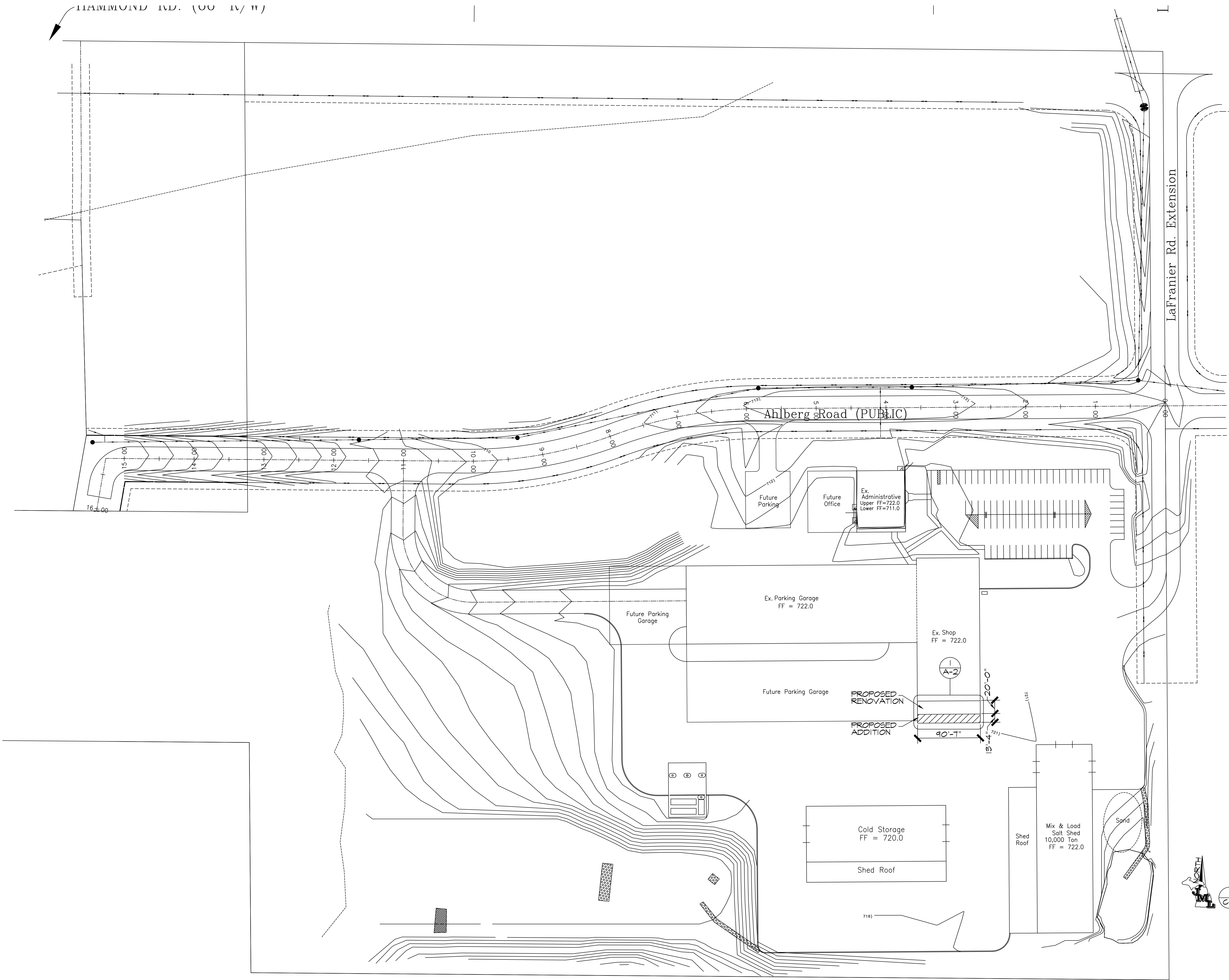
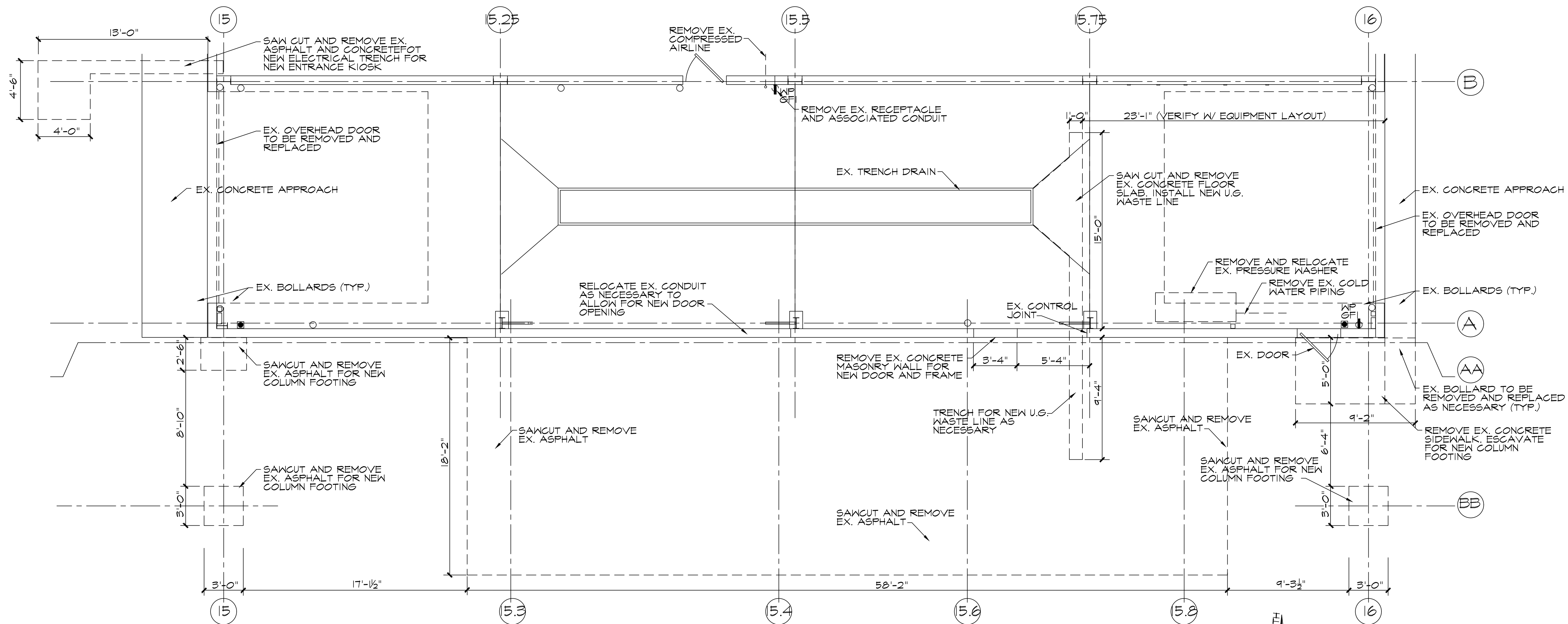


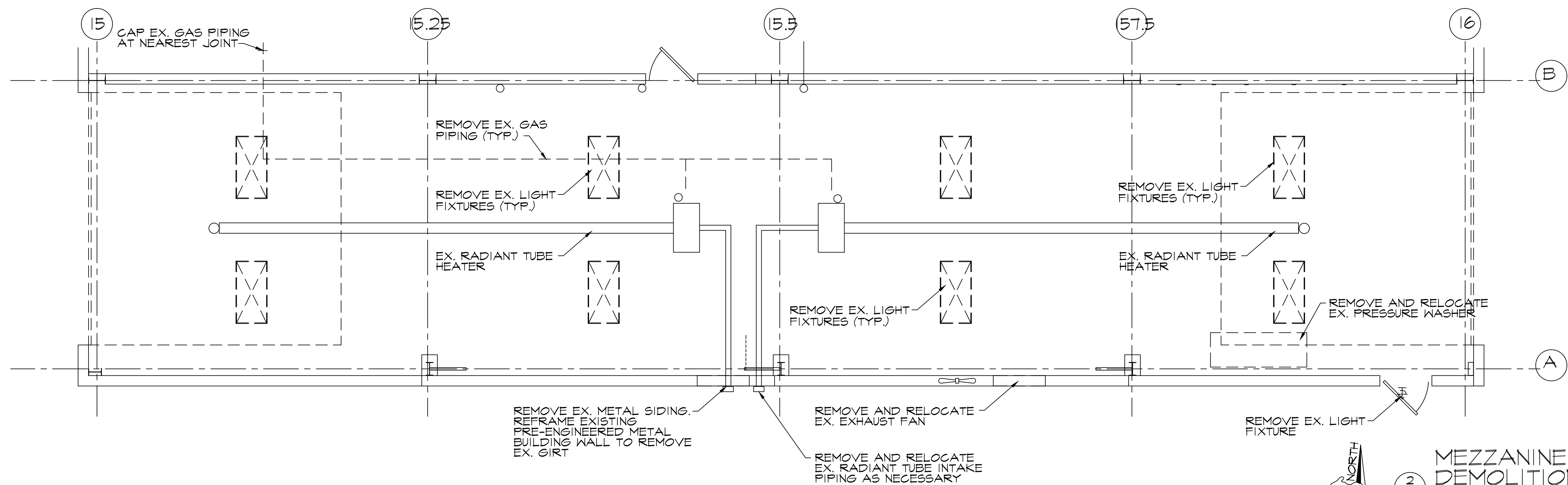
SITE PLAN
SCALE: 1" = 60'-0"

JML DESIGN GROUP, LTD. 225 E. 16TH STREET, SUITE B, TRAVERSE CITY MICHIGAN 49684

	location: TRAVERSE CITY, MICHIGAN	architect: JF CAMPBELL	scale: AS NOTED
	client: GT CO ROAD COMMISSION	phone: (231) 947-9019 e-mail: jfmc@gtt.net	drawn: CFC/MAK
sheet title: SITE PLAN	revisions: 07/16/18 ISSUED FOR PERMITS/PRICING		
preliminary C-1	project name: TRUCK WASH ADDITION		
date: 07/16/18	sheet: C-1		

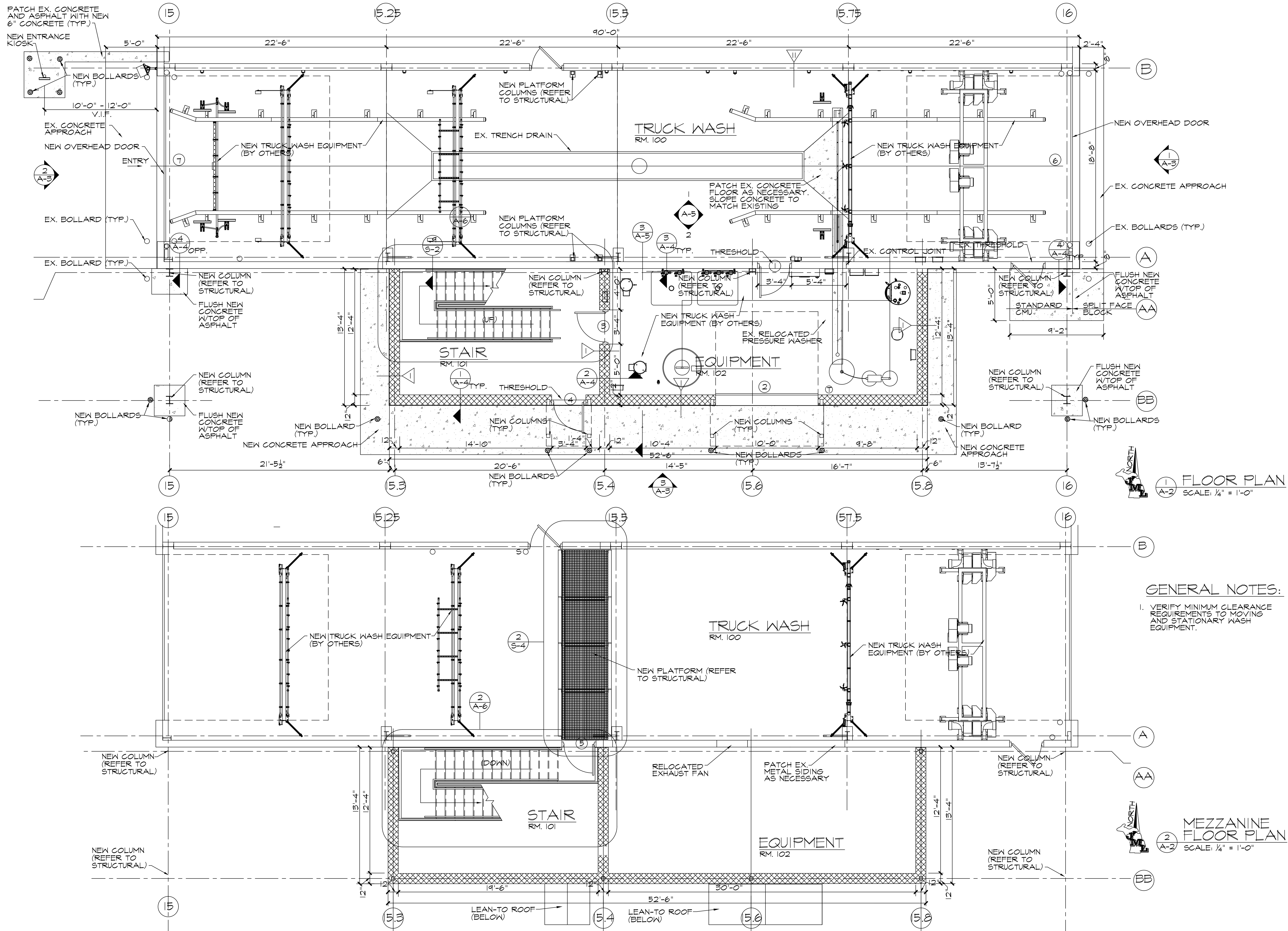


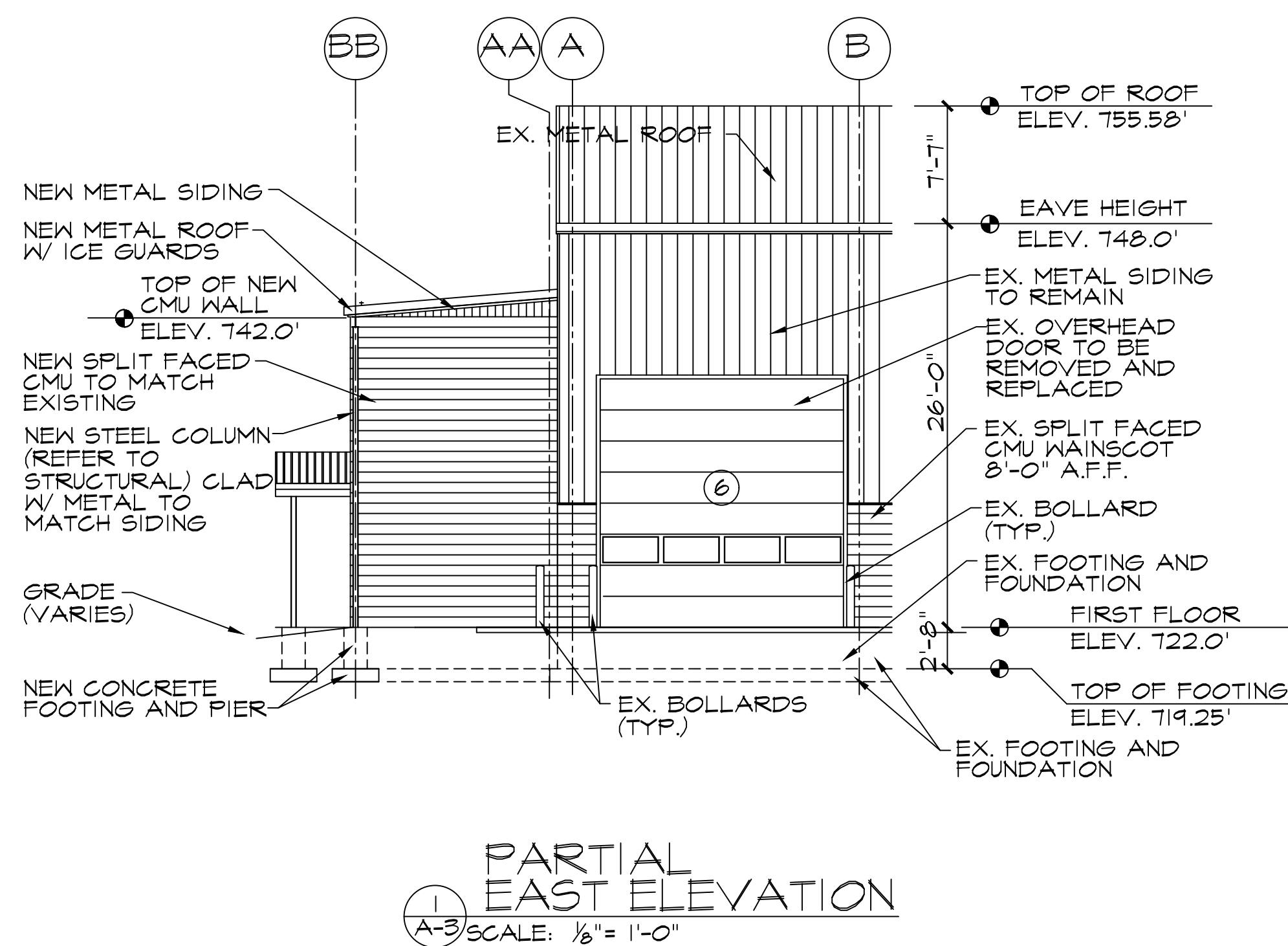
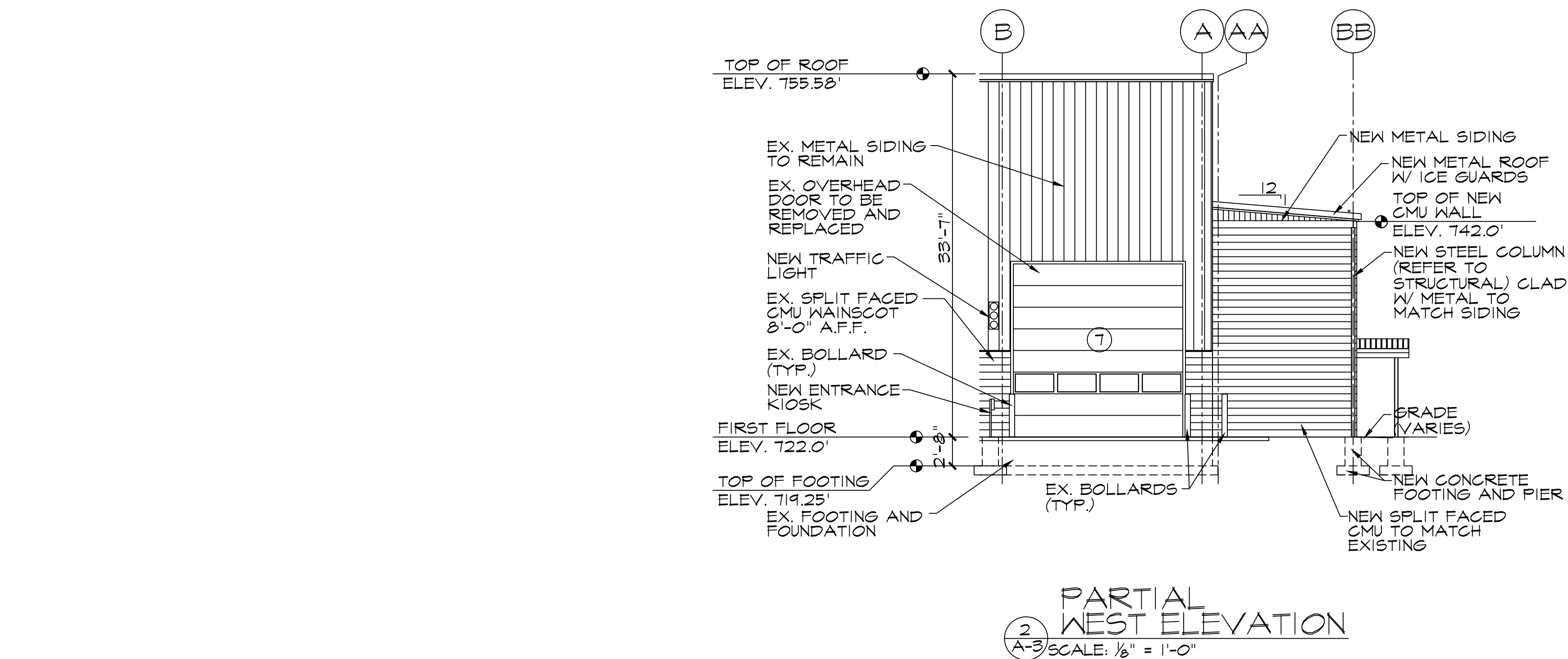
**FIRST FLOOR
DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"



**MEZZANINE
DEMOLITION PLAN**
SCALE: 1/4" = 1'-0"

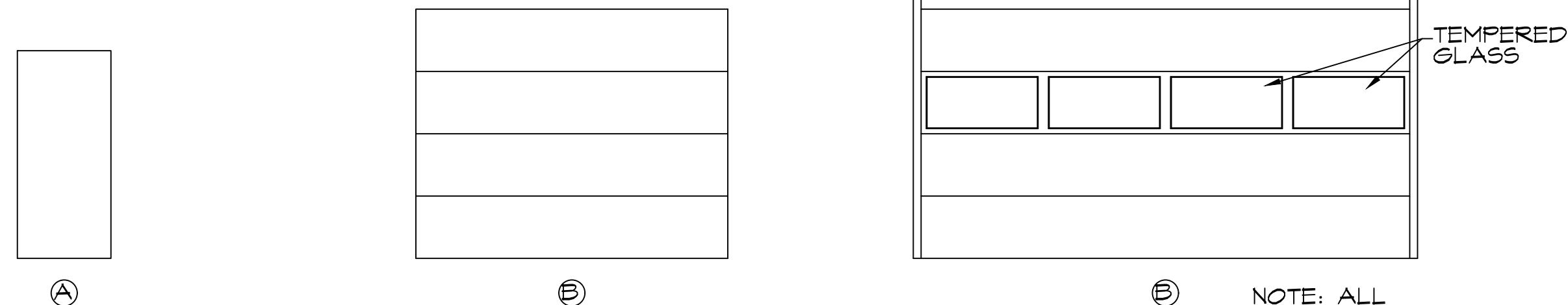
GENERAL NOTES:
1. REMOVE ALL EX. NON WATERPROOF OR GFI PROTECTED ELECTRICAL DEVICES. REPLACE AND REPLACE ALL BOXES AND DEVICES AS NECESSARY





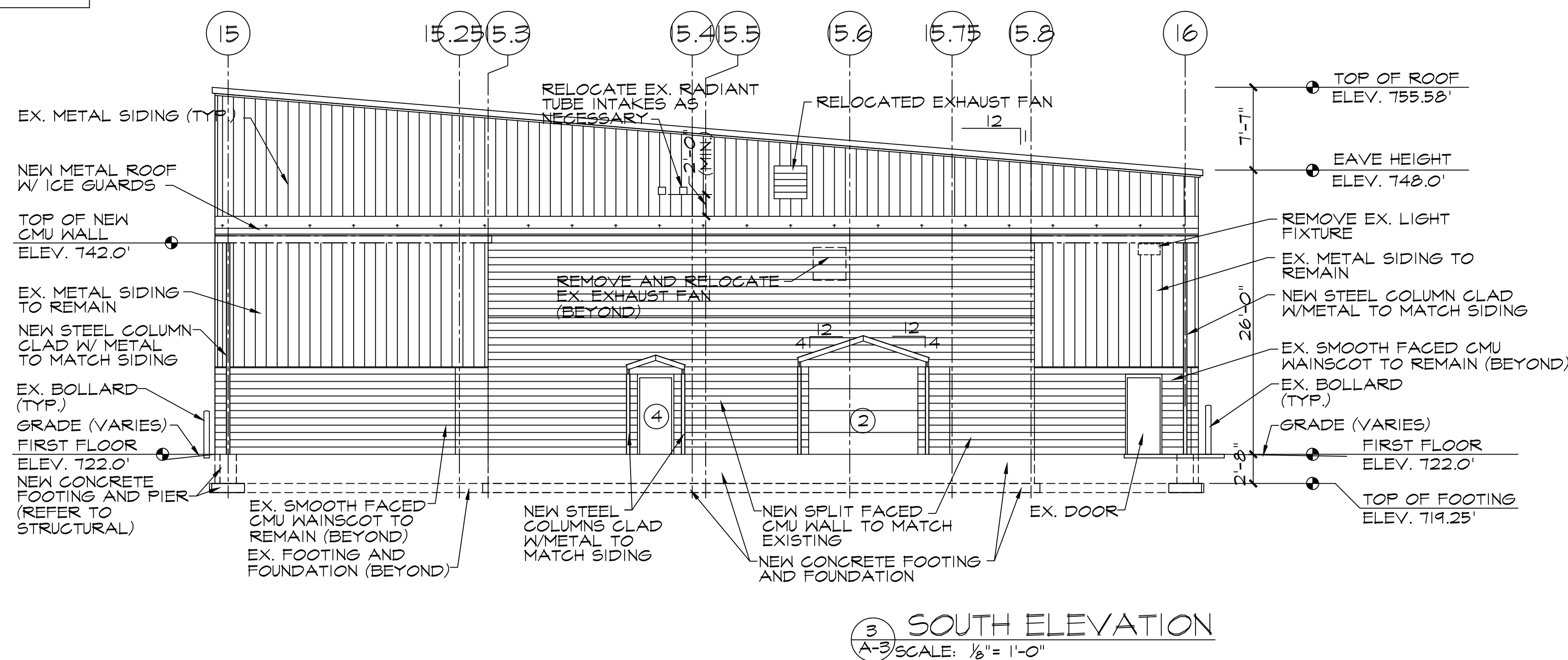
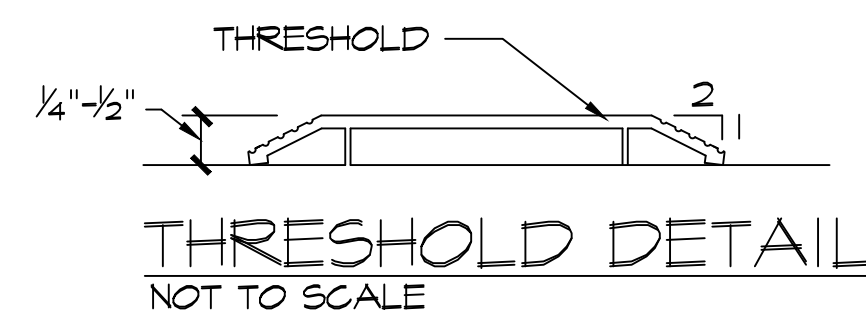
DOOR SCHEDULE											
NO.	DOOR LOCATION	SIZE	DOOR		FRAME				LABEL	HDWR	NOTES
			TYPE	MATERIAL	MATERIAL	HEAD	JAMB	SILL			
1	EQUIPMENT (RM.102)	3'-0"X7'-0"X1 ³ / ₄ "	A	HM	HM					1	
2	EQUIPMENT (RM.102)	10'-0"X8'-0"	B	INS. AL.	-					2	
3	EQUIPMENT (RM.102)	3'-0"X7'-0"X1 ³ / ₄ "	A	HM	HM					1	
4	STAIR (RM.101)	3'-0"X7'-0"X1 ³ / ₄ "	A	HM	HM					4	
5	STAIR (RM.101)	3'-0"X7'-0"X1 ³ / ₄ "	A	HM	HM					1	
6	TRUCK WASH (RM.100)	16'-0"X16'-0"	B	INS. AL.	-					3	
7	TRUCK WASH (RM.100)	16'-0"X16'-0"	B	INS. AL.	-					3	

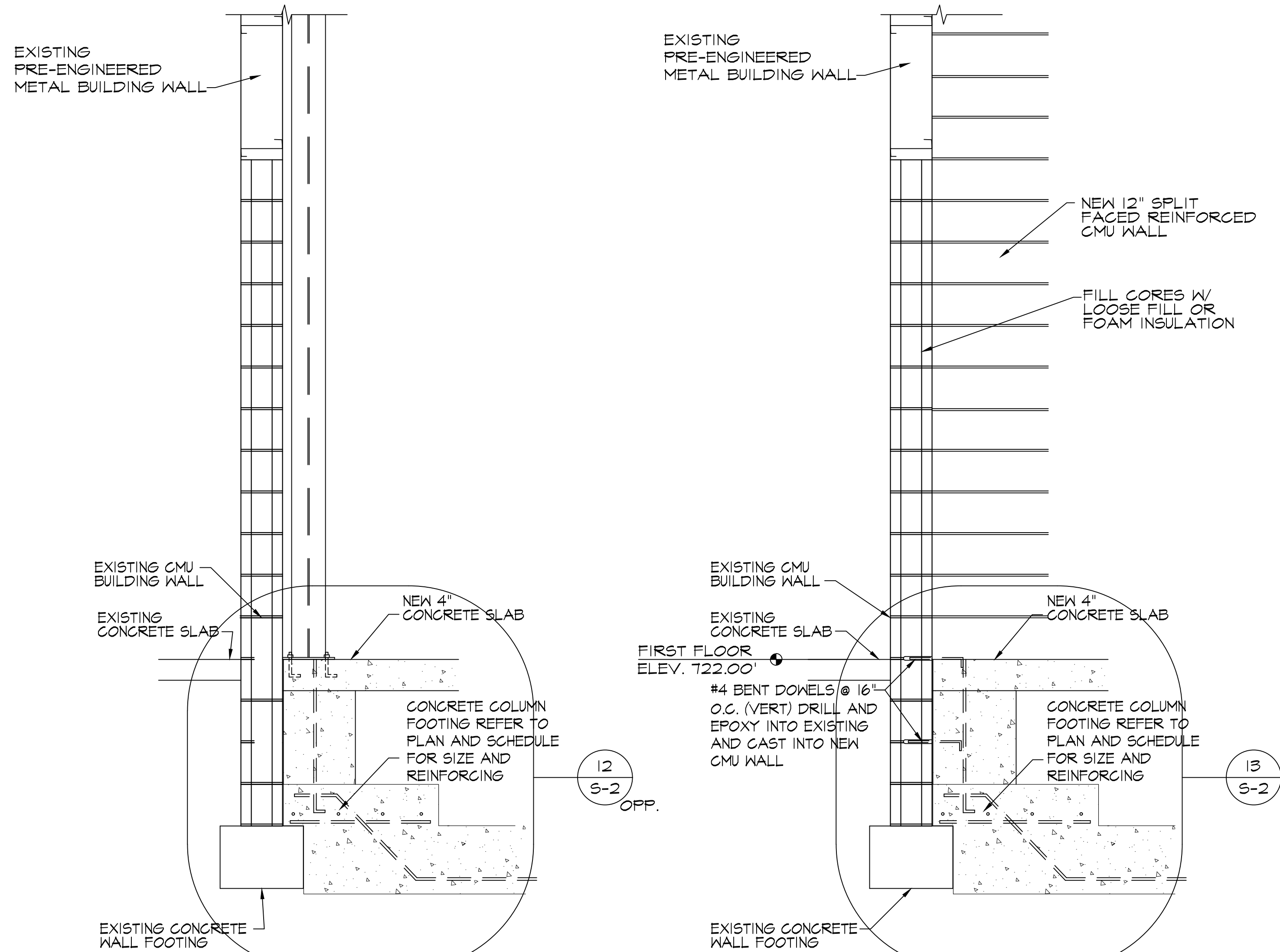
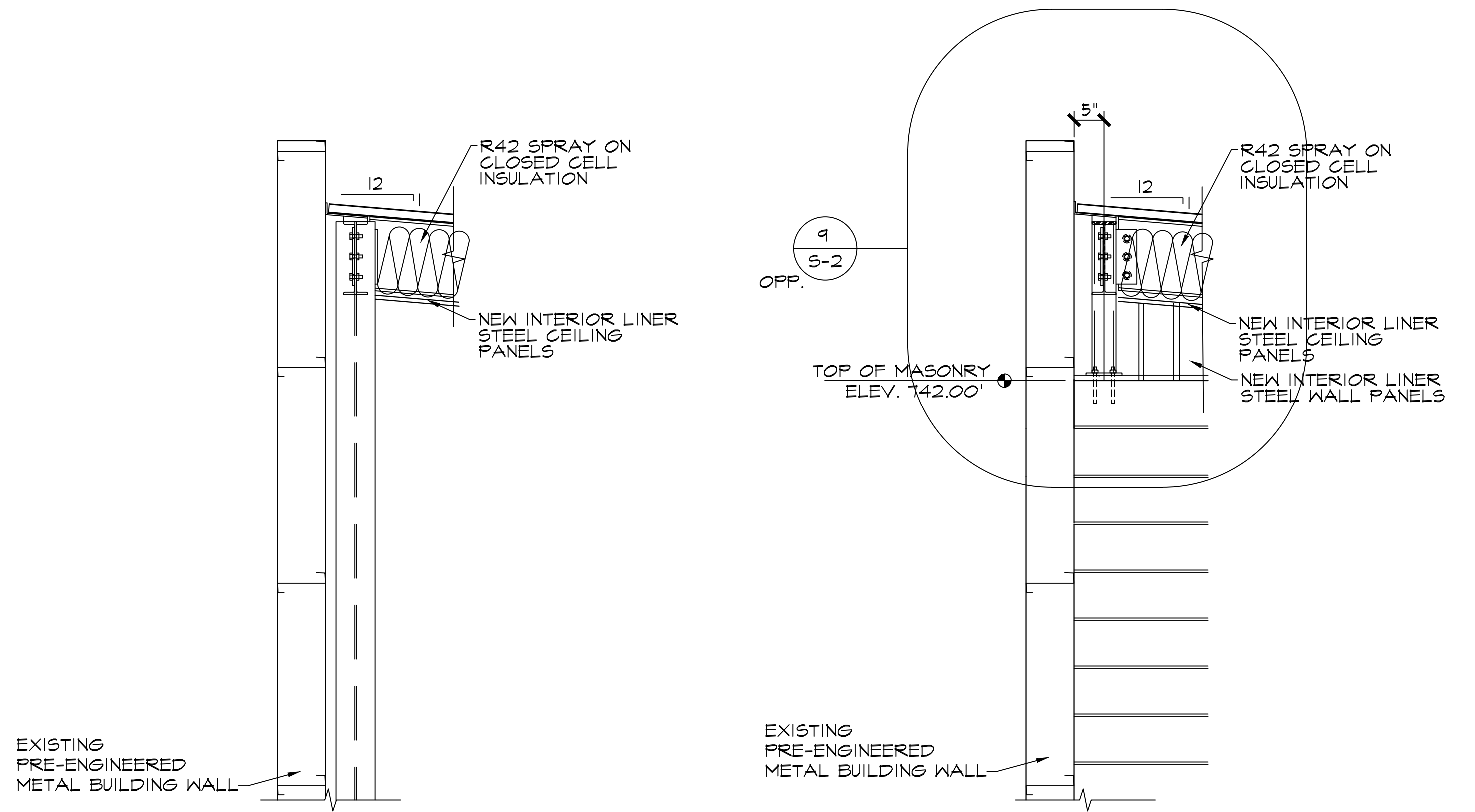
DOOR TYPES:
NOT TO SCALE



HARDWARE SCHEDULE:

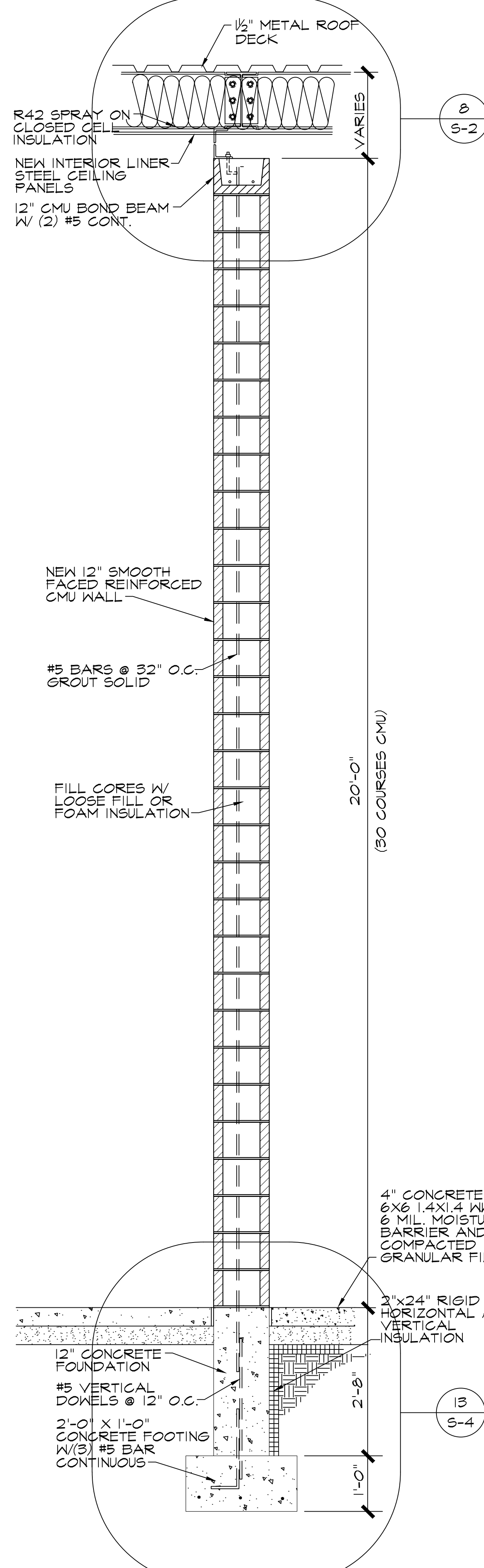
- SET 1:
1/2" PR. HINGES
(1) LEVER PASSAGE SET
(1) THRESHOLD
(1) CLOSURE
- SET 2:
OVERHEAD DOOR TRACKS
DOOR OPERATOR
OVERHEAD DOOR HARDWARE
- SET 3:
VERTICAL LIFT TRACKS
DOOR OPERATOR
OVERHEAD DOOR HARDWARE
- SET 4:
1/2" PR. HINGES
(1) LEVER PASSAGE SET
(1) MORTISE CYLINDER
(1) PANIC BAR



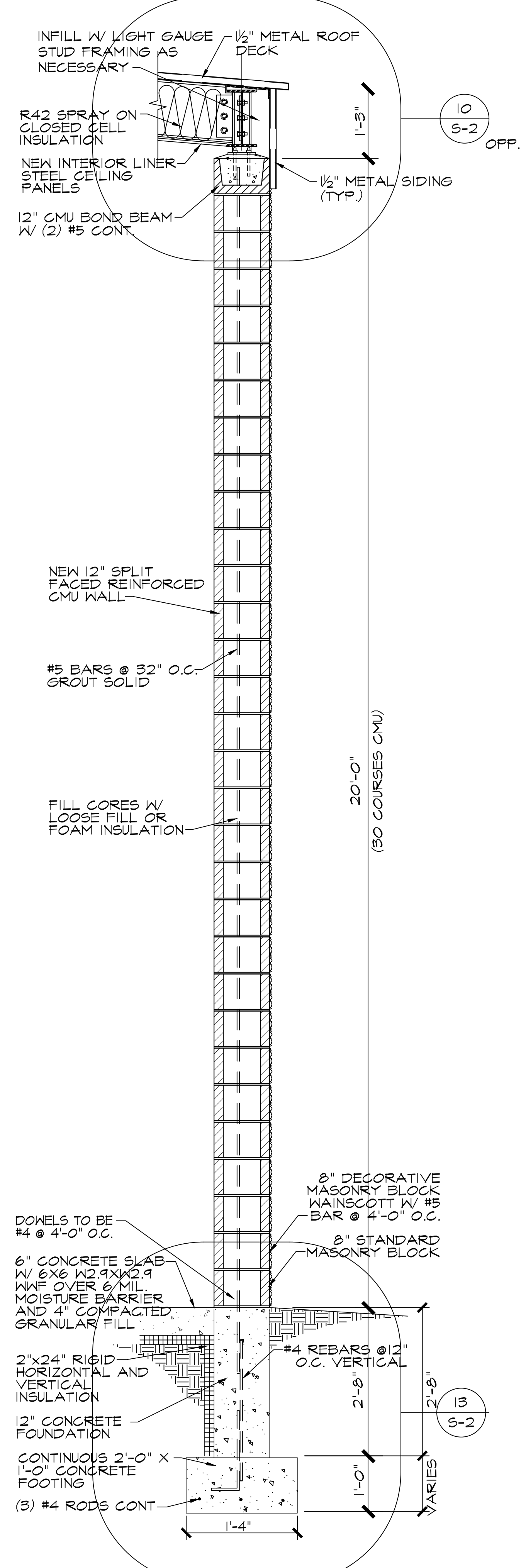


4 WALL SECTION
SCALE: 3/4" = 1'-0"

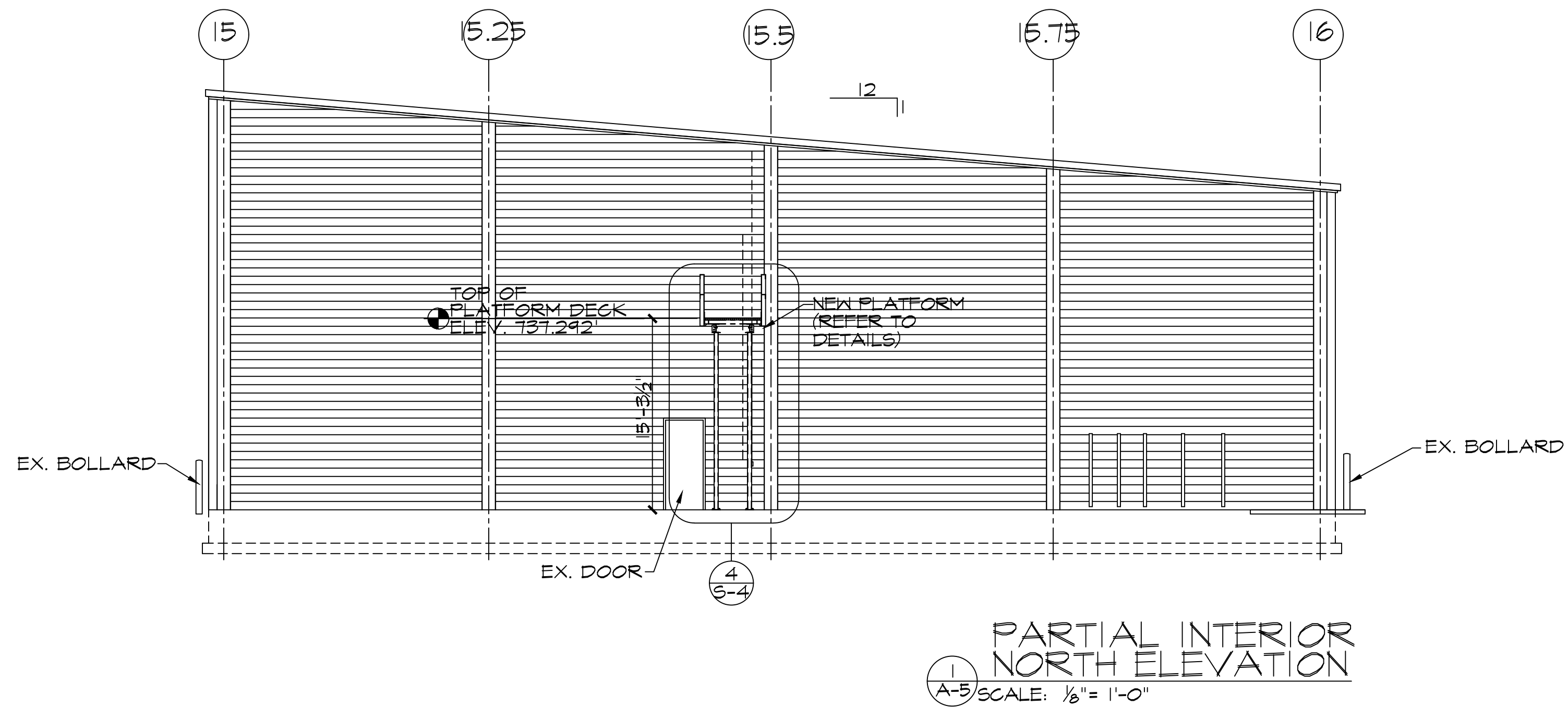
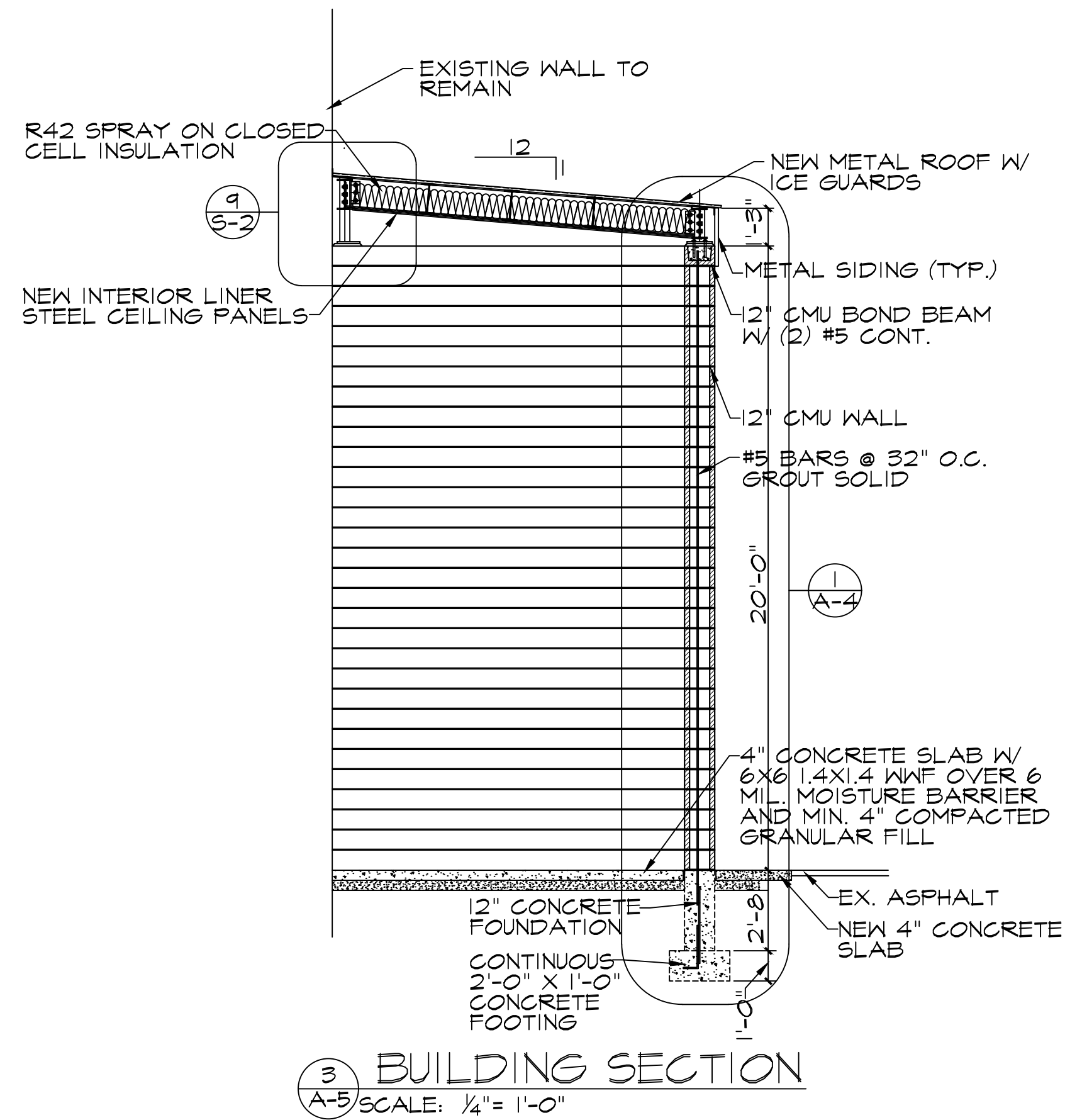
3 WALL SECTION
SCALE: 3/4" = 1'-0"



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



1 WALL SECTION
SCALE: 3/4" = 1'-0"



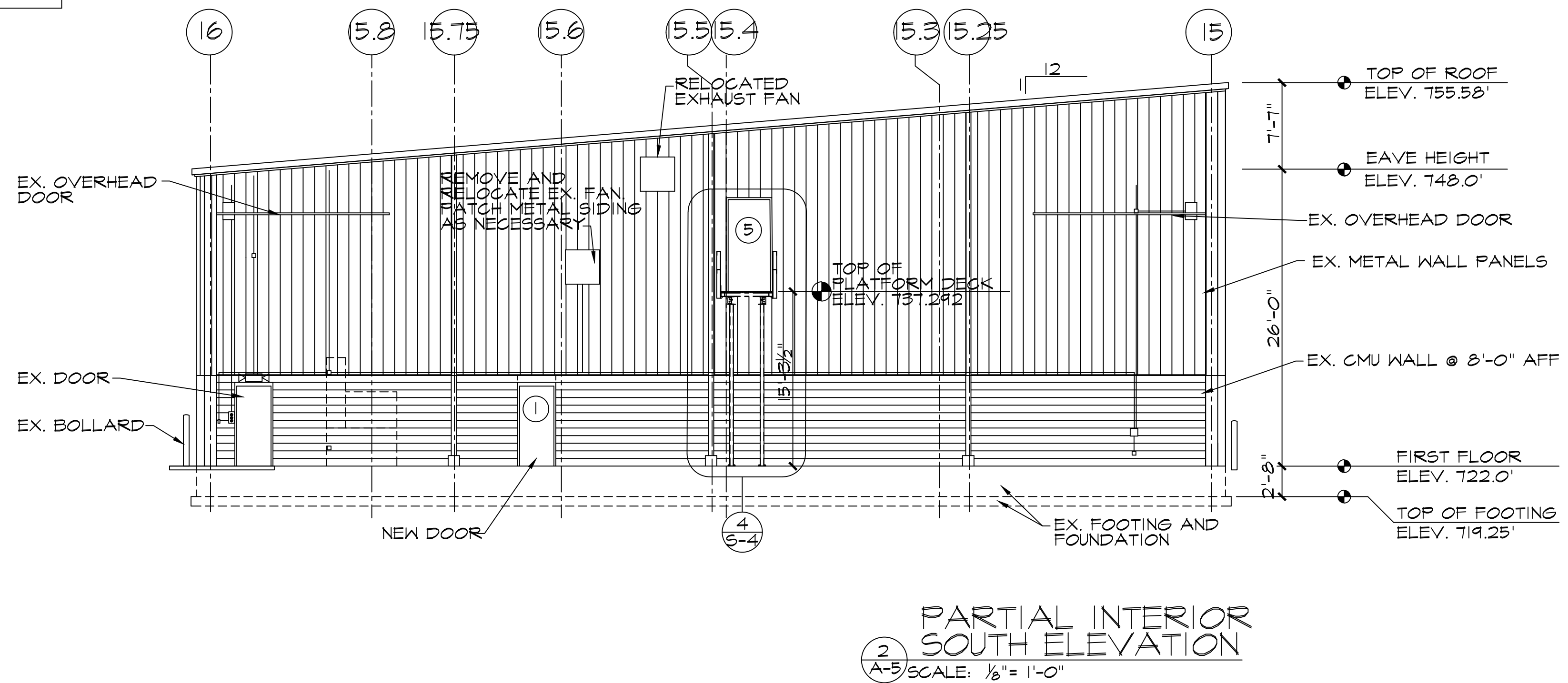
FINISH SCHEDULE										
RM.#	ROOM NAME	CEILING	CLG. HT.	WALLS				FLOORS	BASE	REMARKS
				NORTH	SOUTH	EAST	WEST			
100	TRUCK WASH	EX. METAL	VARIES	PTD-I:	PTD-I:	PTD-I:	PTD-I:	CONC-I	——	
101	STAIR	LINER STL.	20'-0"	EX. SIDING	CMU	CMU	CMU	CONC-I	——	
102	EQUIPMENT	LINER STL.	20'-0"	EX. SIDING	CMU	CMU	CMU	CONC-I	——	

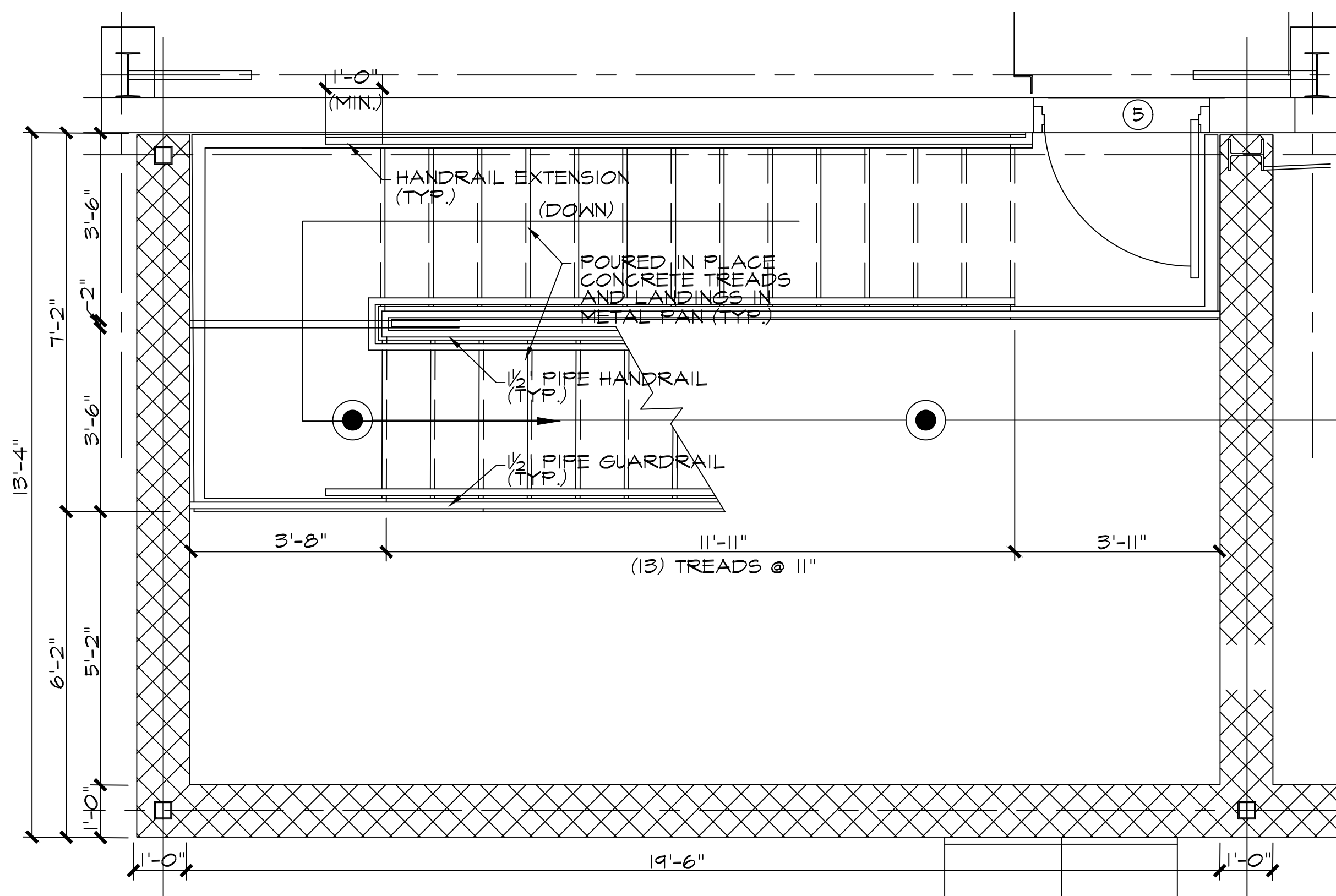
MATERIAL SELECTIONS:

PTD-I: PAINT TO BE (1) COAT PRIMER (1) COAT FINISH. FINISH TO BE EPOXY OR SEMI-GLOSS. COLOR TO BE SELECTED BY OWNER.

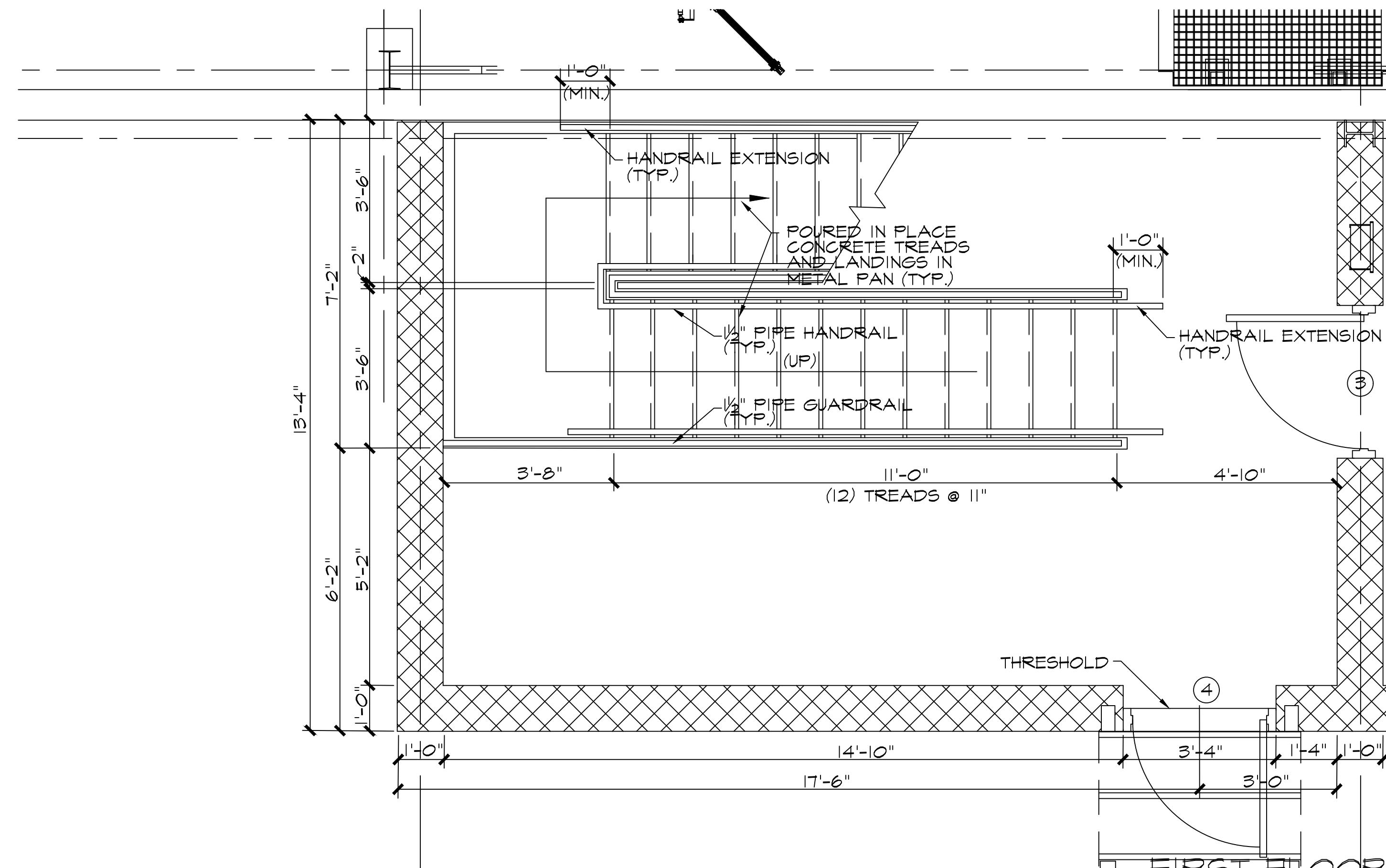
METAL SIDING AND LINER STEEL TO MATCH EXISTING.

CMU TO BE

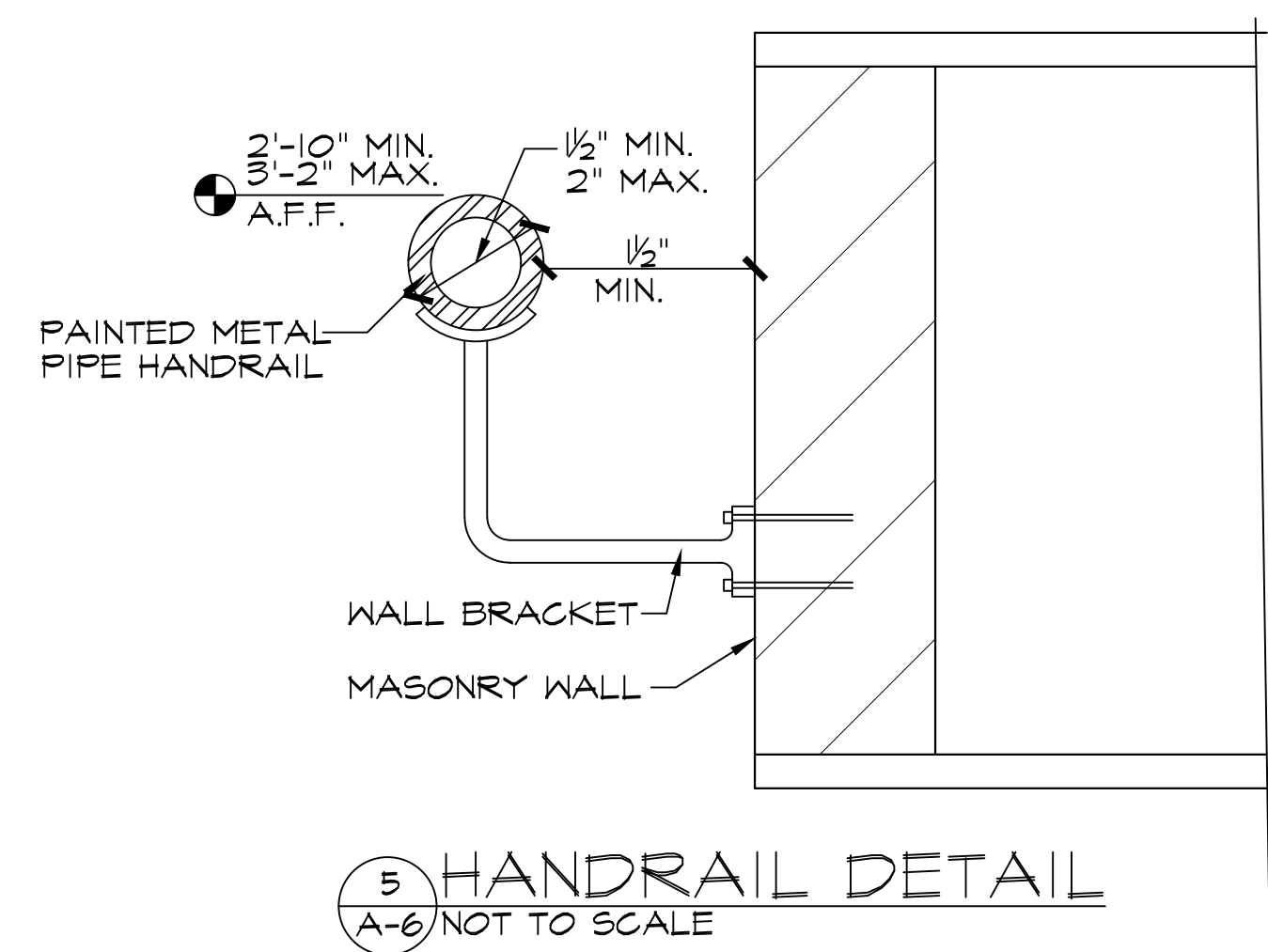




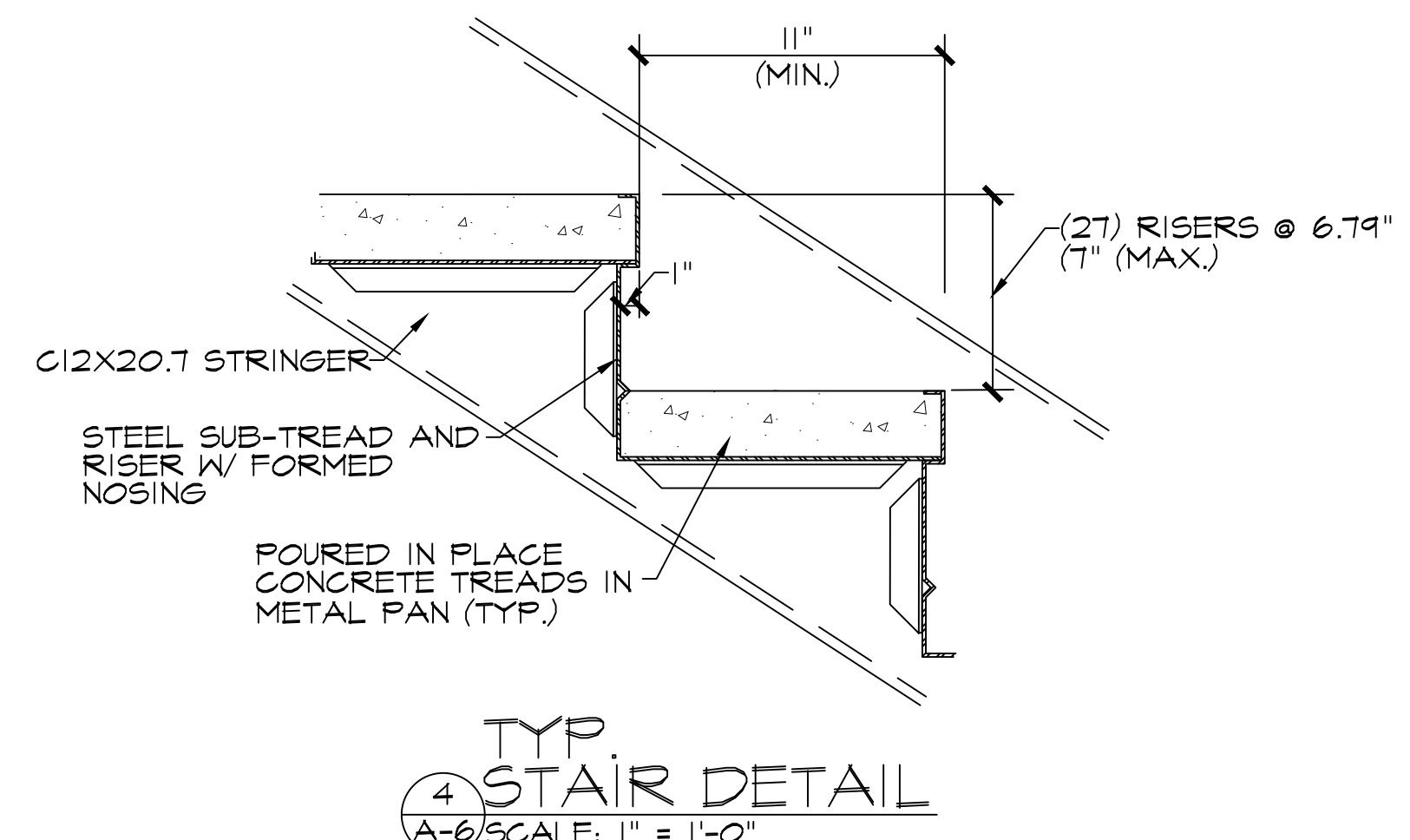
2 MEZZANINE STAIR PLAN
A-6 SCALE: 1/2" = 1'-0"



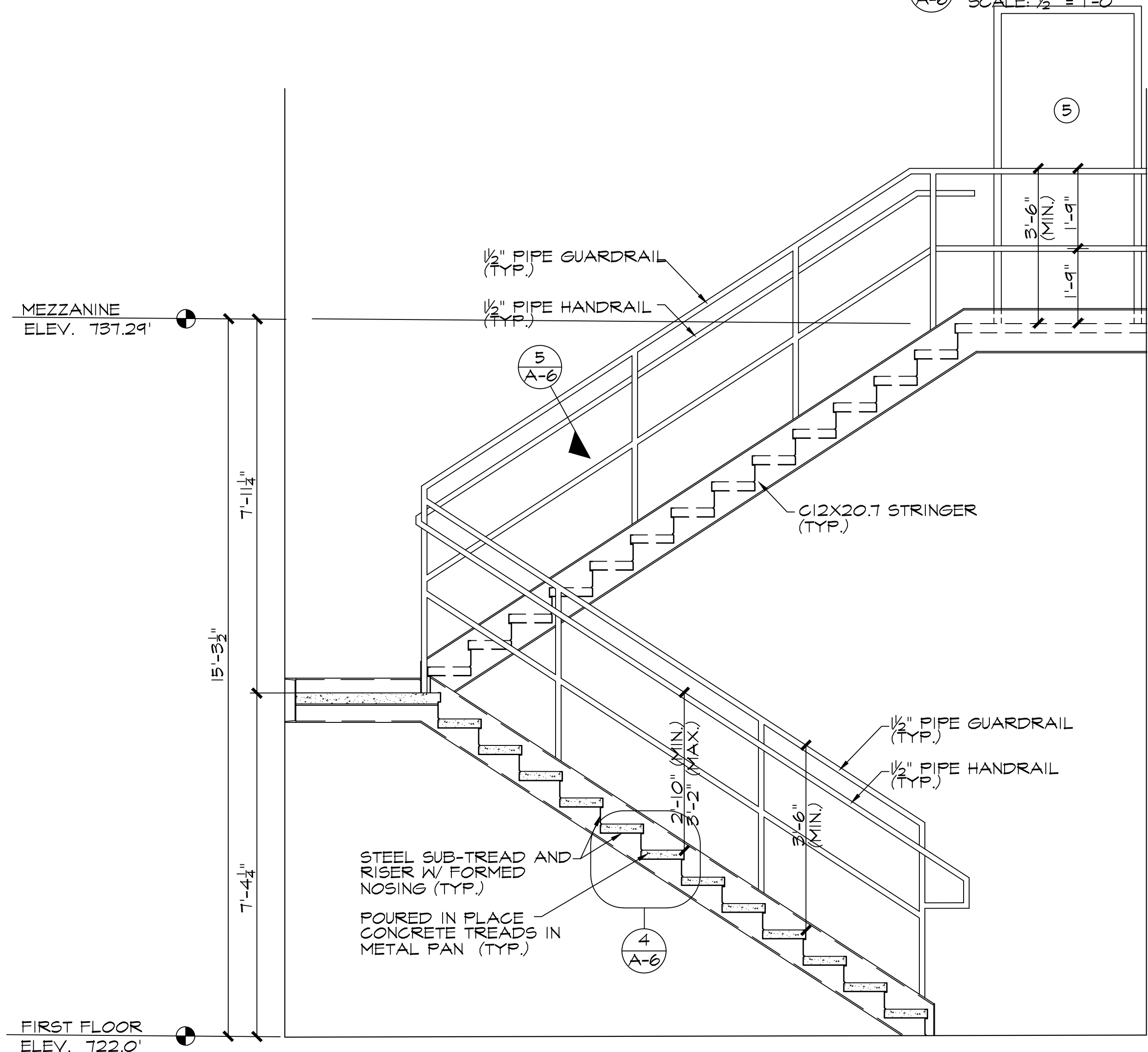
1 FIRST FLOOR STAIR PLAN
A-6 SCALE: 1/2" = 1'-0"



5 HANDRAIL DETAIL
A-6 NOT TO SCALE

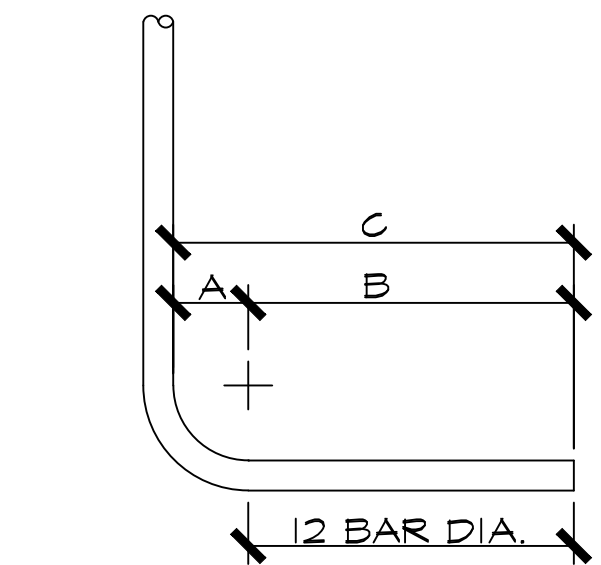


4 TYP STAIR DETAIL
A-6 SCALE: 1" = 1'-0"

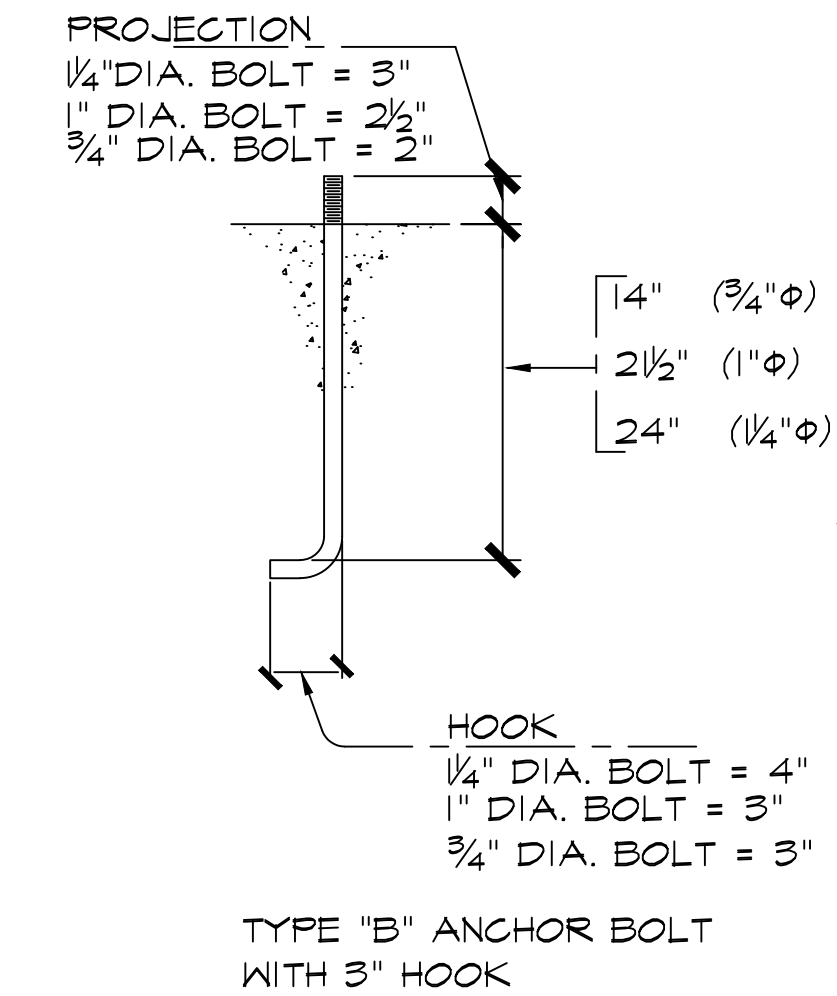


3 STAIR SECTION
A-6 NOT TO SCALE

BAR SIZE	A	B	C
#3	1 1/8"	4 1/2"	5 5/8"
#4	1 1/2"	6"	7 1/2"
#5	1 7/8"	7 1/2"	9 3/8"
#6	2 1/4"	9"	11 1/4"
#7	2 5/8"	10 1/2"	13 1/8"



HOOK SCHEDULE
SCALE: NONE



ANCHOR BOLT
SCALE: NONE

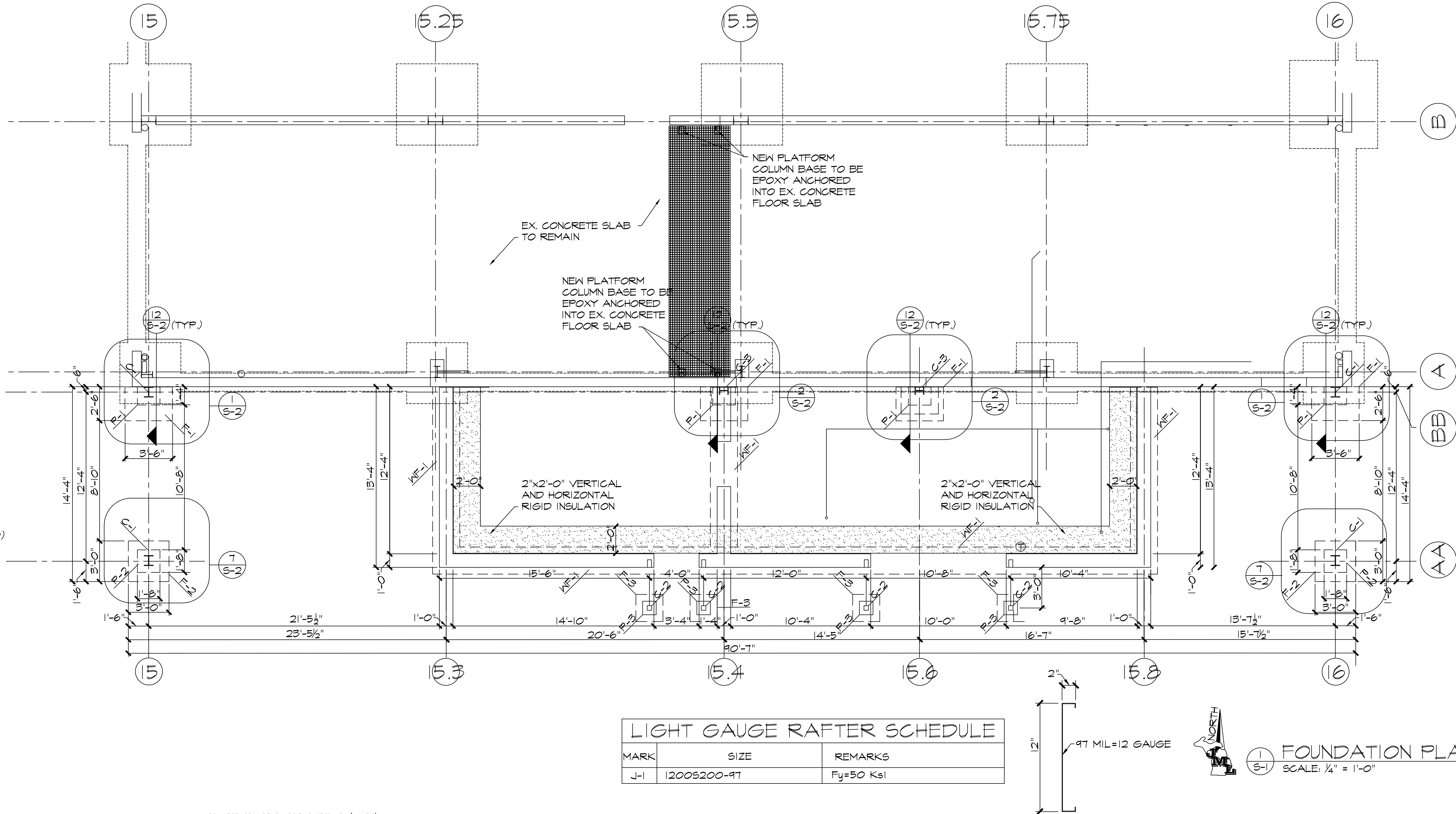
GENERAL NOTES:

CONCRETE DESCRIPTION

- CONCRETE FOOTINGS ARE DESIGNED FOR A SOIL BEARING PRESSURE OF 2500 PSF. VERIFY SITE CONDITIONS. SOIL NOT MEETING THIS REQUIREMENT SHALL BE REPLACED BELOW FOUNDATIONS AND BUILDING SLABS WITH ENGINEERED FILL AND COMPACTED TO 95% OF THE MODIFIED PROCTOR VALUE. DEPTH OF ENGINEERED FILL SHALL BE DETERMINED BY ENCOUNTERED SITE CONDITIONS.
- ALL REINFORCING SHALL CONSIST OF DEFORMED BARS, GRADE 60 KSI, CONFORMING TO ASTM A615. ALL WIRE FABRIC SHALL CONSIST OF WELDED, SMOOTH WIRE FABRIC CONFORMING TO ASTM A185.
- ALL ANCHOR BOLTS MUST BE SET BY MEANS OF A TEMPLATE. ALL BOLTS SHALL BE ASTM GRADE A307, FOR TYPE SEE ANCHOR BOLT DETAILS. DO NOT HAND SET!
- RUN CONTINUOUS FOOTING REINFORCEMENT THROUGH COLUMN FOUNDATIONS. DO NOT BREAK CONTINUITY AT COLUMN LOCATIONS. MATS IN COLUMN FOUNDATION PADS MUST BE SET ON BRICK CHAIRS TO ASSURE PLACEMENT IN PADS AS SHOWN IN FOOTING DETAILS.
- ALL PIERS AND FOUNDATIONS SHALL BE PLACED ON UNDISTURBED SOIL OR COMPACTED TO 95% OF THE MODIFIED PROCTOR VALUE.
- ALL CONCRETE MATERIAL AND INSTALLATION SHALL CONFORM TO ACI 318-95, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE.
- ALL EXTERIOR CONCRETE EXPOSED TO WEATHER SHALL HAVE A 28 DAY COMPRESSIVE STRENGTH OF 4,000 PSI MIN. W/ 5 1/2% AIR ENTRAINMENT. ALL CONCRETE USED IN FOUNDATIONS SHALL HAVE A MIN. 28 DAY COMPRESSIVE STRENGTH OF 3,000 PSI MIN., ALL INTERIOR CONC. SLABS 4,000 PSI.
- DO NOT SCALE PRINTS. CONTACT THE DESIGN DEPARTMENT IF THERE IS A DIMENSIONAL CONFLICT.

CONCRETE MASONRY UNITS (CMU)

- FIELD CONSTRUCTION SHALL CONFORM TO THE REQUIREMENTS OF THE BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES (ACI 530-92).
- ALL HOLLOW, LOAD BEARING CONCRETE MASONRY UNITS (CMU) SHALL CONFORM TO ASTM C-90 CLASS 1 (NORMAL WEIGHT), TYPE 1 (MOISTURE CONTROLLED). (F'M = 1500 PSI FOR ALL BEARING WALLS, UNLESS SPECIFIED OTHERWISE ON THE DRAWINGS)
- MORTAR IN NON-REINFORCED AND REINFORCED CONCRETE MASONRY UNIT WALLS SHALL CONFORM TO ASTM C-270, TYPE S, UNLESS SPECIFIED OTHERWISE ON THE DRAWINGS
- GROUT IN NON- REINFORCED AND REINFORCED CONCRETE UNIT WALLS SHALL CONFORM TO ASTM C-476, FINE OR COARSE GROUT. MINIMUM COMPRESSIVE STRENGTH SHALL BE 2,500 PSI UNLESS SPECIFIED OTHERWISE.
- CONCRETE MASONRY UNITS SHALL MEET THE SPECIFIED FIRE RATING CLASSIFICATION AS REQUIRED BY THE SPECIFIED ULI (UNDERWRITERS LABORATORIES INC.) DESIGN NUMBER.



LIGHT GAUGE RAFTER SCHEDULE		
MARK	SIZE	REMARKS
J-1	1200S200-97	Fy=50 Ksi

COLUMN FOOTING SCHEDULE			
SYM.	SIZE	REINFORCING	NOTES
F-1	3'-6" X 2'-6" X 12"	(5)#5@2'-0" & (4)#5@3'-0"	
F-2	3'-0" X 3'-0" X 12"	(4)#5 EA. WAY	
F-3	2'-0" X 2'-0" X 12"	(3)#5 EA. WAY	

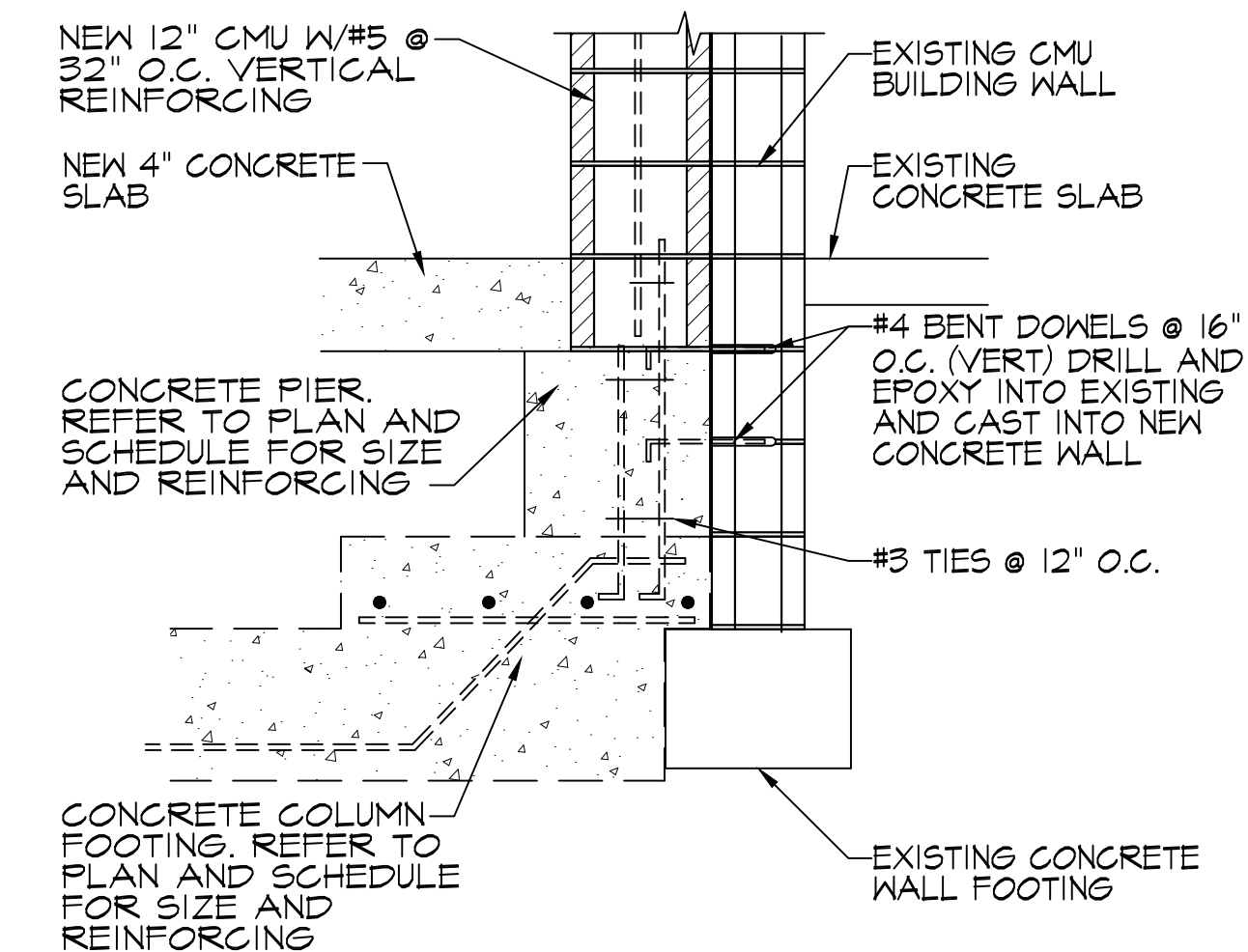
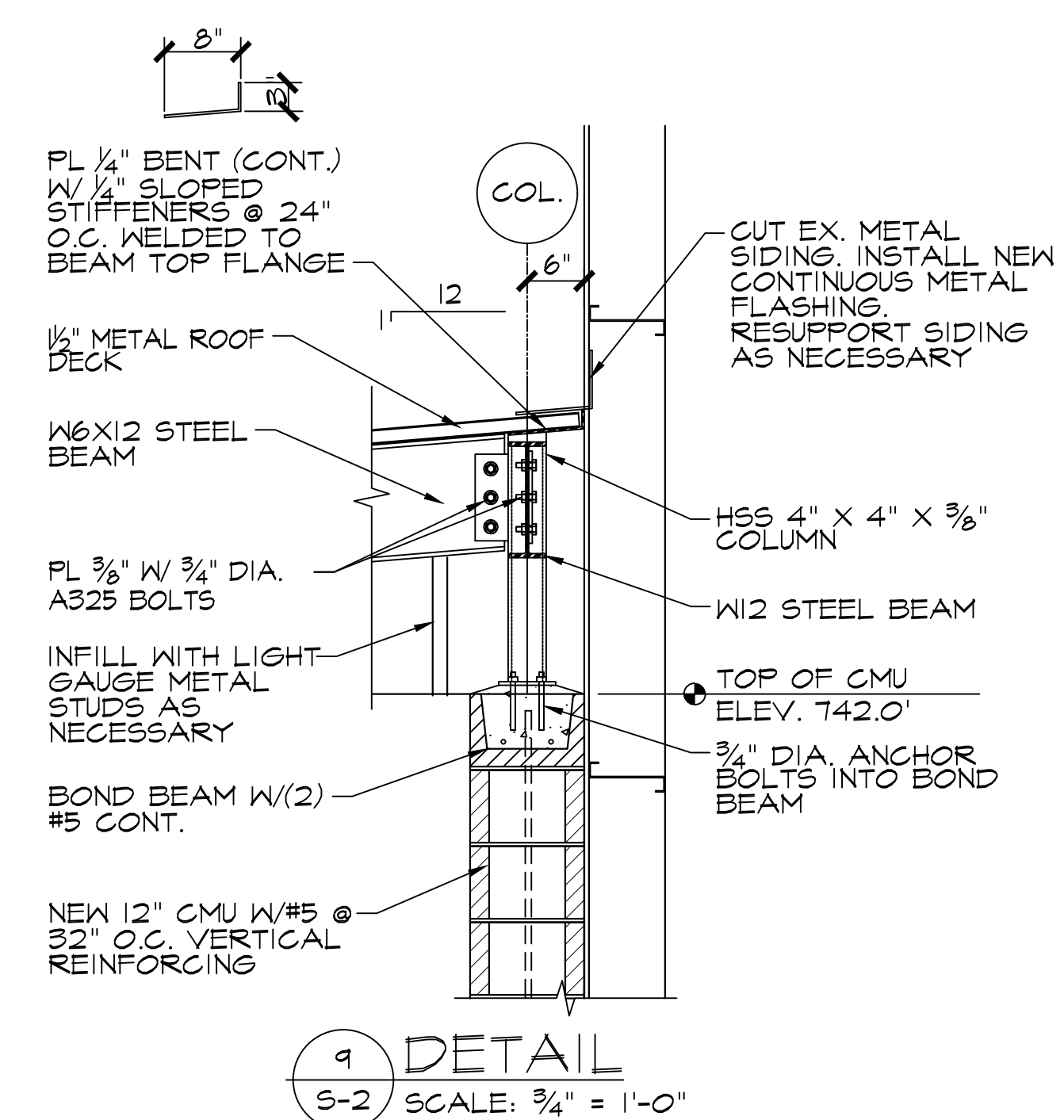
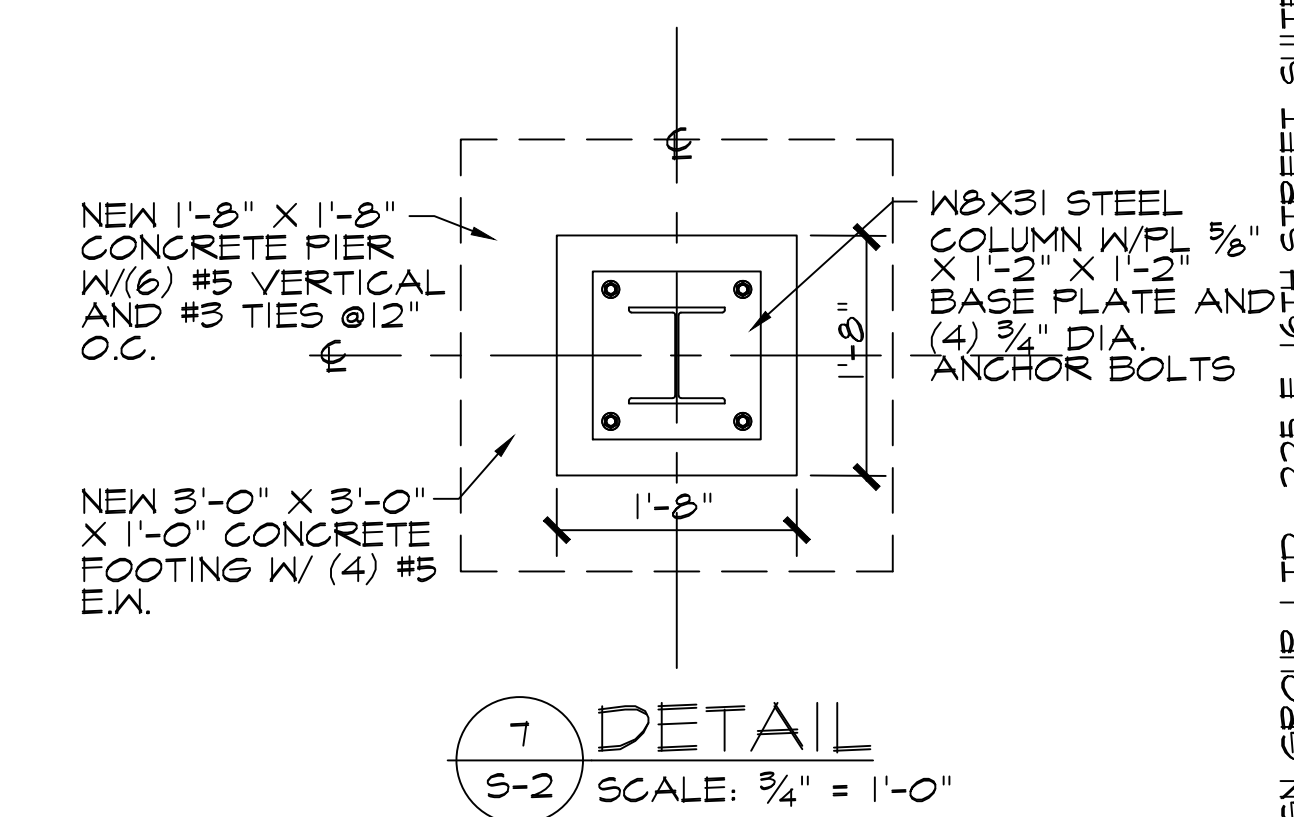
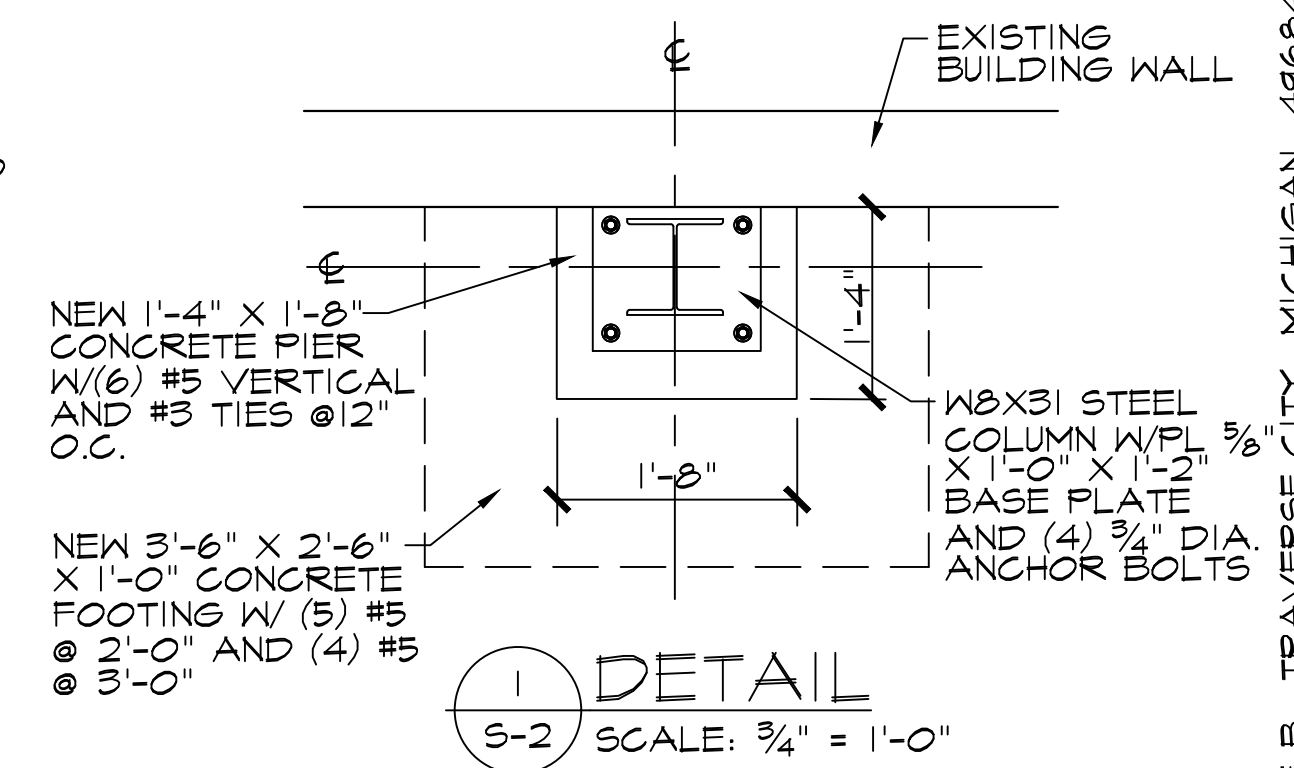
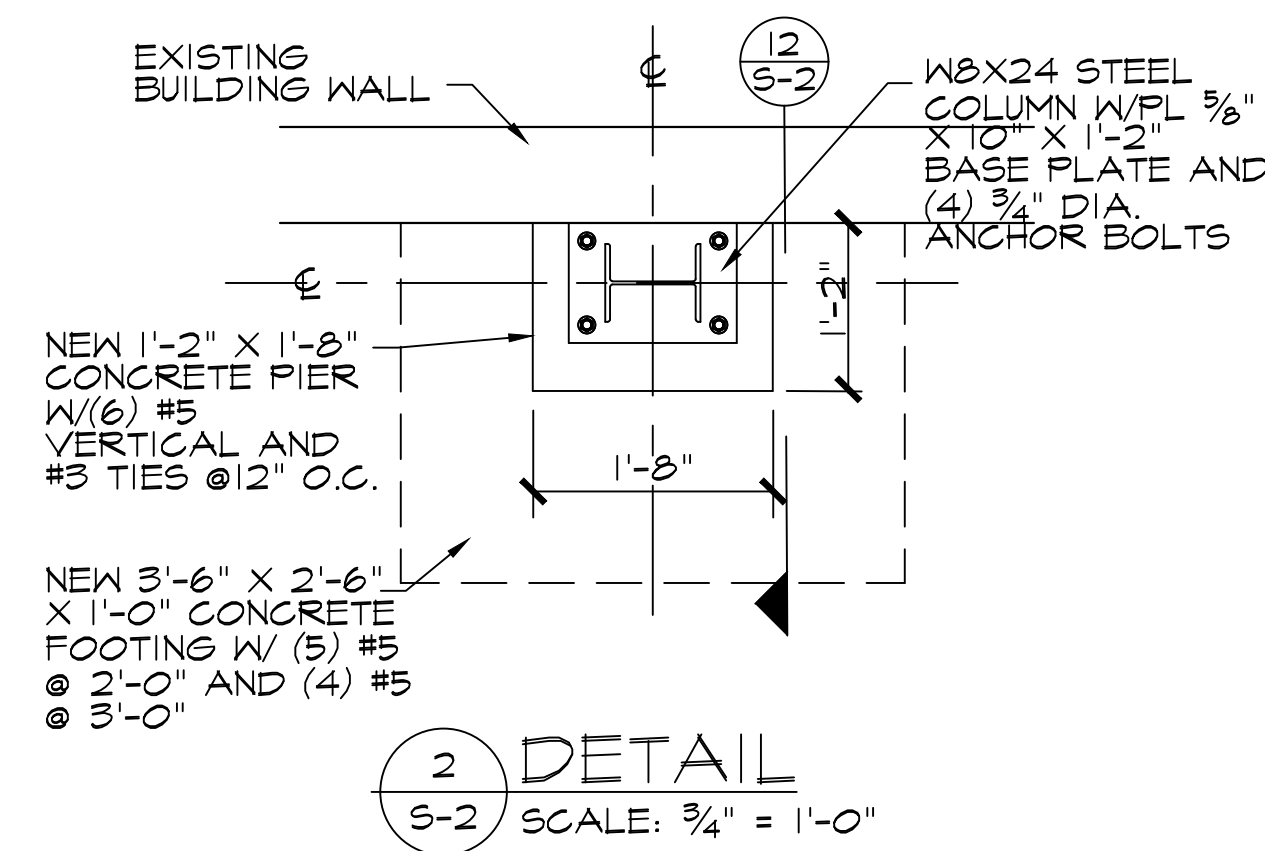
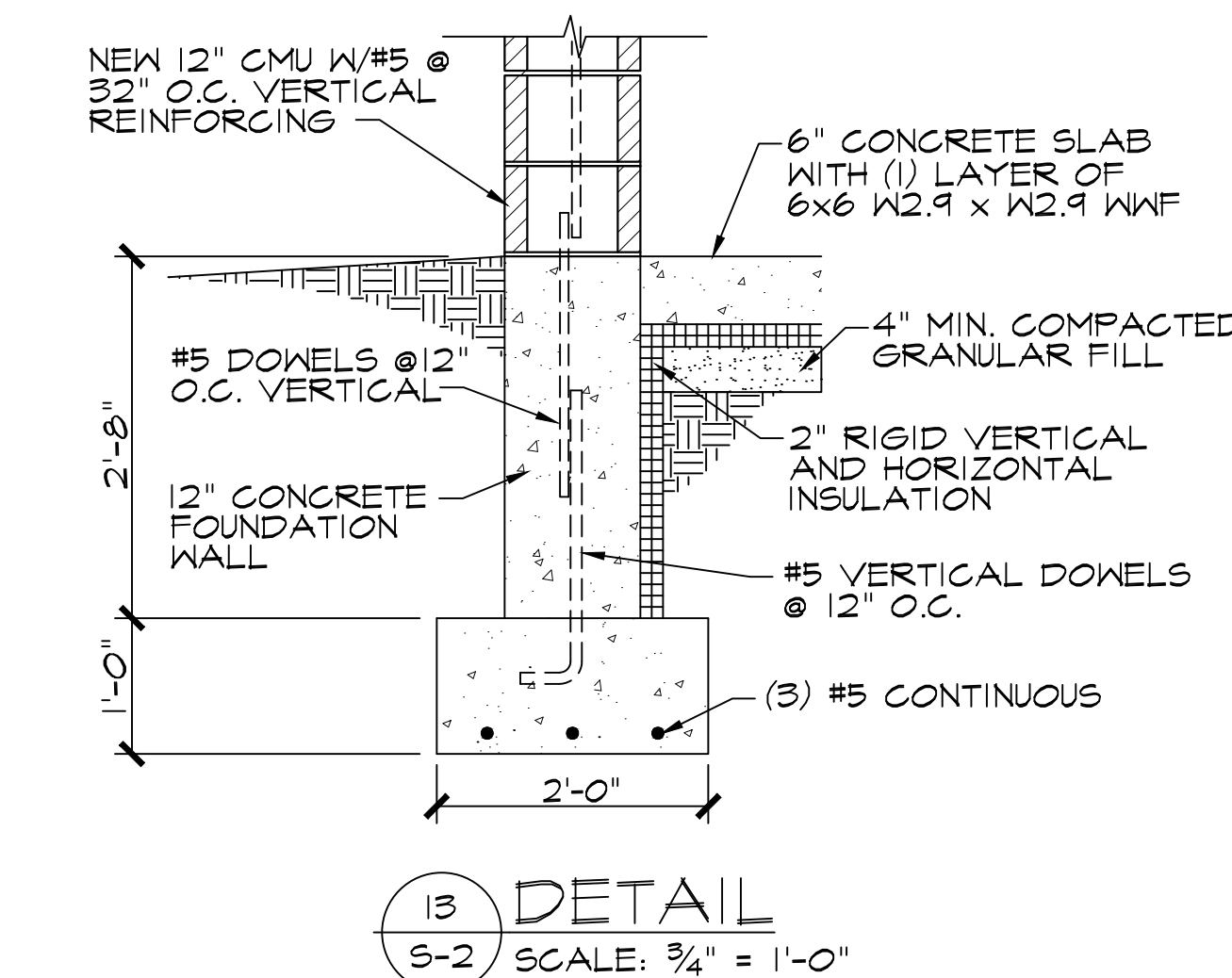
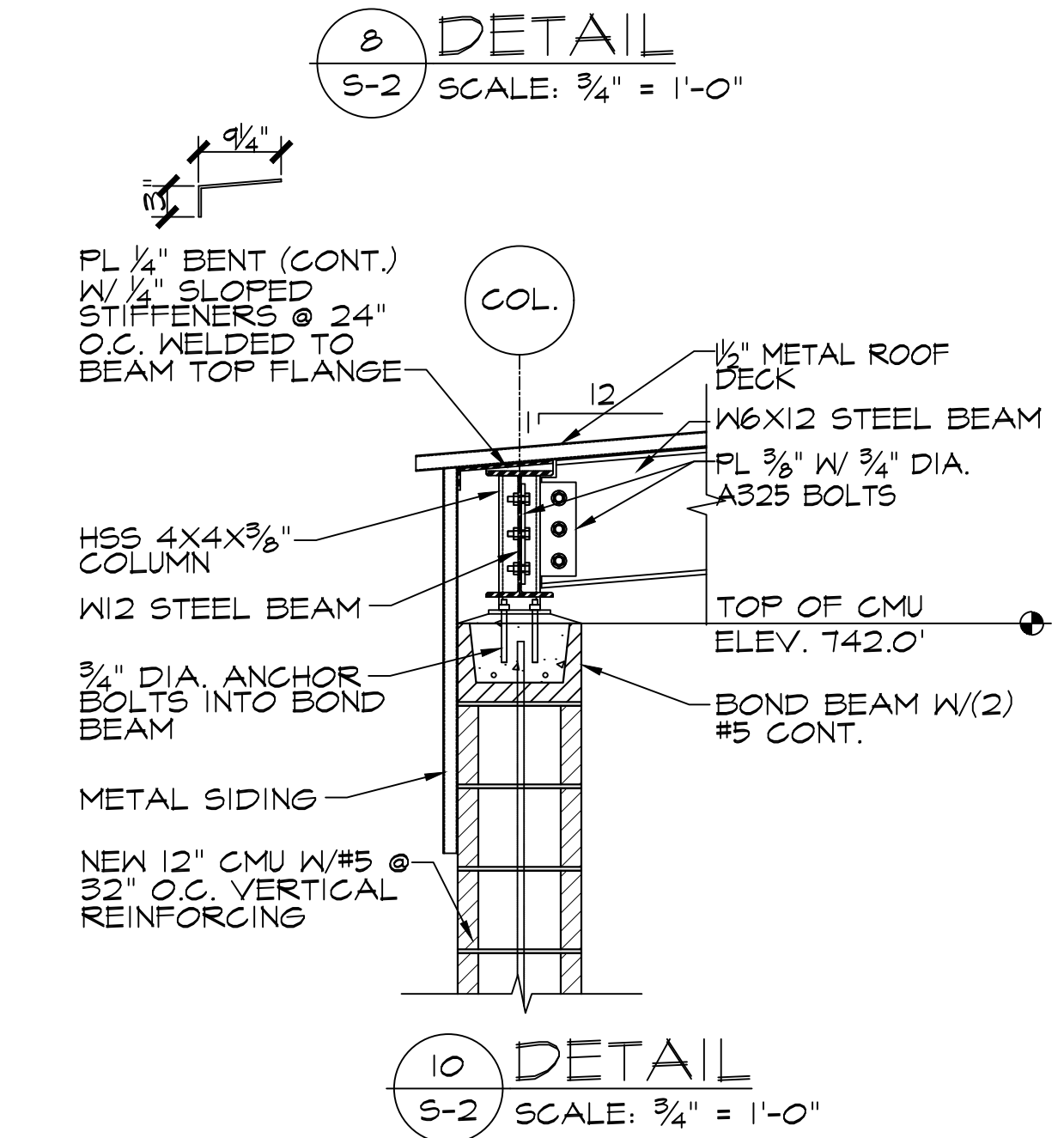
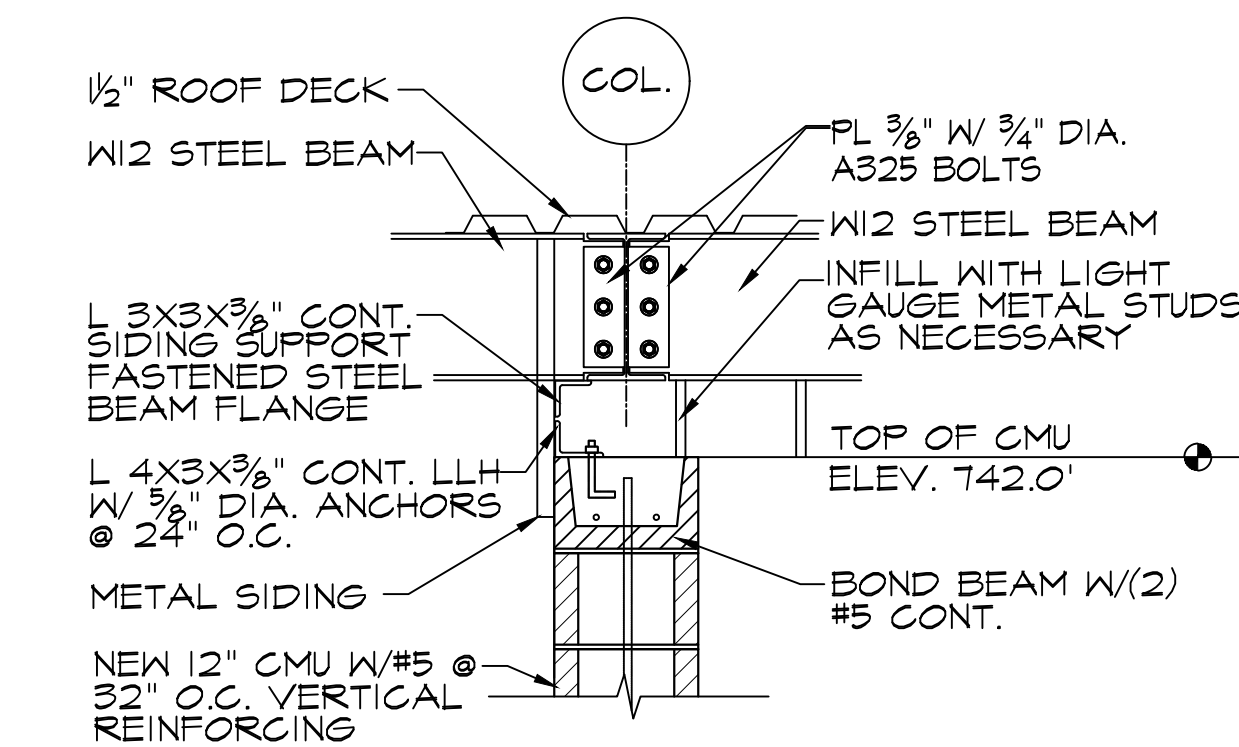
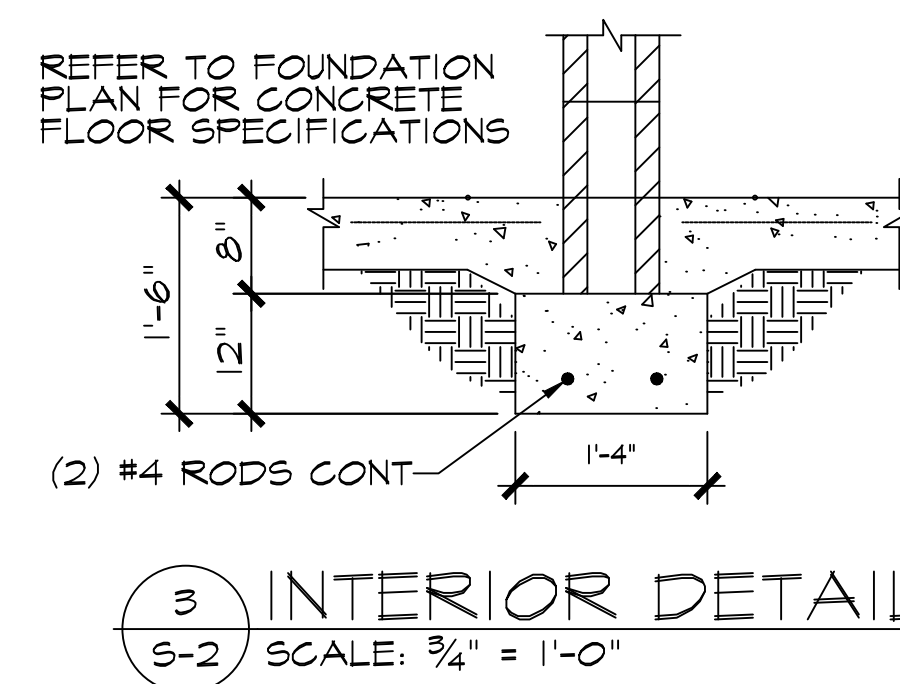
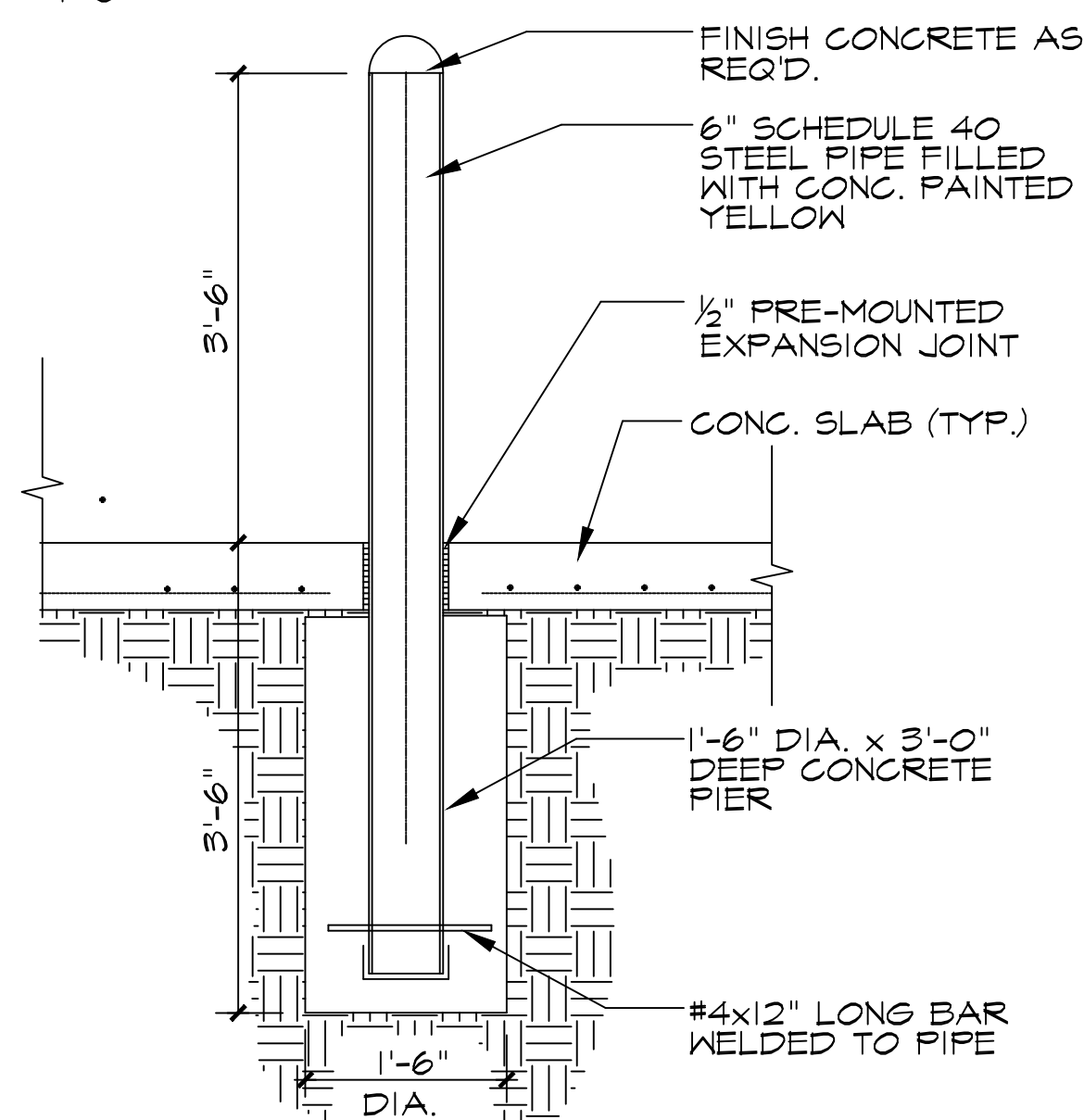
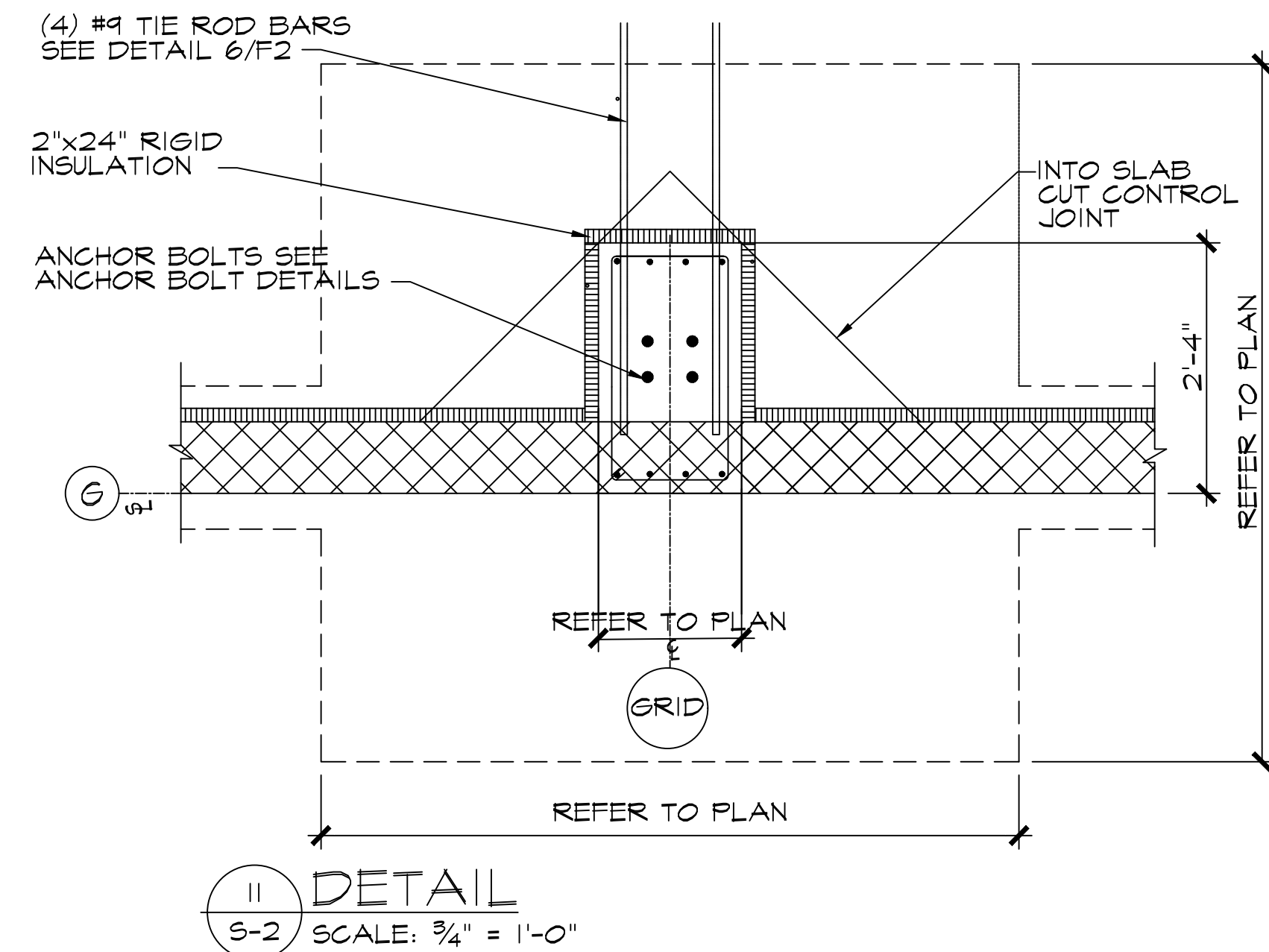
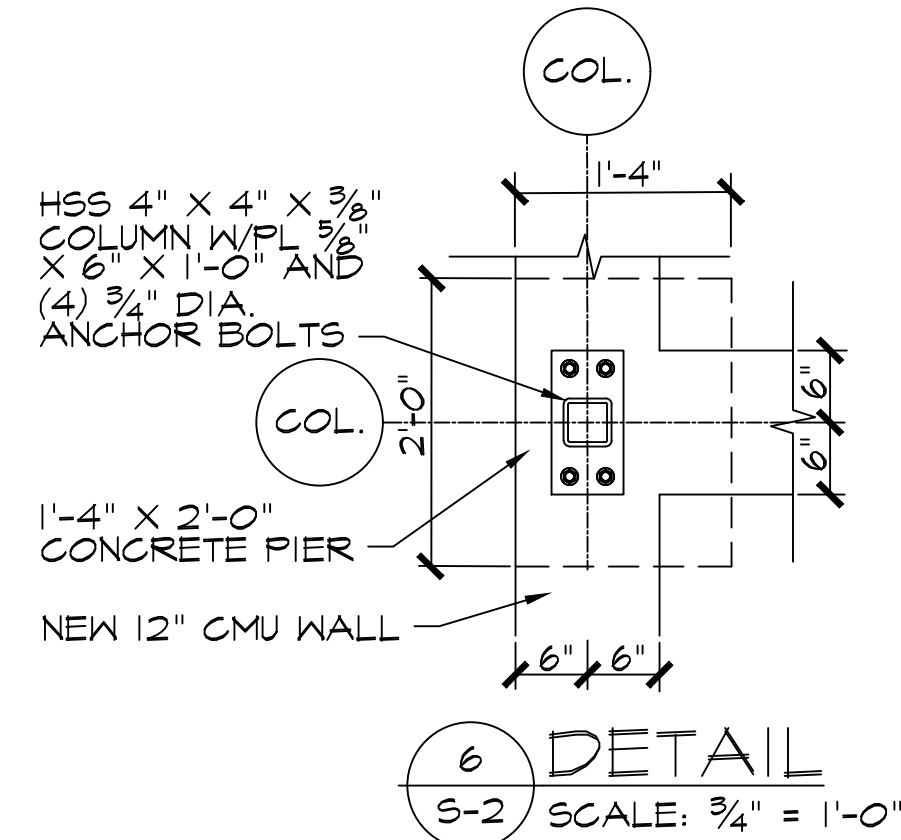
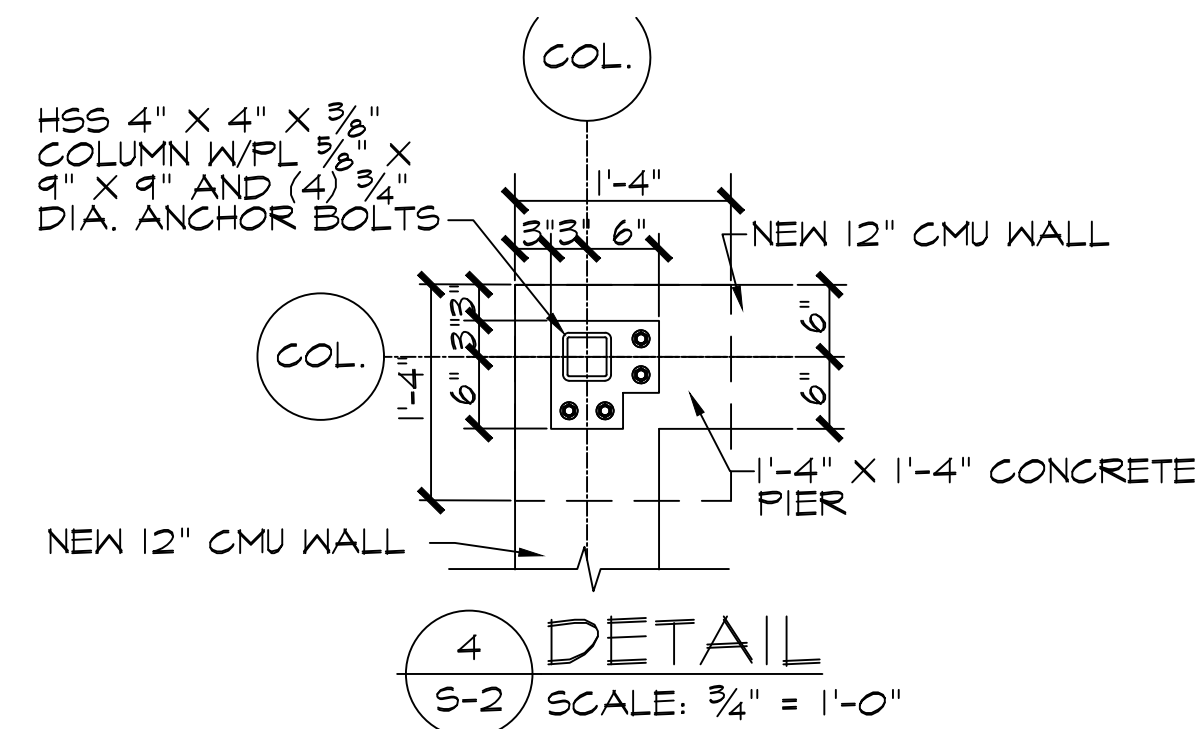
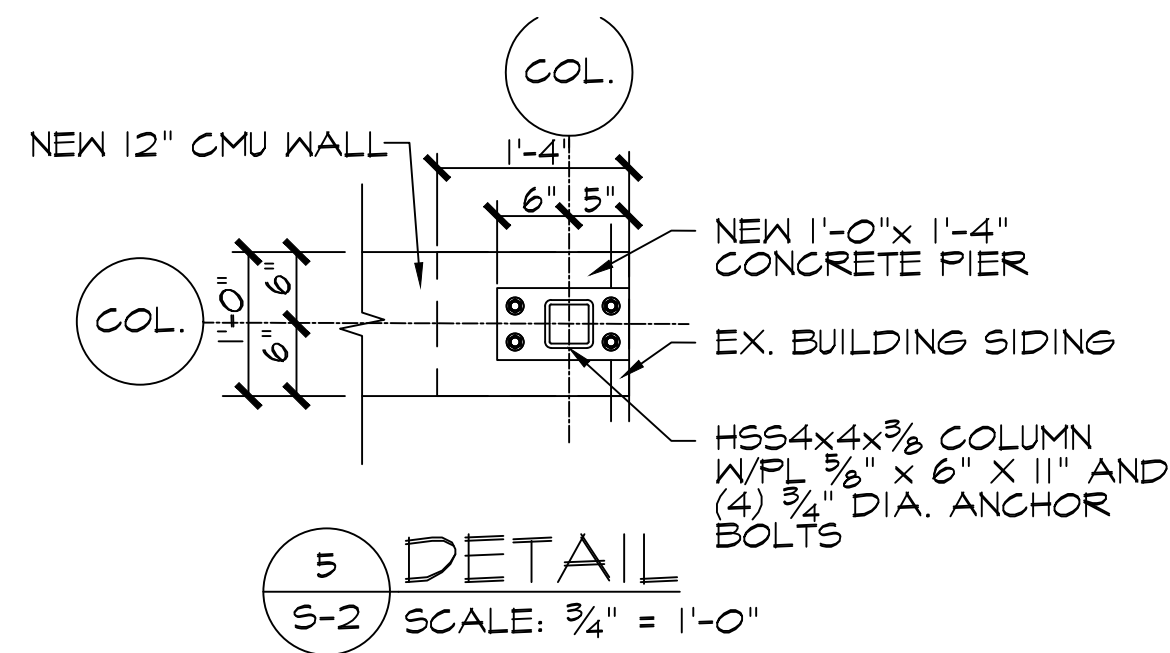
WALL FOOTING SCHEDULE				
SYM.	SIZE		REINFORCING	NOTES
	WIDTH	DEPTH		
WF-1	24"	12"	(3) #5 CONTINUOUS	

PIER SCHEDULE				
SYM.	SIZE	VERT. BARS	TIES	REMARKS
P-1	1'-4" X 1'-8"	(6) #5	#3 @ 12"	
P-2	1'-8" X 1'-8"	(6) #5	#3 @ 12"	
P-3	1'-0" X 1'-0"	(4) #5	#3 @ 12"	

COLUMN SCHEDULE		
SYM.	SIZE	NOTES
C-1	W8X31	
C-2	HSS4X4X3/8"	
C-3	W8X24	

BEAM SCHEDULE		
SYM.	SIZE	NOTES
B-1	W12X22	
B-2	W12X26	
B-3	W12X19	
B-4	1600S300-118	FACE-FACE BOXED Fy=50 Ksi

LINTEL SCHEDULE		
SYM.	SIZE	NOTES
L-1	(3) 4"x3 1/2"x5/8" LLV	
L-2	W16x31 W3/8"x11 1/4" PLATE	



STRUCTURAL
DESIGN DATA:

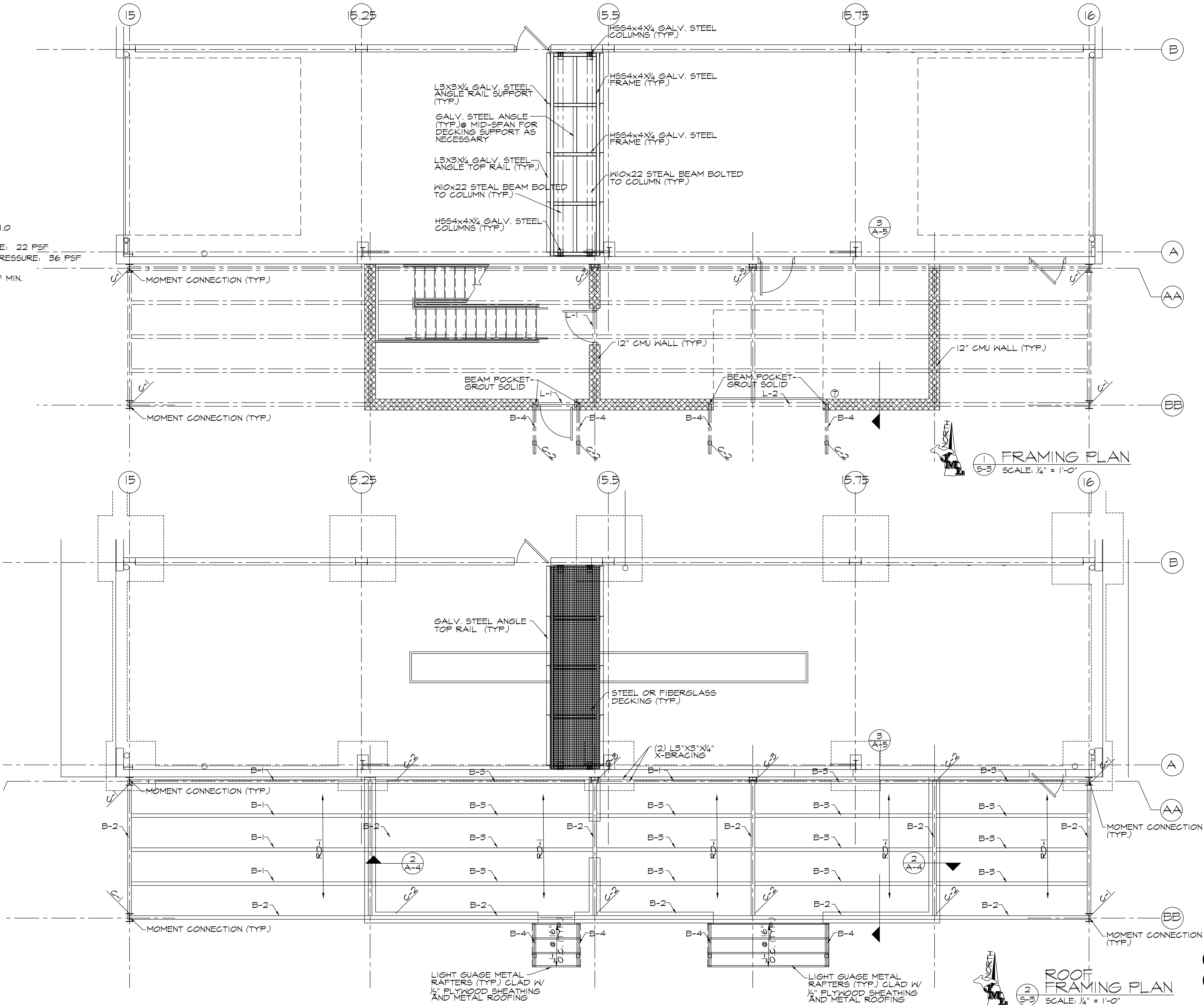
ROOF LIVE LOAD: 20 PSF
GROUND SNOW LOAD: 60 PSF
ROOF DEAD LOAD:

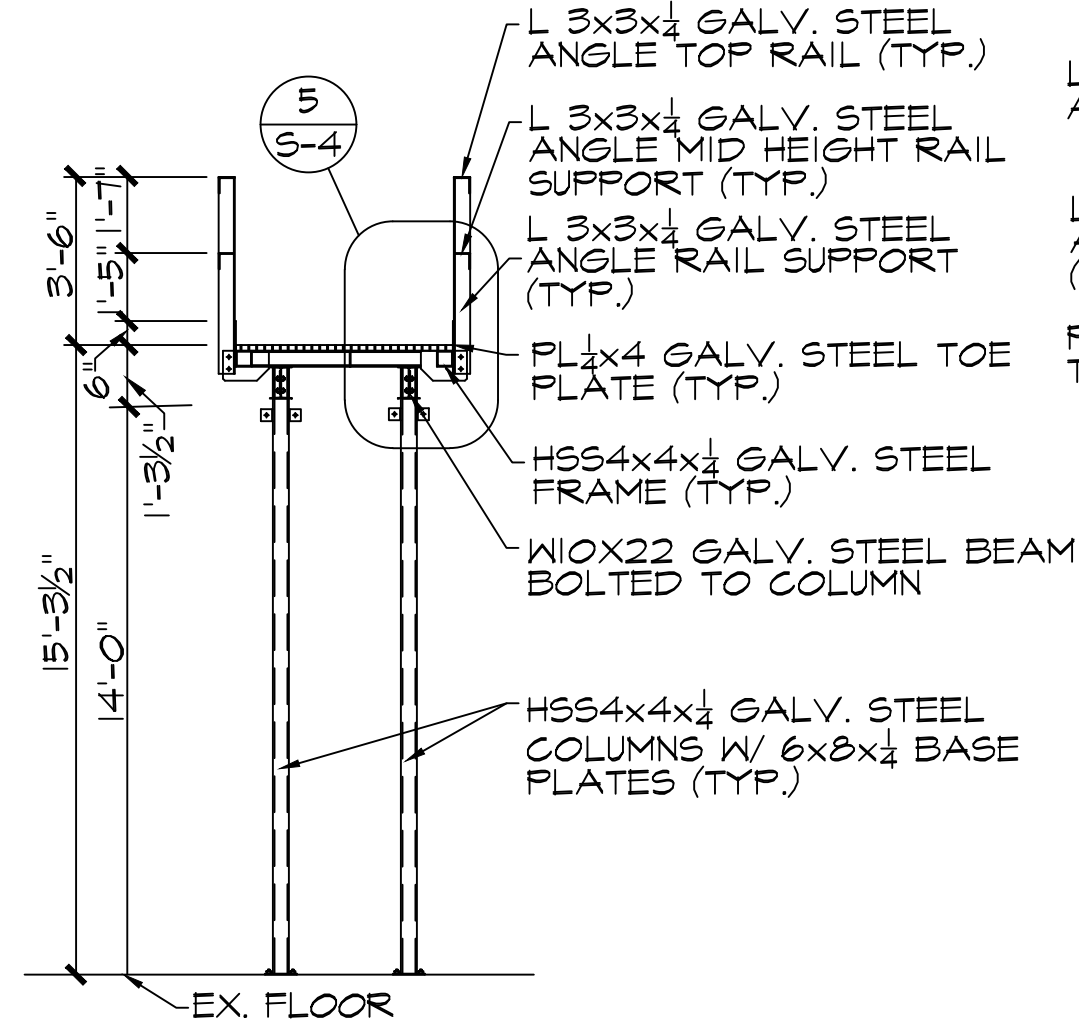
SNOW EXPOSURE FACTOR: 1.0
SNOW LOAD IMPORTANCE: 1.0
THERMAL FACTOR: 1.1

WIND LOADS:

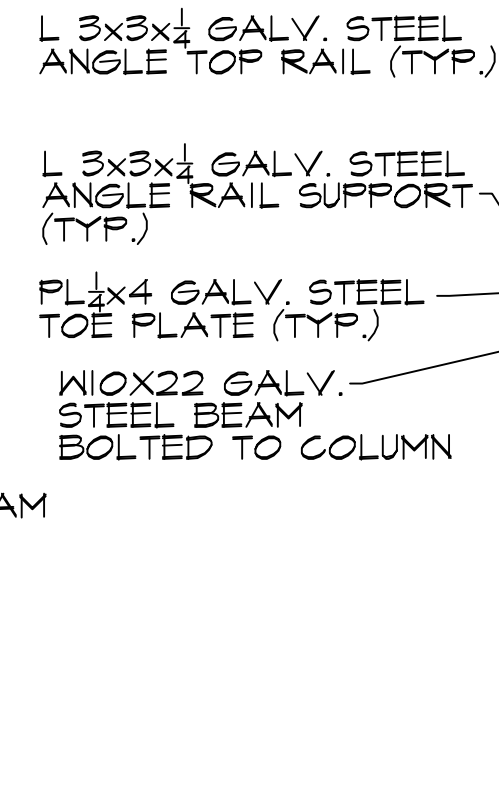
BASIC WIND SPEED 115 MPH, I = 1.0
EXPOSURE C
TYPICAL WIND DESIGN PRESSURE: 22 PSF
COMPONENTS AND CLADDING PRESSURE: 36 PSF

SOIL BEARING TO BE 2,500 PSF MIN.

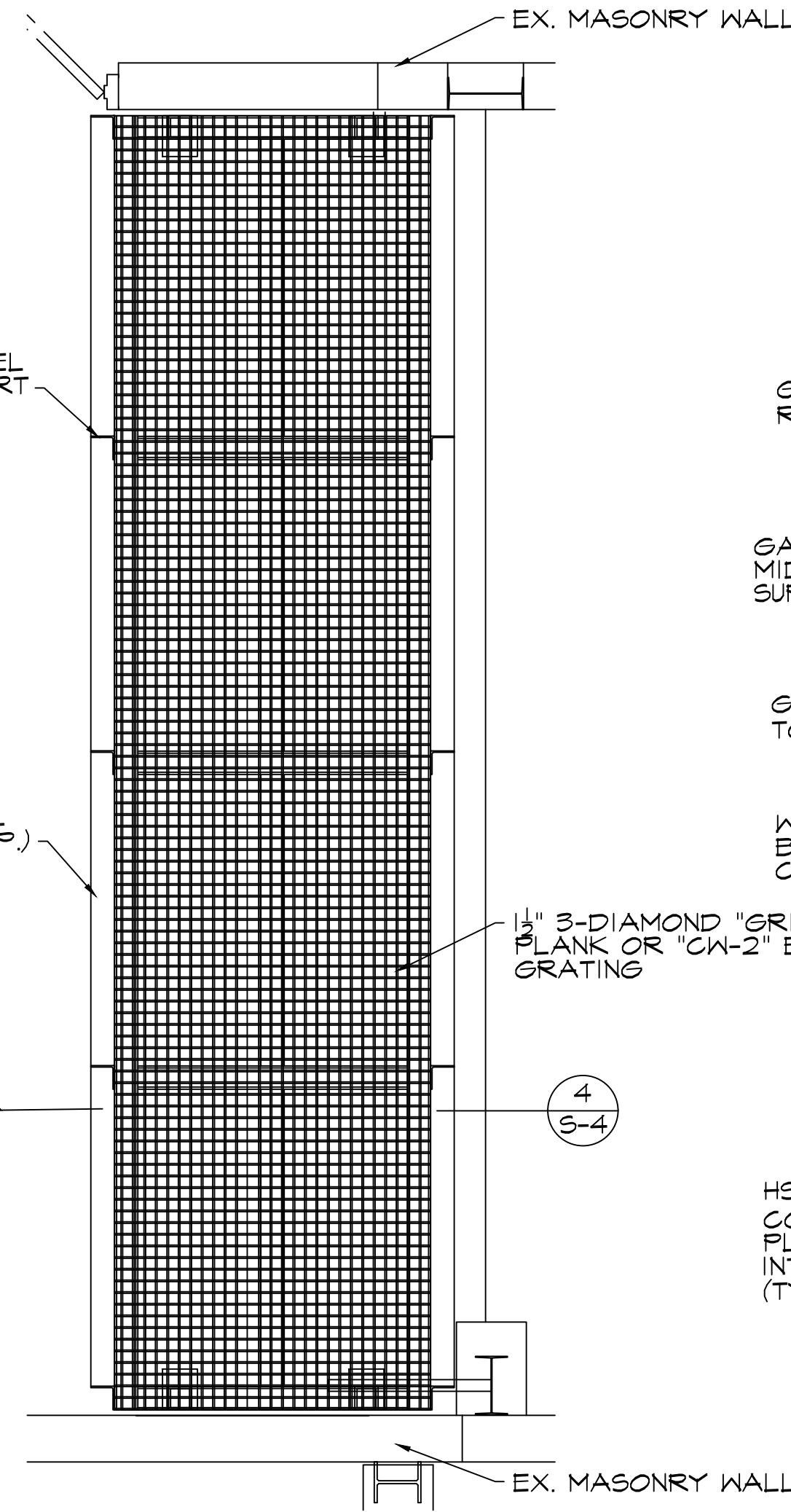
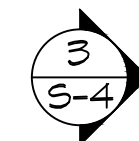
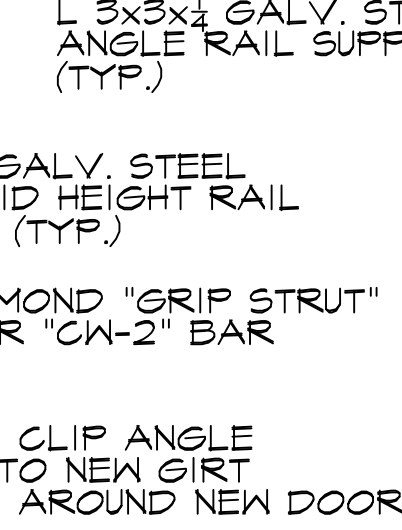




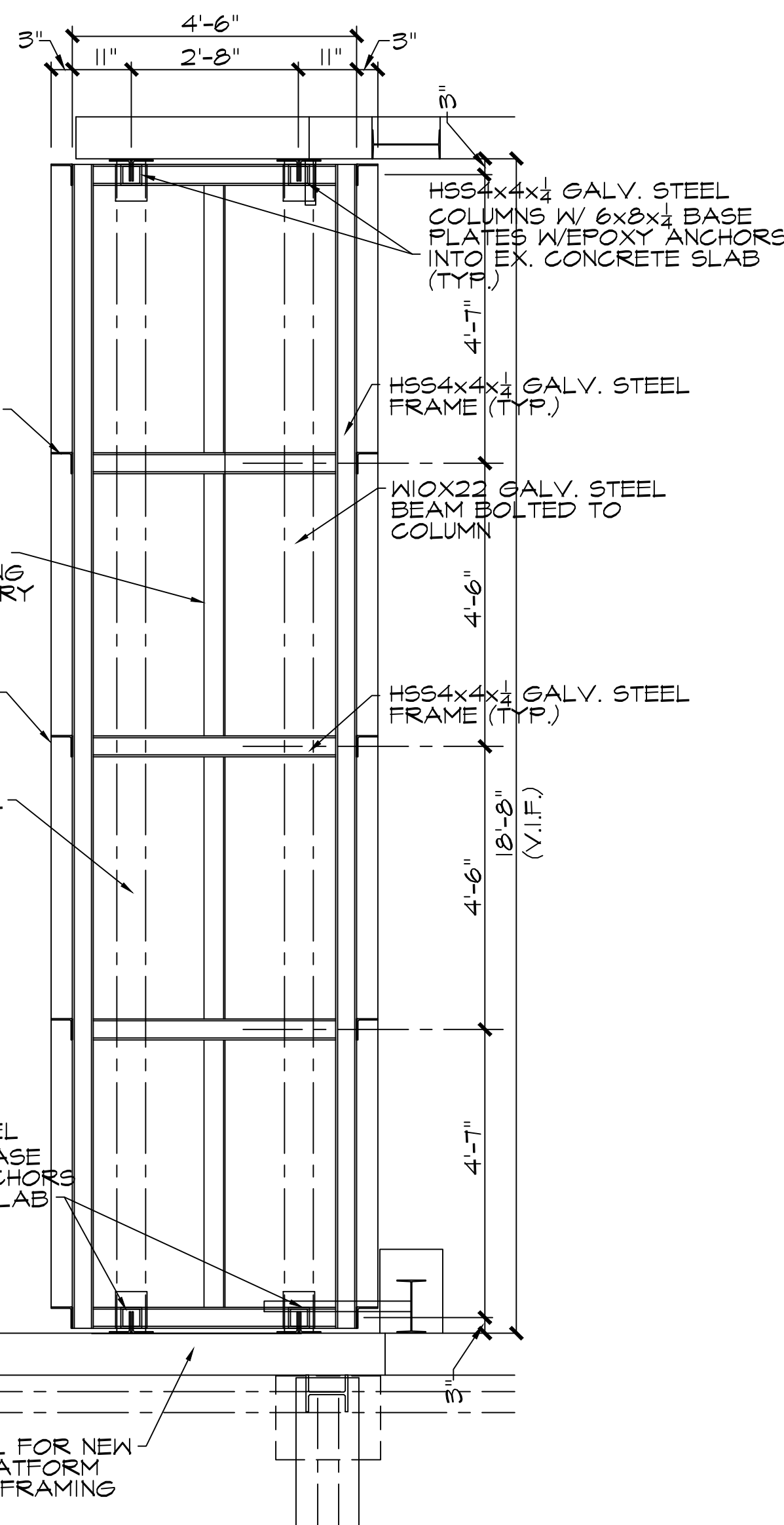
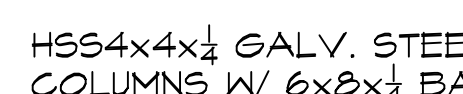
4
S-4
PLATFORM SECTION
SCALE: 1/4" = 1'-0"



3
S-4
PLATFORM ELEVATION
SCALE: 1/4" = 1'-0"

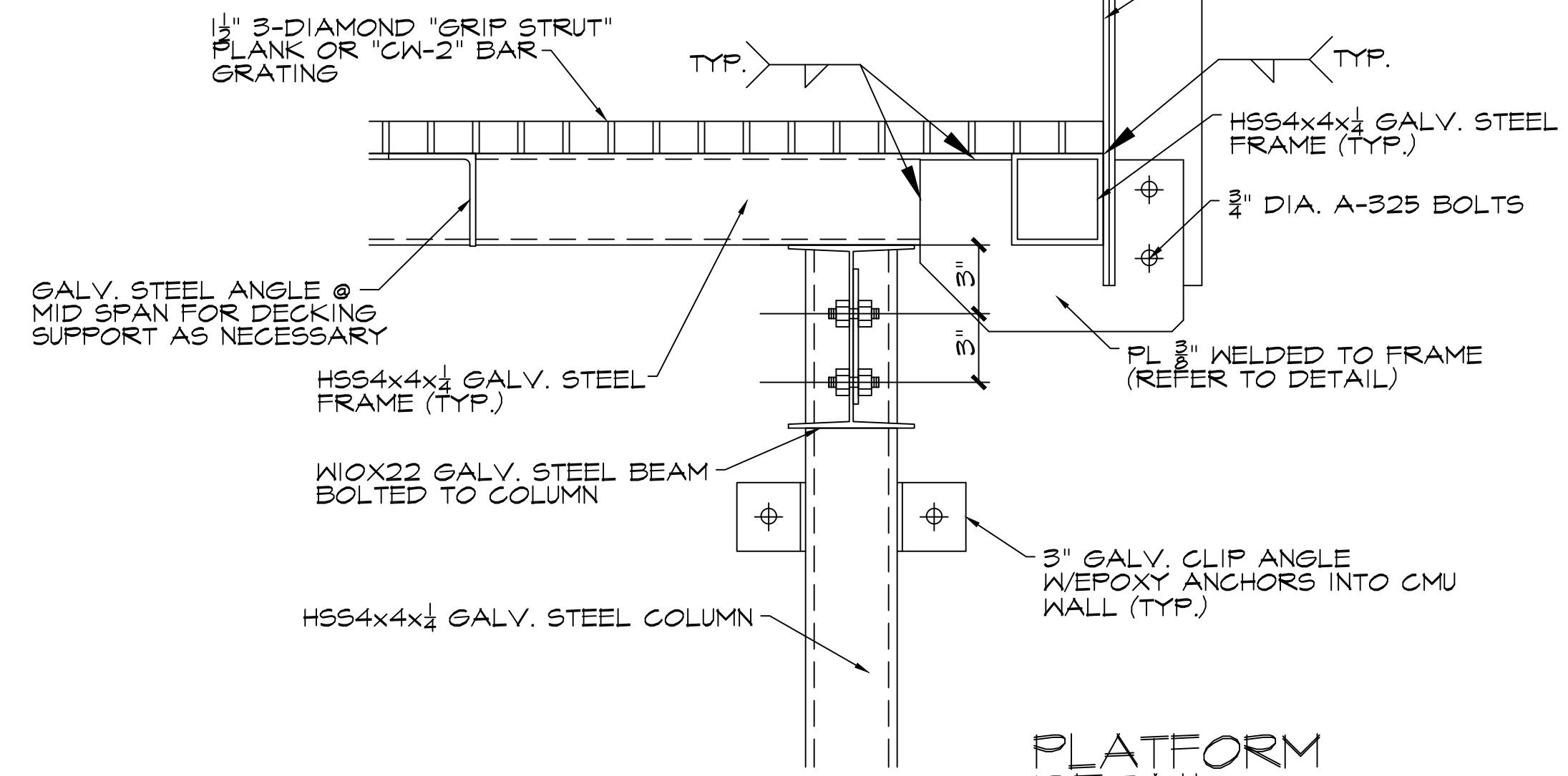


2
S-4
PLATFORM PLAN
SCALE: 1/2" = 1'-0"

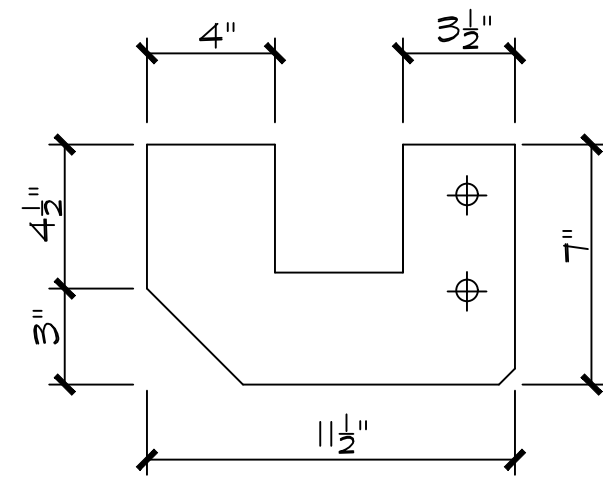


1
S-4
PLATFORM FRAMING PLAN
SCALE: 1/2" = 1'-0"

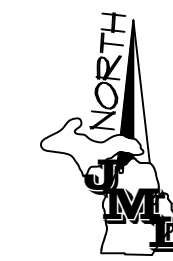
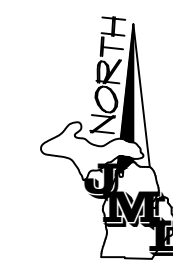
NOTE: ALL STEEL MEMBERS TO BE GALVANIZED



5
S-4
PLATFORM DETAIL
SCALE: 1" = 1'-0"



6
S-4
PLATE DETAIL
SCALE: 1" = 1'-0"



- JML DESIGN GROUP, LTD. 225 E. 16TH STREET, SUITE B. TRAVERSE CITY MICHIGAN 49684

scale:
AS NOTED

drawn:
CFC/MAK

architect:
CF CAMPBELL
phone: (231) 947-9019
e-mail: jmldq@att.net

Revisions: 07/16/18 ISSUED FOR PERMITS/PRICING

location: TRAVERSE CITY, MICHIGAN
client: GT CO ROAD COMMISSION

sheet title: **MECHANICAL PLAN**
project name: **TRUCK WASH ADDITION**

☐ preliminary

☒ construction

date:
07/16/18
sheet:
MP-1

