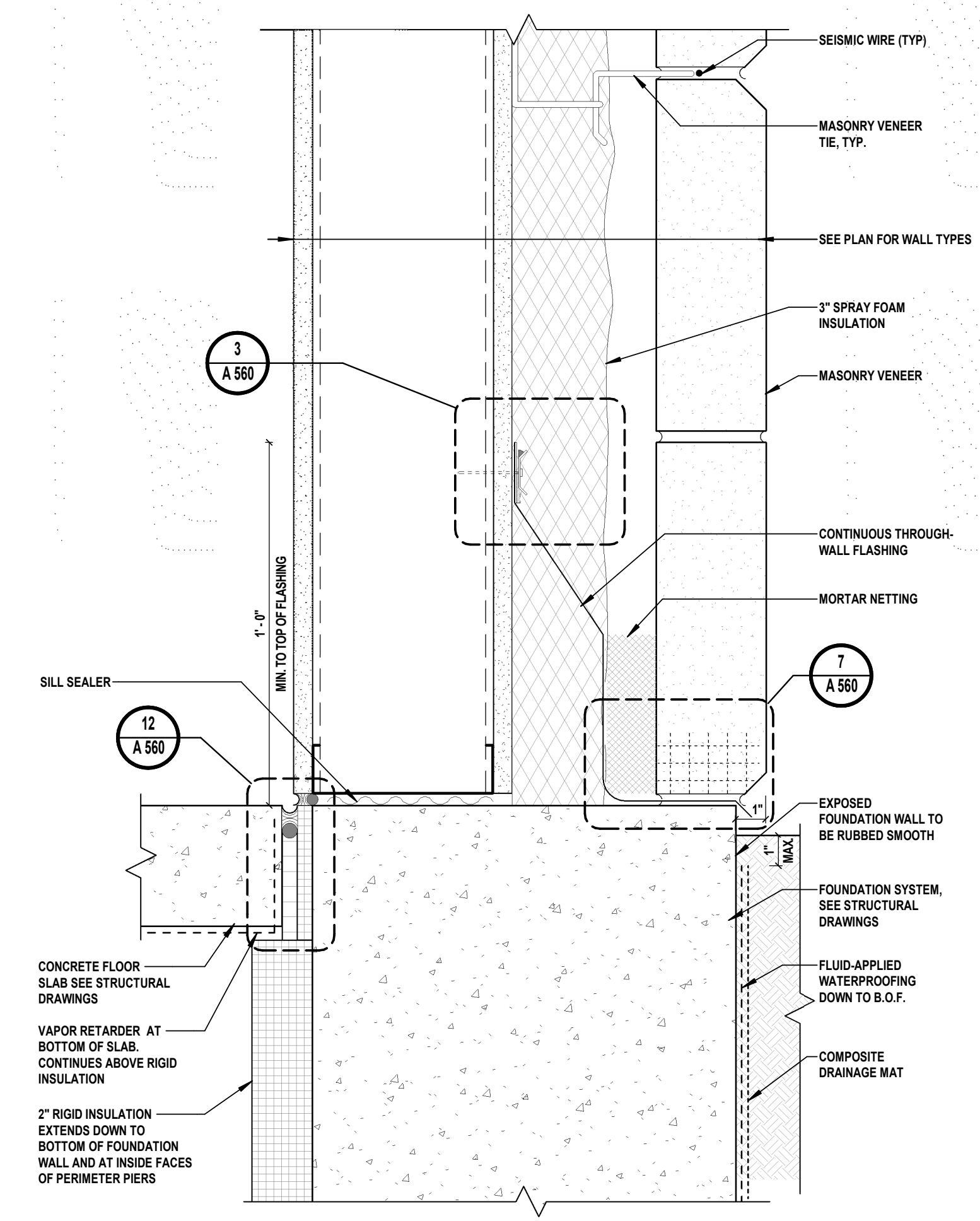
1 FLASHING AT CORNERS AND END DAMS (TYP.)
 SCALE: N.T.S.



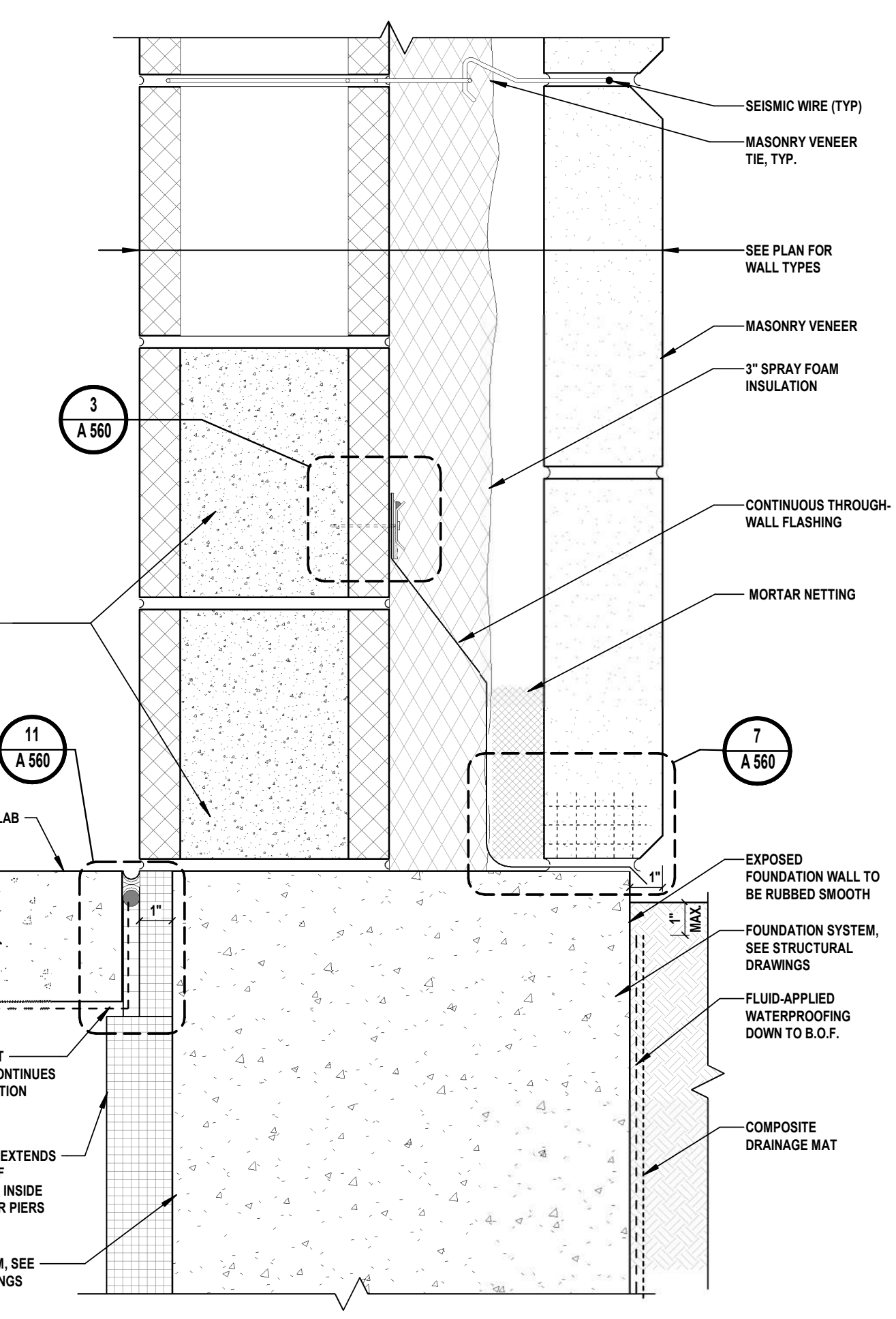
5 THROUGH WALL FLASHING @ STUD WALL (TYP.)
 SCALE: 3" = 1'-0"



4 THROUGH WALL FLASHING @ CMU WALL (TYP.)
 SCALE: 3" = 1'-0"

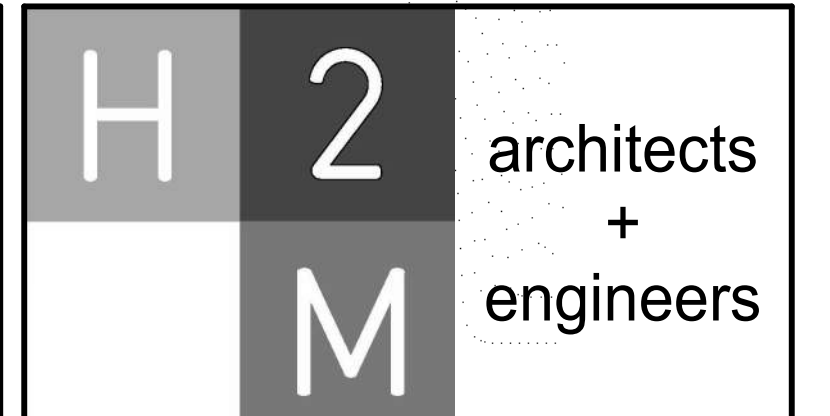


9 BASE OF WALL - SLAB EDGE @ STUD WALL (TYP.)
 SCALE: 3" = 1'-0"



8 BASE OF WALL - SLAB EDGE @ CMU WALL (TYP.)
 SCALE: 3" = 1'-0"

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H2M Architects & Engineers, Inc.
119 Cherry Hill Road, Suite 110
Parsippany, NJ 07054
862.207.5900 • www.h2m.com

CONSULTANTS:
MARK DATE DESCRIPTION
00 MAR. 6, 2024 90% - NFC

Table with columns: MARK, DATE, DESCRIPTION. Row 00: MAR. 6, 2024 90% - NFC.

DENNIS A. ROSS, R.A.
NJ PROFESSIONAL ARCHITECT Lic. No. 21A0149906
DESIGNED BY: DJP SKM
CHECKED BY: KNP
REVIEWED BY: JBL

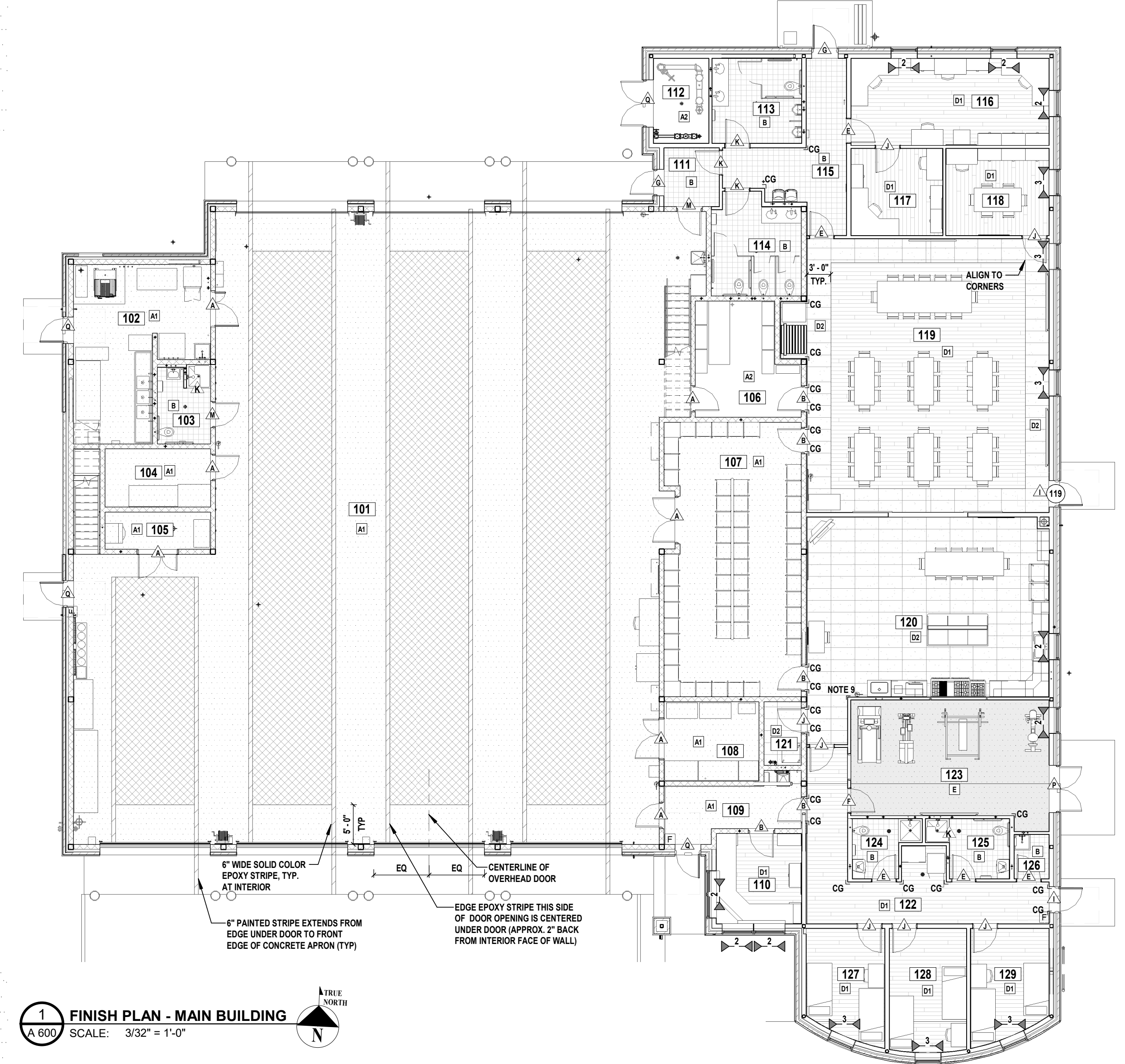
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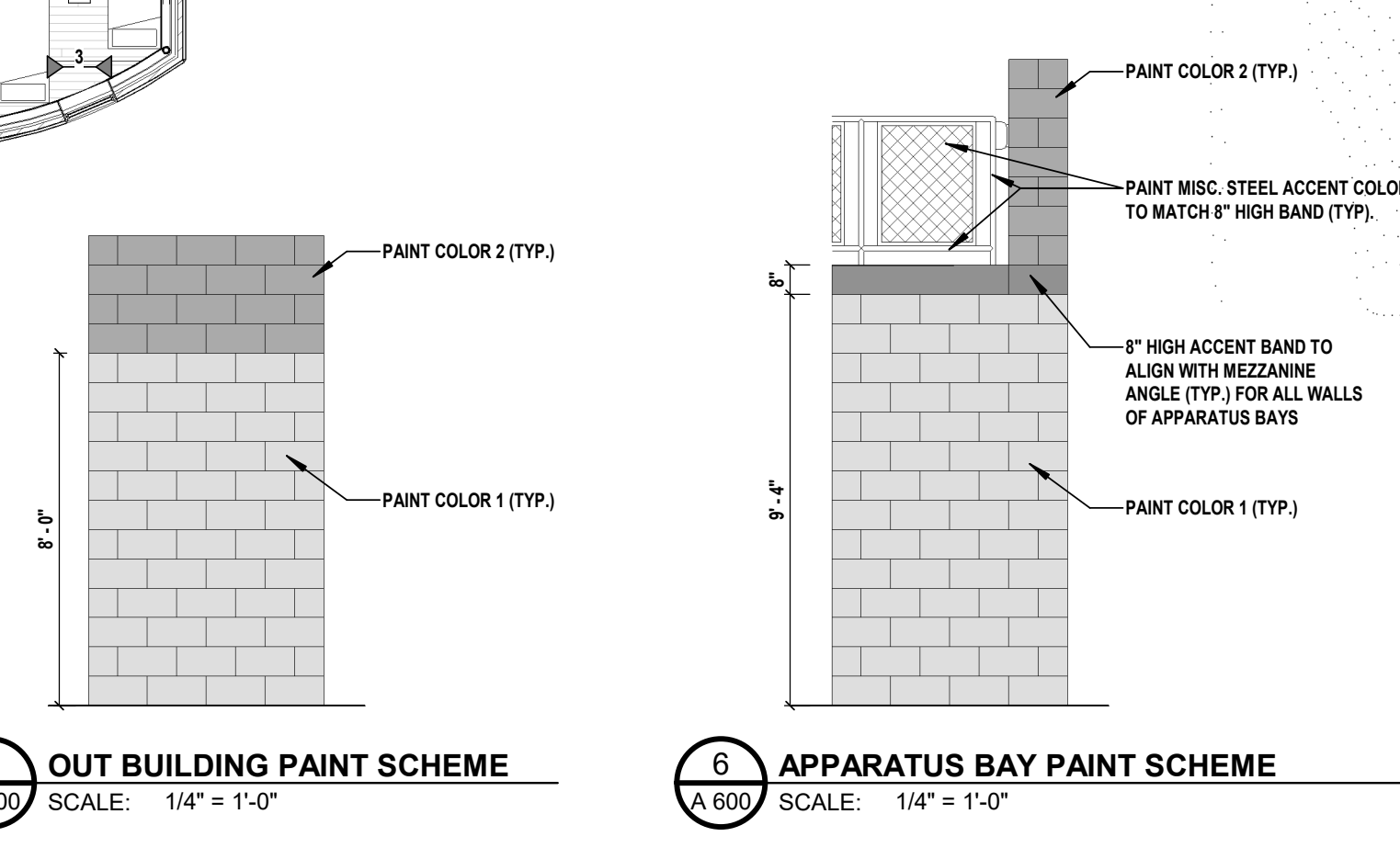
SHEET TITLE FINISH PLANS AND SCHEDULES

DRAWING No. A 600.00

FINISH SCHEDULE table with columns: ROOM NUMBER, NAME, MATL., FIN., BASE, NORTH, EAST, SOUTH, WEST, CEILING, COMMENTS, NUMBER. Lists rooms 101-129 and M01-M06, OTB1-OTB2.



1 FINISH PLAN - MAIN BUILDING
SCALE: 3/32" = 1'-0"



4 OUT BUILDING PAINT SCHEME
SCALE: 1/4" = 1'-0"

6 APPARATUS BAY PAINT SCHEME
SCALE: 1/4" = 1'-0"

FLOOR TRANSITION NOTES
1. THERMALLY BROKEN THRESHOLDS TO BE INSTALLED AT ALL EXTERIOR DOORS
2. IN AREAS WHERE 3/4" HIGH THRESHOLD IS SPECIFIED THE DOORS SHALL BE UNDERCUT TO CLEAR
3. FOR THRESHOLD INFORMATION - SEE DOOR DETAILS

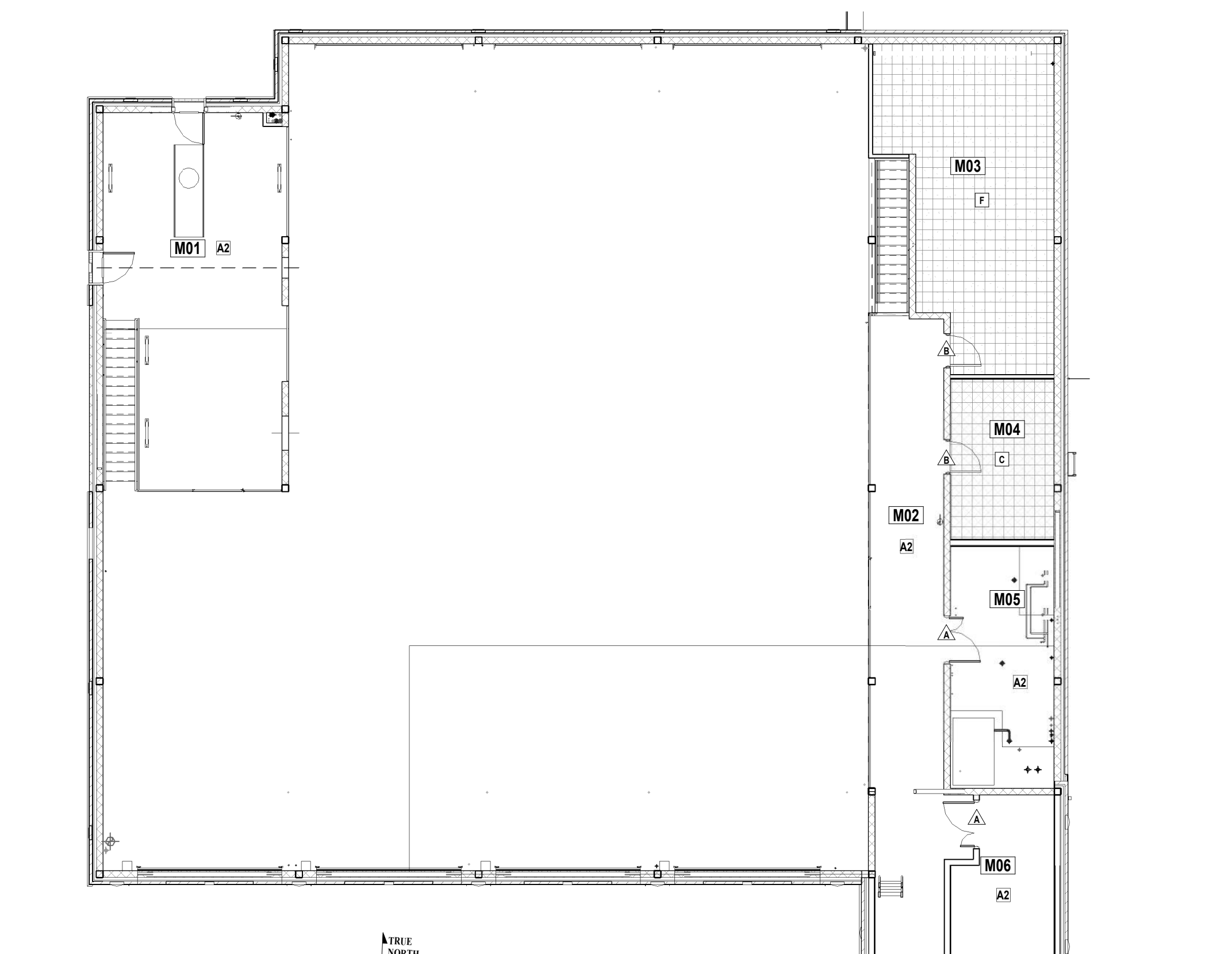
APP. BAY EPOXY LEGEND
EPOXY COLOR 1 (grid pattern)
EPOXY COLOR 2 (diagonal lines)
EPOXY COLOR 3 (cross-hatch)

FINISH NOTES
1. SEE SPECIFICATIONS FOR INTERIOR FINISH MINIMUM REQUIREMENTS.
2. SEE REFLECTED CEILING PLAN FOR CEILING HEIGHTS, SOFFITS, AND SAC TYPES.
3. THIS SCHEDULE SERVES AS A GENERAL LIST OF FINISH ITEMS AND IS NOT A LIST OF ALL FINISH ITEMS WITHIN A ROOM OR SPACE...

WINDOW SHADE LEGEND
WINDOW SHADE TYPE:
1. BLACK OUT
2. 10% OPEN SHADE
3. DUAL SHADE
DOOR MOUNTED MINI-BLIND
4. DOOR 119
NOTES: VERIFY ALL DIMENSIONS W/ ACTUAL WINDOW OPENINGS IN FIELD.

FLOOR FINISH LEGEND
A1 CONCRETE W/ EPOXY FLOOR SYSTEM
A2 CONCRETE W/ SEALER
B CERAMIC TILE TYPE - 8" x 8"
C SDVCT
D1 LVT1 (WOOD LOOK)
D2 LVT2 (CONCRETE LOOK)
E RUBBER ATHLETIC FLOORING
F VCT
CG CORNER GUARD

FINISH ABBREVIATIONS
CG CORNER GUARD
C.M.U. CONCRETE MASONRY UNIT
CONC. CONCRETE
C.F.T./CFT CERAMIC FLOOR TILE
C.W.T./CWT CERAMIC WALL TILE
D.F. DRINKING FOUNTAIN
E.P. EPOXY WALL PAINT
EXP. EXPOSED
F.R.P. FIBERGLASS REINFORCED PANEL
G.W.B. GYPSUM WALL BOARD
L.V.T./LVT LUXURY VINYL TILE
R.B. RUBBER BASE
RUBBER RUBBER FLOORING
P.L.A.M. PLASTIC LAMINATE
PT./P.T. PLASTIC
S.A.C. SUSPENDED ACOUSTICAL CEILING
SEALER SEALER
STRUCT. STRUCTURE
V.C.T./VCT VINYL COMPOSITE TILE
SDVCT STATIC DISSIPATIVE VINYL COMPOSITE TILE



2 FINISH PLAN - MEZZANINE
SCALE: 3/32" = 1'-0"

3 FINISH PLAN - OUTBUILDING
SCALE: 3/32" = 1'-0"

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