

CONTACT PERSONS

PRINCIPAL-IN-CHARGE PETER G. STAMPFL, AIA, NCARB
ARCHITECT OF RECORD KEVIN E. SMITH, AIA
PROJECT MANAGER KEVIN E. SMITH, AIA, NCARB

ARCHITECTS



MECHANICAL/ELECTRICAL/FP



STRUCTURAL



CODE INFORMATION

Sa PROJECT # 2018-053.000
WOODLANDS AT GREYSTONE COMMUNITY CLUBHOUSE
Proposed Building Footprint 3,894 sf
Proposed lower and upper floor, patio and pool area.
PROJECT ADDRESS:
SCULTHORPE DR. WEST GOSHEN TWP
CHESTER COUNTY, PA 19380
MUNICIPALITY:
WEST GOSHEN TOWNSHIP
APPLICABLE CODES:
PA UCC INCLUDING:
2015 INTERNATIONAL BUILDING CODE EXCEPT CHAPTER 11 & APPENDIX E
2015 INTERNATIONAL PLUMBING CODE
2015 INTERNATIONAL MECHANICAL CODE
2014 NATIONAL ELECTRICAL CODE
2015 INTERNATIONAL ENERGY CONSERVATION CODE
2015 INTERNATIONAL FUEL GAS CODE PA PROPANE & LP GAS ACT
2009 ICC/ANSI A-117.1
2018 INTERNATIONAL BUILDING CODE, CHAPTER 11 & APPENDIX E ONLY (FOR ACCESSIBILITY)

DESCRIPTION:
The project consists of a ground-up community clubhouse build into a sloped site with a large patio with pool. The building footprint is 3,894 square feet at the upper level and the lower level is 3,685 sf. The lower level will provide fitness rooms, a gaming room, building and pool storage rooms, locker rooms and restrooms. The upper level will provide a great room/lounge, kitchenette area, sunroom, 2 leasing offices w/ small conference room and restrooms. The building will be equipped throughout with an NFPA 13 sprinkler system.

(302) USE GROUP & OCCUPANCY CLASSIFICATION: ASSEMBLY A-3
(503) GENERAL HEIGHT & AREA LIMITATIONS: TYPE 5B
(601) FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS:
Construction Type 5B
Fire Resistance Ratings Required For Building Elements (hours)
Structural frame including columns, girder, trusses: 0
Bearing walls (exterior): See Table 602 2015 IBC
Bearing walls (interior): 0
Non-bearing walls & partitions (exterior): 0
Non-bearing walls & partitions (interior): 0
Floor construction (including support beams & posts): 0
Roof construction (including support beams & posts): 0
Corridors (per table 1020.1): 0
Vertical exit enclosure (per 1019.1): 1

(719) THERMAL & SOUND INSULATING MATERIALS:
Ceased insulation will have a flame spread index of not more than 25 and a smoke developed index of not more than 450.
(803) WALL & CEILING FINISHES:
Interior Finish Requirements for Walls and Ceilings in a Sprinklered Building of A-3 Use:
Requirements: Class A: Flame Spread 0-25; smoke developed 0-450.
Class B: Flame Spread 26-75; smoke developed 0-450.
Class C: Flame Spread 76-200; smoke developed 0-450.
(1003) GENERAL MEANS OF EGRESS:
(1003.2) Ceiling Height. The means of egress shall have a ceiling of not less than 7'-6".
(1003.3) Protruding objects. Provide minimum headroom of 80 inches. 27" a.f.f. to 80" max 4" projection
(1004.1) DESIGN OCCUPANT LOAD: PER FLOOR
Maximum Floor Area Allowances Per Occupant

Table with columns: Occupancy, Floor Area / Occupant, Floor Area, Occupants. Includes sections for UPPER FLOOR, LOWER LEVEL, POOL, and EXTERIOR SUB-TOTAL.

(1005) EGRESS WIDTH:
Egress width per occupants served: 0.3' per occupant
Stairwidth provided = 48"
Other egress components: 0.2' per occupant
Door width provided = 72" each floor

(1006) NUMBER OF EXITS AND EXIT ACCESS DOORWAYS
2015 IBC Table 1006.2.1 Minimum Number of exits or access to exits per story
Occupant Load Per Story 1,500 = 2 exits
1017 Exit access travel distance = 250' w/ sprinklers

(1019.3 EXCEPT 4) UNENCLOSED EXISTING ACCESS STAIR
1 UNENCLOSED EXIT ACCESS STAIR PROVIDED.

(1101) ACCESSIBILITY:
All public areas to provide accessible features per the requirements set forth in the 2018 International Building Code, Chapter 11 and Appendix "E". Signage per IBC Section 1110

(2902) PLUMBING FIXTURES: A-3 ASSEMBLY MAIN USE GROUP W/ACCESSORY B-BUSINESS & S-STORAGE
Auditoriums without permanent seating, art galleries, exhibition halls, museums, lecture halls, libraries, arcades and gymnasiums.

Table with columns: WATER CLOSETS, LAVATORIES, DRINKING FOUNTAINS, SERVICE SINK. Includes rows for A3, B, S, and REQUIRED/PROVIDED counts.

WOODLANDS AT GREYSTONE

COMMUNITY CLUBHOUSE
SCULTHORPE DR. WEST GOSHEN TOWNSHIP CHESTER COUNTY, PA



ABBREVIATIONS

Table of abbreviations and their full names, organized into columns.

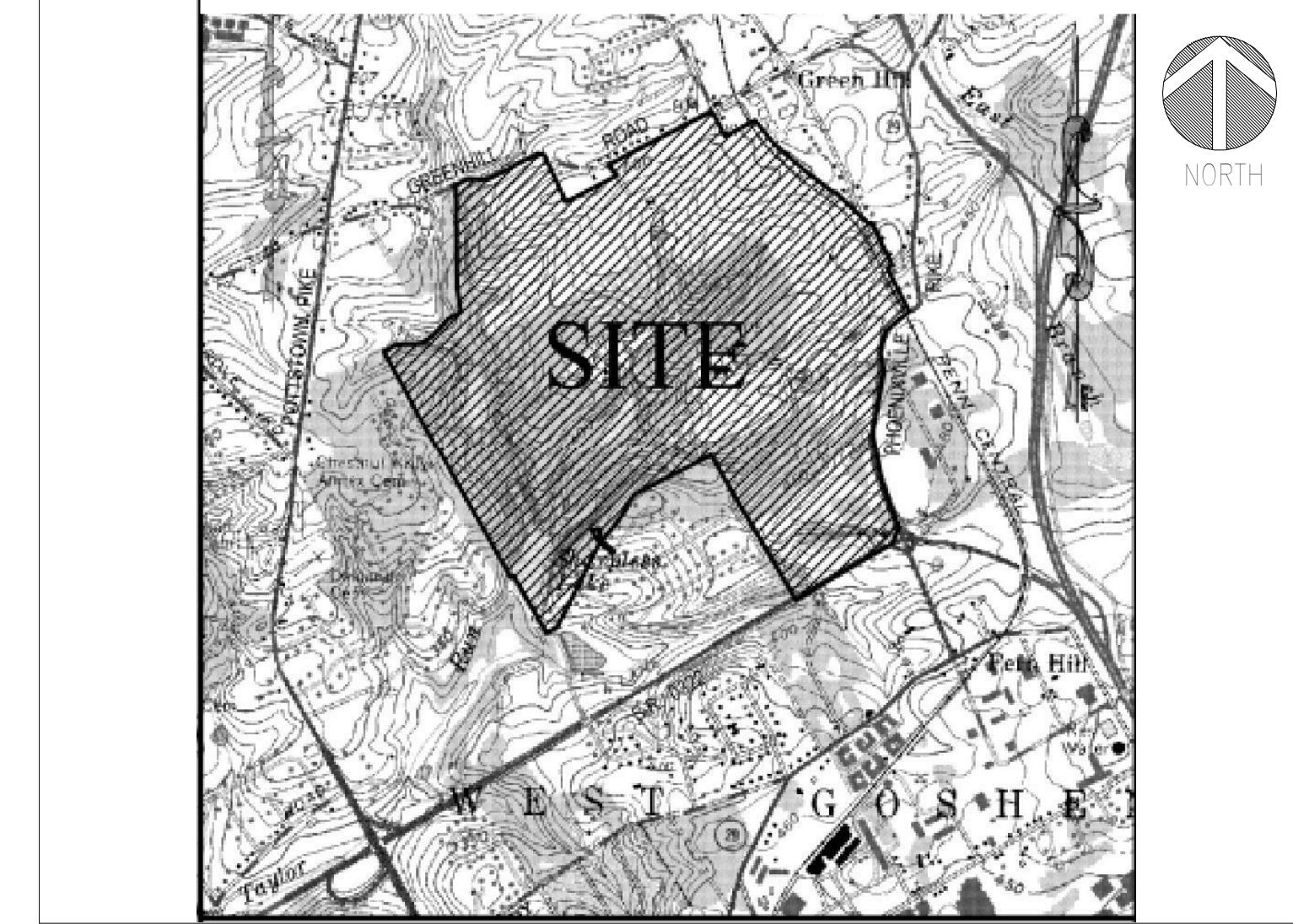
LOAD CALCULATIONS

SEE STRUCTURAL DRAWINGS FOR LOAD CALCULATIONS

CONTRACTOR NOTE

Contractor shall obtain all necessary permits, licenses, etc as necessary to comply with all local, state and federal requirements. All work by General Contractor and Subcontractors shall comply with PA UCC (IRC 2015 as amended).

LOCATION MAP



SQUARE FOOTAGES

Table showing square footages for CONDITIONED, LOWER LEVEL, and UPPER LEVEL areas.

ATTIC VENTILATION

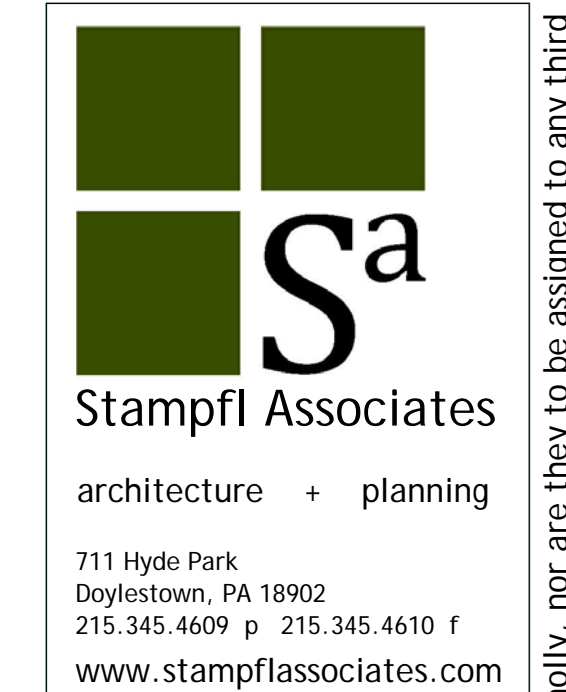
Table detailing attic ventilation requirements and provided values for different areas.

SHOP DRAWINGS DEFERRED SUBMITTALS

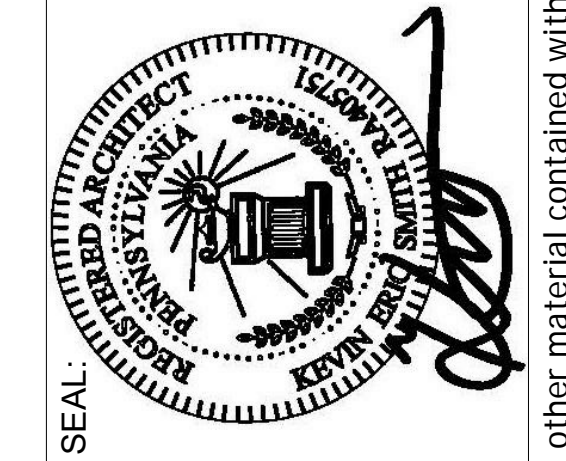
TRUSS DRAWINGS
STEEL
CONCRETE
ELEVATOR
RAILING SYSTEM
STAIR & RAILING SYSTEM

DRAWING LIST

Table listing architectural drawings (CS-1 to ANS1) and MEP/FP drawings (M0.0 to E4.1) with their descriptions.



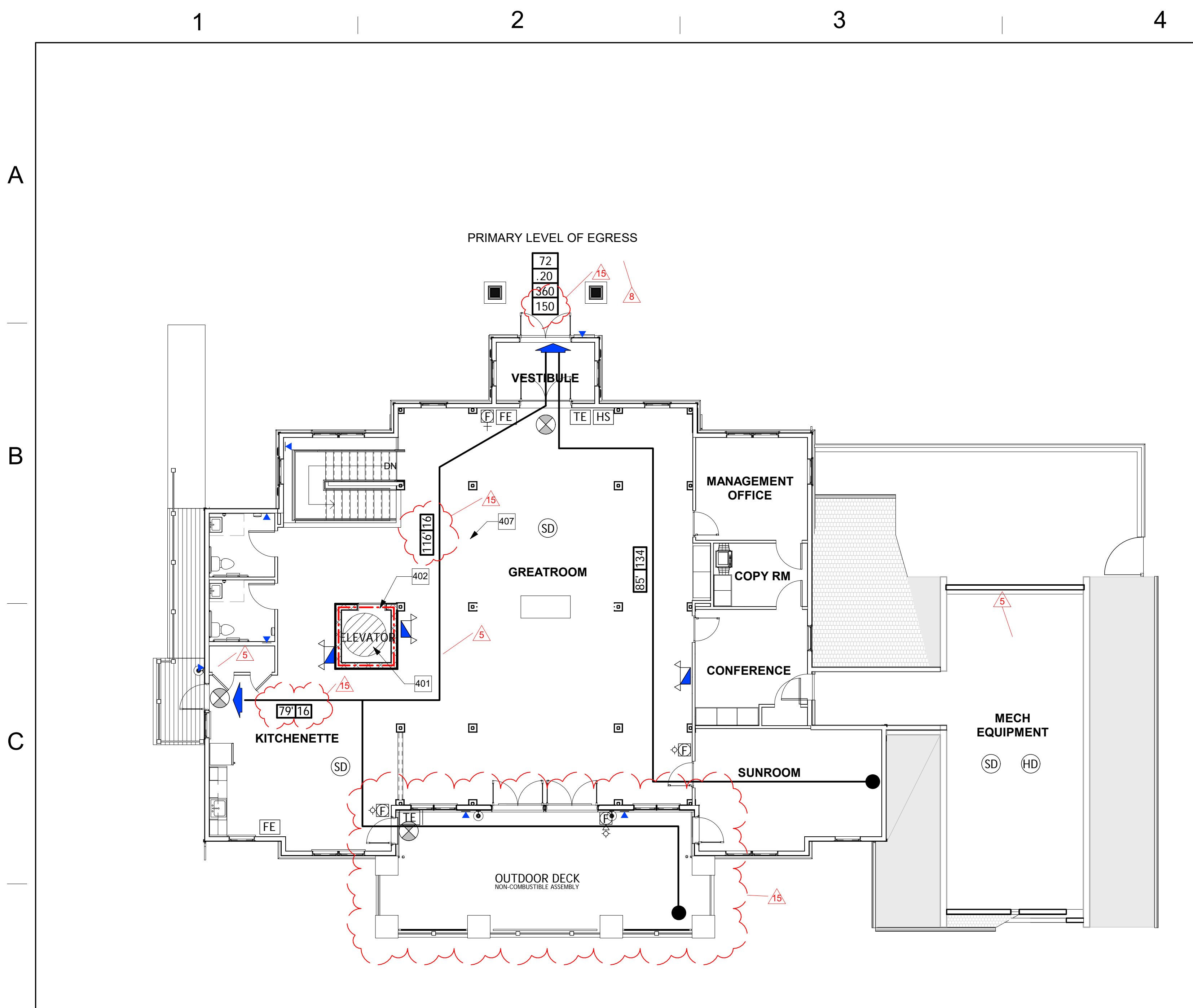
Revisions table with columns for Date, No., Description, and checked by.



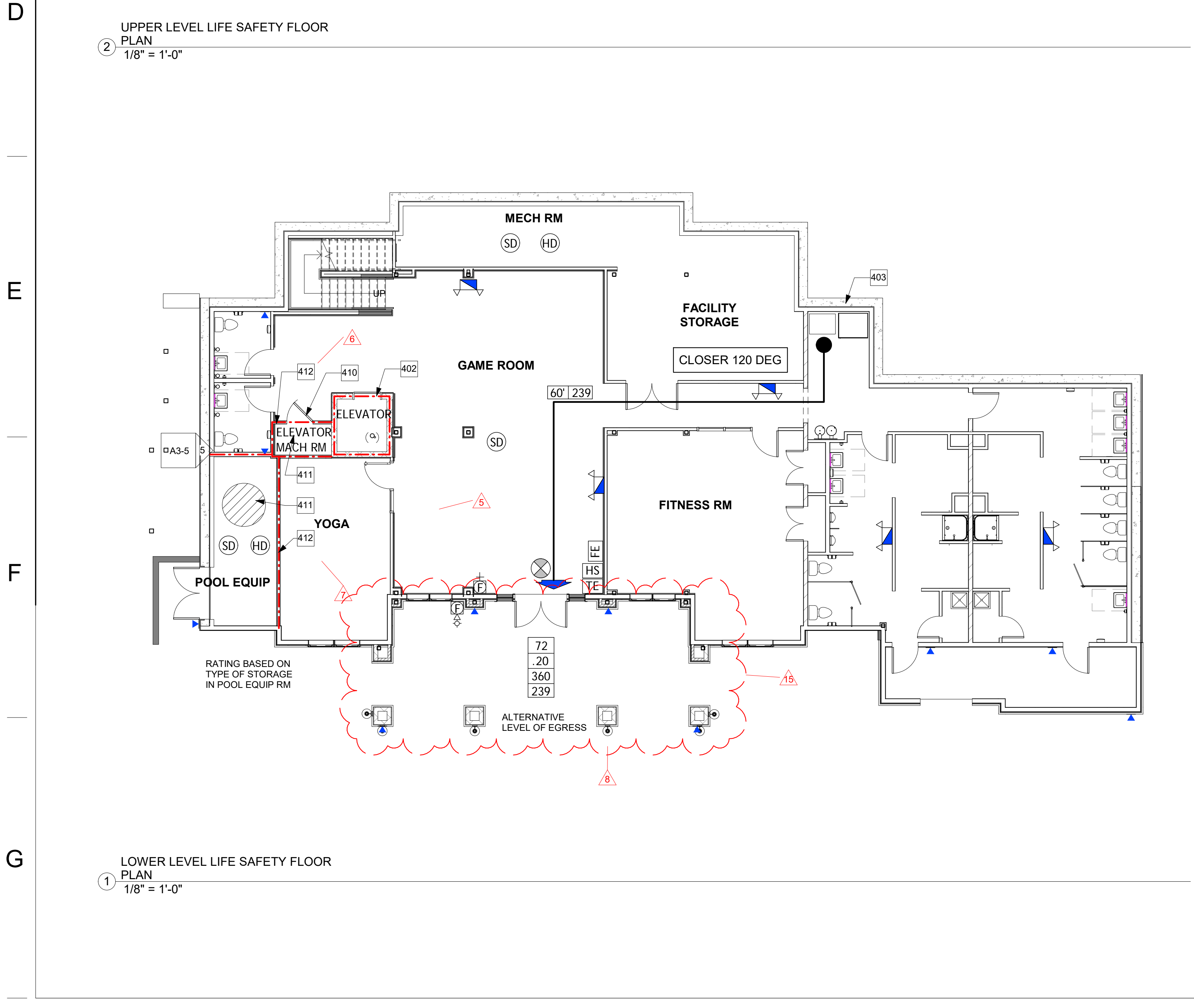
WOODLANDS AT GREYSTONE
SCULTHORPE DR. WEST GOSHEN TOWNSHIP
CHESTER COUNTY, PA
DRAWING NAME: COVER SHEET
PERMIT SET

Project number: 18-053
date: 2021-08-17
scale: As indicated
sheet no.
Drawn by: Author
Checked by: Checker
Approved by: Approver

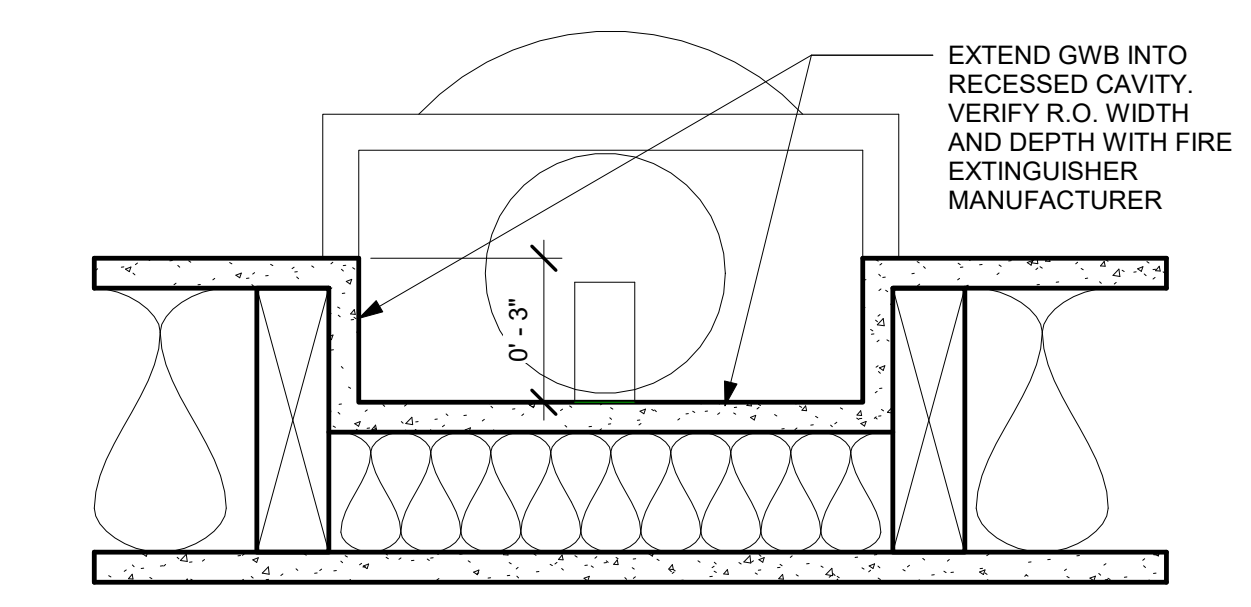
CS-1



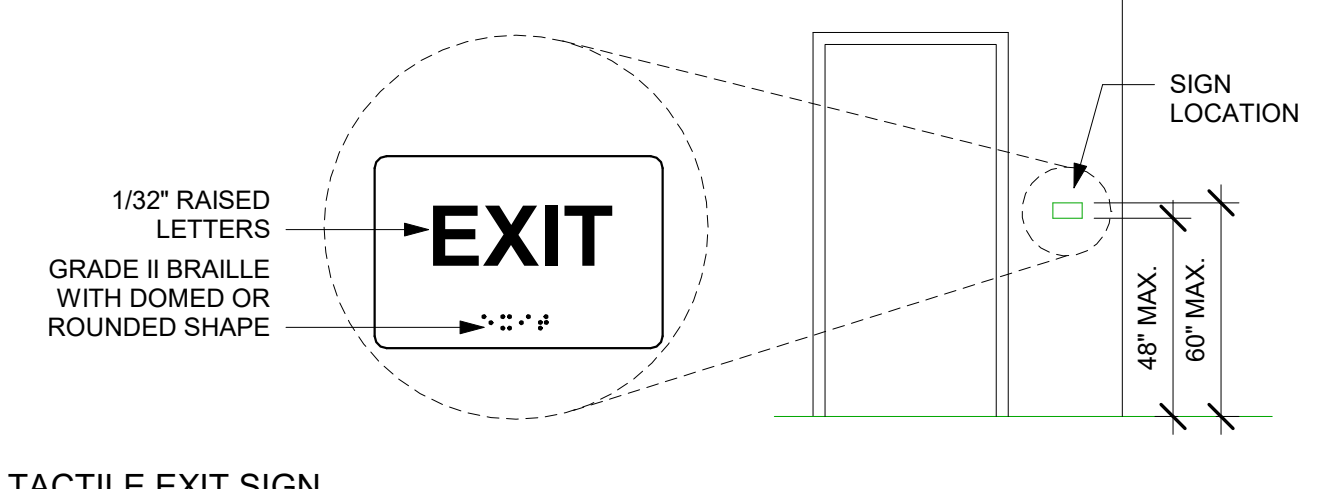
UPPER LEVEL LIFE SAFETY FLOOR PLAN
1/8" = 1'-0"



LOWER LEVEL LIFE SAFETY FLOOR PLAN
1/8" = 1'-0"



FIRE EXTINGUISHER CABINET
DETAIL-INSULATED WALL
3" = 1'-0"



TACTILE EXIT SIGN
3" = 1'-0"

LIFE SAFETY SYMBOLS LEGEND

- 1 HOUR FIRE RATED FIRE BARRIER
- 2 HOUR FIRE RATED FIRE BARRIER
- DOOR OR STAIR LOAD CHART
- EXIT DISCHARGE - NON ACCESSIBLE
- EXIT DISCHARGE - REQUIRED & ACCESSIBLE
- NUMBER = OCCUPANT LOAD
- ARROW = DIRECTION OF TRAVEL
- EMERGENCY LIGHTING BATTERY UNIT WITH BATTERY BACKUP - NUMBER OF HEADS AS INDICATED - SEE ELECTRICAL PLANS
- EMERGENCY LIGHTING REMOTE HEAD WITH BATTERY BACKUP - SEE ELECTRICAL PLANS
- EXIT SIGN - ARROWS INDICATE DIRECTION OF EXIT - SEE ELECTRICAL PLANS
- EXIT SIGN
- AUDIO/VISUAL ALARM - SEE ELECTRICAL PLANS
- VISUAL ALARM - SEE ELECTRICAL PLANS
- FIRE ALARM - MANUAL FIRE ALARM PULL STATION - SEE ELECTRICAL PLANS
- FIRE EXTINGUISHERS
- SMOKE DETECTOR, INTERCONNECTED WITH BATTERY BACKUP
- RATE OF RISE DETECTOR
- ADA HORN / STROBE - SEE ELECTRICAL PLANS
- ACCESSIBLE PARKING SIGN
- DIRECTIONAL ACCESSIBLE EXIT SIGNAGE - SEE DETAIL 3 FOR MORE INFORMATION
- TACTILE EXIT SIGN

LIFE SAFETY NOTES

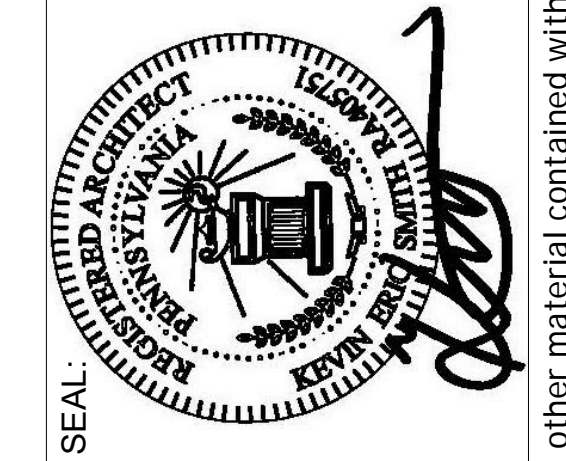
- SEE ELECTRICAL DRAWINGS FOR EMERGENCY EXIT LIGHTING.
- PROVIDE SAFETY GLAZING AT HAZARDOUS LOCATIONS PER IBC CHAPTER 24.
- PROVIDE 42" HT GUARDS AT AREAS WITH OPEN SIDED WALKING SURFACES, STAIRS, RAMP, LANDING AND GLAZING AREAS THAT ARE LOCATED MORE THAN 30' ABOVE THE ADJACENT FLOOR OR GRADE BELOW.
- FIRE EXTINGUISHERS SHALL BE PROVIDED AND INSTALLED IN ACCORDANCE WITH NFPA 10 & 101 (INCLUDING BUT NOT LIMITED TO TYPE SIZE AND TRAVEL DISTANCE). ALL FIRE EXTINGUISHERS IN PUBLIC AREAS SHALL BE PROVIDED W/ SEMI-RECESSED F.E. CABINETS MOUNTED 48" TO TOP OF ROUGH OPENING, WHERE INSTALLED IN FIRE RATED WALLS, THE FIRE RATING SHALL EXTEND INTO THE FRAMED CABINET OPENING TO INSURE RATING INTEGRITY. GC TO CONFIRM ALL REQUIREMENTS & LOCATIONS WITH THE FIRE MARSHAL.
- SPRINKLERS & FIRE ALARMS TO BE DESIGNED BY LICENSED CONTRACTORS.
- SMOKE DETECTORS ARE SHOWN FOR SCHEMATIC PURPOSES.

LIFE SAFETY... ELEMENT

#	DESCRIPTION
401	1 HR CEILING ASSEMBLY FOR ELEVATOR SHAFT- GA FILE NO.FC 5406
402	1 HR FIRE BARRIER THROUGH TO FLOOR DECK ABOVE- U905 USED AT ELEVATOR
403	NOT USED
407	SPRINKLERS THROUGHOUT
410	60 MIN RATED DOOR
411	1 HR CEILING ASSEMBLY FOR ELEVATOR MACHINE RM AND POOL RM- GA FILE NO.FC 5408
412	1 HR RATED WALL AT ELEVATOR MACHINE ROOM & POOL RM- GA FILE NO. WP 3644

REVISIONS

No.	Date	Description
5	11/24/20	V.E. REVISIONS
6	1/18/21	V.E. REVISIONS
7	2/2/21	V.E. REVISIONS
8	3/16/21	Rev. Mark-Ups BCI
9	3/26/21	Rev. Mark-Ups - MTO 3.24.21
10	5/04/21	Rev. Redlines from BCI 4.5.21
15	3/25/22	DECK ADDITION



DRAWING NAME: LIFE SAFETY PLANS PERMIT SET

WOODLANDS AT GREYSTONE

SCULTHORPE DR. WEST GOSHEN TOWNSHIP
CHESTER COUNTY, PA

Project number: 18-053
date: 2021-08-17
scale: As indicated
sheet no.

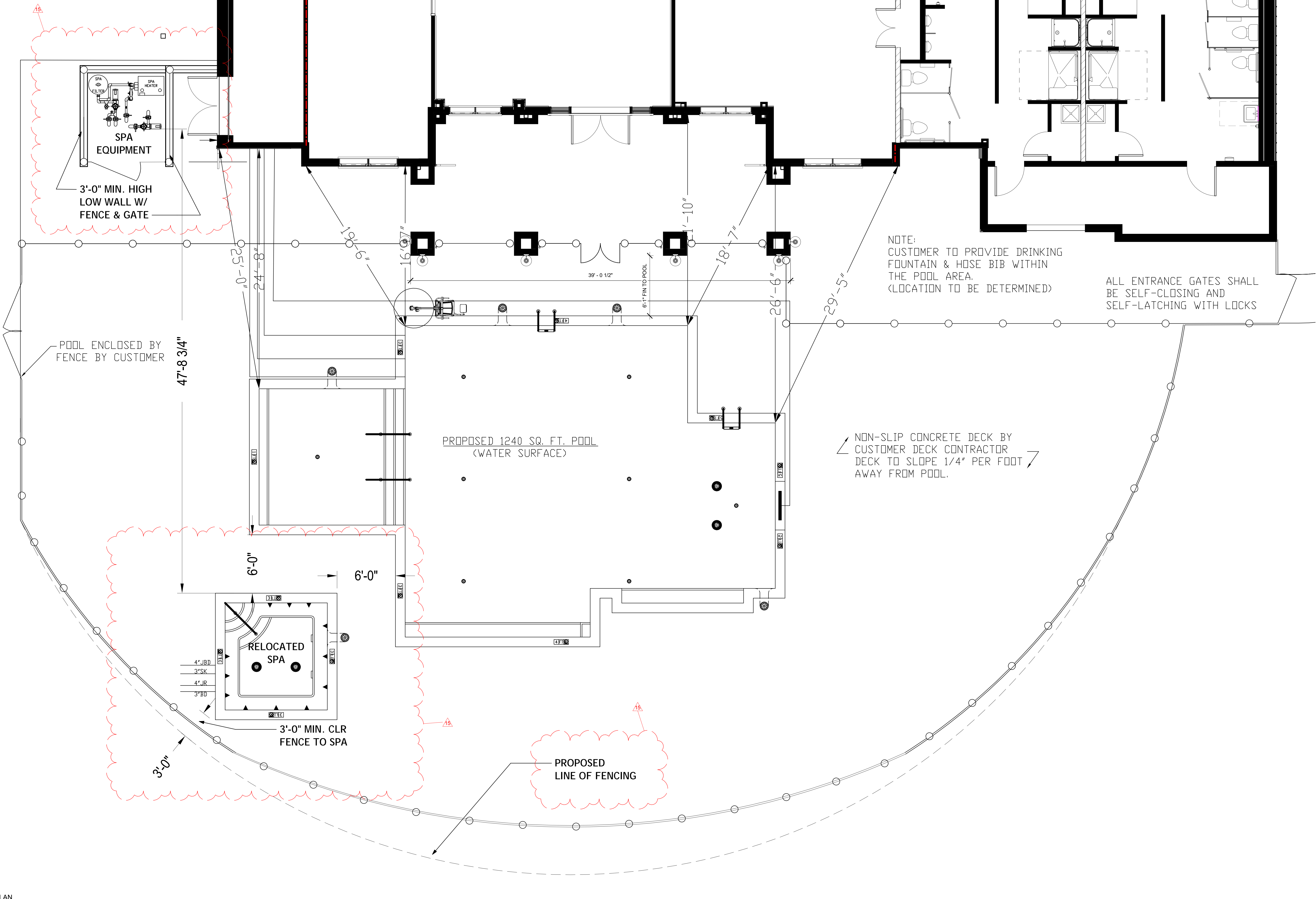
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approved by: Approver

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1 2 3 4 5 6 7 8

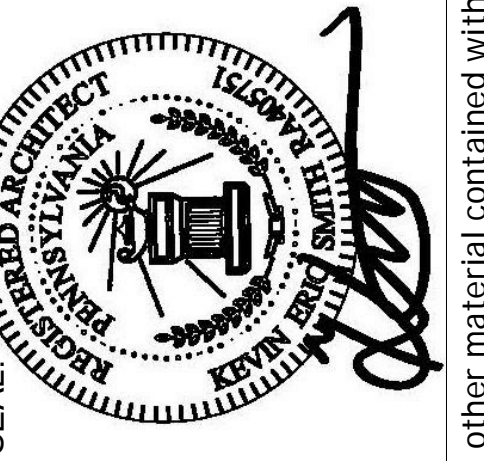
A
B
C
D
E
F
G



1 ARCH SITE PLAN
1/4" = 1'-0"



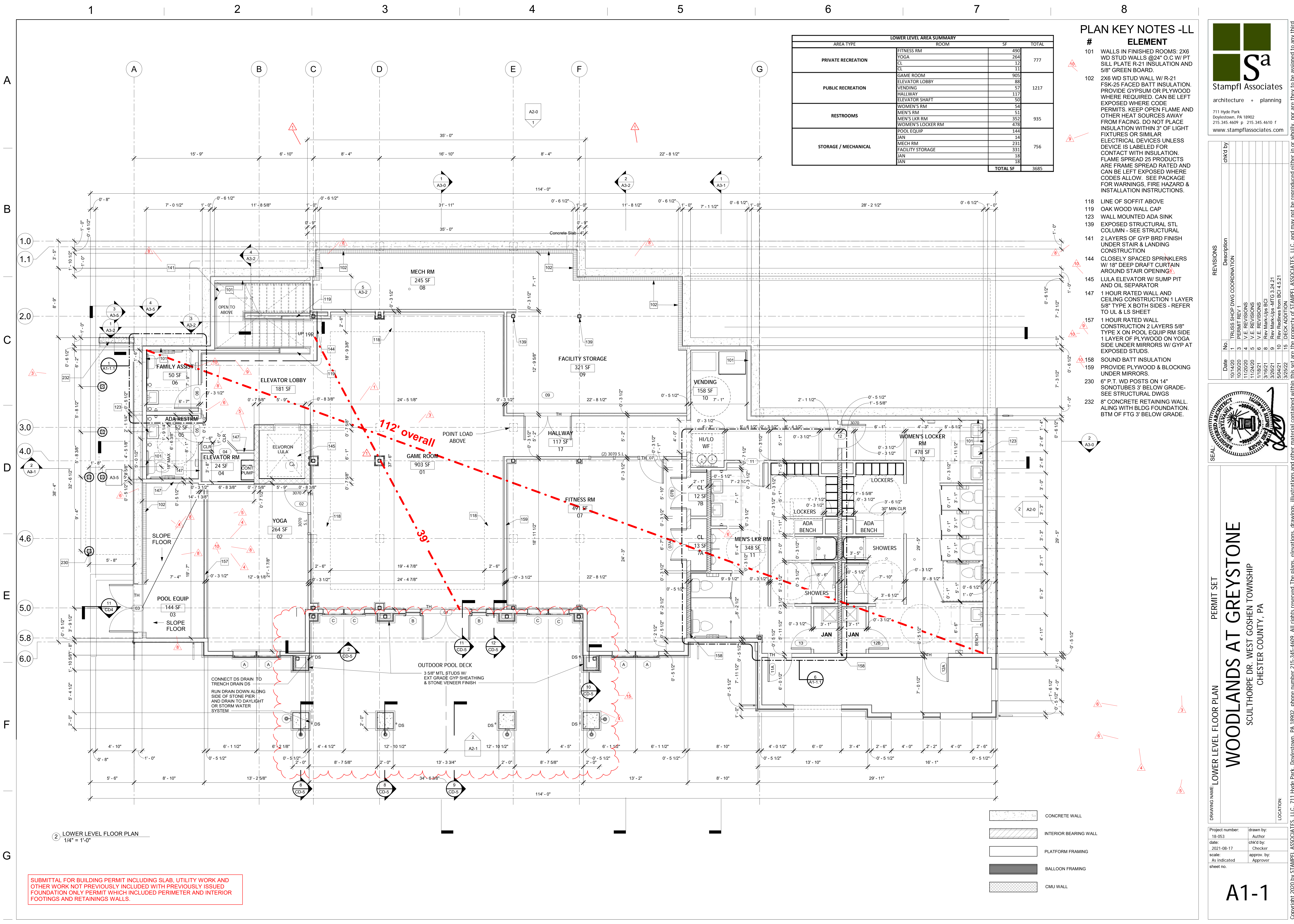
REVISIONS	No.	Date	Description
	7	2/2/21	V.E. REVISIONS
	8	3/16/21	Rev Mark-Up: BCI
	15	3/30/22	DECK ADDITION



PERMIT SET
WOODLANDS AT GREYSTONE
SCULTHORPE DR. WEST GOSHEN TOWNSHIP
CHESTER COUNTY, PA

Project number:	18-053	Drawn by:	Author
date:	2021-08-17	chk'd by:	Checker
scale:	1/4" = 1'-0"	approv. by:	Approver
sheet no.			

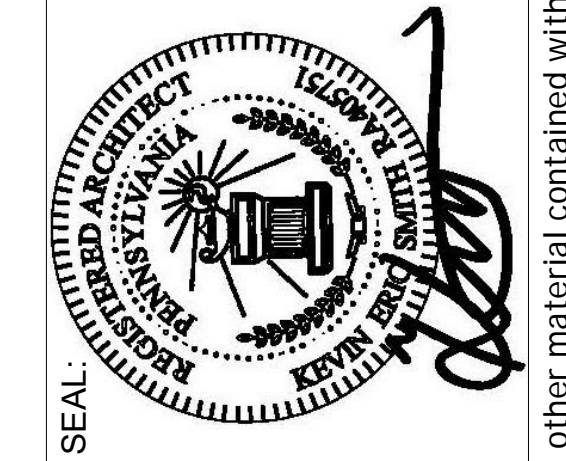
SP-1



LOWER LEVEL AREA SUMMARY			
AREA TYPE	ROOM	SF	TOTAL
PRIVATE RECREATION	FITNESS RM	490	777
	YOGA	264	
	CL	12	
PUBLIC RECREATION	GAME ROOM	905	1217
	ELEVATOR LOBBY	88	
	VENDING	57	
	HALLWAY	117	
	ELEVATOR SHAFT	50	
RESTROOMS	WOMEN'S RM	54	935
	MEN'S LKR RM	51	
	WOMEN'S LOCKER RM	352	
	POOL EQUIP	144	
	JAN	34	
STORAGE / MECHANICAL	MECH RM	231	756
	FACILITY STORAGE	331	
	JAN	18	
	JAN	18	
	JAN	18	
TOTAL SF		3685	

- PLAN KEY NOTES -LL**
- # 101 WALLS IN FINISHED ROOMS: 2X6 WD STUD WALLS @24" O.C. W/ PT SILL PLATE R-21 INSULATION AND 5/8" GREEN BOARD.
 - # 102 2X6 WD STUD WALL W/ R-21 FSK-25 FACED BATT INSULATION. PROVIDE GYPSUM OR PLYWOOD WHERE REQUIRED. CAN BE LEFT EXPOSED WHERE CODE PERMITS. KEEP OPEN FLAME AND OTHER HEAT SOURCES AWAY FROM FACING. DO NOT PLACE INSULATION WITHIN 3" OF LIGHT FIXTURES OR SIMILAR ELECTRICAL DEVICES UNLESS DEVICE IS LABELED FOR CONTACT WITH INSULATION. FLAME SPREAD 25 PRODUCTS ARE FRAME SPREAD RATED AND CAN BE LEFT EXPOSED WHERE CODES ALLOW. SEE PACKAGE FOR WARNINGS, FIRE HAZARD & INSTALLATION INSTRUCTIONS.
 - # 118 LINE OF SOFFIT ABOVE
 - # 119 OAK WOOD WALL CAP
 - # 123 WALL MOUNTED ADA SINK
 - # 139 EXPOSED STRUCTURAL STL COLUMN - SEE STRUCTURAL
 - # 141 2 LAYERS OF GYP BRD FINISH UNDER STAIR & LANDING CONSTRUCTION
 - # 144 CLOSELY SPACED SPRINKLERS W/ 18" DEEP DRAFT CURTAIN AROUND STAIR OPENING
 - # 145 LULA ELEVATOR W/ SUMP PIT AND OIL SEPARATOR
 - # 147 1 HOUR RATED WALL AND CEILING CONSTRUCTION 1 LAYER 5/8" TYPE X BOTH SIDES - REFER TO UL & LS SHEET
 - # 157 1 HOUR RATED WALL CONSTRUCTION 2 LAYERS 5/8" TYPE X ON POOL EQUIP RM SIDE 1 LAYER OF PLYWOOD ON YOGA SIDE UNDER MIRRORS W/ GYP AT EXPOSED STUDS.
 - # 158 SOUND BATT INSULATION
 - # 159 PROVIDE PLYWOOD & BLOCKING UNDER MIRRORS.
 - # 230 6" P.T. WD POSTS ON 14" SONOTUBES 3' BELOW GRADE-SEE STRUCTURAL DWGS
 - # 232 8" CONCRETE RETAINING WALL ALING WITH BLDG FOUNDATION. BTM OF FTG 3' BELOW GRADE.

REVISIONS	
Date	Description
10/14/20	1 TRUSS SHOP DWG COORDINATION
10/30/20	3 PERMIT REV 1
11/20/20	4 V.E. REVISIONS
11/24/20	5 V.E. REVISIONS
1/18/21	6 V.E. REVISIONS
3/16/21	8 Rev. Mark-Ups BCI
3/26/21	9 Rev. Mark-Ups MTC 3.24.21
5/04/21	10 Rev. Revisions from BCI 4.5.21
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WOODLANDS AT GREYSTONE
 SCULTHORPE DR. WEST GOSHEN TOWNSHIP
 CHESTER COUNTY, PA

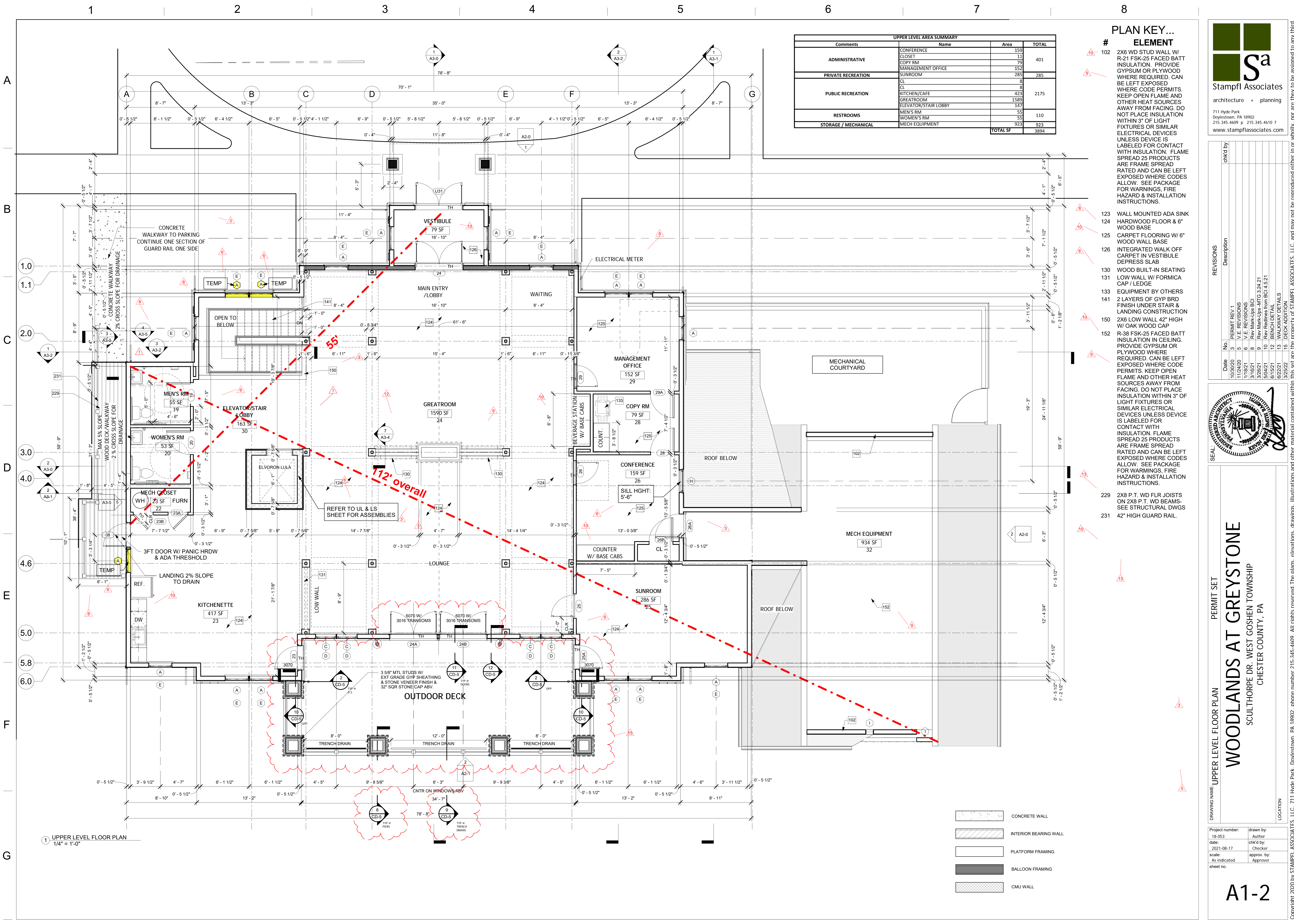
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 PERMIT SET

Project number: 18-053
 date: 2021-08-17
 scale: As indicated
 sheet no.

Drawn by: Author
 chkd by: Checker
 approved by: Approver

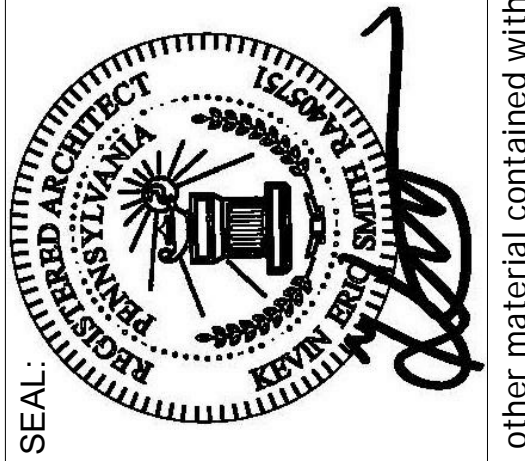
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REVISIONS

Date	No.	Description
10/30/20	3	PERMIT REV 1
11/24/20	5	V.E. REVISIONS
1/18/21	6	V.E. REVISIONS
3/16/21	8	Rev Mark-Ups BCI
3/26/21	9	Rev Mark-Ups - MTO 3.24.21
5/04/21	10	Rev Redlines from BCI 4.5.21
6/15/21	12	BENCH/DETAIL
6/22/21	13	WALKWAY DETAILS



WOODLANDS AT GREYSTONE
SCULTHORPE DR. WEST GOSHEN TOWNSHIP
CHESTER COUNTY, PA

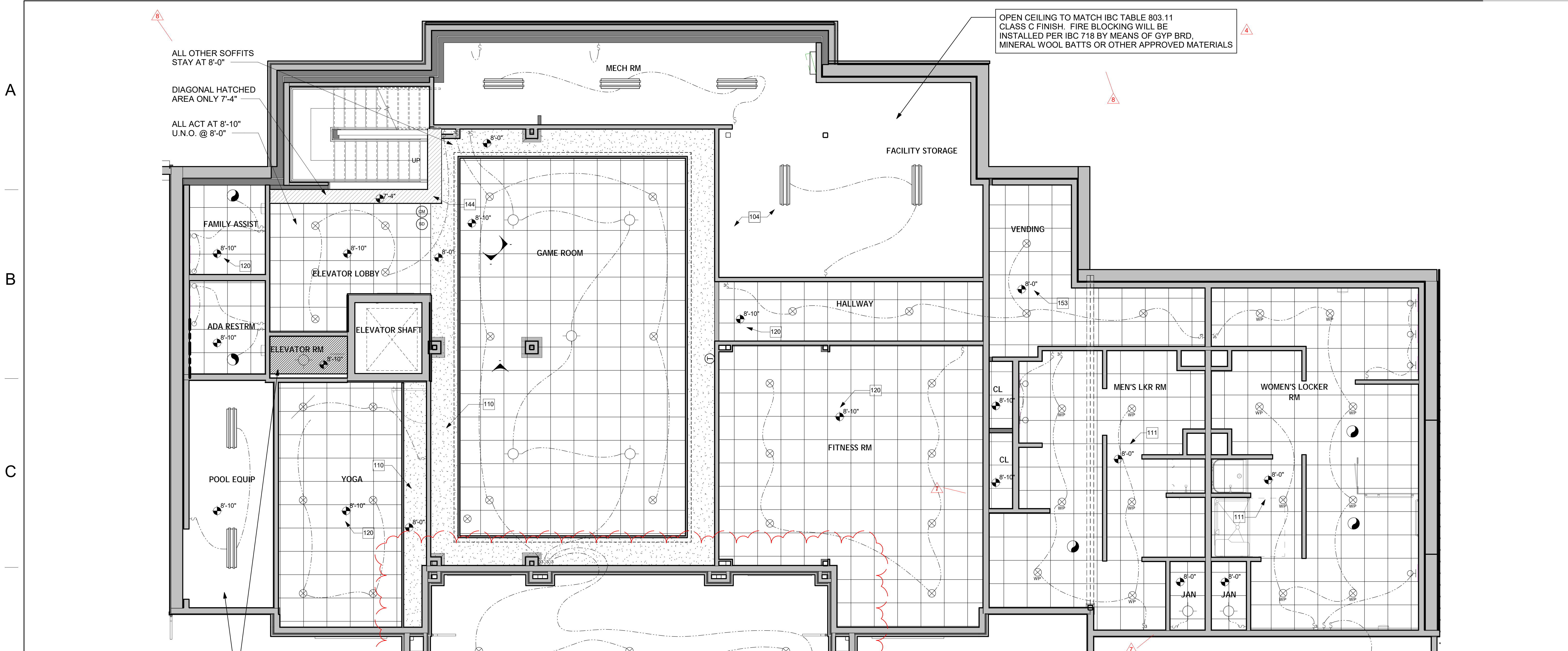
PERMIT SET

A1-2

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DRAWING NAME: UPPER LEVEL FLOOR PLAN
PROJECT NUMBER: 18-053
DATE: 2021-08-17
SCALE: As indicated
sheet no.

LOCATED BY:
DRAWN BY:
AUTHOR:
CHK'D BY:
CHECKER:
APPROVER:

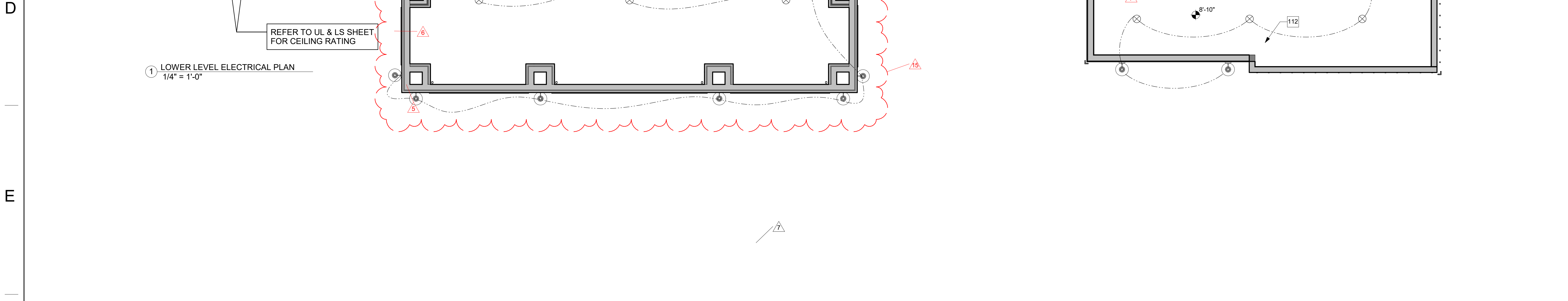


RCP LEGEND

- JUNCTION BOX FOR FUTURE FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- UNDERMOUNT DOWNLIGHTS
- UPPER CABINETS BACKLIT
- FLOOD LIGHT
- CHANDELIER
- CEILING FAN W/ LIGHT
- EXHAUST FAN
- EXHAUST FAN / LIGHT WATER PROOF (VENT TO EXTERIOR)
- RECESSED LIGHT FIXTURE
- WATERPROOF RECESSED LIGHT FIXTURE
- WATER PROOF RECESSED LIGHT FIXTURE - ADJUSTABLE EYEBALL
- SMOKE / CO DETECTOR
- CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR
- FLUORESCENT LIGHT
- LIGHT SWITCH
- THREE WAY LIGHT SWITCH

CEILING PLAN...

- # ELEMENT
- 104 EXPOSED CEILING JOISTS
 - 110 8'-0" HIGH DRYWALL SOFFIT - PAINTED
 - 111 8'-0" HIGH ACT HUMIGUARD
 - 112 8'-10" HIGH BEAD BOARD CEILING VINYL
 - 120 8'-10" HIGH ACT
 - 144 CLOSELY SPACED SPRINKLERS W/ 18" DEEP DRAFT CURTAIN AROUND STAIR OPENING
 - 153 8'-0" HIGH ACT



1 LOWER LEVEL ELECTRICAL PLAN
1/4" = 1'-0"

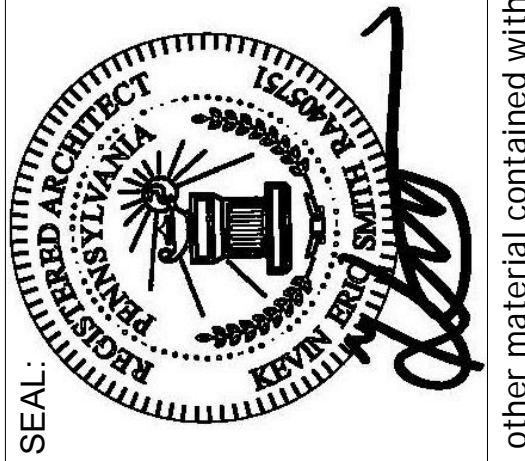
ROOM #	ROOM	Type	Manufacture	Color	NORTH	SOUTH	EAST	WEST	WALL BASE	CEILING	HEIGHT	REMARKS
1	GAME ROOM	LVT	Katanga Cobalt	Arctic	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	6" WOOD WALL BASE	GWB/2X2 ATC	8'-8"-10"	GWB SOFFIT @ 8' ATC @ 8'-10" See Note #115 on plans
2	LOWER LEVEL ELEVATOR LOBBY	LVT	Katanga Cobalt	Arctic	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	6" WOOD WALL BASE	2X2 ATC	8'-8"-10"	GWB SOFFIT @ 8' ATC @ 8'-10" See Note #115 on plans
3	YOGA	LVT	Katanga Cobalt	Arctic	GWB	GWB	GWB	GWB / MIRROR	6" VINYL WALL BASE	GWB/2X2 ATC	8'-8"-10"	GWB SOFFIT @ 8' ATC @ 8'-10"
4	POOL EQUIPMENT	EXPOSED CONC.	N/A	N/A	GWB	GWB	GWB	GWB	NONE	GWB	8'-10"	1 HR CEILING ASSEMBLY
5	ELEVATOR ROOM	EXPOSED CONC.	N/A	N/A	GWB	GWB	GWB	GWB	NONE	GWB	8'-10"	1 HR CEILING ASSEMBLY
6	FAMILY ASSIST ADA RESTROOM	Ceramic Tile	Happy Floors	Silver	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/WALL TILE(CHLKRBD)	3"x18" SILVER BULLNOSE WALL BASE @ 3 WALLS	2X2 ATC	8'-10"	3"x6" CHALKBOARD W.T. @ PLUMBING WALL TO 4' A.F.F. 2"x6" BULLNOSE AT TOP
7	FITNESS ROOM	LVT	Katanga Cobalt	Arctic	GWB	GWB	GWB	GWB / MIRROR	6" VINYL WALL BASE	2X2 ATC	8'-10"	5' HIGH MIRRORS-24" a.f.f.
7A	FITNESS CLOSET	LVT	Katanga Cobalt	Arctic	GWB	GWB	GWB	GWB	6" VINYL WALL BASE	2X2 ATC	8'-10"	
7B	FITNESS CLOSET	LVT	Katanga Cobalt	Arctic	GWB	GWB	GWB	GWB	6" VINYL WALL BASE	2X2 ATC	8'-10"	
8	MICHAENICAL	EXPOSED CONC.	N/A	N/A	GWB	GWB	GWB	GWB	NONE	EXPOSED		
9	FACILITY STORAGE	EXPOSED CONC.	N/A	N/A	GWB	GWB	GWB	GWB	NONE	EXPOSED		
11	MEN'S LOCKER ROOM	Ceramic Tile	Happy Floors	Silver	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/Dat Tile White 0100	3"x18" SILVER BULLNOSE WALL BASE	2X2 ATC	8'	HUMIGUARD ATC. The wainscote, (Showers are Fiberglass) SEE PLAN FOR SEMI-GLOSS LOCATIONS
12	WOMEN'S LOCKER	Ceramic Tile	Happy Floors	Silver	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/FRP	3"x18" SILVER BULLNOSE WALL BASE	2X2 ATC	8'	HUMIGUARD ATC. The wainscote, (Showers are Fiberglass) SEE PLAN FOR SEMI-GLOSS LOCATIONS
13	WOMEN'S LOCKER JANITOR	Ceramic Tile	Happy Floors	Silver	GWB/FRP	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/FRP	3"x18" SILVER BULLNOSE WALL BASE	2X2 ATC	8'	HUMIGUARD ATC. FRP to 4'
17	LOWER LEVEL HALLWAY	LVT	Katanga Cobalt	Arctic	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	N/A	6" WOOD WALL BASE	2X2 ATC	8'-10"	See Note #115 on plans
19	UPPER LEVEL MEN'S	Ceramic Tile	Happy Floors	Silver	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/WALL TILE(CHLKRBD)	3"x18" SILVER BULLNOSE WALL BASE @ 3 WALLS	2X2 ATC	8'	
20	UPPER LEVEL WOMEN'S	Ceramic Tile	Happy Floors	Silver	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/WALL TILE(CHLKRBD)	3"x18" SILVER BULLNOSE WALL BASE @ 3 WALLS	2X2 ATC	8'	
23	KITCHENETTE	HARDWOOD	Mullican	Red Oak Natural	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'2"	
22	MICHAENICAL CLOSET	HARDWOOD	Mullican	Red Oak Natural	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'	
24	GREAT ROOM	HARDWOOD	Mullican	Red Oak Natural	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	GWB/2X2ATC	VARIES	ATC @ 9'2" GWB SOFFIT @ 9' Column Wrap
25	SUNROOM	HARDWOOD	Mullican	Red Oak Natural	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'	
26	CONFERENCE	Broadloom Carpet	Shaw	78205 Timeless	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'	
28	COPY ROOM	Broadloom Carpet	Shaw	78205 Timeless	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'	
29	MANAGEMENT OFFICE	Broadloom Carpet	Shaw	78205 Timeless	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'	
30	ELEVATOR STAIR LOBBY	HARDWOOD	Mullican	Red Oak Natural	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'2"	
32	MICHAENICAL EQUIPMENT	UNFINISHED F.V.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	EXPOSED	N/A	GWB @ HEATED AREA WALLS
33	STAIRS	CARPET RUNNER	Shaw	Koa	GWB	GWB	GWB	GWB	OAK STRINGERS	2X2 ATC	9'2"	
34	STAIR LANDING	HARDWOOD	Mullican	Red Oak Natural	GWB	GWB	GWB	GWB	OAK BASE TO MATCH STRINGERS	N/A	N/A	5"
35	VESTIBULE	WALK OFF TILE	STEP ON IT	Come On In	GWB	GWB	GWB	GWB	6" VINYL WALL BASE	GWB	8'-10"	VINYL BEAD COARD SOFFIT
36	ELEVATOR CAB	WALK OFF TILE	STEP ON IT	Come On In	N/A	N/A	N/A	N/A	PER MANUF SPEC	N/A	N/A	1 HR CEILING ASSEMBLY
37	OUTSIDE OF LOCKER ROOMS	EXPOSED CONC.	N/A	N/A	SIDING	SIDING	SIDING	SIDING	NONE	VINYL	8'-10"	

Locker Room Wainscot: 4" CT on wet walls
GWB Contractor to install tile backer board for all tile
GWB Contractor to include FRP in areas designated (Janitor's Closets in 11 & 12)

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REVISIONS

Date	No.	Description
11/20/20	4	V.E. REVISIONS
11/24/20	5	V.E. REVISIONS
1/18/21	6	V.E. REVISIONS
2/2/21	7	V.E. REVISIONS
3/16/21	8	Rev. Mark-Ups BCI
5/04/21	9	Rev. Revisions from BCI 4.5.21
3/23/22	15	DECK ADDITION



PERMIT SET

WOODLANDS AT GREYSTONE
SCULTHORPE DR. WEST GOSHEN TOWNSHIP
CHESTER COUNTY, PA

DRAWING NAME: LOWER LEVEL CEILING PLAN

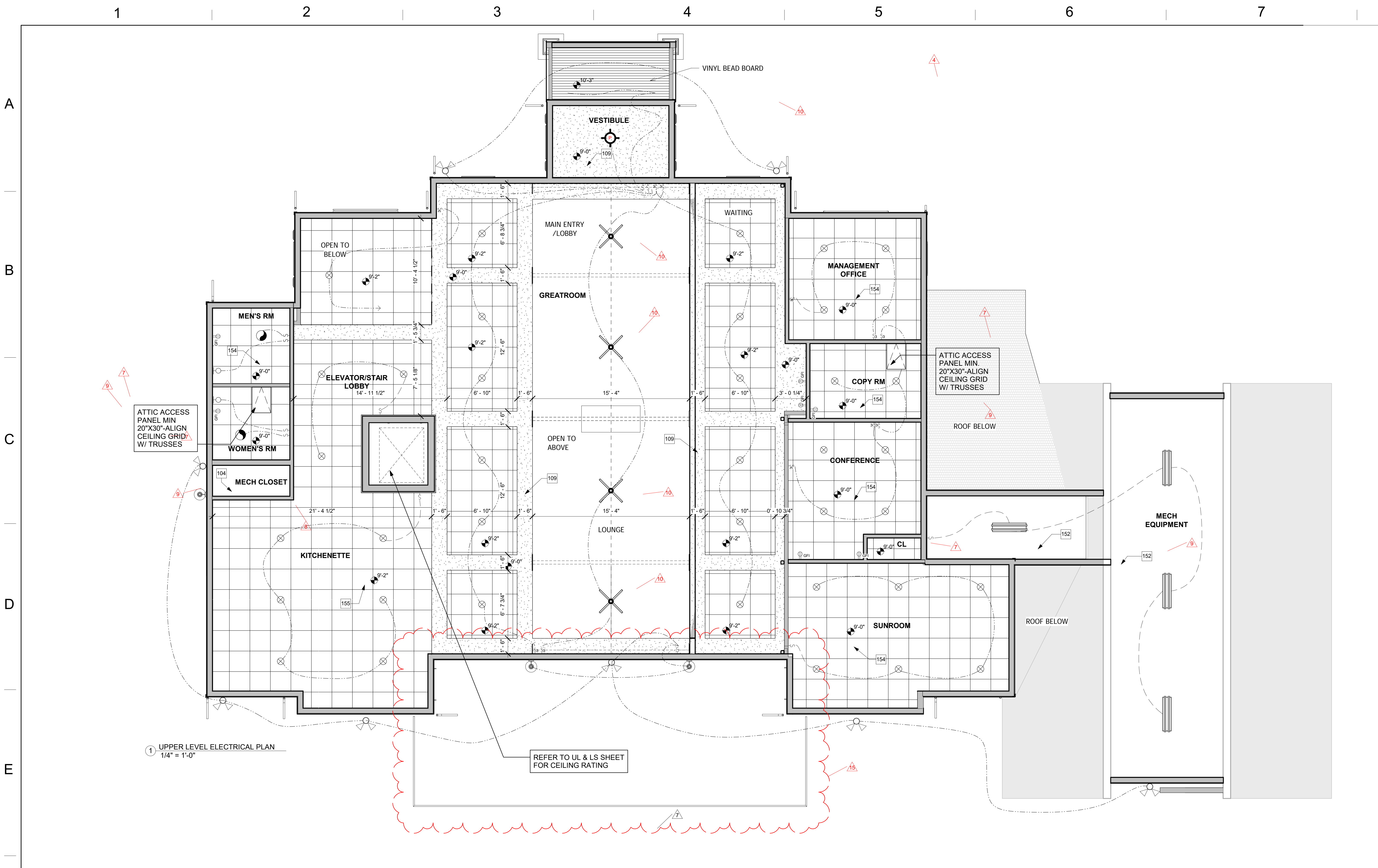
Project number: 18-053
date: 2021-08-17
scale: As Indicated
sheet no.

Drawn by: Author
Checked by: chkg by:
Approved by: Approver

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LOCATION: A1-4

3/24/2022 3:17:51 PM



RCP LEGEND

- JUNCTION BOX FOR FUTURE FIXTURE
- SURFACE MOUNTED LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- UNDERMOUNT DOWNLIGHTS
- UPPER CABINETS BACKLIT
- FLOOD LIGHT
- CHANDELIER
- CEILING FAN W/ LIGHT
- EXHAUST FAN
- EXHAUST FAN / LIGHT WATER PROOF (VENT TO EXTERIOR)
- RECESSED LIGHT FIXTURE
- WATERPROOF RECESSED LIGHT FIXTURE
- WATERPROOF RECESSED LIGHT FIXTURE- ADJUSTABLE EYEBALL
- SMOKE / CO DETECTOR
- CARBON MONOXIDE DETECTOR
- SMOKE DETECTOR
- FLOURESCENT LIGHT
- LIGHT SWITCH
- THREE WAY LIGHT SWITCH

CEILING PLAN...

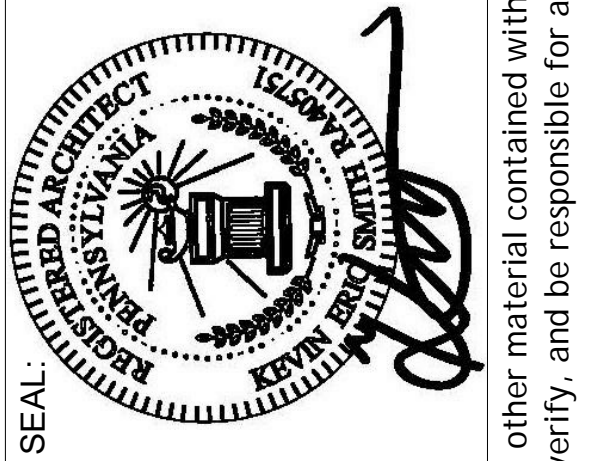
#	ELEMENT
104	EXPOSED CEILING JOISTS
109	9'-0" HIGH DRYWALL CEILING - PAINTED
152	R-38 FSK-25 FACED BATT INSULATION IN CEILING. PROVIDE GYPSUM OR PLYWOOD WHERE REQUIRED. CAN BE LEFT EXPOSED WHERE CODE PERMITS. KEEP OPEN FLAME AND OTHER HEAT SOURCES AWAY FROM FACING. DO NOT PLACE INSULATION WITHIN 3" OF LIGHT FIXTURES OR SIMILAR ELECTRICAL DEVICES UNLESS DEVICE IS LABELED FOR CONTACT WITH INSULATION. FLAME SPREAD 25 PRODUCTS ARE FRAME SPREAD RATED AND CAN BE LEFT EXPOSED WHERE CODES ALLOW. SEE PACKAGE FOR WARNINGS, FIRE HAZARD & INSTALLATION INSTRUCTIONS.
154	9'-0" HIGH ACT
155	9'-2" HIGH ACT

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REVISIONS

No.	Date	Description
4	11/20/20	V.E. REVISIONS
7	2/2/21	V.E. REVISIONS
8	3/16/21	Rev Mark-Up BCI
9	3/26/21	Rev Mark-Up -MTG 3.24.21
10	5/04/21	Rev Redlines from BCI 4.5.21
15	3/25/22	DECK ADDITION

chkd by: _____
 Date: _____



WOODLANDS AT GREYSTONE
 SCULTHORPE DR. WEST GOSHEN TOWNSHIP
 CHESTER COUNTY, PA

PERMIT SET
 UPPER LEVEL CEILING PLAN

DRAWING NAME: _____
 PROJECT NUMBER: 18-053
 DATE: 2021-08-17
 SCALE: As Indicated
 SHEET NO. A1-5

Author: _____
 Checker: _____
 Approver: _____

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ROOM#	ROOM	FLOOR				WALLS				WALL BASE	CEILING	HEIGHT	REMARKS	
		Type	Manufacture	Color		NORTH	SOUTH	EAST	WEST					
1	GAME ROOM	LVT	Katanga Cobalt	Arctic	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	6" WOOD WALL BASE	GWB/2X2 ATC	8'-8" 10"	GWB SOFFIT @ 8" ATC @ 8'-10" See Note #115 on plans	
2	LOWER LEVEL ELEVATOR LOBBY	LVT	Katanga Cobalt	Arctic	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	6" WOOD WALL BASE	2X2 ATC	8'-8" 10"	GWB SOFFIT @ 8" ATC @ 8'-10" See Note #115 on plans	
3	YOGA	LVT	Katanga Cobalt	Arctic	GWB	GWB	GWB	GWB / MIRROR	GWB	6" VINYL WALL BASE	GWB/2X2 ATC	8'-8" 10"	GWB SOFFIT @ 8" ATC @ 8'-10"	
4	POOL EQUIPMENT	EXPOSED CONC	N/A	N/A	GWB	GWB	GWB	GWB	GWB	NONE	GWB	8'-10"	1 HR CEILING ASSEMBLY	
5	BAK RESTROOM	Ceramic Tile	Happy Floors	Silver	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/WALL TILE/CHLKBDR	3"X18" SILVER BULLNOSE WALL BASE @ 3 WALLS	2X2 ATC	8'-10"	1 HR CEILING ASSEMBLY	
6	FAMILY ASSIST ADA RESTROOM	Ceramic Tile	Happy Floors	Silver	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/WALL TILE/CHLKBDR	3"X18" SILVER BULLNOSE WALL BASE @ 3 WALLS	2X2 ATC	8'-10"	1 HR CEILING ASSEMBLY	
7	FITNESS ROOM	LVT	Katanga Cobalt	Arctic	GWB	GWB	GWB	GWB / MIRROR	GWB	6" VINYL WALL BASE	2X2 ATC	8'-10"	3" HIGH MIRRORS-24" x 11"	
7A	FITNESS CLOSET	LVT	Katanga Cobalt	Arctic	GWB	GWB	GWB	GWB	GWB	6" VINYL WALL BASE	2X2 ATC	8'-10"	3" HIGH MIRRORS-24" x 11"	
7B	FITNESS CLOSET	LVT	Katanga Cobalt	Arctic	GWB	GWB	GWB	GWB	GWB	6" VINYL WALL BASE	2X2 ATC	8'-10"	3" HIGH MIRRORS-24" x 11"	
8	MECHANICAL	EXPOSED CONC	N/A	N/A	GWB	GWB	GWB	GWB	GWB	NONE	EXPOSED	8'-10"		
9	FACILITY STORAGE	EXPOSED CONC	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NONE	EXPOSED	8'-10"		
11	WOMENS LOCKER ROOM	Ceramic Tile	Happy Floors	Silver	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/Dal Tile White 0300	GWB	3"X18" SILVER BULLNOSE WALL BASE	2X2 ATC	8"	HUMIGUARD ATC, Tile wainscote, Showers are Fiberglass-SEE PLAN FOR SEMI-GLOSS LOCATIONS	
12	WOMENS LOCKER	Ceramic Tile	Happy Floors	Silver	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/Dal Tile White 0300	GWB	3"X18" SILVER BULLNOSE WALL BASE	2X2 ATC	8"	HUMIGUARD ATC, Tile wainscote, Showers are Fiberglass-SEE PLAN FOR SEMI-GLOSS LOCATIONS	
12	WOMENS LOCKER JANITOR	Ceramic Tile	Happy Floors	Silver	GWB/FRP	GWB/FRP	GWB/FRP	GWB/FRP	GWB	3"X18" SILVER BULLNOSE WALL BASE	2X2 ATC	8"	HUMIGUARD ATC, FRP to 8"	
13	WOMENS LOCKER JANITOR	Ceramic Tile	Happy Floors	Silver	GWB/FRP	GWB/FRP	GWB/FRP	GWB/FRP	GWB	3"X18" SILVER BULLNOSE WALL BASE	2X2 ATC	8"	HUMIGUARD ATC, FRP to 8"	
17	LOWER LEVEL HALLWAY	LVT	Katanga Cobalt	Arctic	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	GWB/WAINSCOT	GWB	6" WOOD WALL BASE	2X2 ATC	8'-10"	See Note #115 on plans	
17	VENTING	LVT	Katanga Cobalt	Arctic	GWB	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	8"		
19	UPPER LEVEL MENS	Ceramic Tile	Happy Floors	Silver	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/WALL TILE/CHLKBDR	GWB	3"X18" SILVER BULLNOSE WALL BASE @ 3 WALLS	2X2 ATC	8"		
20	UPPER LEVEL WOMENS	Ceramic Tile	Happy Floors	Silver	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/SEMI-GLOSS PAINT	GWB/WALL TILE/CHLKBDR	GWB	3"X18" SILVER BULLNOSE WALL BASE @ 3 WALLS	2X2 ATC	8"		
23	KITCHENETTE	HARDWOOD	Mulligan	Red Oak Natural	GWB	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'2"		
24	MEN'S LOCKER CLOSET	HARDWOOD	Mulligan	Red Oak Natural	GWB	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'		
24	GREATROOM	HARDWOOD	Mulligan	Red Oak Natural	GWB	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	GWB/2X2ATC	VARIABLES	ATC @ 9'2" GWB SOFFIT @ 9" Column Wrap	
25	SUNROOM	HARDWOOD	Mulligan	Red Oak Natural	GWB	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'		
26	CONFERENCE	Broadloom Carpet	Shaw	78205 Timeless	GWB	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'		
28	COPY ROOM	Broadloom Carpet	Shaw	78205 Timeless	GWB	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'		
29	MANAGEMENT OFFICE	Broadloom Carpet	Shaw	78205 Timeless	GWB	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'		
30	ELEVATOR STAIR LOBBY	HARDWOOD	Mulligan	Red Oak Natural	GWB	GWB	GWB	GWB	GWB	6" WOOD WALL BASE	2X2 ATC	9'2"		
32	MECHANICAL EQUIPMENT	UNFINISHED PLY	N/A	N/A	N/A	N/A	N/A	N/A	N/A	NONE	EXPOSED	N/A	@ HEATED AREA WALLS	
33	STAIRS	CARPET RUNNER	Shaw	Koa	GWB	GWB	GWB	GWB	GWB	OAK STRINGERS	2X2 ATC	9'2"	1 HR CEILING ASSEMBLY	
	STAIR LANDING	HARDWOOD	Mulligan	Red Oak Natural	GWB	GWB	GWB	GWB	GWB	OAK BASE TO MATCH STRINGERS	N/A	N/A	3"	
	VESTIBULE	WALK OFF TILE	STEP ON IT	Come On In	GWB	GWB	GWB	GWB	GWB	6" VINYL WALL BASE	GWB	8'-10"		
	ELEVATOR CAB	WALK OFF TILE	STEP ON IT	Come On In	N/A	N/A	N/A	N/A	N/A	PER MANUF SPEC	N/A	N/A		
	OUTSIDE OF LOCKER ROOMS	EXPOSED CONC	N/A	N/A	SIDING	SIDING	SIDING	SIDING	SIDING	NONE	VINYL	8'-10"		

Locker Room Wainscot: 4" CT on wet walls
 GWB Contractor to install tile backer board for all tile
 GWB Contractor to include FRP in areas designate[ed] Janitor's Closets in 13 & 12)



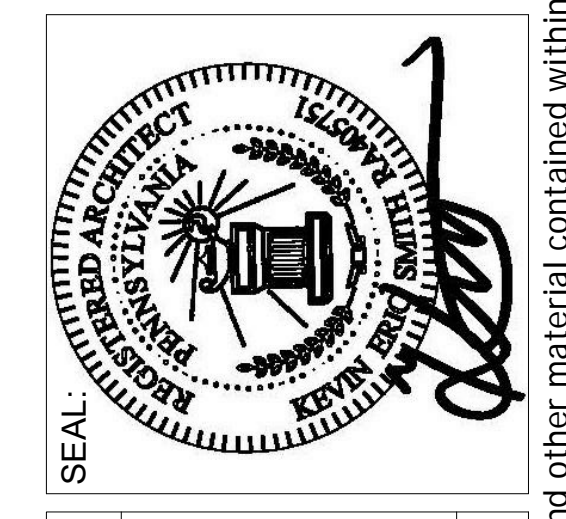
KEYNOTES...

#	ELEMENT
201	SIMULATED STONE VENEER WATERTABLE & CAP- SEE SHEET 10/CD-3 FOR FLASHING DETAIL
202	BOARD + BATTEN VERTICAL SIDING (TYP)
203	CRICKET-SEE ROOF PLAN
204	RIDGEVENT- SEE ROOF PLAN
205	VINYL CLAD WINDOWS (SIZE PER PLAN)
206	PARGE OR PAINT OVER CONCRETE WALL
207	VENEER LINTEL
208	30 YEAR WARRANTY COMPOSITE SHINGLES
209	HORIZONTAL VINYL SIDING
210	CEDAR SHAKE SIDING
211	UNEQUAL PANEL SHUTTERS
212	PROVIDE FLASHING HORIZONTALLY ON ROOF AND VERTICALLY UP WALL
214	5" K ALUMINUM GUTTERS
216	2X12 BELLY BAND- SEE DETAIL 9/CD-2
217	ALUMINUM WRAP FASCIAS AT WALL EAVES & RAKES (TYP)
218	SEE DETAIL 10/CD-2 @ SIDING & 7/CD-3 @ STONE FOR FLASHING. PROVIDE PARGED FINISH OVER EXPOSED FND WALL - COLOR TO MATCH SIDING
219	2H X 1W NON-FUCT LOUVER
221	3" ICE & WATER SHIELD (SEE ROOF PLAN)
222	TAPERED CRAFTSMAN COLUMN SURROUND
223	VINYL SIDING CORNERS- SEE DETAIL 7/CD-2
224	2" WINDOW AND DOOR TRIM- TYP
225	2"X3" ALUMINUM DOWNSPOUTS W/ SPLASHBLOCKS. DRAIN AWAY FROM BUILDING
228	SPRAY SEALER IS TO BE APPLIED TO STONE VENEER ON WALLS FACING POOL TO PROTECT THE VENEER FROM CHLORINE VAPORS AND DISCOLORATION. CONTRACTOR IS TO VERIFY SEALER IS COMPATIBLE WITH CHOSEN VENEER MFG.
229	2X8 P. T. WD FLR JOISTS ON 2X8 P. T. WD BEAMS- SEE STRUCTURAL DWGS
230	6" P. T. WD POSTS ON 14" SONOTUBES 3' BELOW GRADE- SEE STRUCTURAL DWGS
232	8" CONCRETE RETAINING WALL. ALING WITH BLDG FOUNDATION. BTM OF FTG 3' BELOW GRADE.

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REVISIONS

Date	No.	Description
10/30/20	3	PERMIT REV 1
11/20/20	4	V.E. REVISIONS
1/18/21	6	V.E. REVISIONS
3/16/21	8	Rev Mark-Ups BCI
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5/04/21	10	Rev Redlines from BCI 4.5.21
3/25/22	15	DECK ADDITION

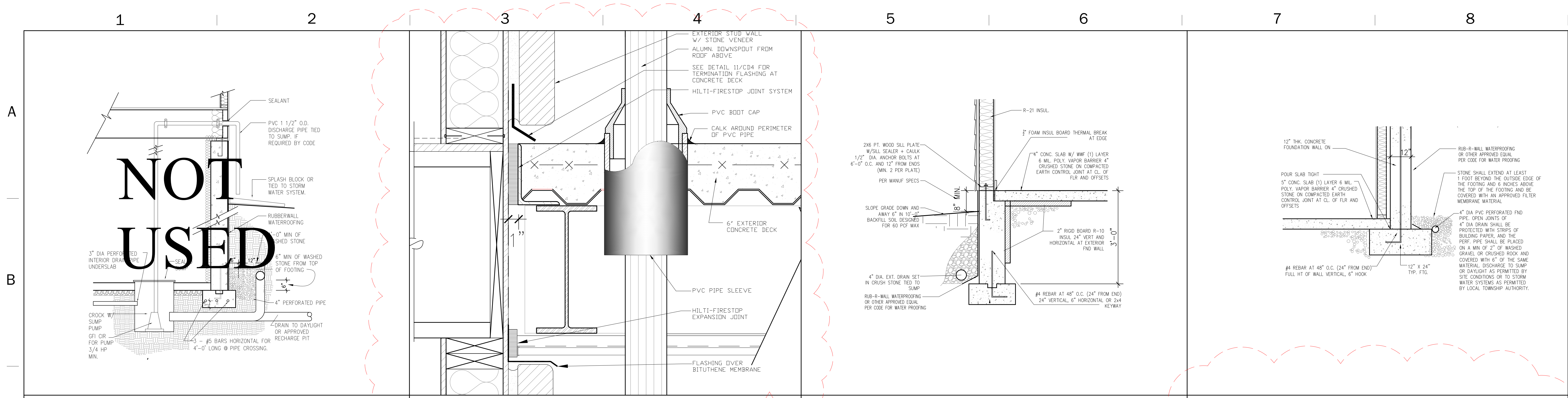


WOODLANDS AT GREYSTONE
 SCULTHORPE DR. WEST GOSHEN TOWNSHIP
 CHESTER COUNTY, PA

DRAWING NAME: ELEVATIONS
 PERMIT SET

Project number: 18-053
 date: 2021-08-17
 scale: 1/4" = 1'-0"
 sheet no.

Drawn by:
 Author:
 chkd by:
 Checker:
 approved by:
 Approver:

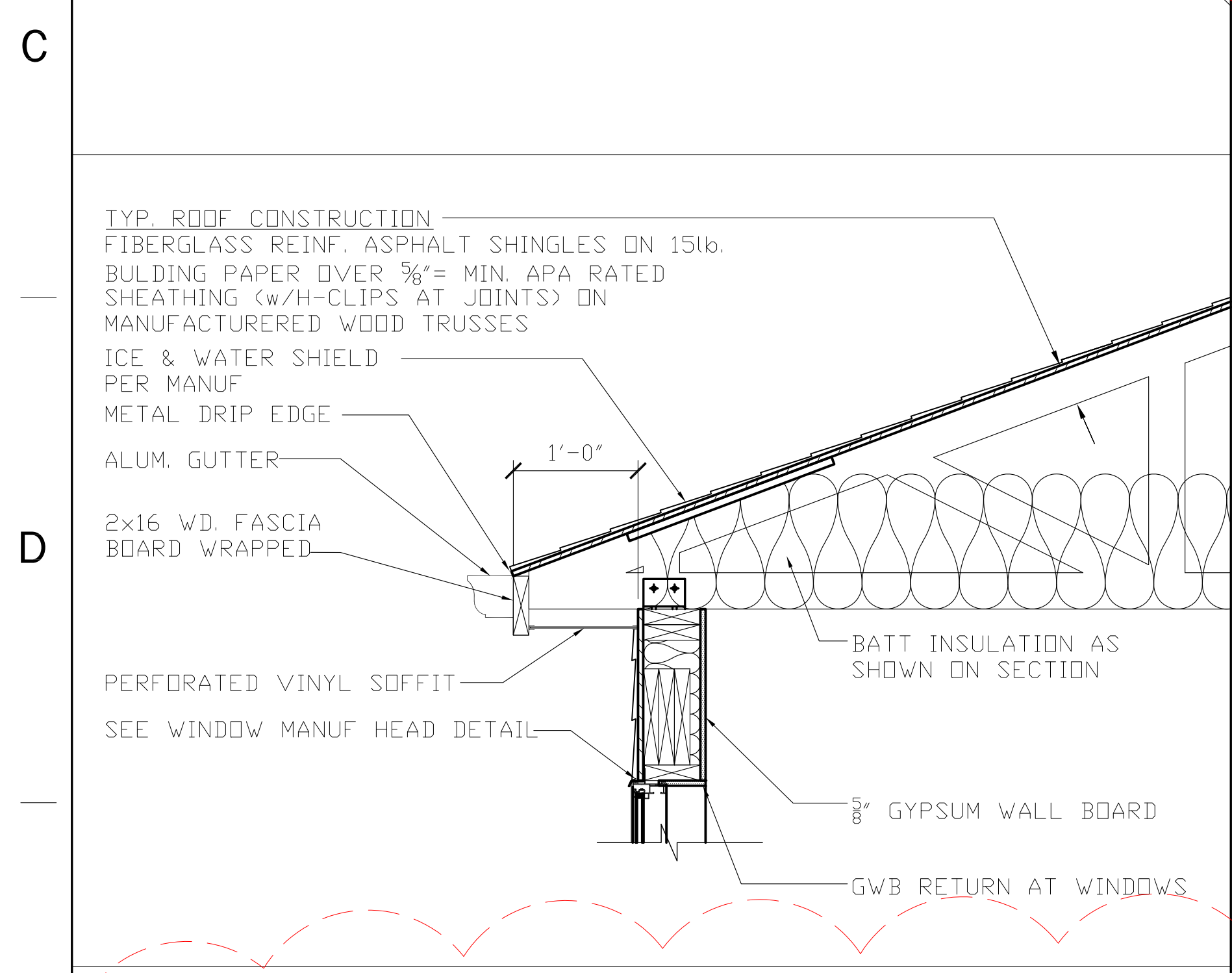


1 SUMP/CROCK DETAIL
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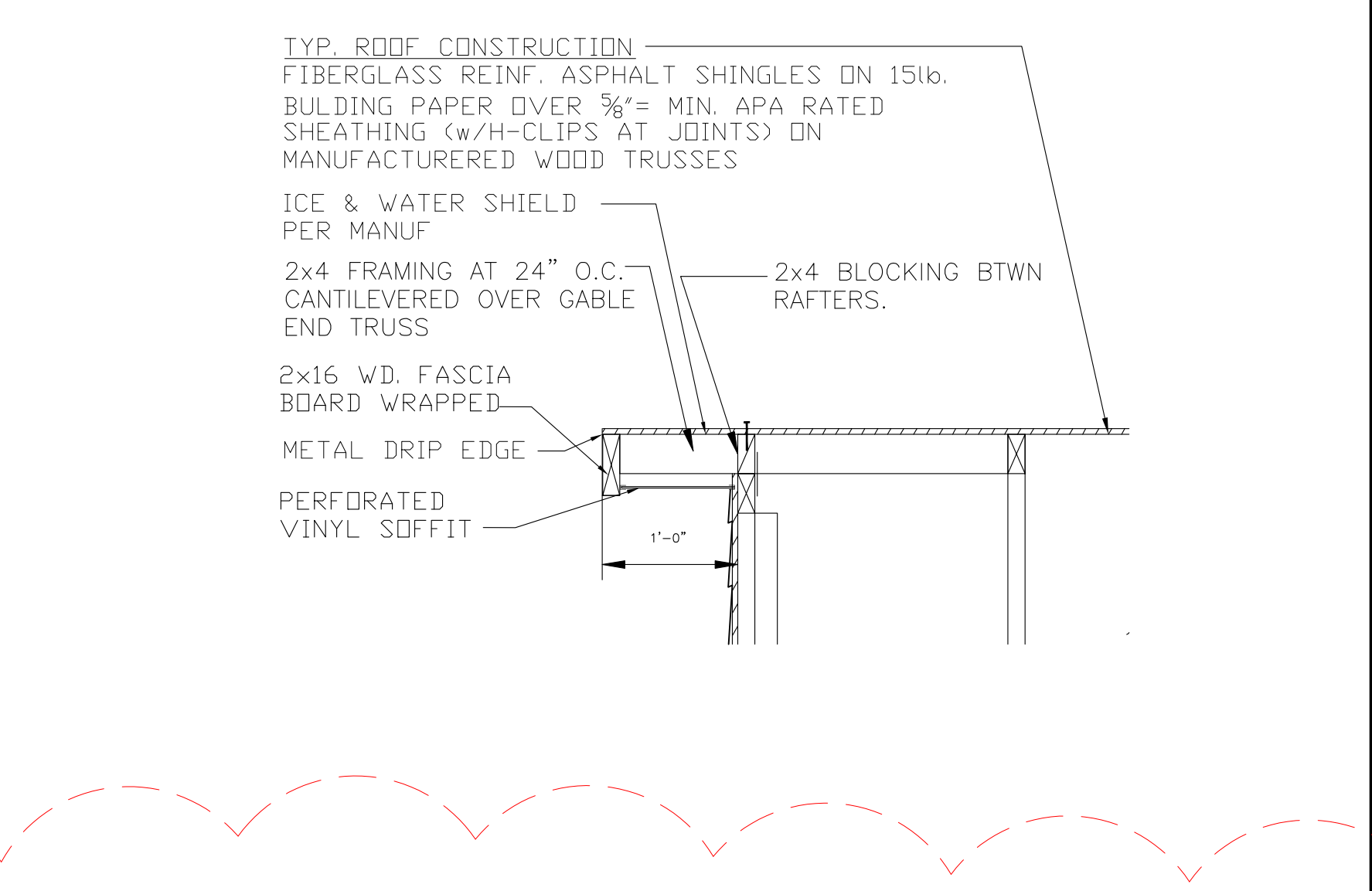
2 DOWNSPOUT DETAIL THRU DECK
SCALE: 3/4" = 1'-0"

3 DETAIL @ REAR EXT. WALL WALKOUT
SCALE: 3/4" = 1'-0"

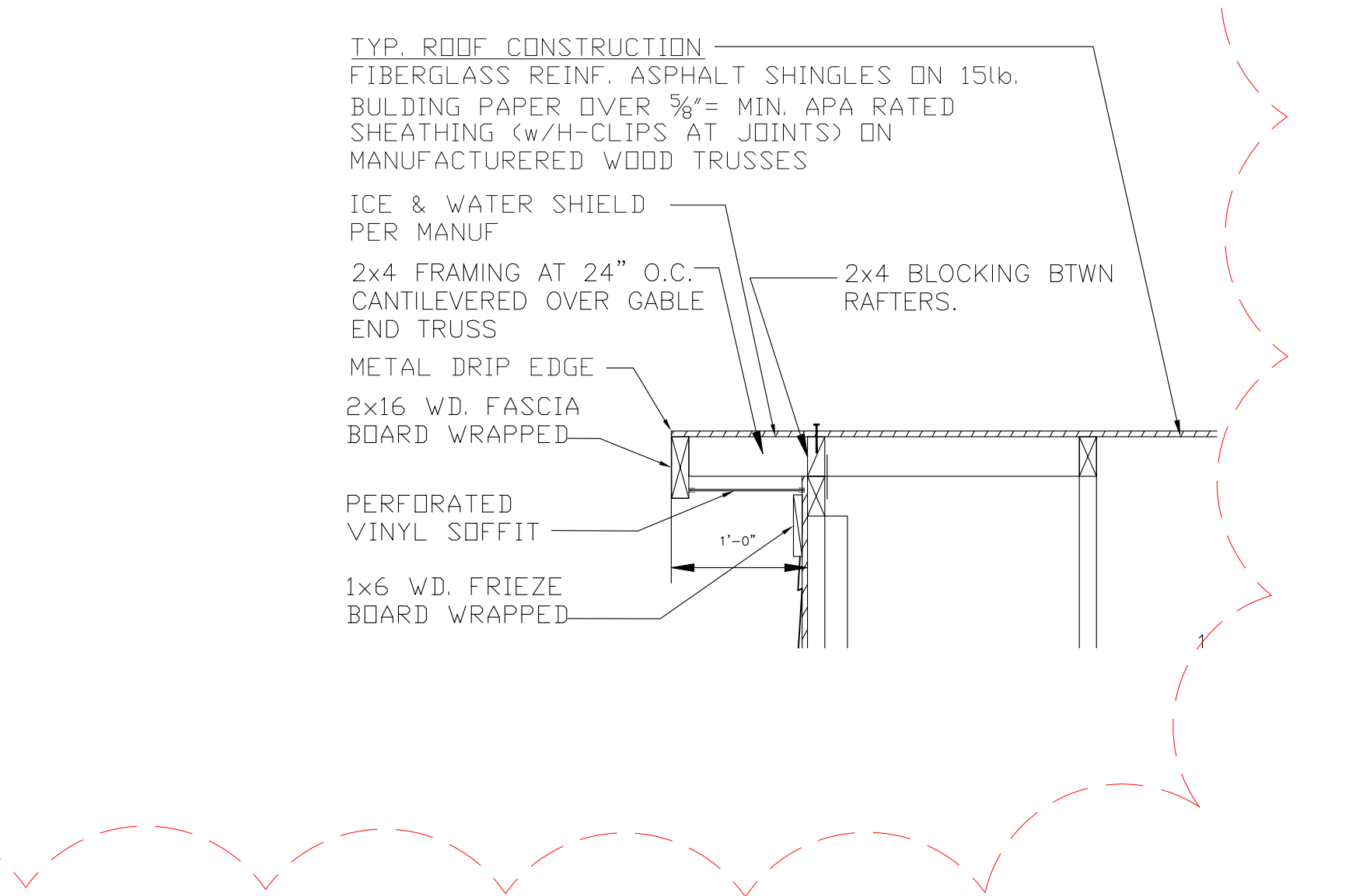
4 RETAINING WALL DETAIL
SCALE: 3/4" = 1'-0"



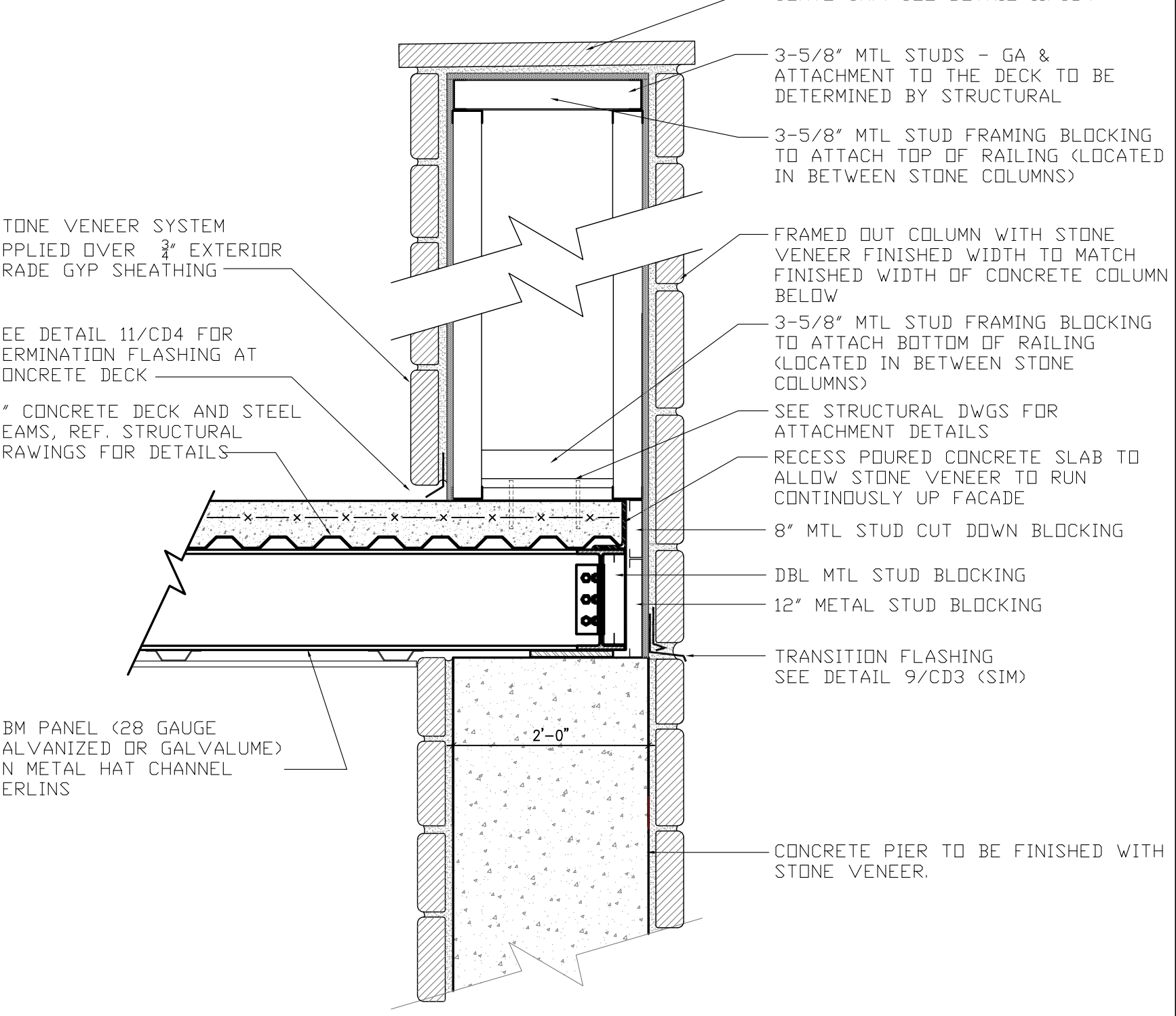
5 TYPICAL SOFFIT DETAIL
N.T.S.



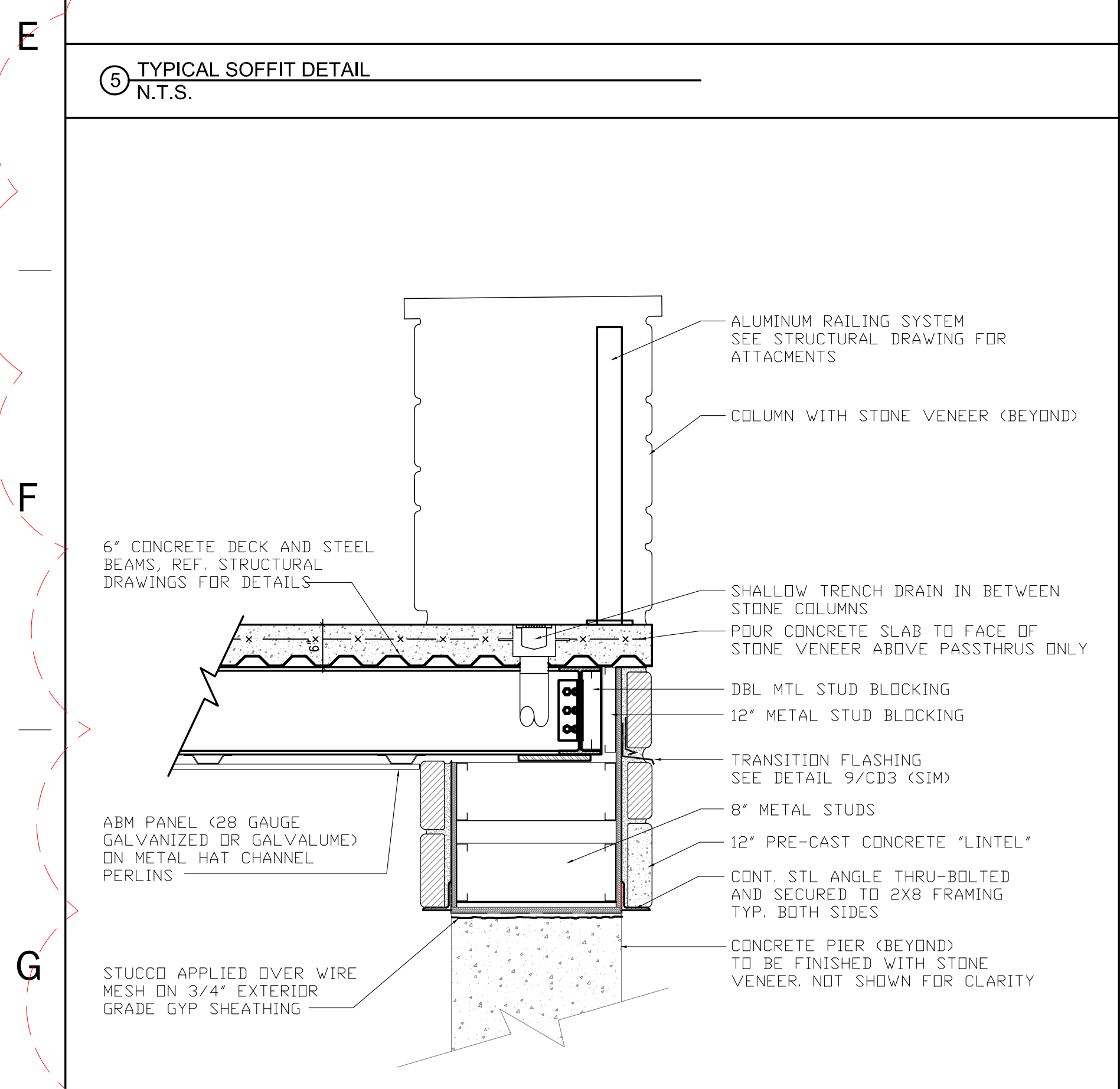
6 GABLE END EAVE DETAIL
N.T.S.



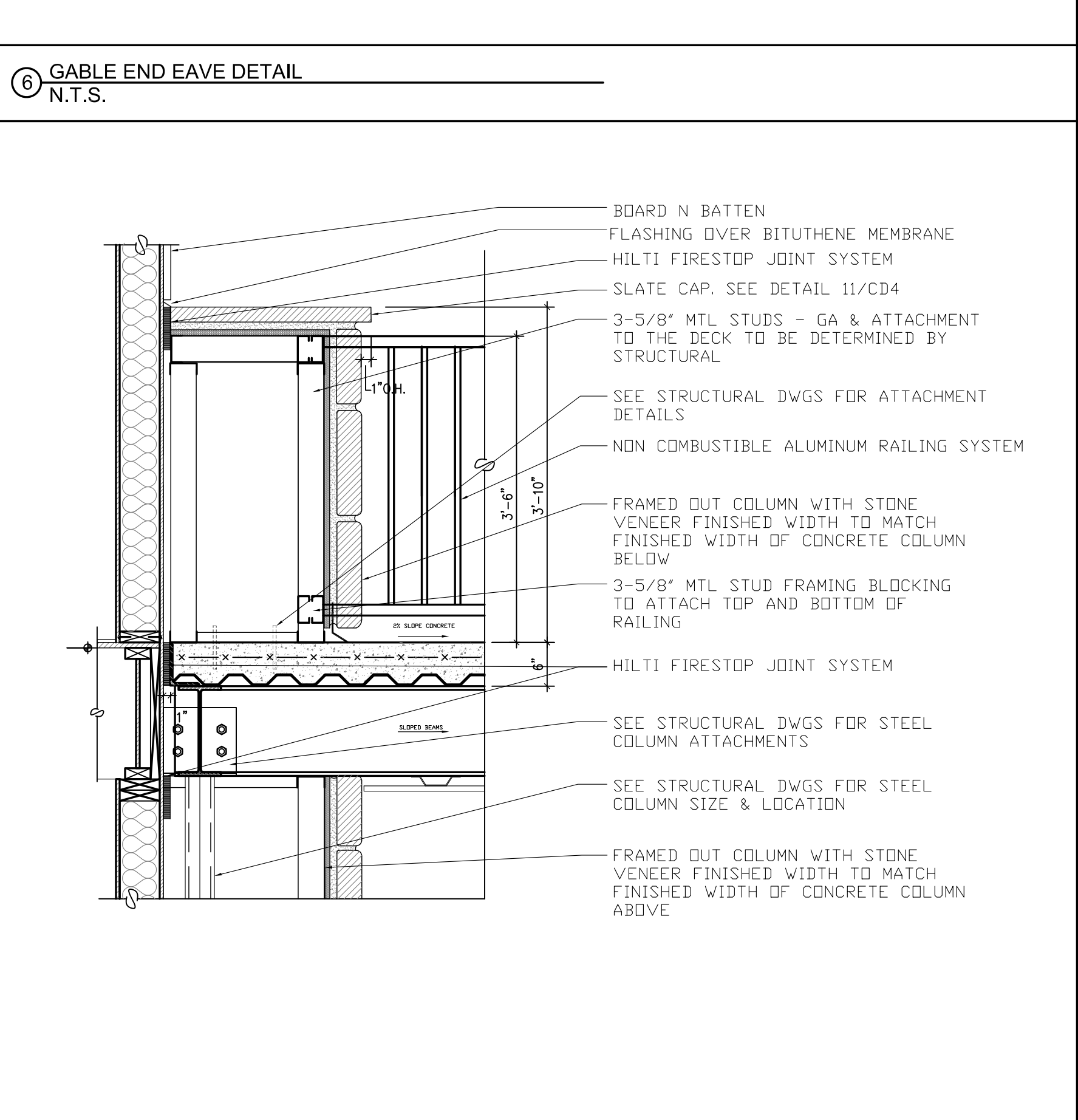
7 GABLE END EAVE W/ FRIEZE BOARD DETAIL
N.T.S.



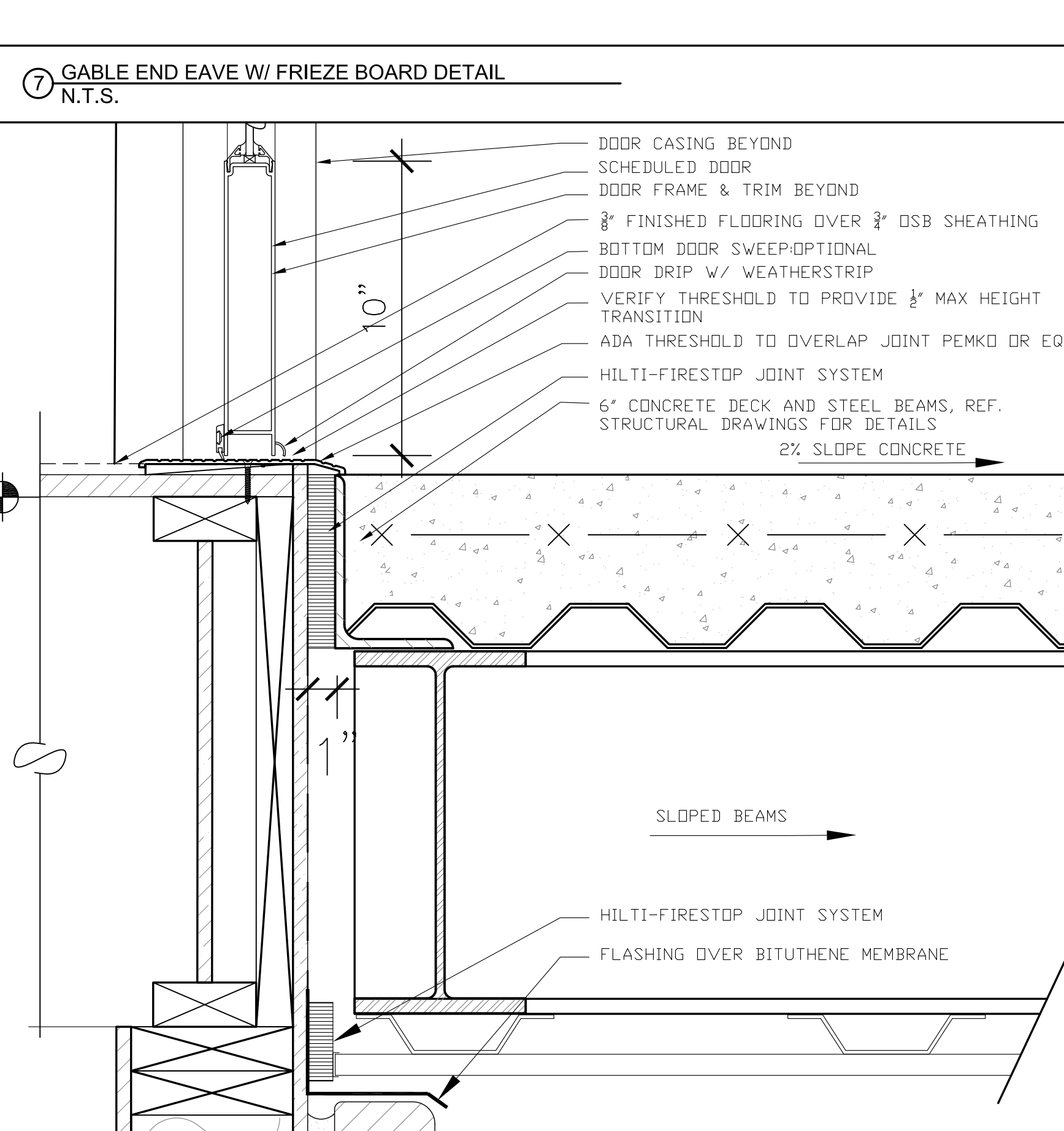
8 DETAIL THRU DECK PIER
SCALE: 3/4" = 1'-0"



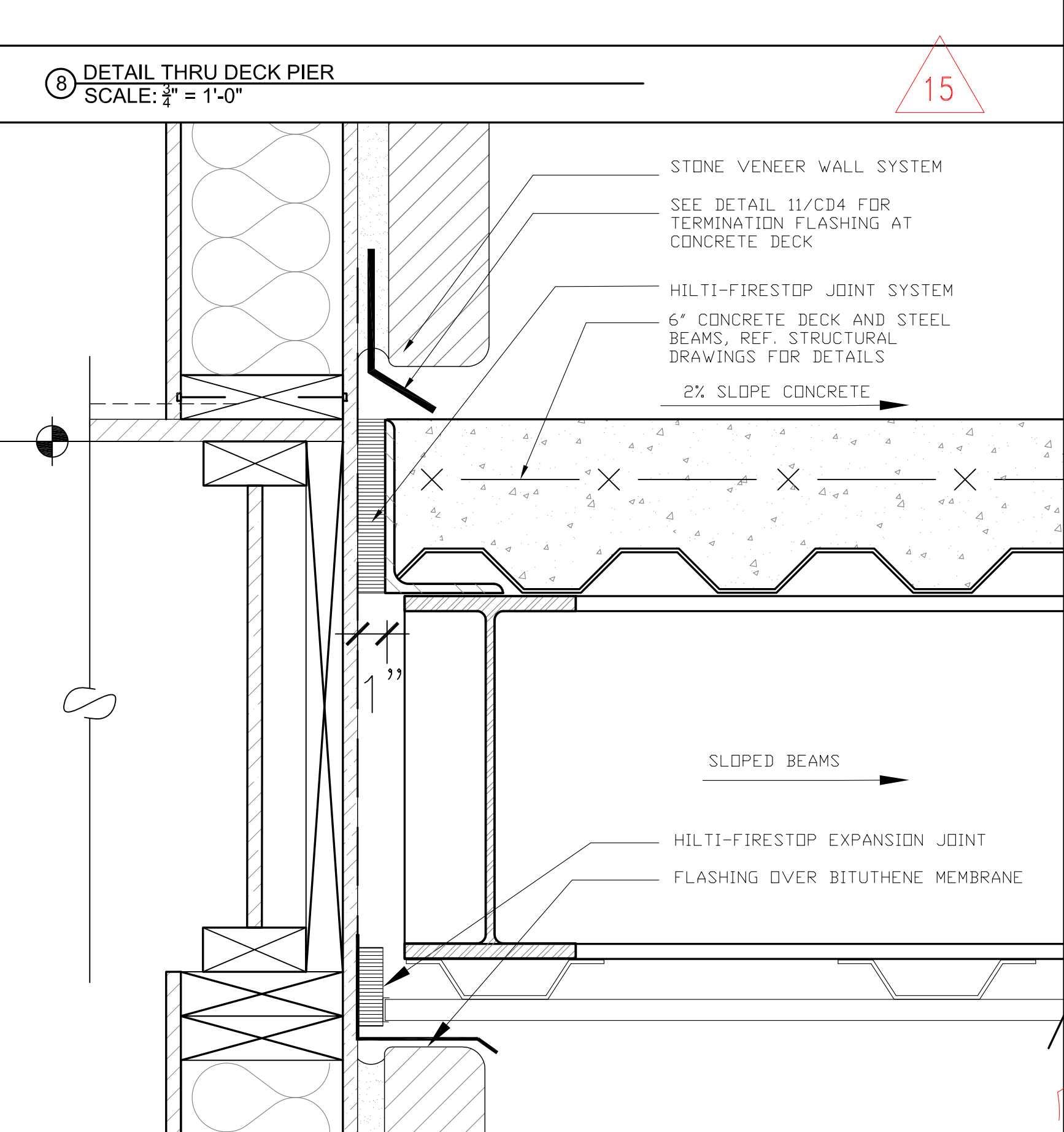
9 DECK DETAIL THRU TRENCH DRAIN, RAILING AND HEADER
SCALE: 3/4" = 1'-0"



10 DECK DETAIL THRU PIER W/ PIPE COLUMN
N.T.S.



11 DECK DETAIL THRU THRESHOLD
SCALE: 3/4" = 1'-0"

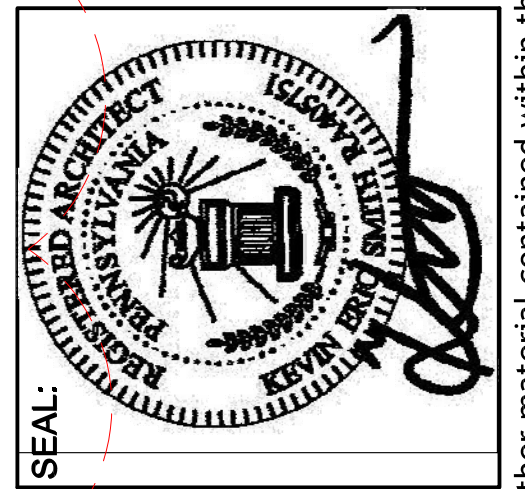


12 FIRESTOP JOINT SYSTEM DETAIL @ DECK
SCALE: 3/4" = 1'-0"

NOT USED

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REVISIONS	Description	CHG'd BY	DATE
1	ELEVATOR REVISIONS	KES	03.13.21
2	ELEVATOR SHOPS	KES	03.13.21
3	FIREBLOCKING REVISIONS & STAIR REVISION	KES	03.28.21
4	REV REDLINES FROM BCI 4.5.21	KES	04.28.21
5	DECK ADDITION	KES	03.24.22



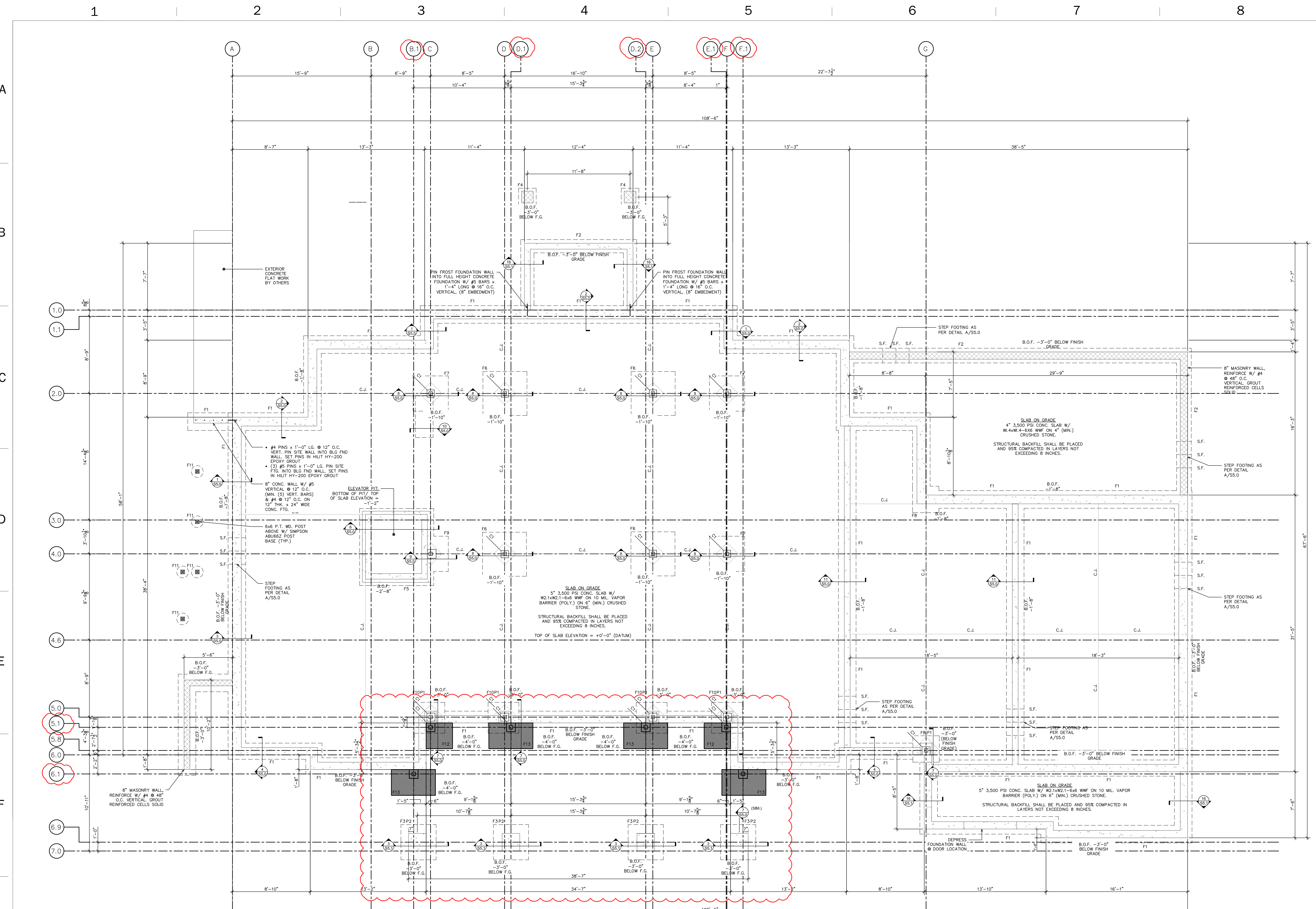
WOODLANDS AT GREYSTONE
SCULTHORPE DR. WEST GOSHEN TOWNSHIP
CHESTER COUNTY, PA

Project number: 18-053
Date: 2021-02-08
Scale: AS SHOWN
Sheet no.

Drawn by: BG
Checked by: SC
Approved by: KS

CD-5

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STEEL COLUMN SCHEDULE

MARK	SIZE	BASE PLATE (WHERE REQUIRED)	REMARKS
C2	HSS4x4x3/8"	8"x7"x0"-11"	UPPER LEVEL
C1	HSS5x5x5/16"	8"x12"x0"-12"	LOWER LEVEL

FOOTING SCHEDULE

MARK	FOOTING SIZE	REINFORCEMENT	COMMENTS
F1	2'-0" x 12" x CONT.	(3) #5 x CONT. & #4 @ 24" TRANS	TYPICAL EXT. WALL
F2	2'-0" x 12" x CONT.	(3) #4 x CONT.	ELEVATED PATIO PIERS
F3	4'-0"x4'-0"x12"	(5) #5 BOT. E.W.	—
F4	2'-0"x2'-0"x12"	(3) #4 BOT. E.W.	—
F5	11'-0"x6'-6"x16"	#5 12" O.C. TOP & BOT. E.W.	ELEVATOR
F6	3'-0"x5'-0"x14"	(7) #5 BOT. E.W.	INTERIOR COLUMN
F7	4'-0"x4'-0"x14"	(4) #5 BOT. E.W.	INTERIOR COLUMN
F8	3'-0"x3'-0"x12"	(4) #5 BOT. E.W.	STEEL COLUMN
F9	4'-0"x4'-0"x18"	(6) #5 BOT. E.W.	—
F10	3'-6"x3'-6"x12"	(6) #5 BOT. E.W.	—
F11	14" DIA. x 36" BELOW F.G.	—	SIDE EGRESS

PIER SCHEDULE

MARK	SIZE	CONC. MAS.	REINFORCING	REMARKS
P1	16"x16"	X	(8) #6 VERTICAL	—
P2	24"x24"	X	(8) #8 VERTICAL	—

FOOTING SCHEDULE CONT.

MARK	FTG SIZE	REINFORCEMENT	COMMENTS
F12	36"x36"x24"	#5 @ 12" O.C. TOP & BOT. E.W.	-4'-0" DEEP FTG
F13	60"x36"x24"	#5 @ 12" O.C. TOP & BOT. E.W.	-4'-0" DEEP FTG

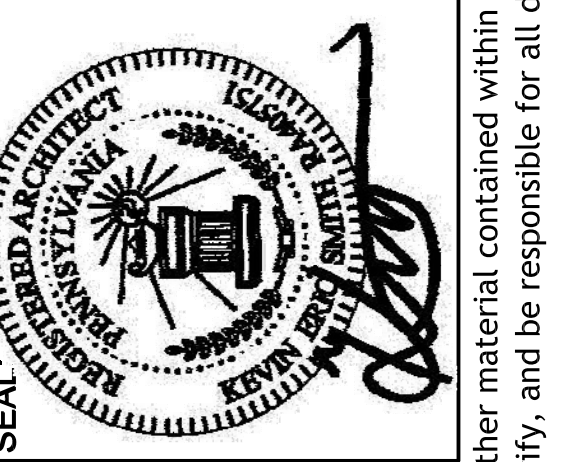
1 FOUNDATION PLAN
SCALE 1/4" = 1'-0"

- FOUNDATION NOTES:**
- SEE SHEET S0.0 FOR STRUCTURAL NOTES, ABBREVIATIONS AND SYMBOLS.
 - SEE SHEET S5.0 FOR TYPICAL FOOTING AND FOUNDATION DETAILS.
 - TOP OF SLAB ELEVATION = +0'-0"
 - BOTTOM OF EXTERIOR FOOTING ELEVATION (B.O.F.) AT WALL = -3'-0"
 - LAP REINFORCING AS FOLLOWS:
 - #4-14"
 - #5-24"
 - PROVIDE #5 DOWELS FROM FOOTING INTO MASONRY WALLS. EXTEND DOWELS TO 3" CLEAR BOTTOM OF FOOTING. HOOK DOWELS AT BOTTOM OF FOOTING.
 - FOOTINGS FOR WALLS NOT NOTED SHALL BE 12" THICK WITH A MINIMUM PROJECTION OF 4" EACH SIDE. REINFORCING W/ 2-#5 CONTINUOUS. AND 1-#5 CONTINUOUS FOR EACH 6" WIDTH OVER 24". SEE S1.0 FOR DOWELS INTO PIERS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DIMENSIONS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DIMENSIONS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DIMENSIONS.



REVISIONS

Date	No.	Description	CHK'd by
11/18/21	01	ELEVATOR REVISIONS	KES
03/11/21	02	ELEVATOR SHOPS	
03/28/21	09	FIREBLOCKING REVISIONS & STAIR REVISION	
04/28/21	10	REV REDLINES FROM BCI 4.5.21	
03/25/22	15	DECK ADDITION	



ISSUED FOR PERMIT

WOODLANDS AT GREYSTONE
SCULTHORPE DR. WEST GOSHEN TOWNSHIP
CHESTER COUNTY, PA

FOUNDATION PLAN

PROJECT NUMBER: 18-053
DATE: 2021-02-08
SCALE: AS SHOWN

DRAWN BY: BG
CHECKED BY: SC
APPROVED BY: KS

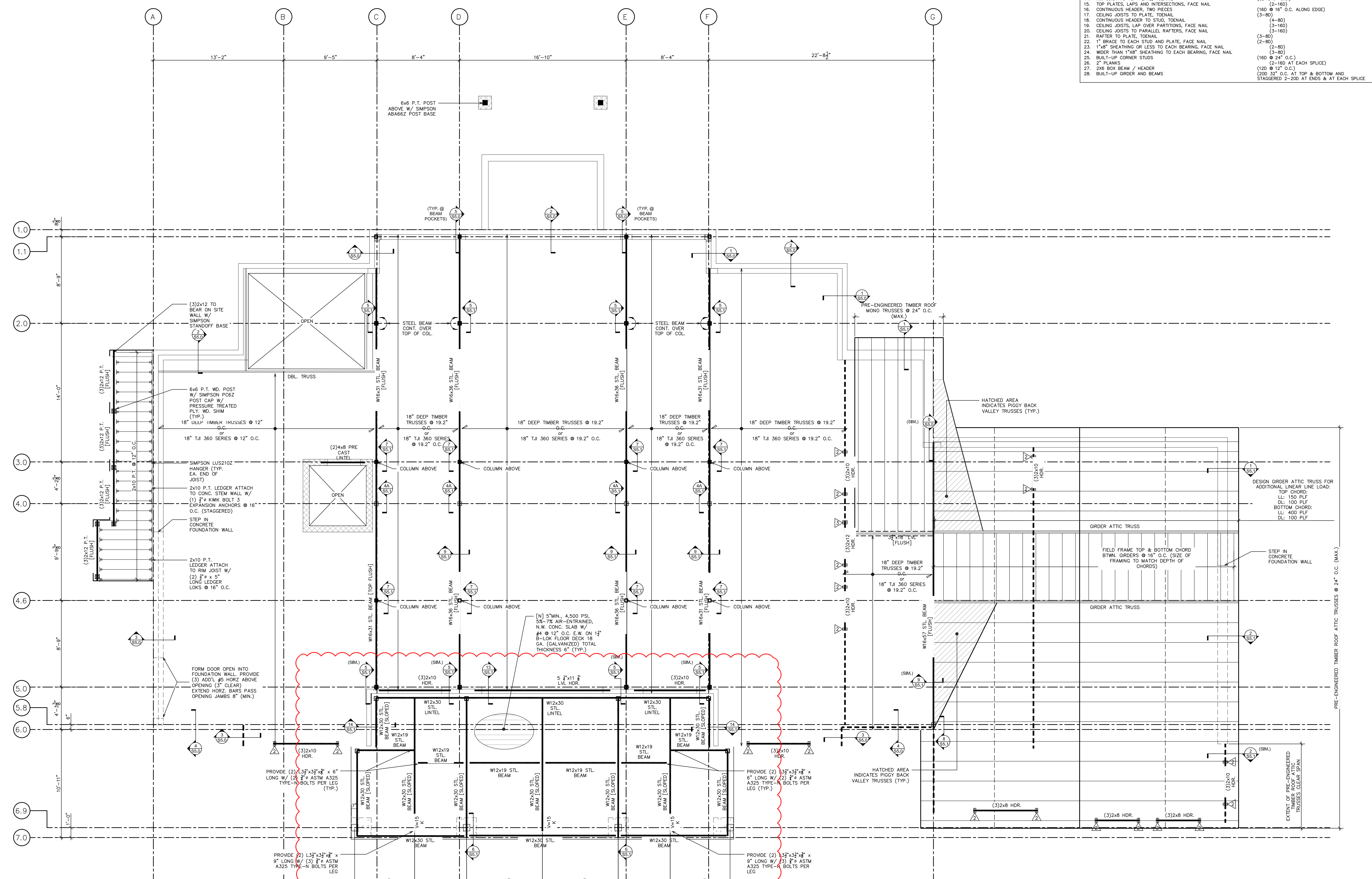
LOCATIONS: [Blank]

1 2 3 4 5 6 7 8

WOOD BEARING WALL SCHEDULE						
FLOOR LEVEL	TYPICAL EXTERIOR WALL			TYPICAL INTERIOR BEARING WALLS		
	STUD SIZE & SPACING	STUD GRADE	PLATE GRADE	STUD SIZE & SPACING	STUD GRADE	PLATE GRADE
0	2x6 @ 16" O.C.	HEM-FIR NO. 2	HEM-FIR NO. 2	2x4 @ 16" O.C.	HEM-FIR NO. 2	HEM-FIR NO. 2
1	16" O.C.	HEM-FIR NO. 2	HEM-FIR NO. 2	2x4 @ 16" O.C.	HEM-FIR NO. 2	HEM-FIR NO. 2

CONNECTION TYPE:		NAILING PATTERN UNLESS NOTED OTHERWISE:	
1. JOIST TO SILL OR GIRDER, TOENAIL	(3-8D)	1. JOIST TO SILL OR GIRDER, TOENAIL	(2-8D)
2. BRIDGING TO JOIST, TOENAIL EACH END	(2-8D)	2. BRIDGING TO JOIST, TOENAIL EACH END	(2-8D)
3. 1"x6" SUBFLOOR TO JOIST, FACE NAIL	(3-8D)	3. 1"x6" SUBFLOOR TO JOIST, FACE NAIL	(3-8D)
4. WIDER THAN 1"x6" SUBFLOOR TO JOIST, FACE NAIL	(2-16D)	4. WIDER THAN 1"x6" SUBFLOOR TO JOIST, FACE NAIL	(2-16D)
5. 2" SUBFLOOR TO GIRDER, BLIND AND FACE NAIL	(3-16D PER 16")	5. 2" SUBFLOOR TO GIRDER, BLIND AND FACE NAIL	(3-16D PER 16")
6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	(160 @ 16" O.C.)	6. SOLE PLATE TO JOIST OR BLOCKING, TYPICAL FACE NAIL	(160 @ 16" O.C.)
7. SOLE PLATE TO JOIST OR BLOCKING, AT BRACED W. PANELS	(2-16D)	7. SOLE PLATE TO JOIST OR BLOCKING, AT BRACED W. PANELS	(2-16D)
8. TOP PLATE TO STUD, END NAIL	(160 @ 24" O.C.)	8. TOP PLATE TO STUD, END NAIL	(160 @ 24" O.C.)
9. STUD TO SOLE PLATE	(160 @ 16" O.C.)	9. STUD TO SOLE PLATE	(160 @ 16" O.C.)
10. DOUBLE STUDS, FACE NAIL	(8-16D)	10. DOUBLE STUDS, FACE NAIL	(8-16D)
11. DOUBLE TOP PLATES, TYPICAL FACE NAIL	(3-8D)	11. DOUBLE TOP PLATES, TYPICAL FACE NAIL	(3-8D)
12. DOUBLE TOP PLATES, LAP SPLICE	(2-16D)	12. DOUBLE TOP PLATES, LAP SPLICE	(2-16D)
13. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	(160 @ 16" O.C. ALONG EDGE)	13. BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE, TOENAIL	(160 @ 16" O.C. ALONG EDGE)
14. RIM JOIST TO TOP PLATE, TOENAIL	(8D @ 6" O.C.)	14. RIM JOIST TO TOP PLATE, TOENAIL	(8D @ 6" O.C.)
15. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	(2-16D)	15. TOP PLATES, LAPS AND INTERSECTIONS, FACE NAIL	(2-16D)
16. CONTINUOUS HEADER, TWO PIECES	(3-8D)	16. CONTINUOUS HEADER, TWO PIECES	(3-8D)
17. CEILING JOISTS TO PLATE, TOENAIL	(2-16D AT EACH SPLICE)	17. CEILING JOISTS TO PLATE, TOENAIL	(2-16D AT EACH SPLICE)
18. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	(3-16D)	18. CEILING JOISTS TO PARALLEL RAFTERS, FACE NAIL	(3-16D)
19. RAFTERS TO PLATE, TOENAIL	(2-8D)	19. RAFTERS TO PLATE, TOENAIL	(2-8D)
20. CEILING JOISTS TO PERPENDICULAR RAFTERS, FACE NAIL	(2-8D)	20. CEILING JOISTS TO PERPENDICULAR RAFTERS, FACE NAIL	(2-8D)
21. RAFTERS TO PLATE, TOENAIL	(2-8D)	21. RAFTERS TO PLATE, TOENAIL	(2-8D)
22. 1" BRACE TO EACH STUD AND PLATE, FACE NAIL	(2-8D)	22. 1" BRACE TO EACH STUD AND PLATE, FACE NAIL	(2-8D)
23. 1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL	(3-8D)	23. 1"x8" SHEATHING OR LESS TO EACH BEARING, FACE NAIL	(3-8D)
24. WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL	(3-8D)	24. WIDER THAN 1"x8" SHEATHING TO EACH BEARING, FACE NAIL	(3-8D)
25. BUILT-UP CORNER STUDS	(160 @ 24" O.C.)	25. BUILT-UP CORNER STUDS	(160 @ 24" O.C.)
26. 2" PLANKS	(200 @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-200 AT ENDS & AT EACH SPLICE)	26. 2" PLANKS	(200 @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-200 AT ENDS & AT EACH SPLICE)
27. 2x6 BOX BEAM / HEADER	(120 @ 12" O.C.)	27. 2x6 BOX BEAM / HEADER	(120 @ 12" O.C.)
28. BUILT-UP GIRDER AND BEAMS	(200 @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-200 AT ENDS & AT EACH SPLICE)	28. BUILT-UP GIRDER AND BEAMS	(200 @ 32" O.C. AT TOP & BOTTOM AND STAGGERED 2-200 AT ENDS & AT EACH SPLICE)

A
B
C
D
E
F
G

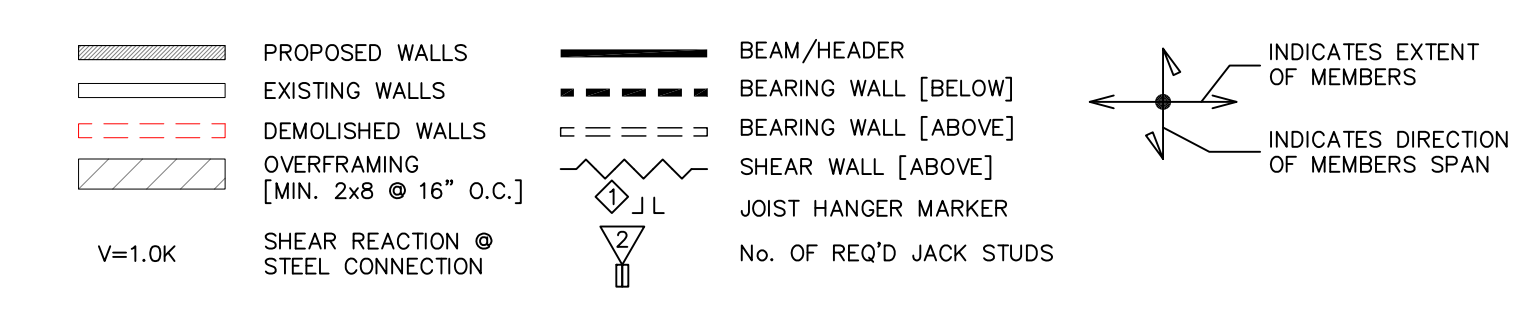


1 FIRST FLOOR FRAMING PLAN
SCALE 1/4" = 1'-0"

- FLOOR FRAMING NOTES
- SEE SHEET 50.0 FOR STRUCTURAL NOTES, ABBREVIATIONS AND SYMBOLS.
 - TOP OF FLOOR JOIST ELEVATION = +10'-10"
 - TOP OF FLOOR SHEATHING ELEVATION = +10'-11"
 - TOP OF STEEL ELEVATION = +10'-9"
 - REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS OF RAMPS AND PARTITIONS WALLS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION AND DIMENSIONS.

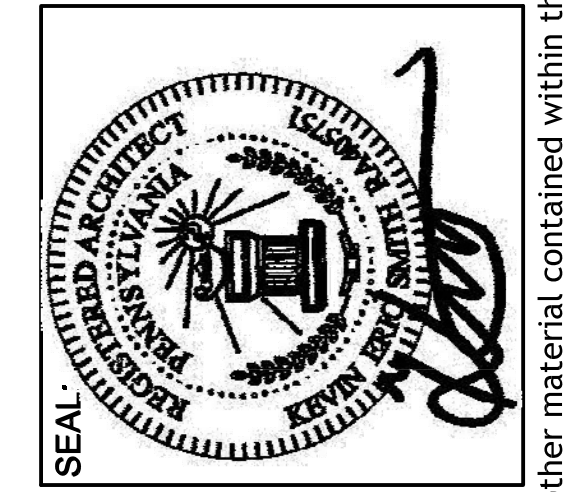
STEEL COLUMN SCHEDULE			
MARK	SIZE	BASE PLATE (WHERE REQUIRED)	REMARKS
C2	HSS4x4x3/8"	8"x8"x11"	UPPER LEVEL
C1	HSS5x5x1/8"	8"x12"x12"	LOWER LEVEL

- UNLESS NOTED OTHERWISE:
- PROVIDE 4-3/4x1-6x2" ANCHOR RODS W/ DOUBLE NUT. EXTEND 1'-0" INTO PIER.
 - PROVIDE 1" NON-SHRINK GROUT BELOW BASE PLATE.
 - STEEL COLUMNS SHALL EXTEND FROM PIER/ FOOTING TO FLOOR BEARING ELEVATION. USE 1/4" COLUMN CAP PLATE AT TOP U.N.O.



Sa
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REVISIONS	
Date	Description
1.18.21 01	ELEVATOR REVISIONS
03.11.21 02	ELEVATOR SHOPS
03.26.21 09	FIREBLOCKING REVISIONS & STAIR REVISION
04.28.21 10	REV REDLINES FROM BCI 4.5.21
03.25.22 15	DECK ADDITION

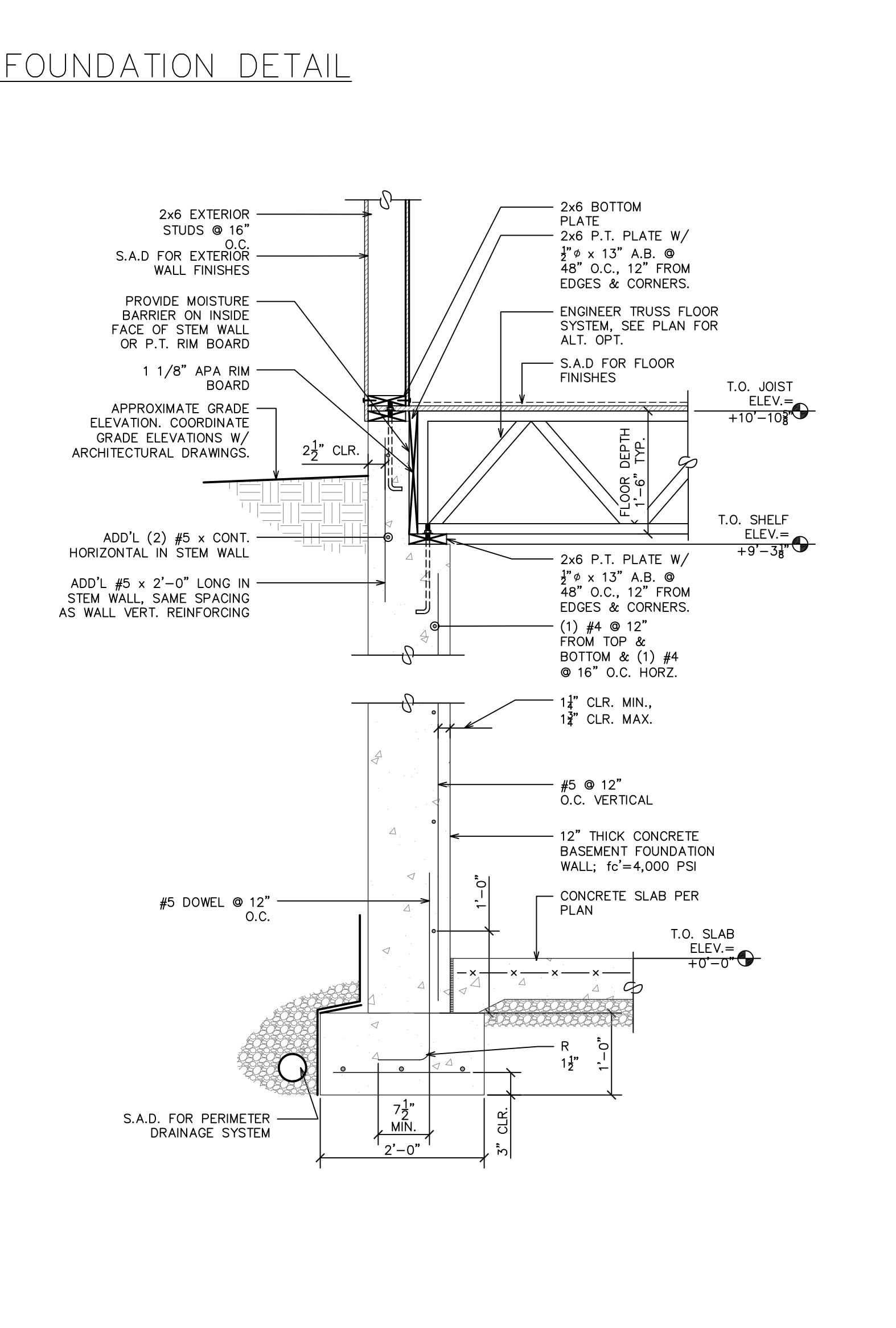
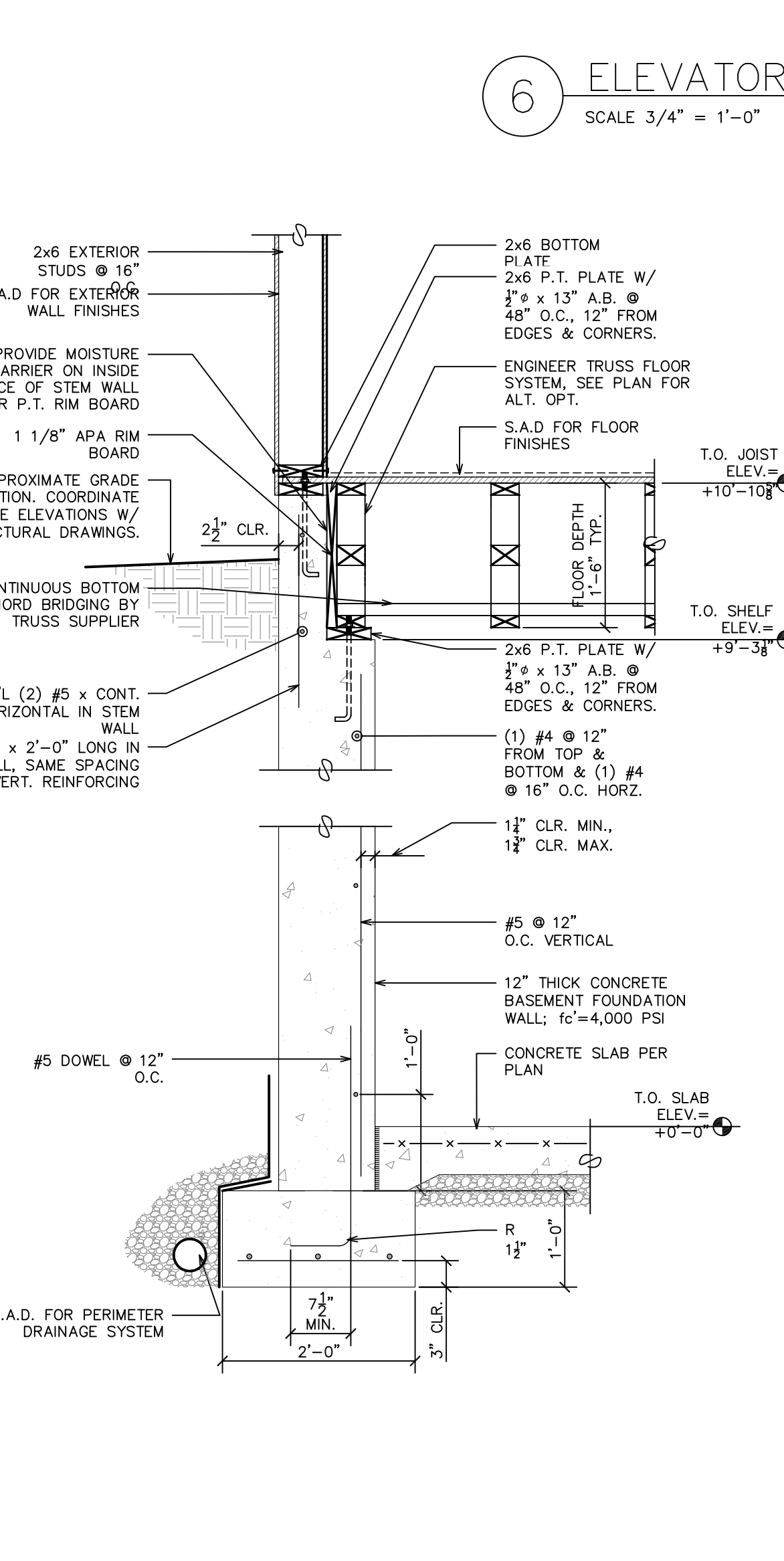
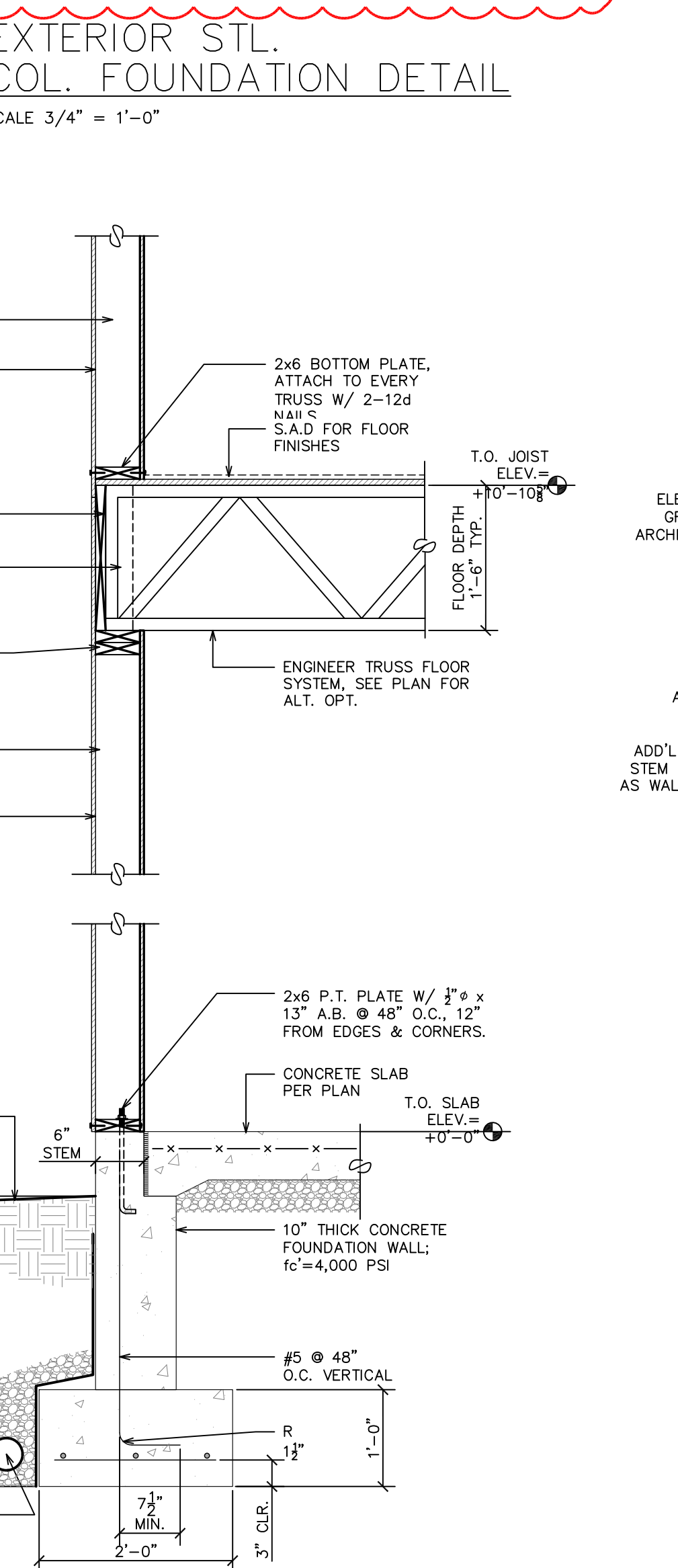
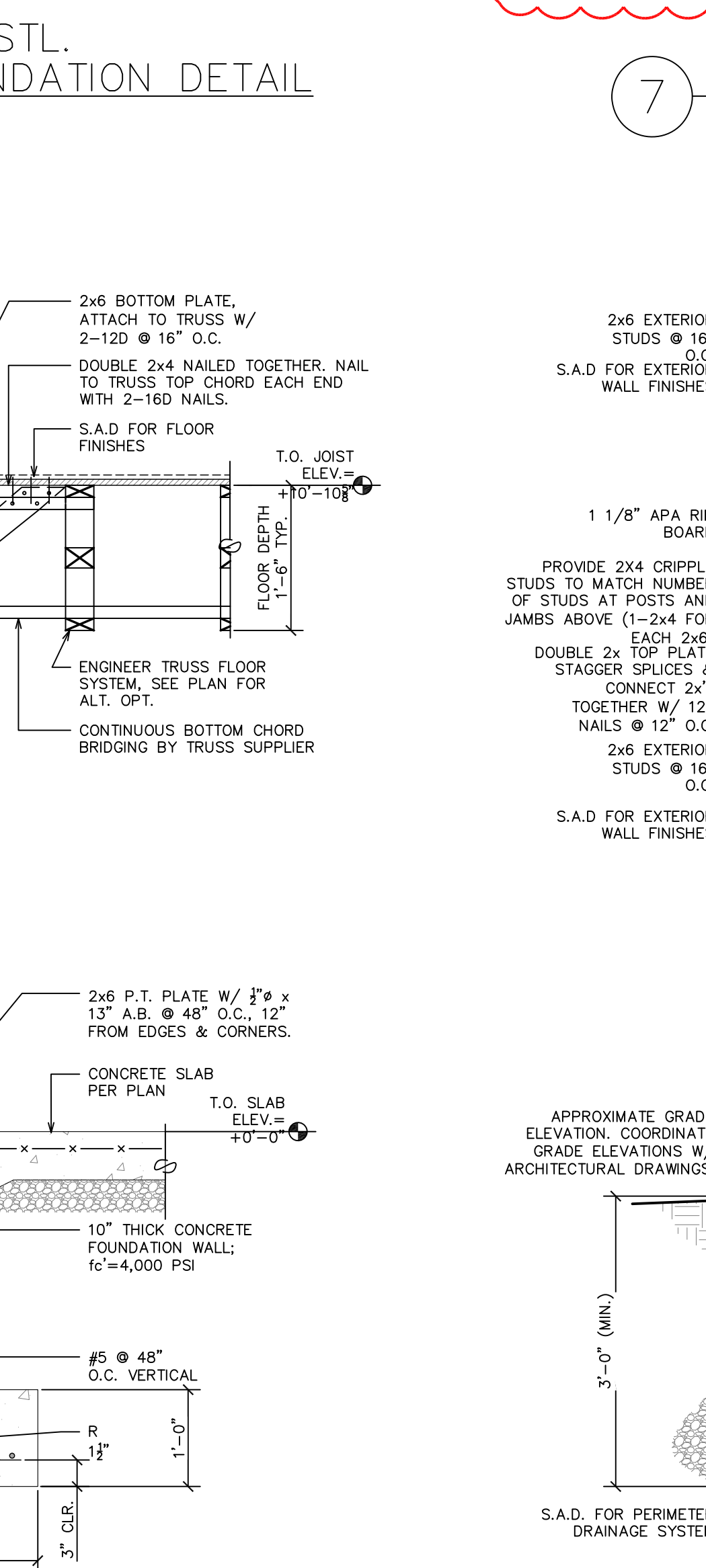
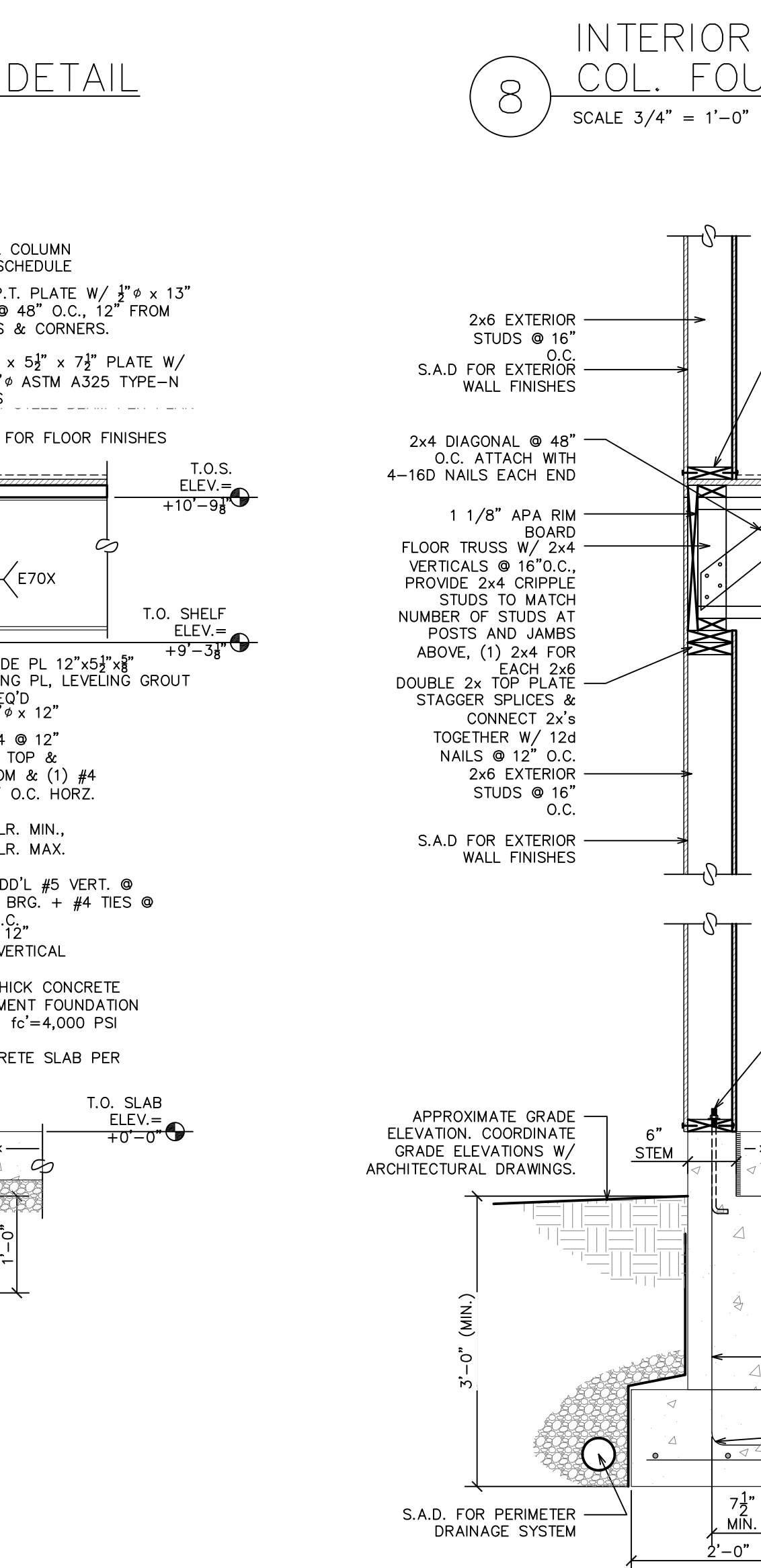
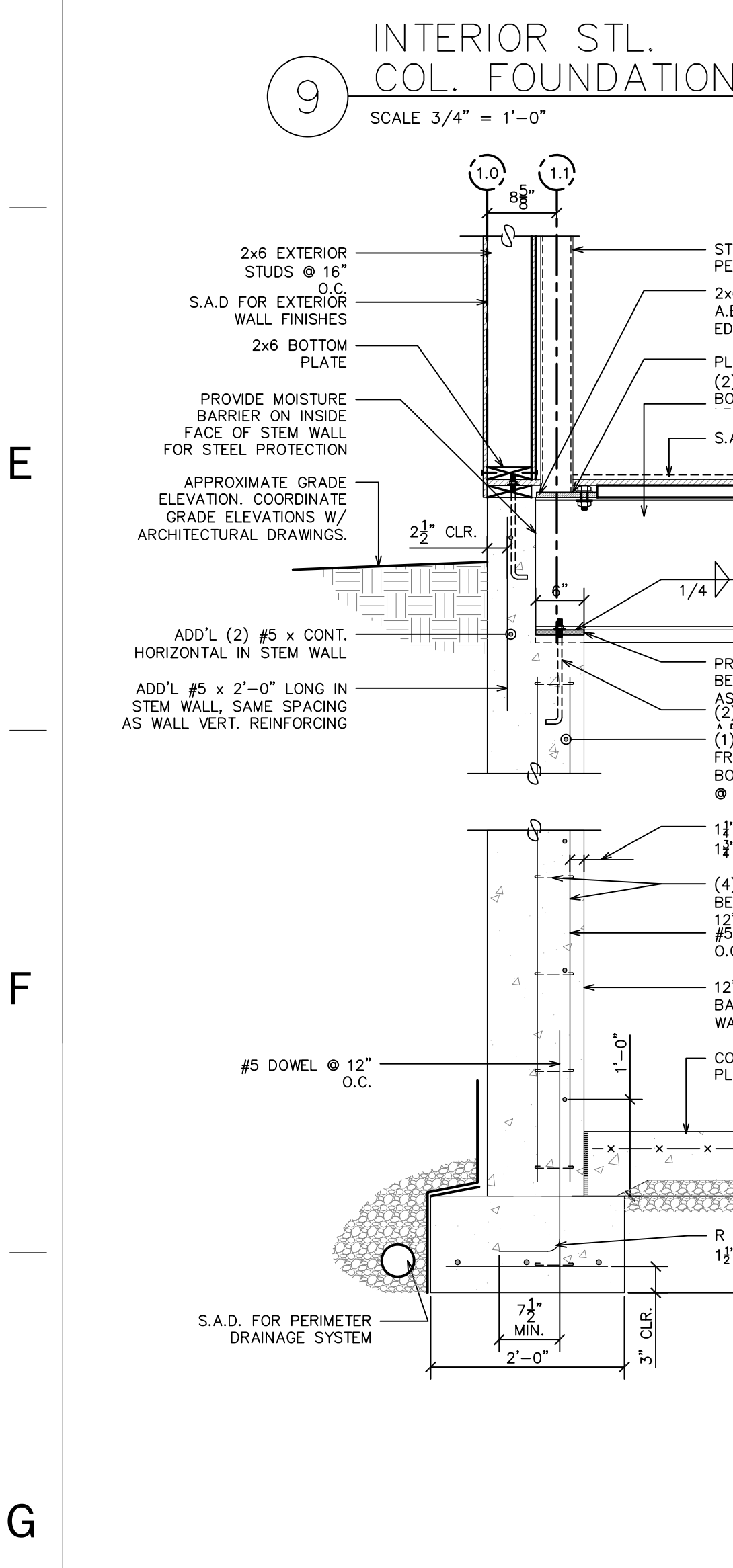
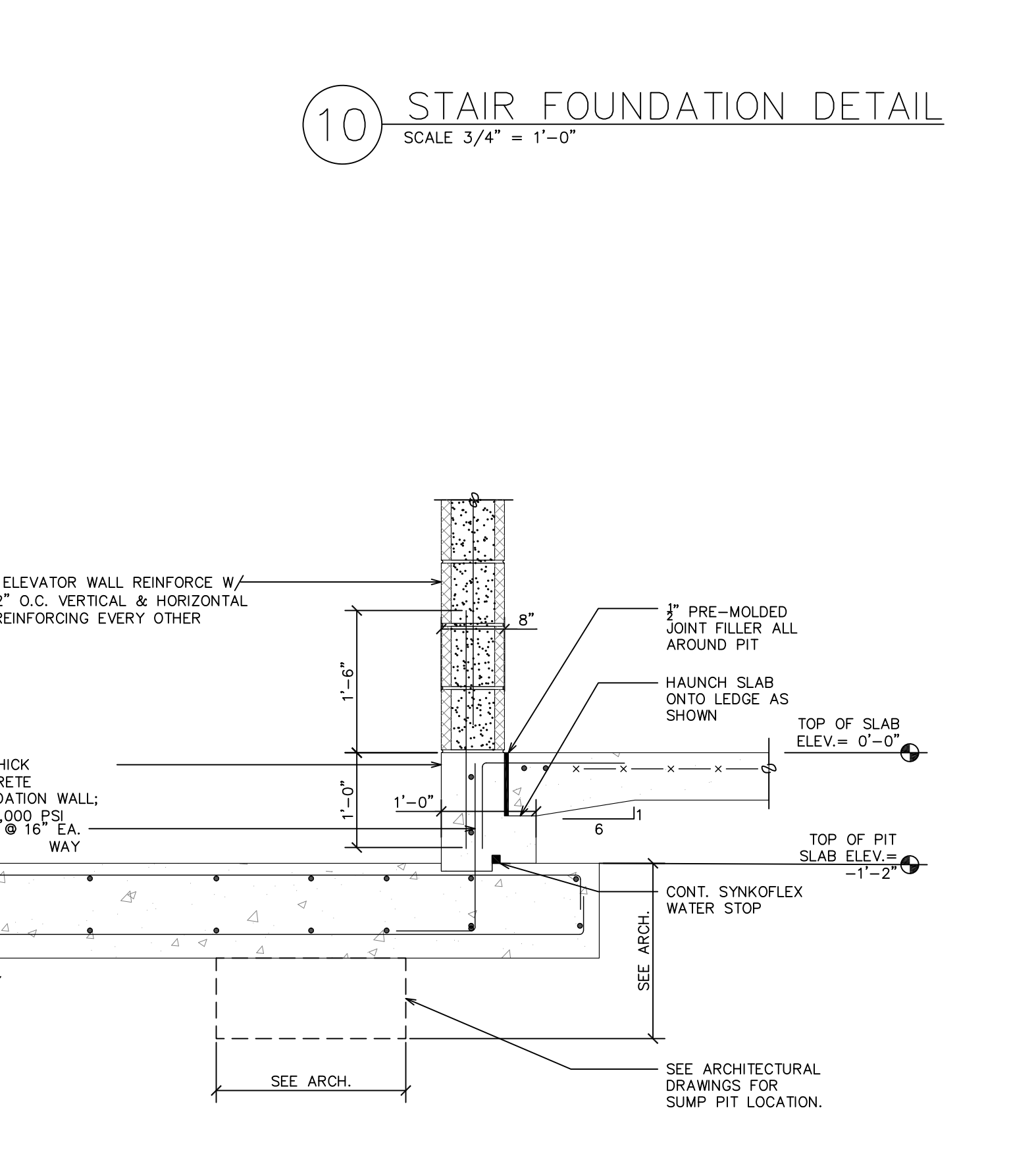
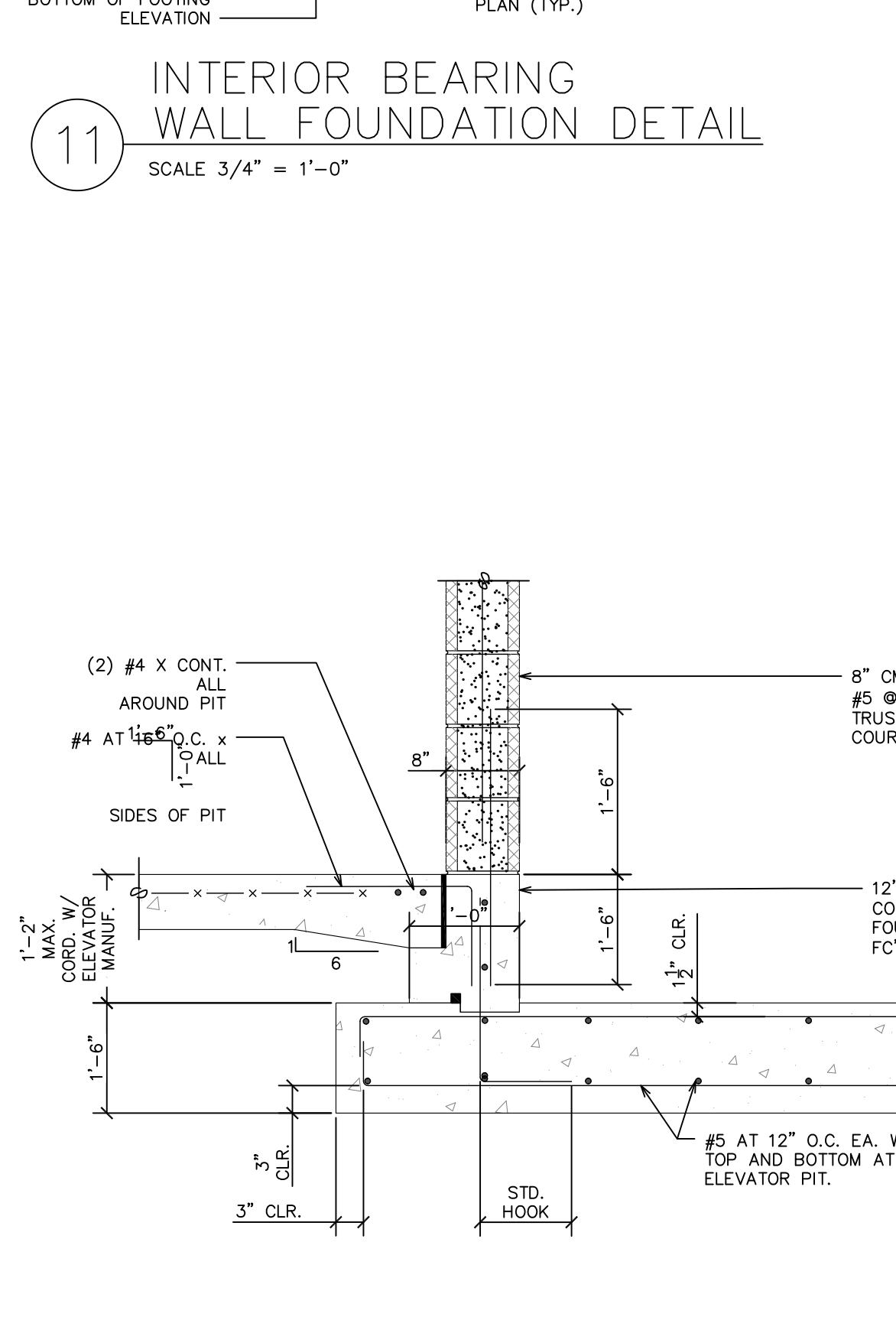
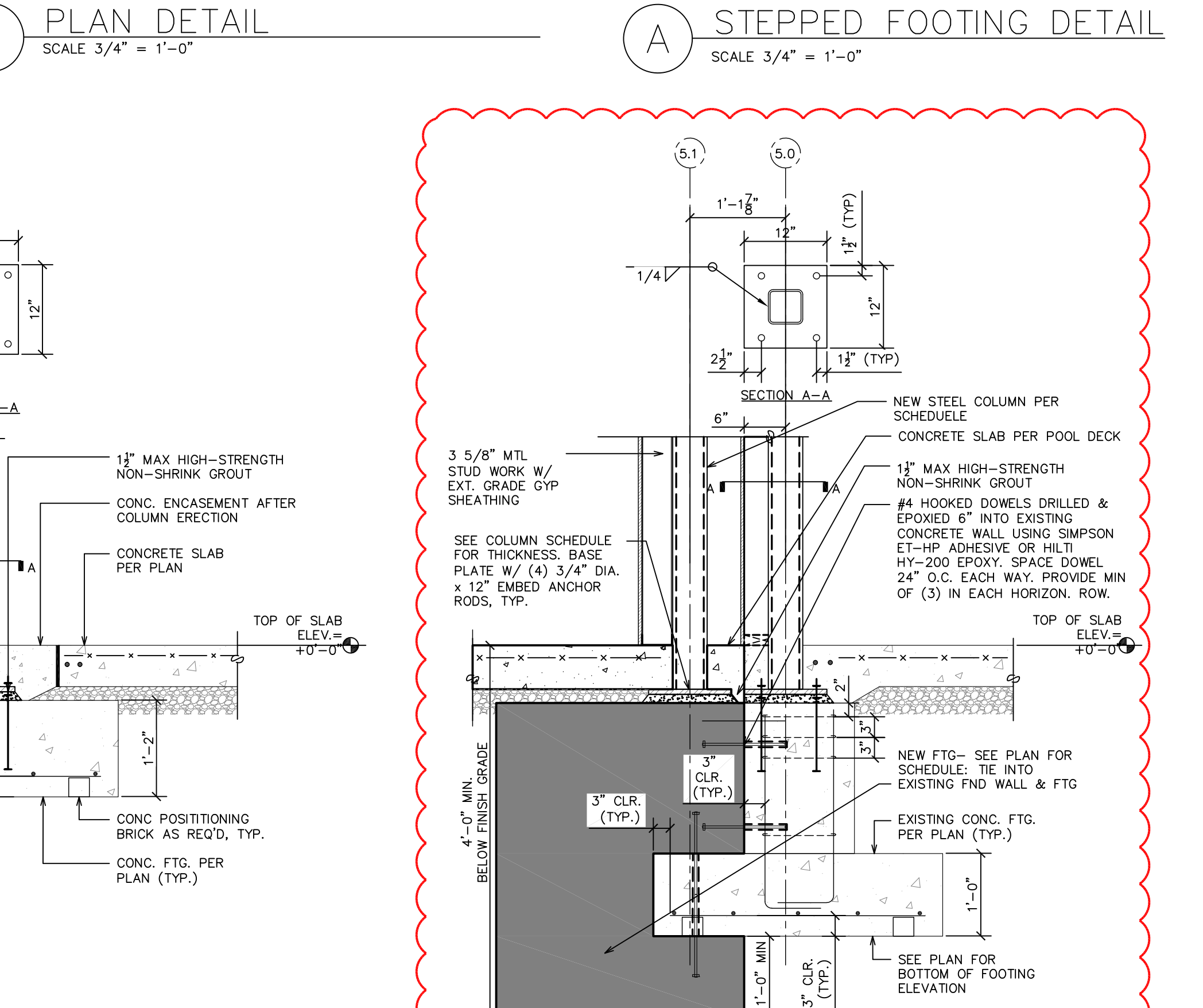
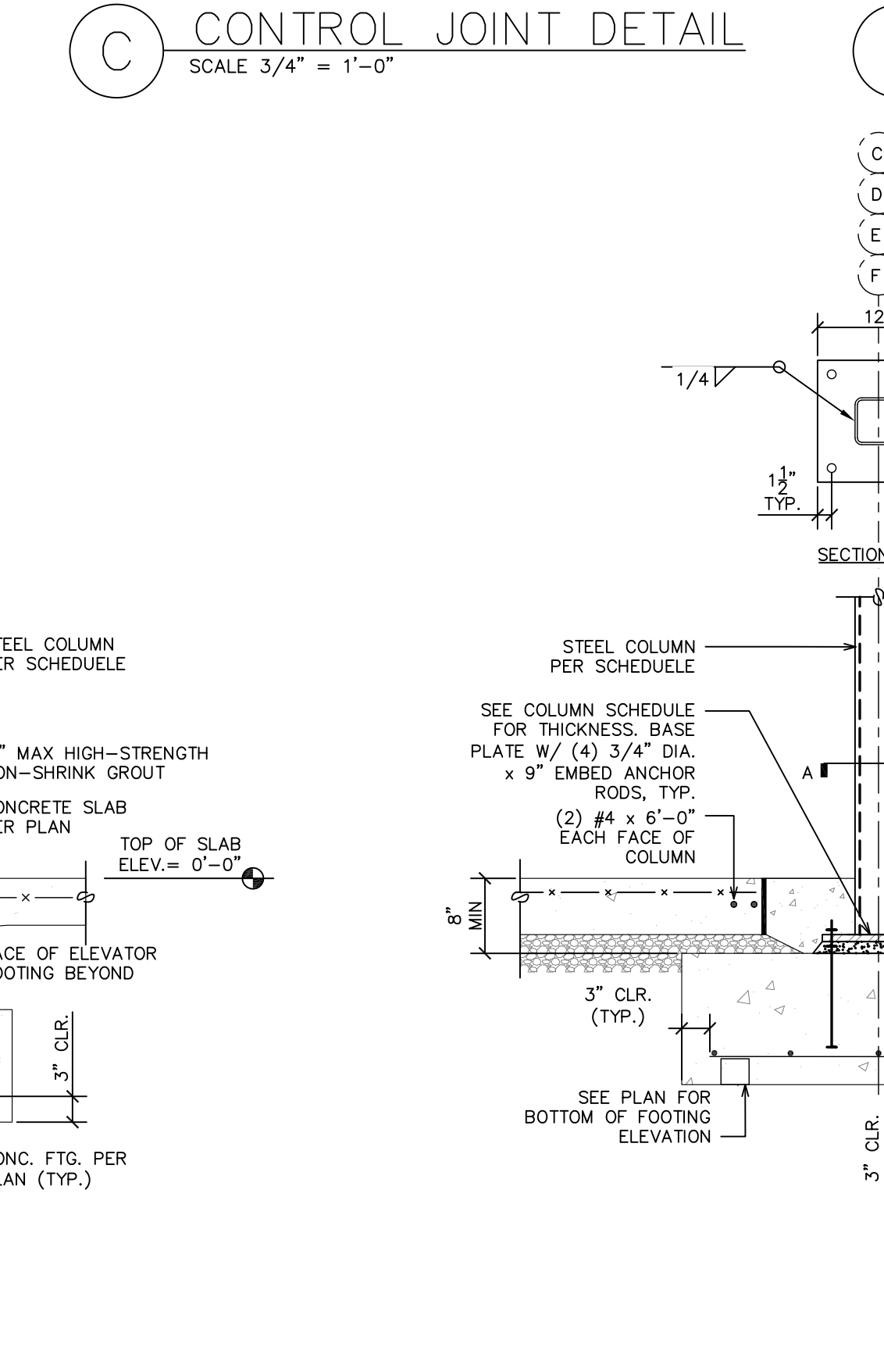
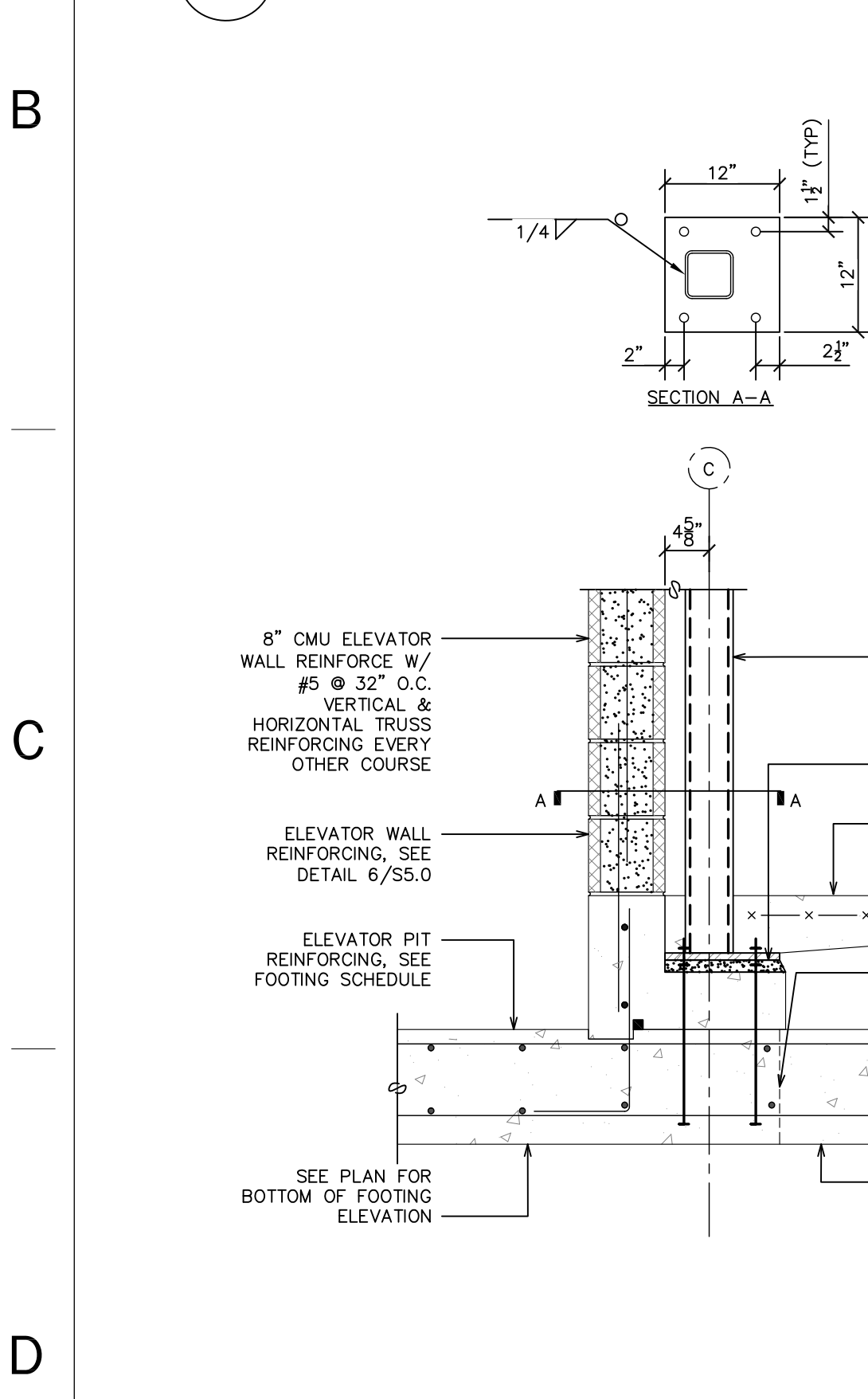
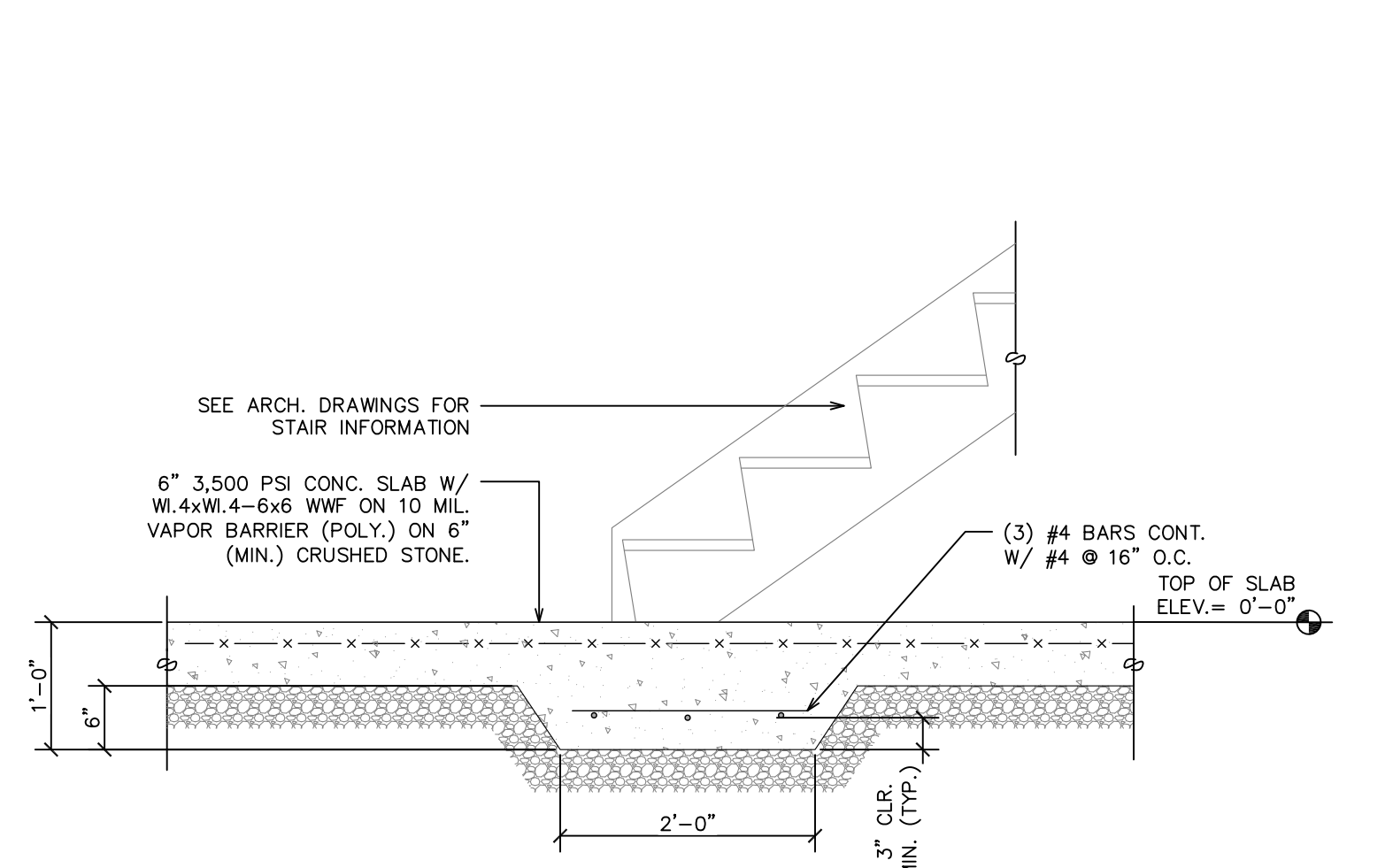
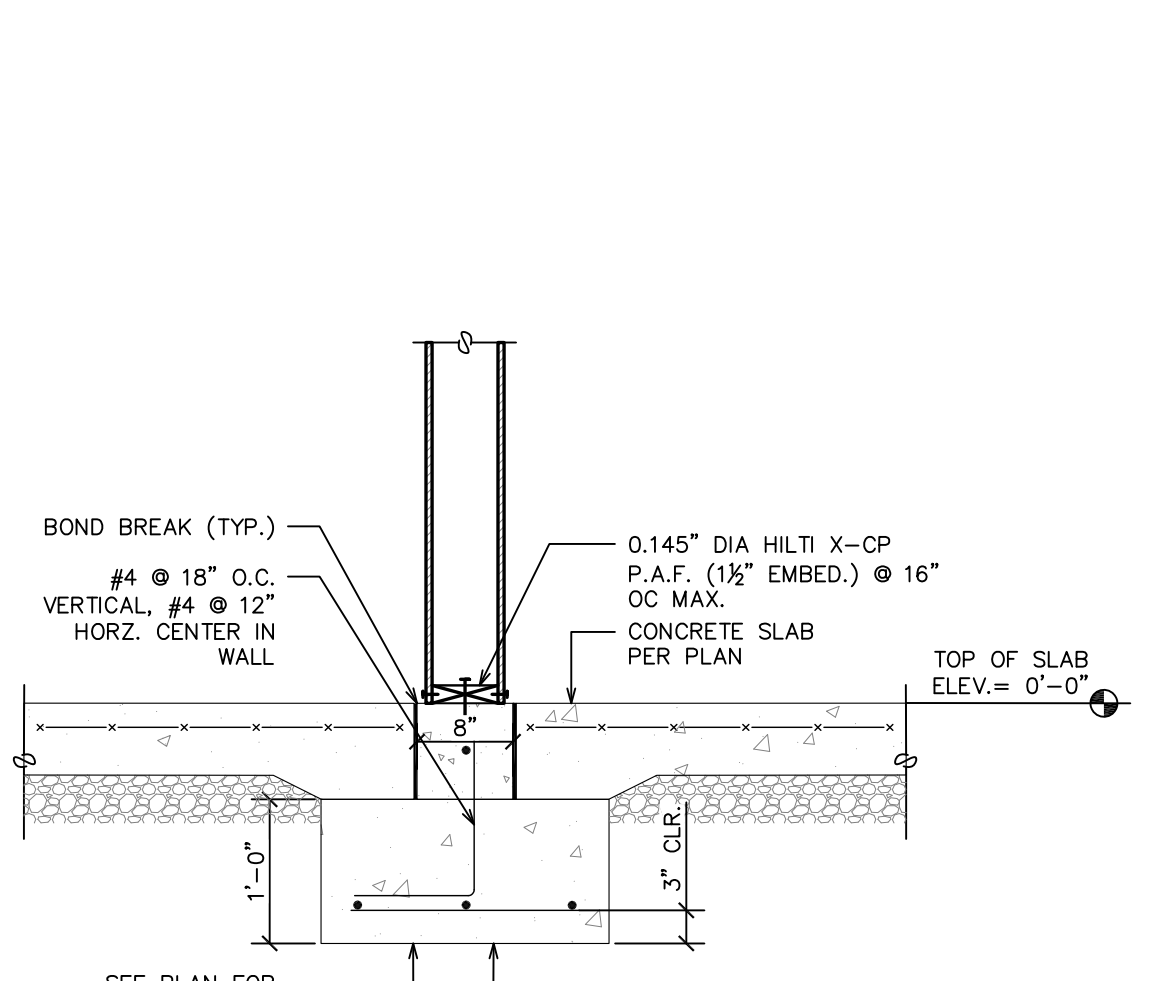
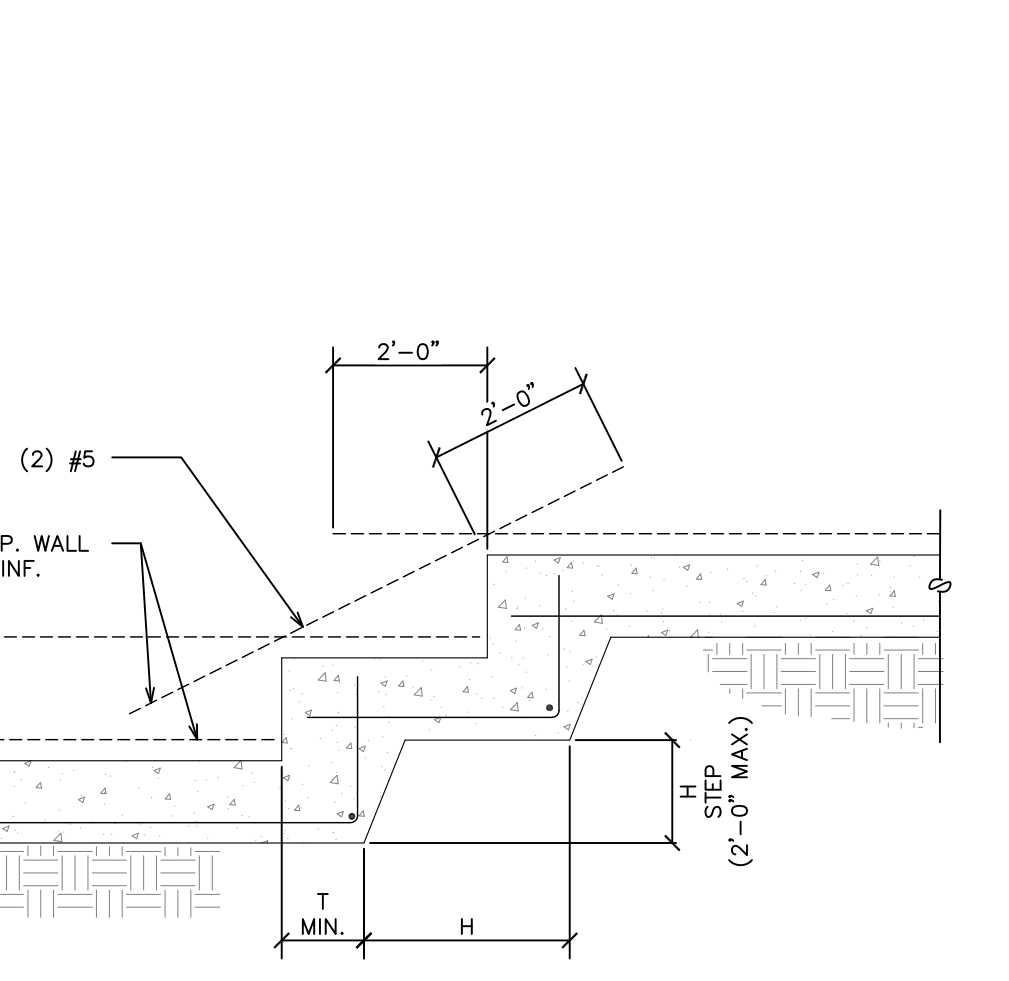
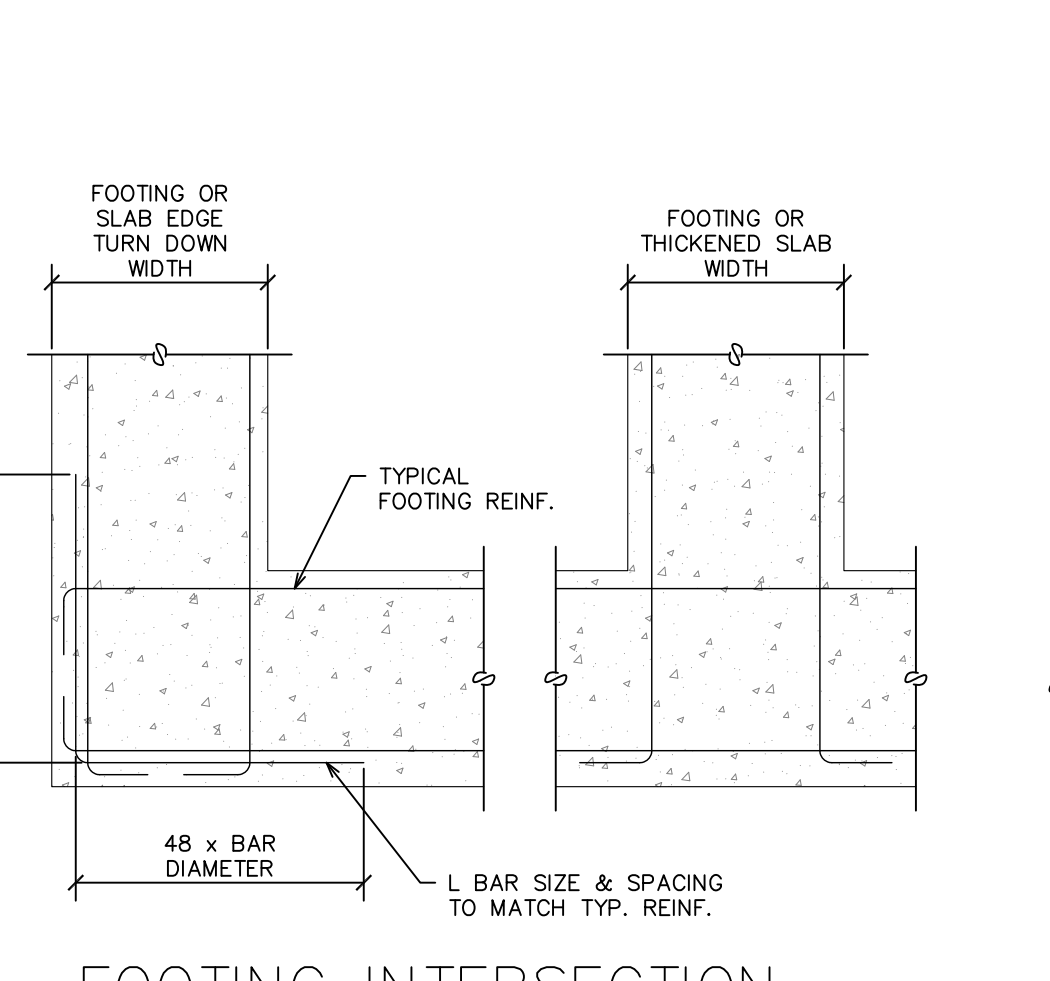
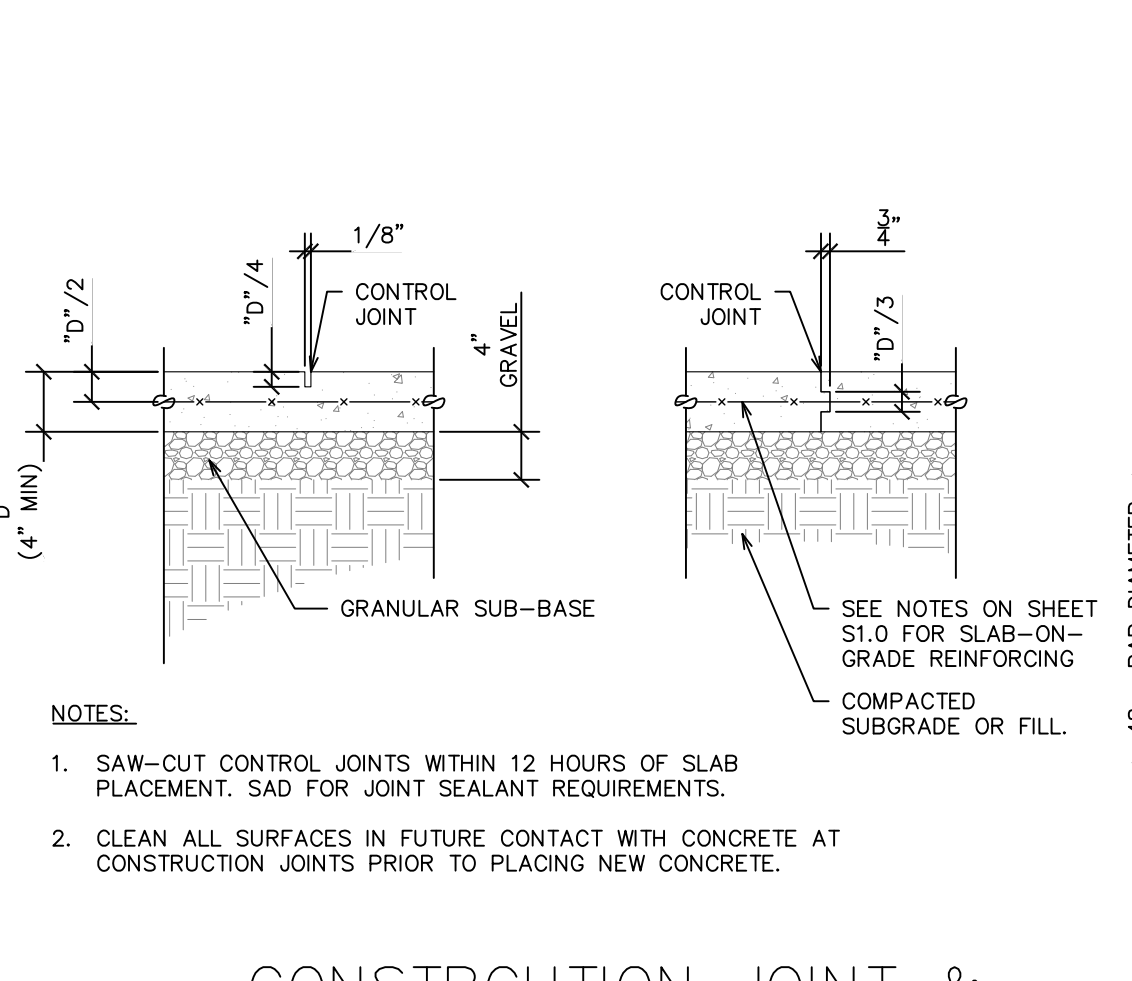
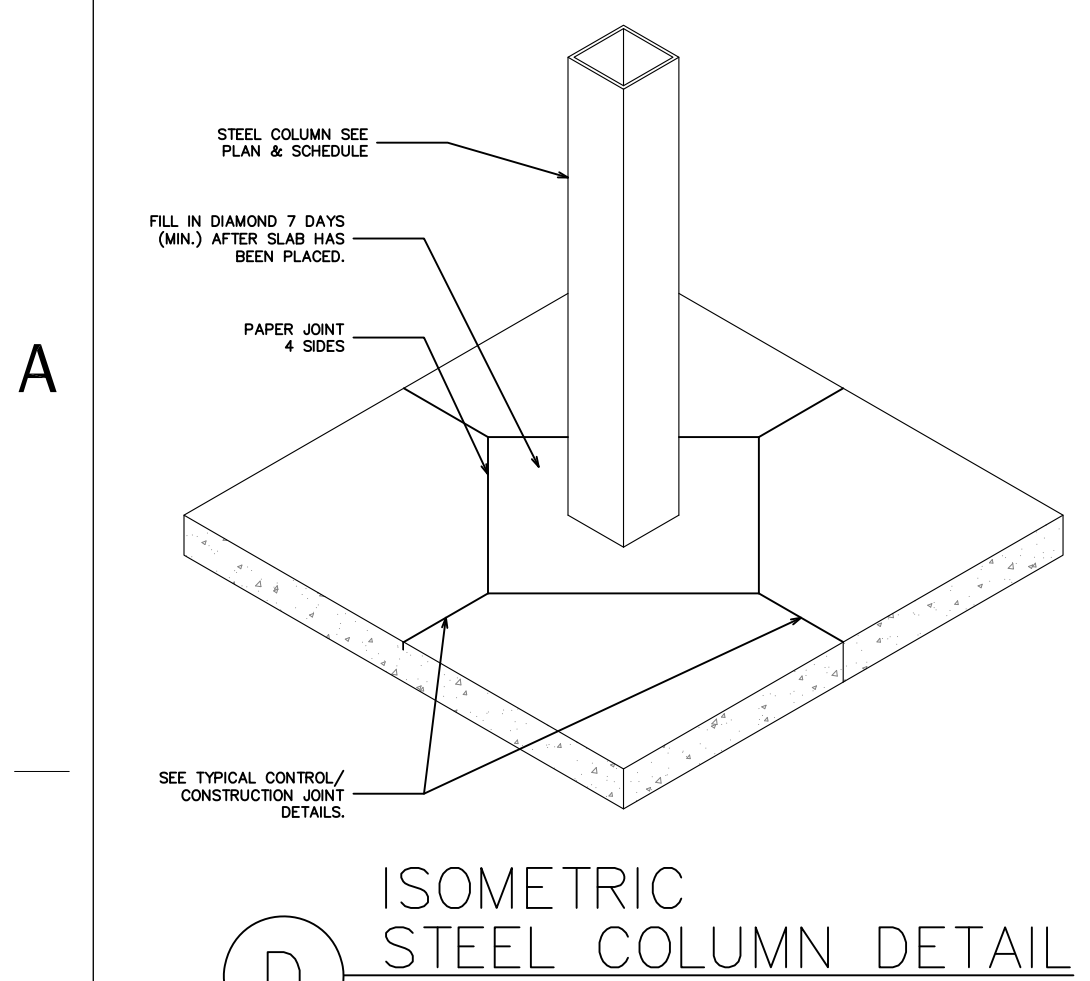


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WOODLANDS AT GREYSTONE
SCULTHORPE DR. WEST GOSHEN TOWNSHIP
CHESTER COUNTY, PA

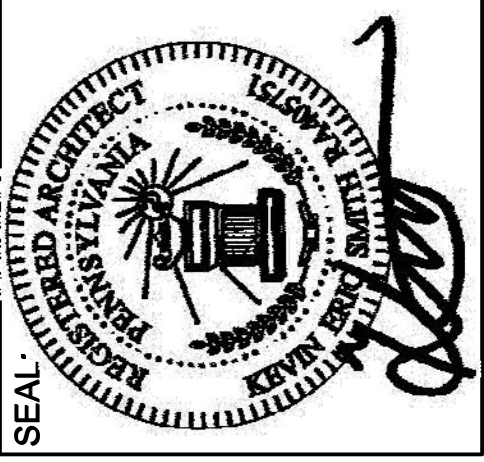
DRAWING NAME: FIRST FLOOR FRAMING PLAN	PROJECT NUMBER: 18-053	DATE: 2021-02-08	SCALE: AS SHOWN	DRAWN BY: BG	CHECKED BY: SC	APPROVED BY: KS
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S1.1A

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REVISIONS	chk'd by	KEYS
No.	Description	
1.18.21.01	ELEVATOR REVISIONS	
03.11.21.02	ELEVATOR SHOPS	
03.26.21.09	FIRELOCKING REVISIONS & STAIR REVISION	
04.28.21.10	REV REDLINES FROM BCI 4.5.21	
03.25.22.15	DECK ADDITION	



ISSUED FOR PERMIT

STRUCTURAL FOUNDATION DETAILS

WOODLANDS AT GREYSTONE
SCULTHORPE DR. WEST GOSHEN TOWNSHIP
CHESTER COUNTY, PA

DRAWING NAME: STRUCTURAL FOUNDATION DETAILS

Project number: 18-053
date: 2021-02-08
scale: AS SHOWN
sheet no.

drawn by: BG
chk'd by: SC
approved by: KS

A

ALLOWABLE HOLES - TJI JOISTS

Min. distance from Table A

1 1/2" hole may be cut anywhere in web out-side of hatched zone

No field cut holes in hatched zones

minimum round holes are permitted if the group perimeter meets requirements for round or square holes.

Do not cut holes larger than 1 1/2" in cantilever.

Table A - End Support

JOIST TYP.	ROUND HOLE SIZE						SQUARE OR RECTANGULAR HOLE SIZE					
	4"	5"	6"	7"	8"	10"	4"	5"	6"	7"	8"	10"
18"	120	120	120	120	120	120	120	120	120	120	120	120
24"	120	120	120	120	120	120	120	120	120	120	120	120
30"	120	120	120	120	120	120	120	120	120	120	120	120

Table B - Intermediate or Cantilever Support

JOIST TYP.	ROUND HOLE SIZE						SQUARE OR RECTANGULAR HOLE SIZE					
	4"	5"	6"	7"	8"	10"	4"	5"	6"	7"	8"	10"
18"	120	120	120	120	120	120	120	120	120	120	120	120
24"	120	120	120	120	120	120	120	120	120	120	120	120
30"	120	120	120	120	120	120	120	120	120	120	120	120

Minimum distance from edge of hole to inside face of nearest end support

Leave 1/8" of web (minimum) at top and bottom of hole. **DO NOT** cut joist flanges.

Tables are based on uniform load tables in current design literature.

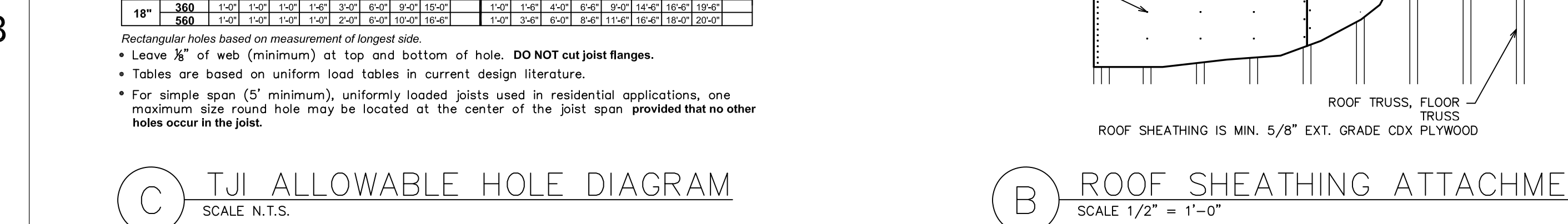
Rectangular holes based on measurement of longest side.

For simple span (5' minimum), uniformly loaded joists used in residential applications, one maximum size round hole may be located at the center of the joist span provided that no other holes occur in the joist.

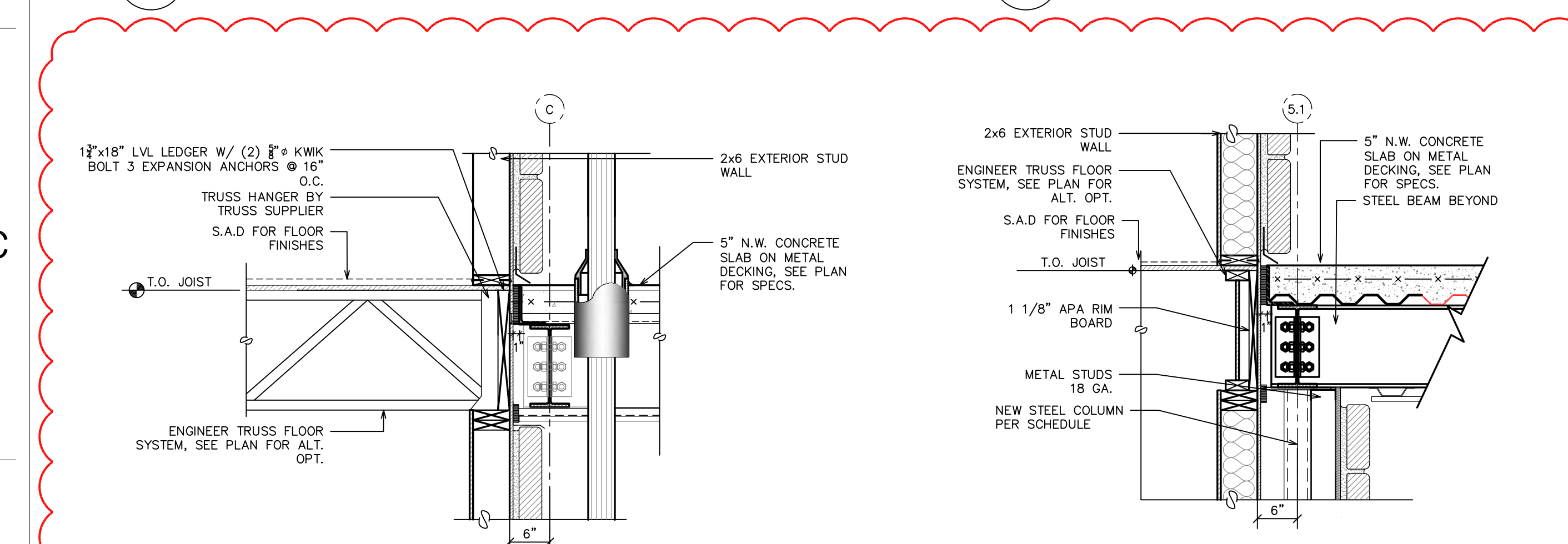
NAILING SCHEDULE		
LOCATION	ROOF	FLOOR
DIAPHRAGM BOUNDARY*	10d @ 6"	10d @ 6"
PANEL EDGES	10d @ 6"	10d @ 6"
CONT. PANEL JOINT	10d @ EA TRUSS	10d @ EA TRUSS
IN FIELD	PARALLEL TO TRUSS - 10d @ 12" O.C. PERP. TO TRUSS - 10d @ EA TRUSS	PARALLEL TO TRUSS - 10d @ 12" O.C. PERP. TO TRUSS - 10d @ EA TRUSS

* DIAPHRAGM BOUNDARY LOCATIONS INCLUDE THE FOLLOWING:
- PERIMETER OF THE BUILDING
- ALONG INTERIOR LOAD BRNG. WALLS

B



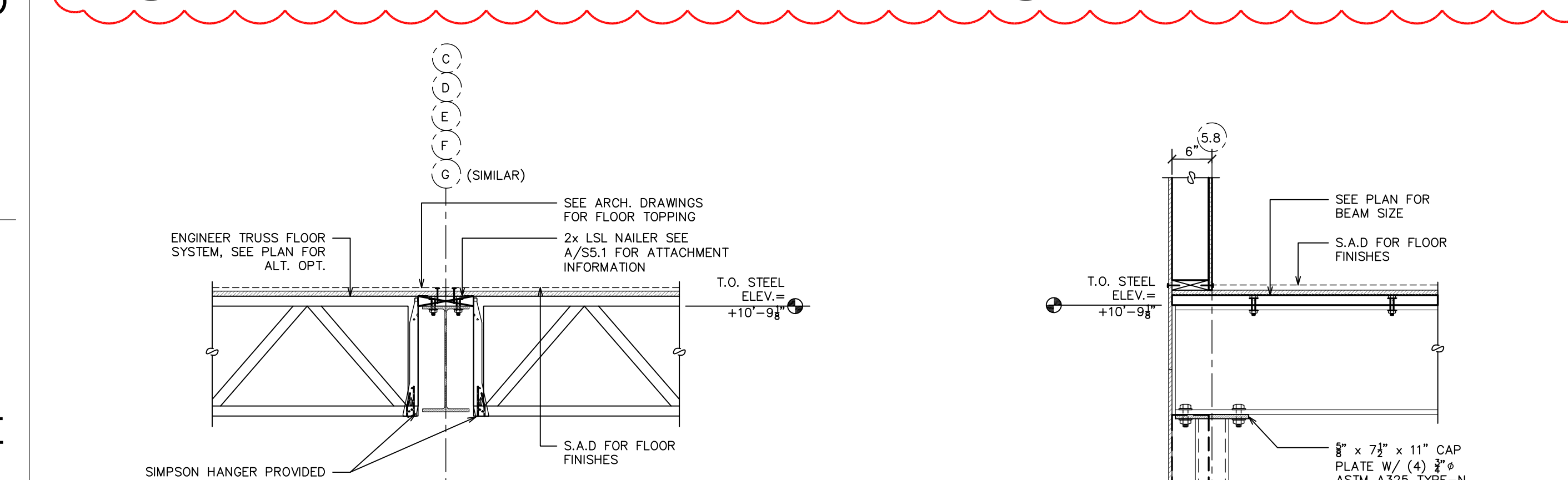
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C



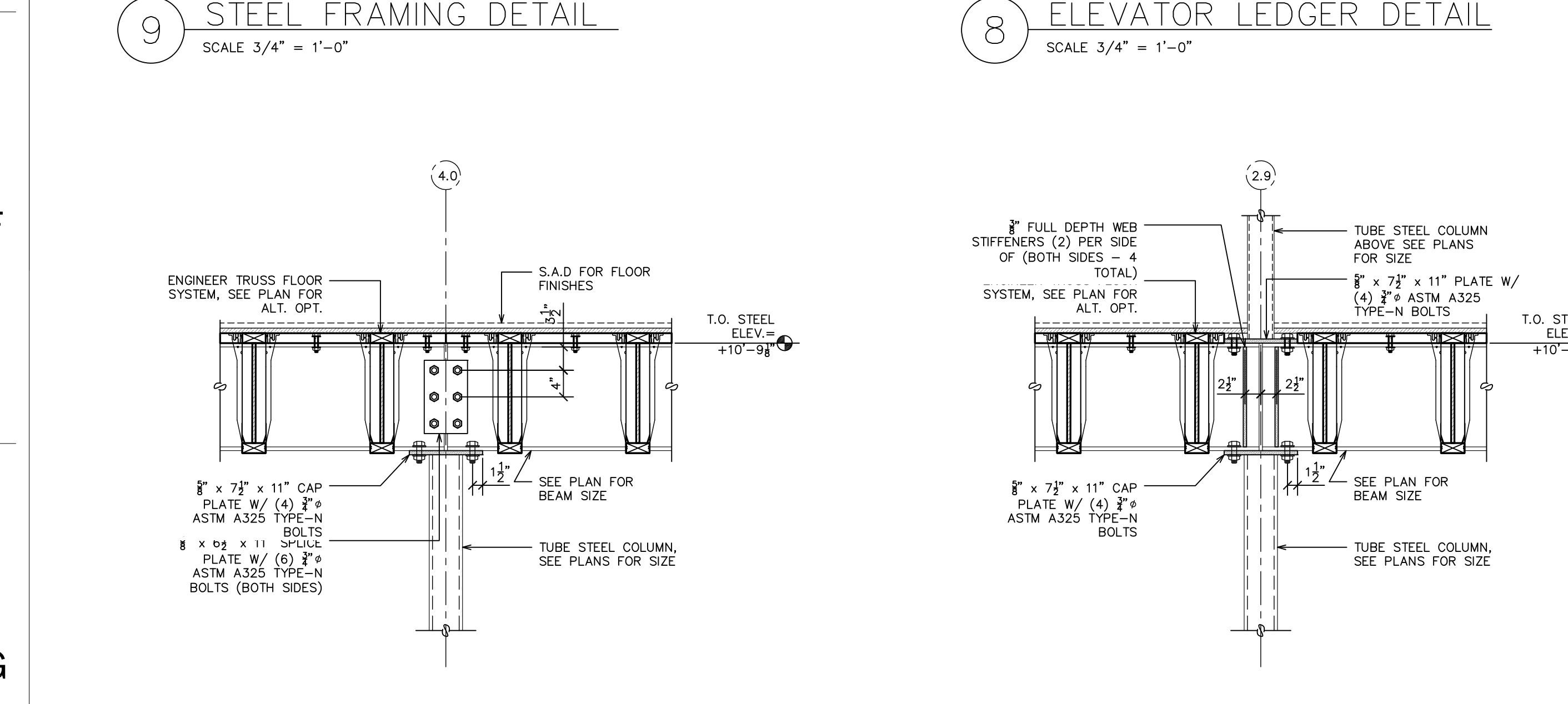
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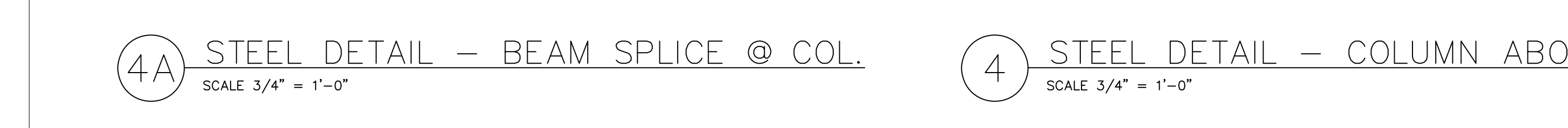
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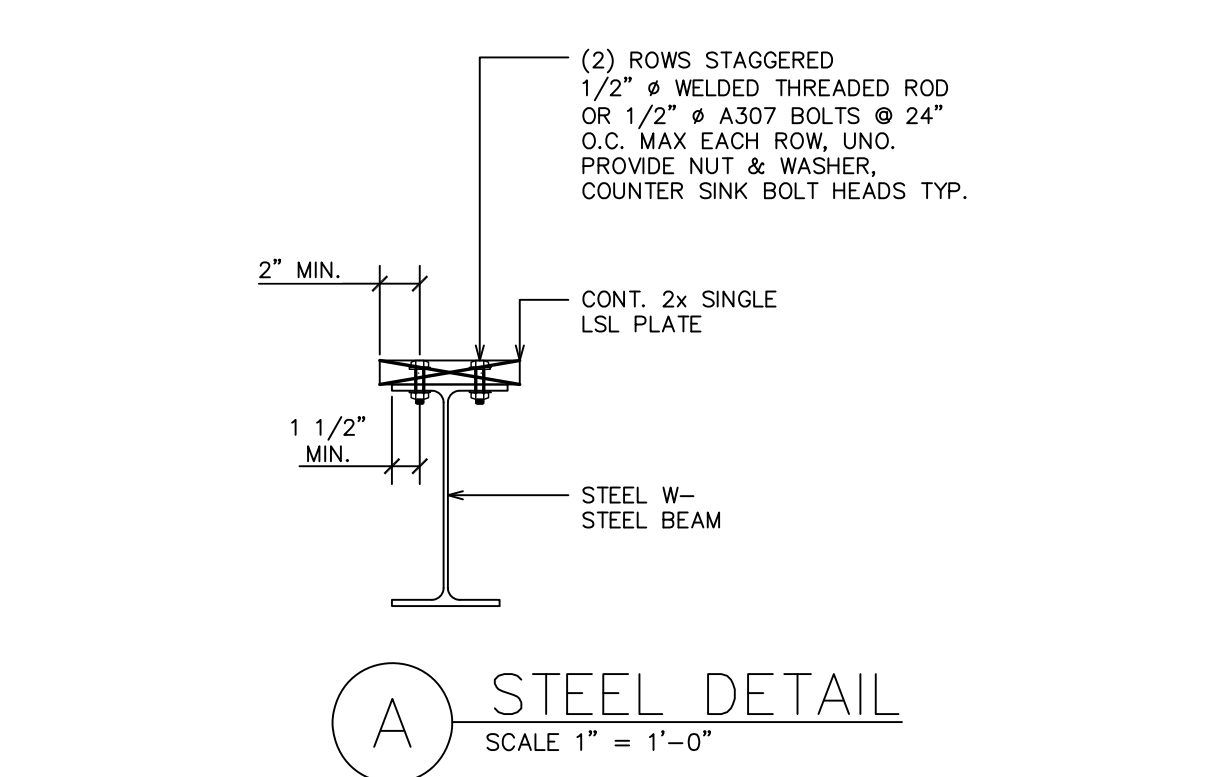
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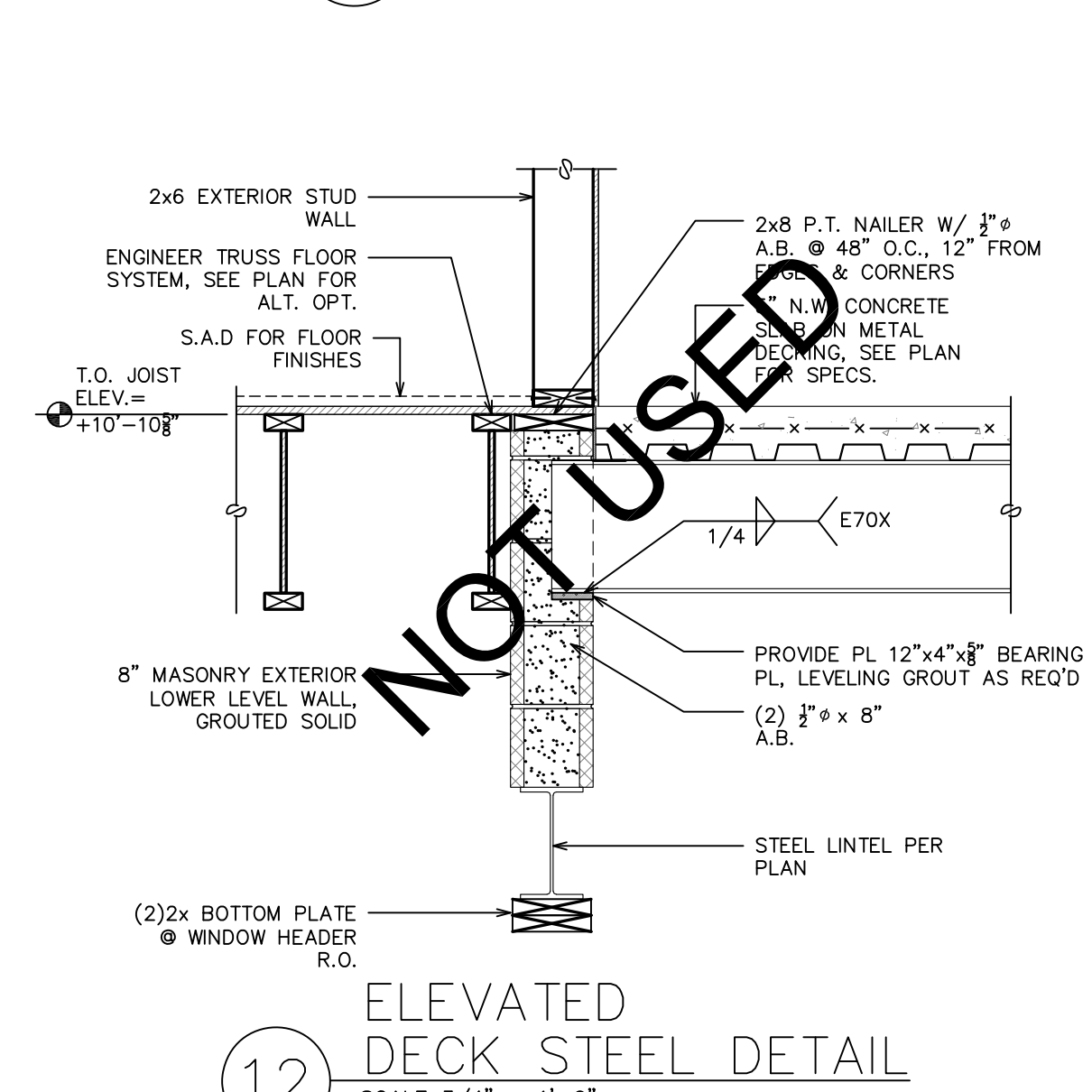
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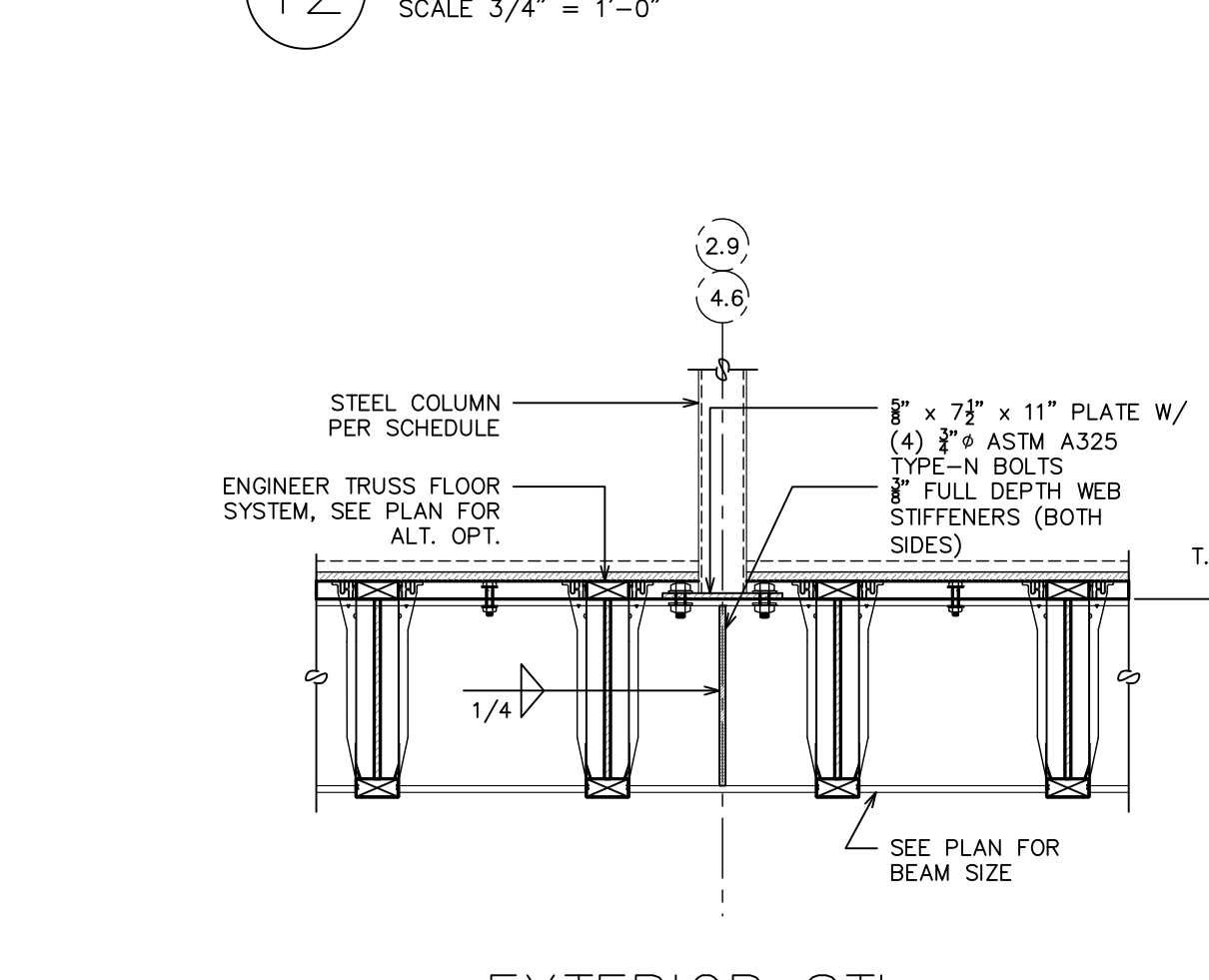
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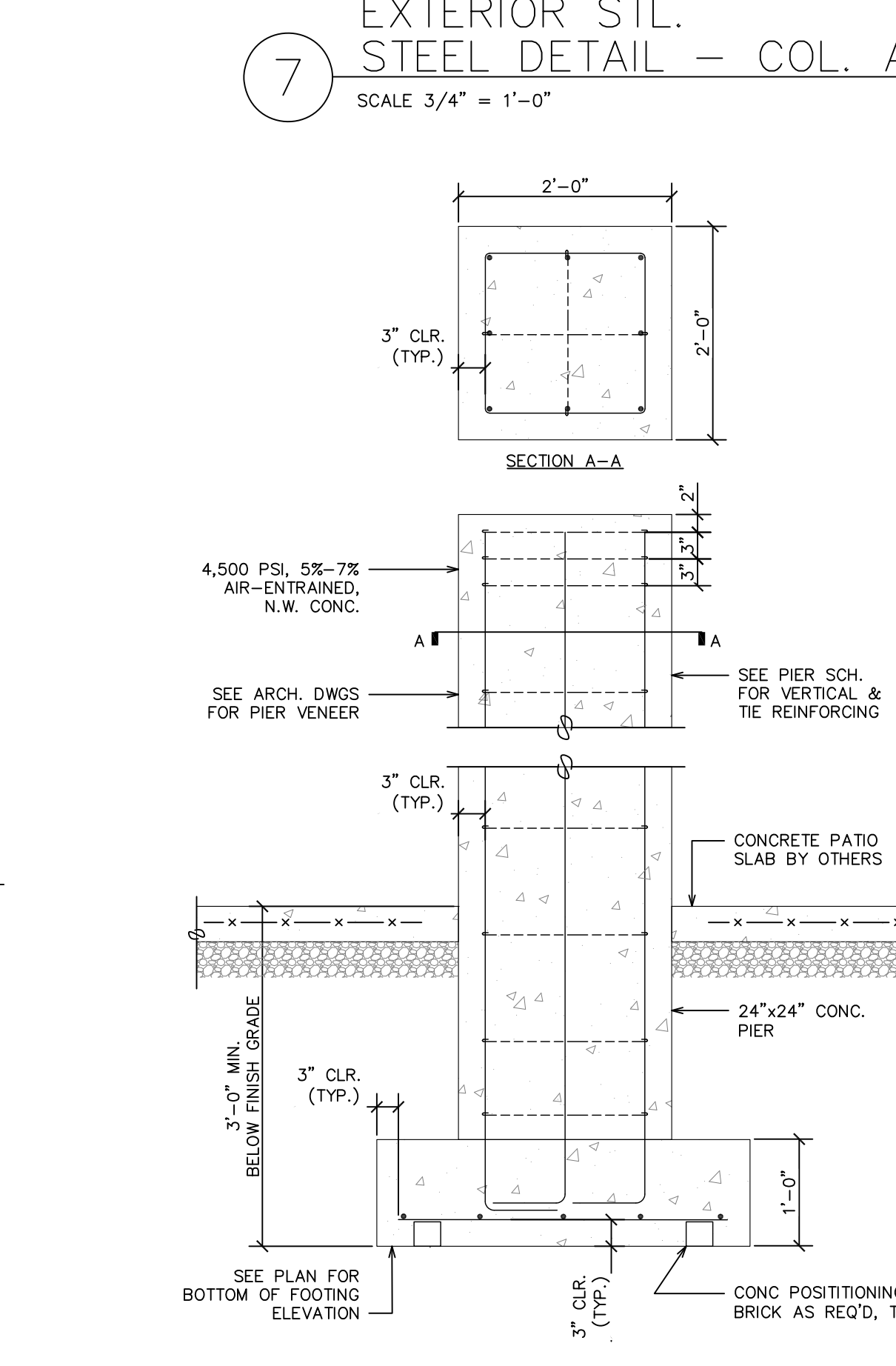
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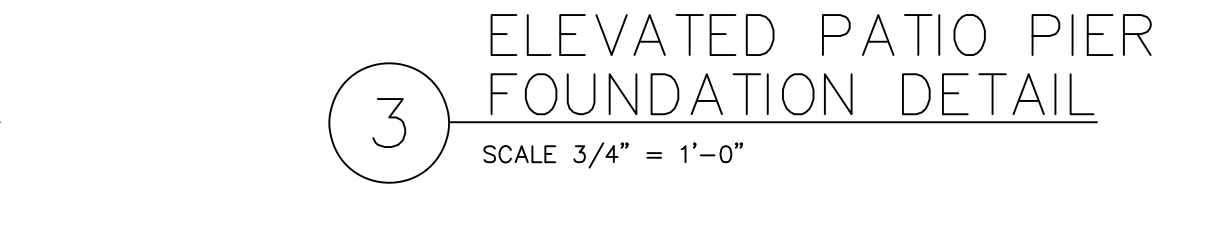
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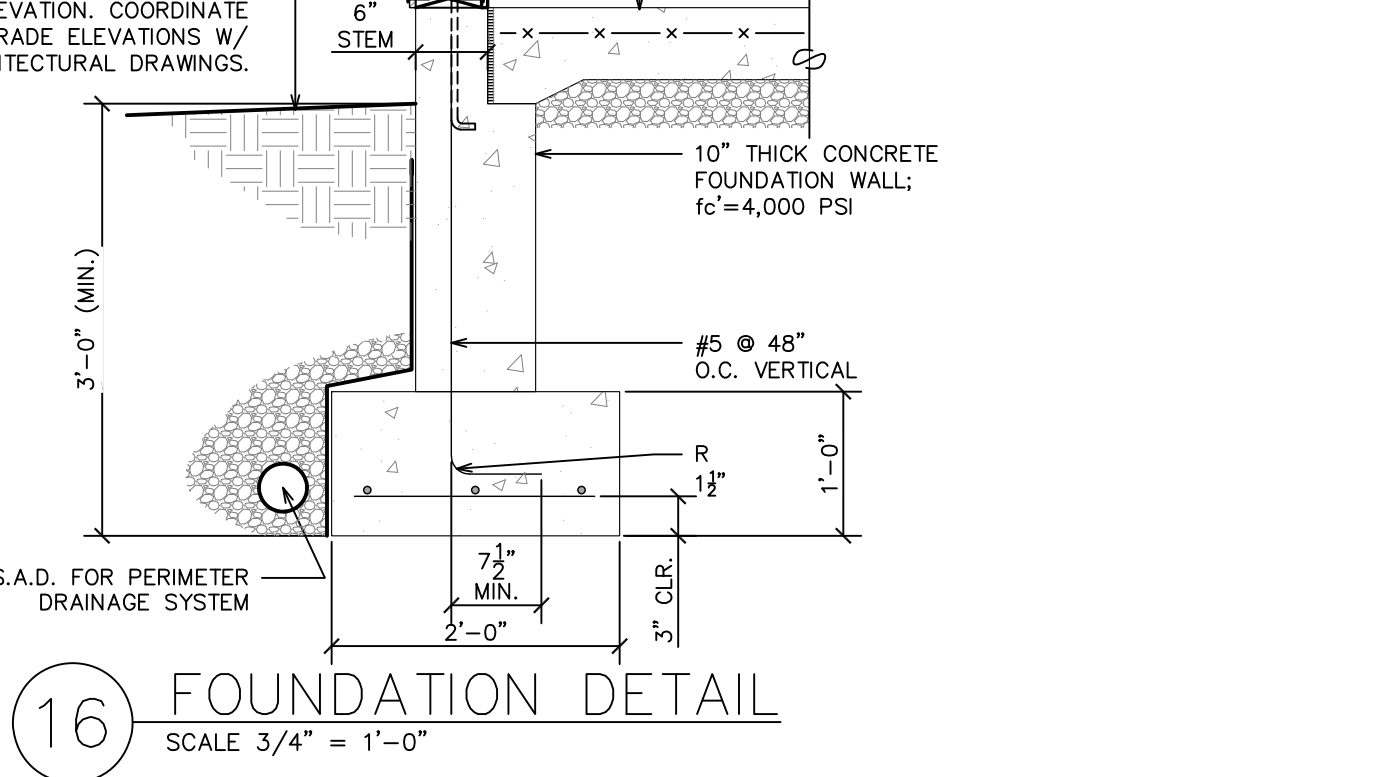
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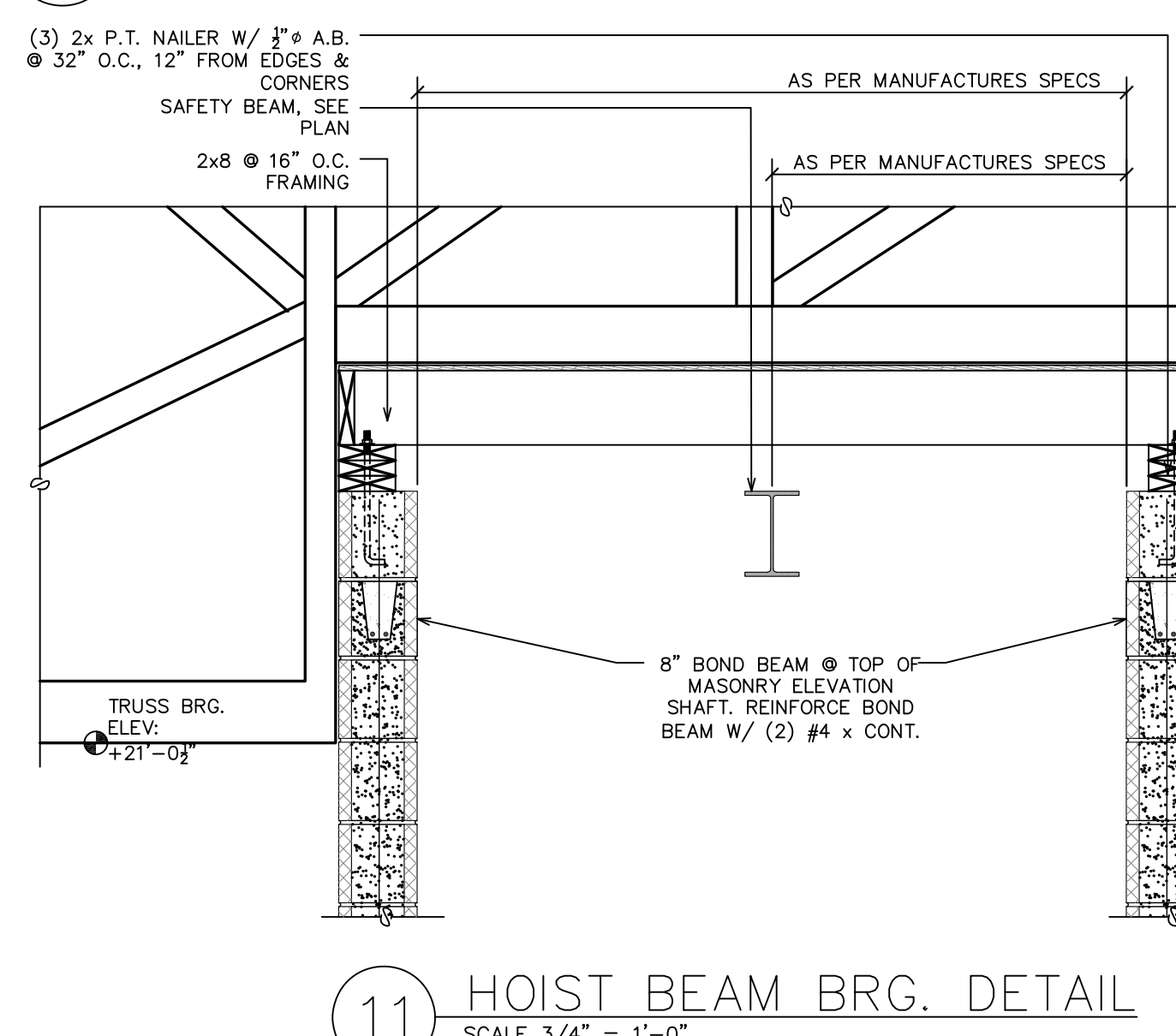
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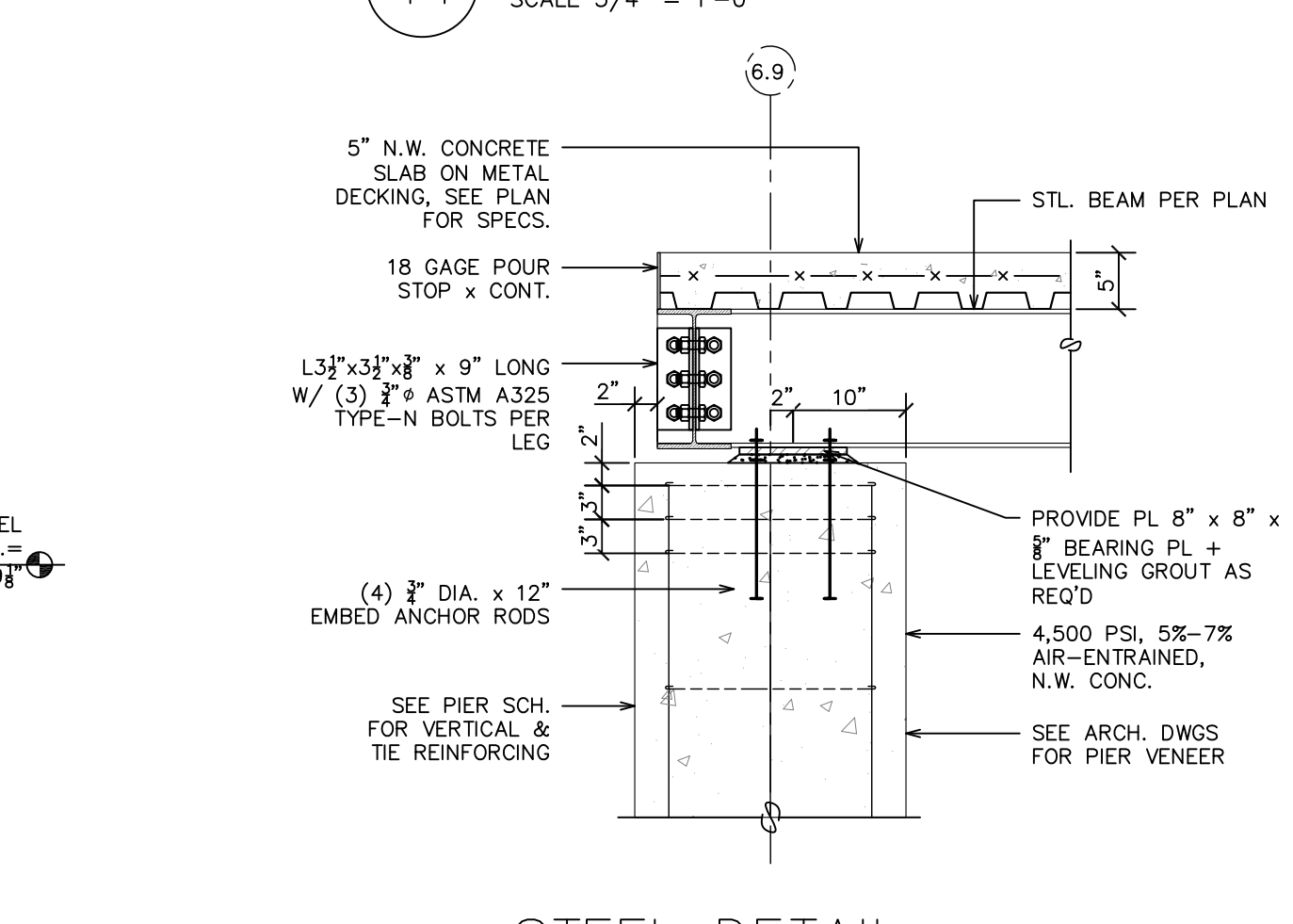
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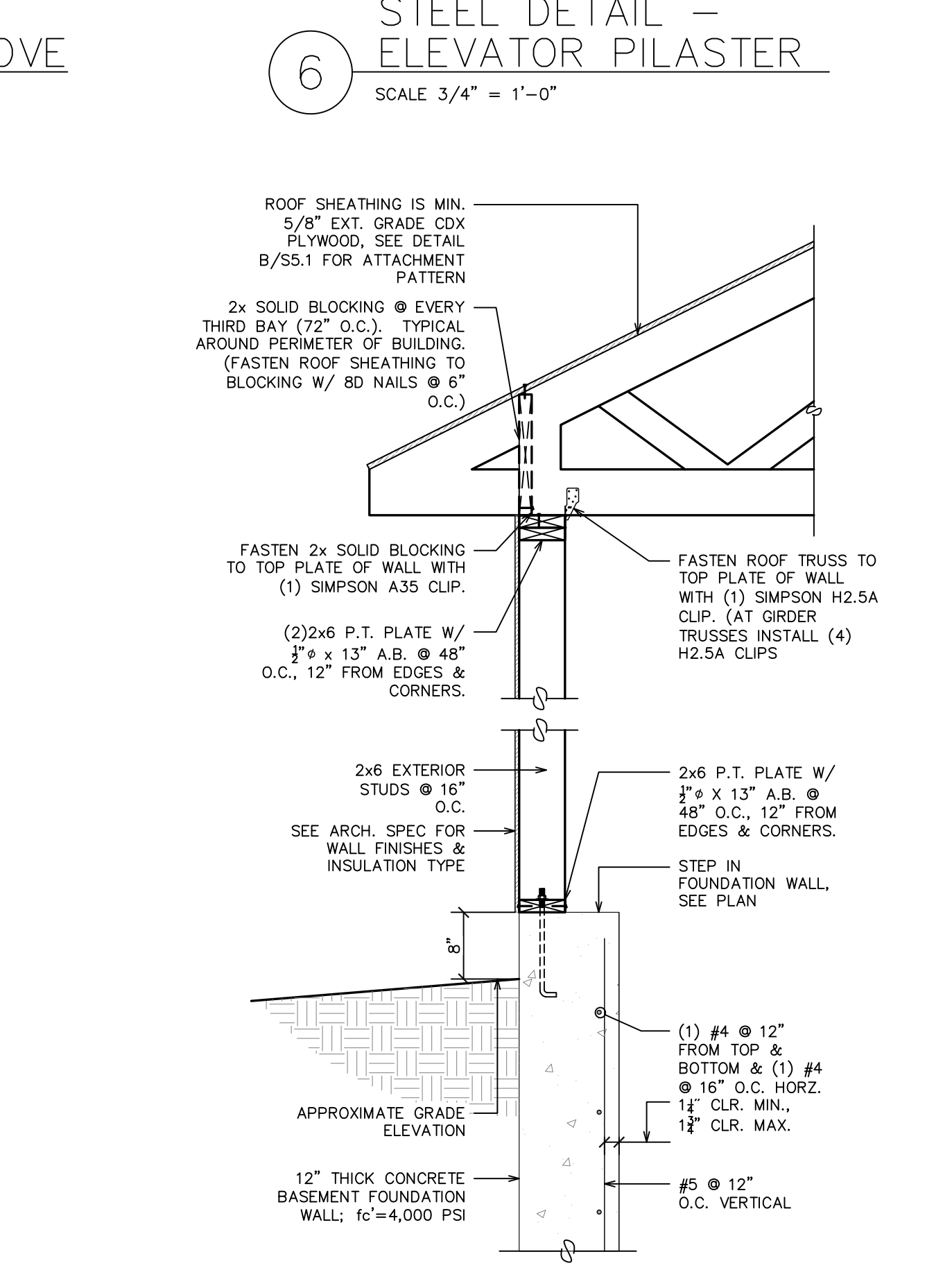
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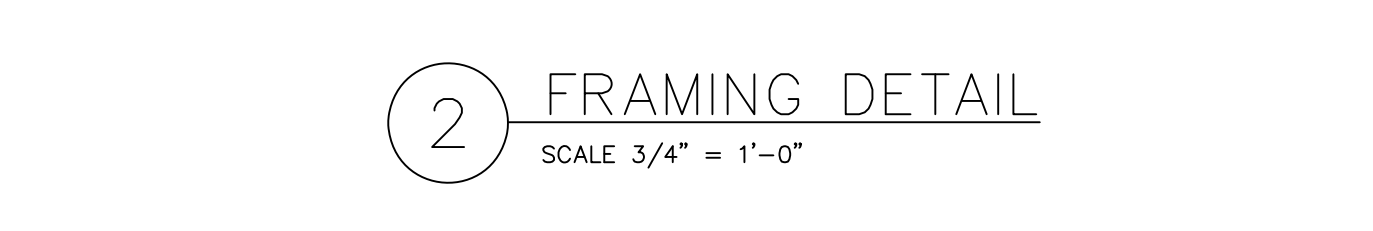
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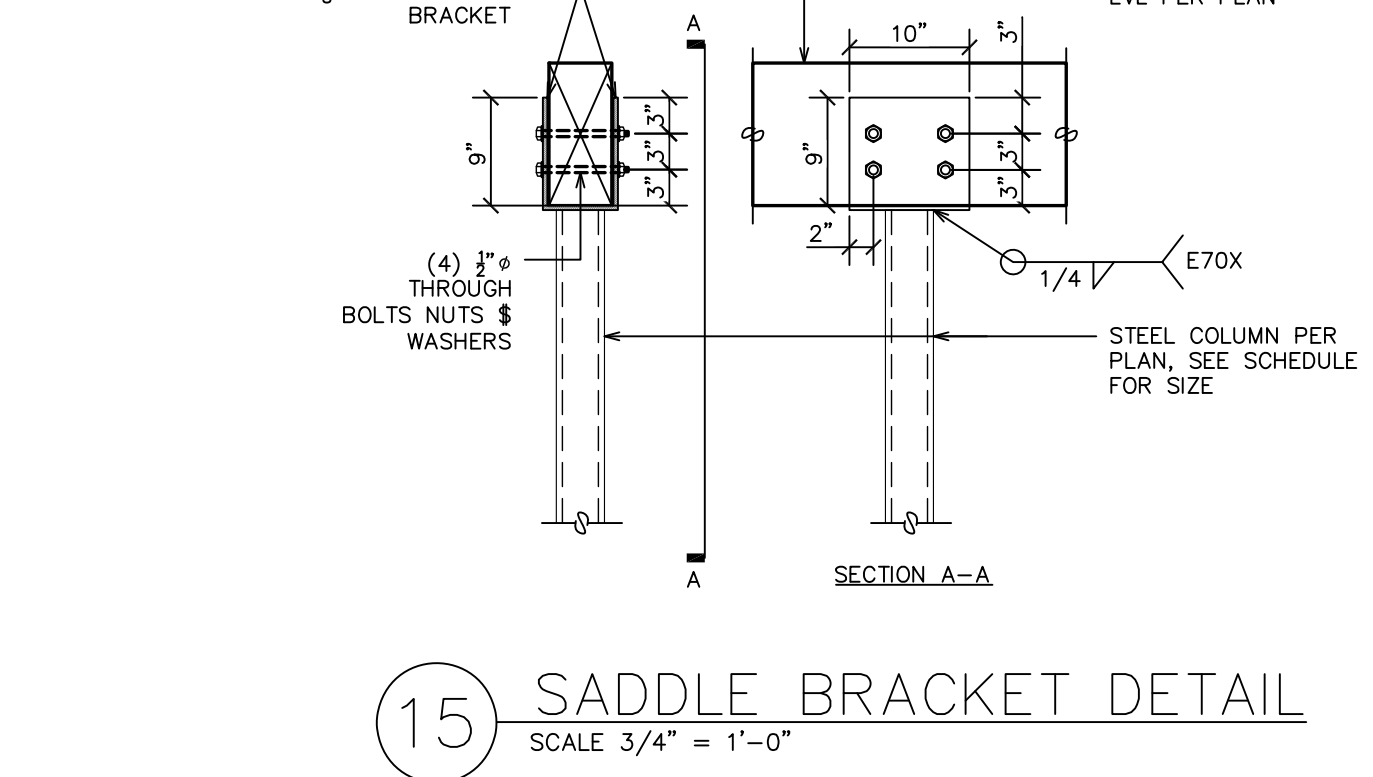
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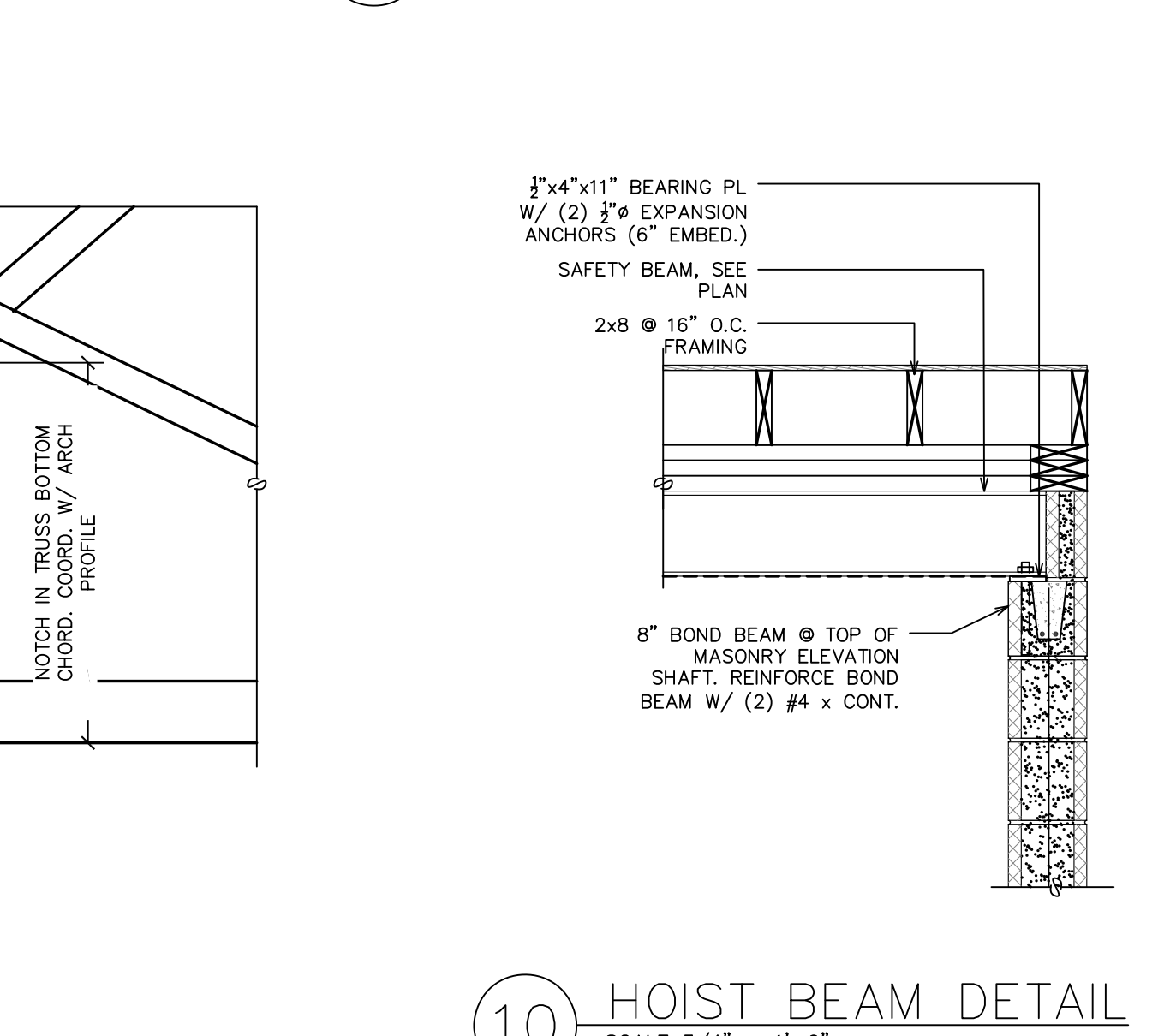
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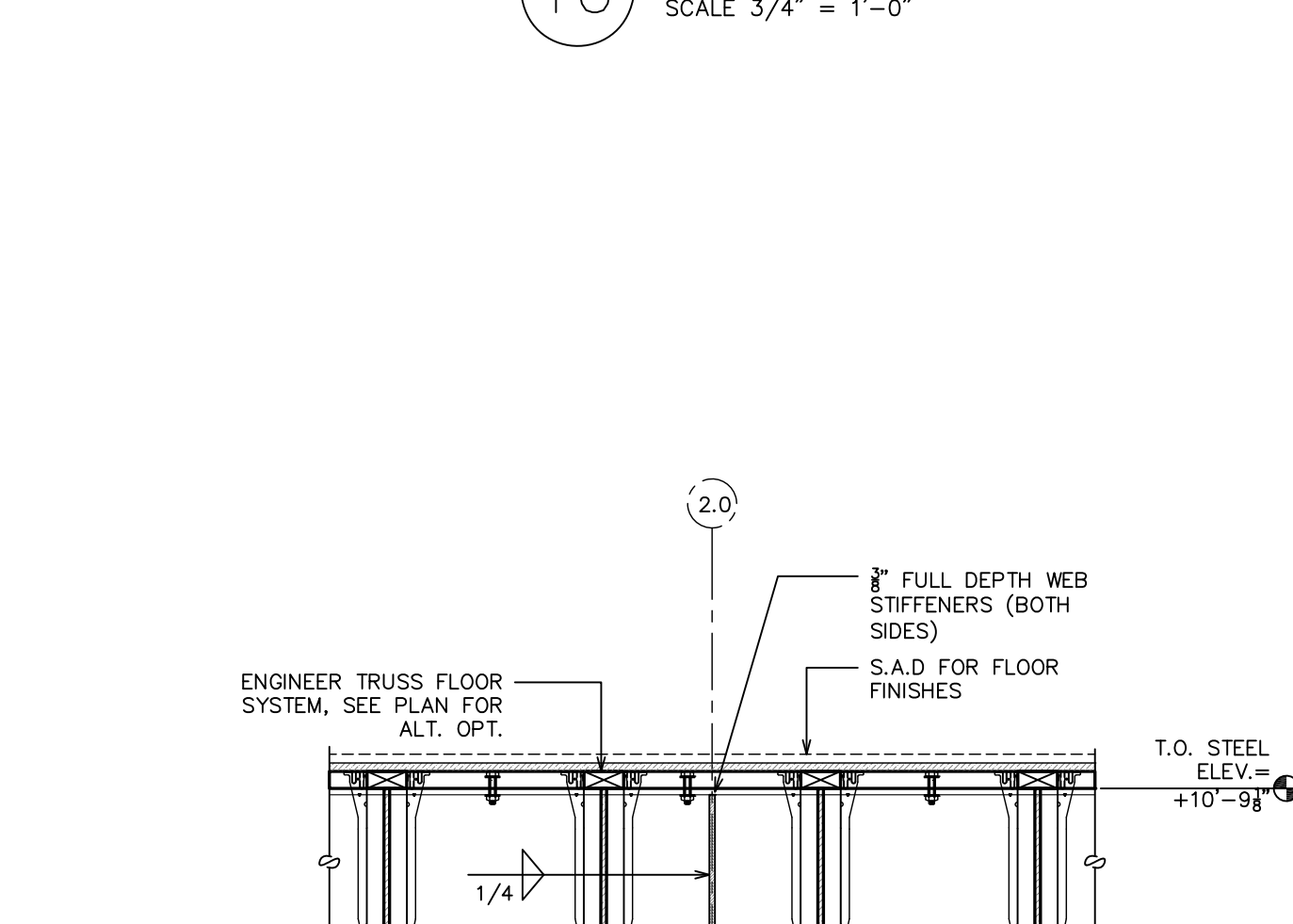
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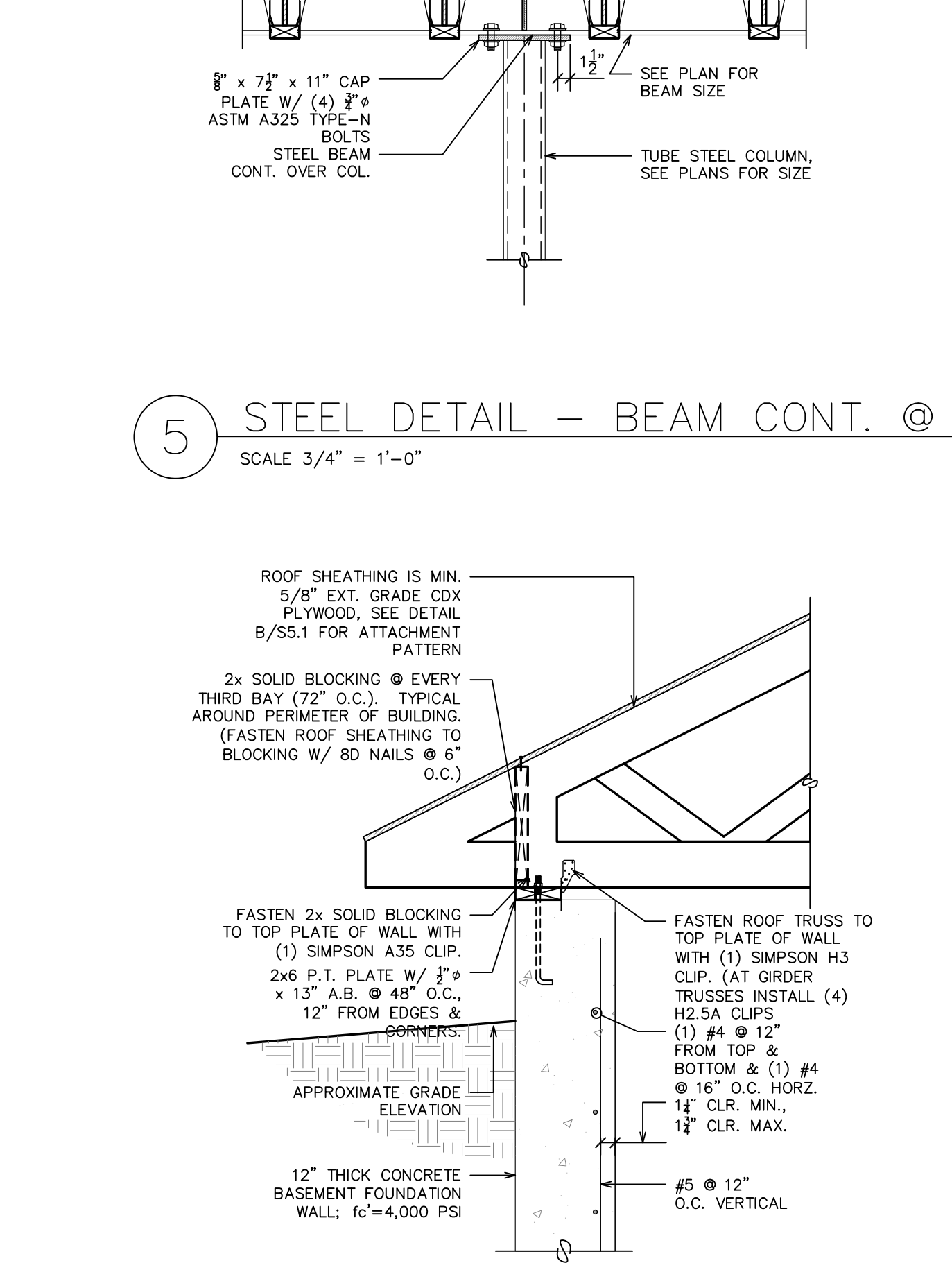
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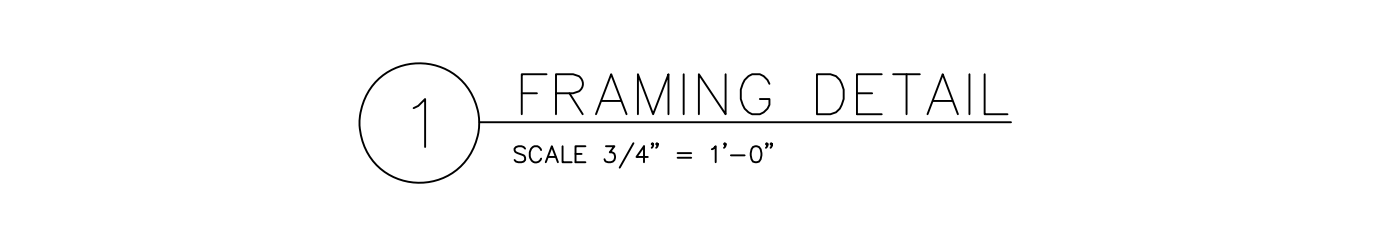
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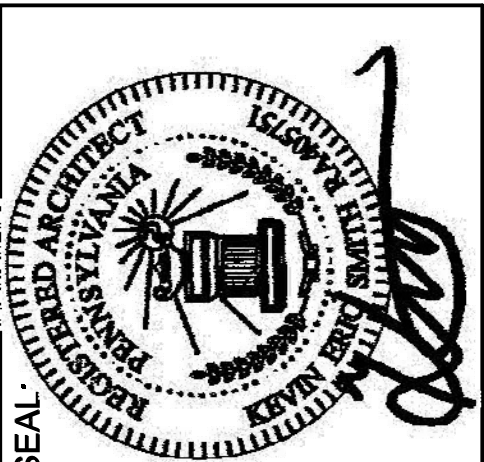
5



1



REVISIONS	
No.	Description
1	ELEVATOR REVISIONS
2	ELEVATOR SHOPS
3	FIREBLOCKING REVISIONS & STAIR REVISION
4	REV REVISIONS FROM BCI 4.5.21
5	DECK ADDITION



ISSUED FOR PERMIT

STRUCTURAL FRAMING DETAILS

WOODLANDS AT GREYSTONE

SCULTHORPE DR. WEST GOSHEN TOWNSHIP

CHESTER COUNTY, PA

Project number: 18-053

drawn by: BG

date: 2021-02-08

checkd by: SC

scale: AS SHOWN

approve by: KS

sheet no.

S5.1A