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PROJECT

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NEW AN
RIAL DR**

PITAL

- # CA STRUCTURE REMENTS

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BY: MPP	
ED BY: SWM	
AS NOTED	
20 OCT 2021	
CT NO: # 2019	

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CONSTRUCTION

- OTES
- PERMIT SET ☐
- OTES, LLP.

GENERAL N
T ☐ BID SET ☒
KEEDENFELD & ASSOCIA

- GENE

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SPECIAL INSPECTION DETAILS			
REQUIRED VERIFICATION AND INSPECTION	CONTINUOUS	PERIODIC	REFERENCE STANDARD
STEEL CONSTRUCTION			
MATERIAL VERIFICATION OF HIGH-STRENGTH BOLTS, NUTS AND WASHERS	—	X	AISC 360, Section A3.3
INSPECTION OF HIGH STRENGTH BOLTING	—	X	AISC 360-16, Section N5.6
INSPECTION OF WELDING – VISUAL SINGLE PASS WELDS 3/16" AND LESS	—	X	AWS D1.1 AISC 360-16 Section N5.4
COMPLETE AND PARTIAL JOINT PENETRATION GROOVE WELDS	X	—	AISC 360-16 Section N5.4
ROOF DECK WELDS	—	X	AWS D1.3
REINFORCING STEEL	X	—	AWS D1.4 ACI 318: CHAP. 26
PLACEMENT AND INSTALLATION OF HEADED ANCHORS	X	—	AISC 360-16 Section N5.4
CONCRETE CONSTRUCTION			
INSPECT REINFORCING STEEL, INCLUDING PLACEMENT	—	X	ACI 318: CHP.20, 25.2, 25.3, 26.6.1-26.6.3
REINFORCING BAR WELDING:			
A. VERIFY WELDABILITY OF REINFORCING BARS OTHER THAN ASTM A706	—	X	AWS D1.4 ACI 318: 26.6.4
B. INSPECT SINGLE-PASS FILLET WELDS, MAXIMUM 3/16"	—	X	AWS D1.4 ACI 318: 26.6.4
C. INSPECT ALL OTHER WELDS	X	—	AWS D1.4 ACI 318: 26.6.4
INSPECT ANCHORS CAST IN CONCRETE	—	X	ACI 318: 17.8.2
INSPECT ANCHORS POST-INSTALLED IN HARDENED CONCRETE MEMBERS			
a. ADHESIVE ANCHORS INSTALLED HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS TO RESIST SUSTAINED TENSION LOADS.	X	X	ACI 318:17.8.2.4 ACI 318: 17.8.2
b. MECHANICAL ANCHORS AND ADHESIVE ANCHORS NOT DEFINED IN 4.A	X	X	ACI 318:17.8.2.4 ACI 318: 17.8.2
VERIFYING USE OF REQUIRED DESIGN MIX	—	X	ACI 318: Ch.19, 26.4.3, 26.4.4
CONCRETE SAMPLING FOR STRENGTH, SLUMP, TEMPERATURE AND AIR CONTENT	X	—	ASTM C172, ASTM C31, ACI 318: 26.5, 26.12
INSPECTION OF FORMWORK FOR SHAPE, LOCATION AND DIMENSIONS OF MEMBERS BEING FORMED	—	X	ACI 318: 26.11.2(b)
INSPECTION FOR MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES	—	X	ACI 318:26.5.3-26.5.5/IBC 1908.9
MASONRY CONSTRUCTION			
1. AS MASONRY CONSTRUCTION BEGINS, THE FOLLOWING SHALL BE VERIFIED FOR COMPLIANCE:			
PROPORTIONS OF SITE-PREPARED MORTAR	—	X	TMS 402-16 TMS 602-16
CONSTRUCTION OF MORTAR JOINTS.	—	X	TMS 402-16 TMS 602-16
LOCATION OF REINFORCEMENT, CONNECTORS, ANCHORAGES	—	X	TMS 402-16 TMS 602-16
2. THE INSPECTION PROGRAM SHALL VERIFY:			
SIZE AND LOCATION OF STRUCTURAL ELEMENTS	—	X	TMS 402-16 TMS 602-16
TYPE, SIZE, AND LOCATION OF ANCHORS	—	X	TMS 402-16 TMS 602-16
SPECIFIED SIZE, GRADE AND TYPE OF REINFORCEMENT	—	X	TMS 402-16 TMS 602-16
3. PRIOR TO GROUTING, THE FOLLOWING SHALL BE VERIFIED FOR COMPLIANCE:			
GROUT SPACE IS CLEAN	—	X	TMS 402-16 TMS 602-16
PLACEMENT OF REINFORCEMENT AND CONNECTORS	—	X	TMS 402-16 TMS 602-16
PREPARATION OF GROUT AND MORTAR SPECIMENS	X	—	TMS 402-16 TMS 602-16
SOIL			
VERIFY MATERIALS BELOW SHALLOW FOOTINGS ARE ADEQUATE TO ACHIEVE DESIGN BEARING CAPACITY	—	X	
VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL	—	X	
PERFORM CLASSIFICATION & TESTING OF COMPACTED FILL MATERIAL	—	X	
VERIFY USE OF PROPER MATERIALS, DENSITIES AND LIFT THICKNESS DURING PLACEMENT AND COMPACTION OF CONTROLLED FILL	X	—	
PRIOR TO PLACEMENT OF CONTROLLED FILL, OBSERVED SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY	—	X	
EPOXY ANCHORS	—	X	
COLD FORMED STEEL FRAMING			
MEMBER SIZES	—	X	
MATERIAL THICKNESS	—	X	
MECHANICAL CONNECTIONS	—	X	
WELDING	—	X	
FRAMING DETAILS	—	X	

TYPICAL ABBREVIATIONS

NOTES:
1. ALL ABBREVIATIONS MAY NOT BE USED.
2. THESE ABBREVIATIONS APPLY TO STRUCTURAL DWGS ONLY. SEE ARCH & MEP DWGS FOR SEPARATE SYMBOLS AND ABBREVIATIONS LISTS.

@	AT	FV	FIELD VERIFY	PT	POST-TENSIONED
ABV	ABOVE			PTD	PRESSURE TREATED
ACI	AMERICAN CONCRETE INSTITUTE	GA	GAUGE, GAGE	R	RADIUS
ADH	ADHESIVE	GALV	GALVANIZE	RC	REINFORCED CONCRETE
ADDL	ADDITIONAL	GB	GRADE BEAM	RD	ROOF DRAIN
ADJ	ADJUSTABLE	GC	GENERAL CONTRACTOR	RECT	RECTANGULAR
AFF	ABOVE FINISHED FLOOR	GLUM	GLUED LAMINATED	REF	REFER(ENCE)
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	GR	GRADE	REINF	REINFORCING
AL	ALUMINUM	GYP	GYPSPUM	REQD	REQUIRED
ALT	ALTERNATE			REV	REVISE; REVISION
APPROX	APPROXIMATELY	H&V	HORIZONTAL AND VERTICAL	RF	ROOF
AR	ANCHOR ROD	HEF	HORIZONTAL EACH FACE	RFTR	RAFTER
ARCH	ARCHITECT	HI	HIGH		
ASCE	AMERICAN SOCIETY OF CIVIL ENGINEERS	HIF	HORIZONTAL INSIDE FACE	SC	SLIP CRITICAL
ASTM	AMERICAN SOCIETY OF TESTING & MATERIALS	HK	HOOK	SCH	SCHEDULE
AWS	AMERICAN WELDING SOCIETY	HOF	HORIZONTAL OUTSIDE FACE	SDL	SUPERIMPOSED DEAD LOAD
		HORIZ	HORIZONTAL	SECT	SECTION
BCX	BOTTOM CHORD EXTENSION	HP	HIGH POINT	SEIS	SEISMIC
BLDG	BUILDING	HNGR	HANGER	SHT	SHEET
BLKG	BLOCKING	HT	HEIGHT	SHTG	SHEATHING
BM	BEAM			SIM	SIMILAR
BOCA	BUILDING OFFICIALS & CODE ADMINISTRATORS	IBC	INTERNATIONAL BUILDING CODE	SL	SLOPE
BOT	BOTTOM	ID	INSIDE DIAMETER	SNT	SEALANT
BPL	BEARING PLATE/BASE PLATE	I/F	INSIDE FACE	SOG	SLAB ON GRADE
BT	BENT	INCL	INCLUSIVE	SP	SPIRAL
		INT	INTERIOR	SPCG	SPACING
				SPEC	SPECIFICATION
CANT	CANTILEVER			SQ	SQUARE
CJ	CONTROL JOINT	JST	JOIST	SSPC	STEEL STRUCTURES PAINTING COUNCIL
CJT	CONSTRUCTION JOINT	JT	JOINT	SST	STAINLESS STEEL
CL	CENTER LINE			STD	STANDARD
CLR	CLEAR/CLEARANCE	K	KIPS	STGR	STAGGER
CM	CONSTRUCTION MANAGER	KB	KNEE BRACE	STIFF	STIFFENER
CMU	CONCRETE MASONRY UNIT(S)			STIRR	STIRRUP
COL	COLUMN	L	LONG; LENGTH	STL	STEEL
CONC	CONCRETE	LAM	LAMINATED	STRUCT	STRUCTURAL
CONN	CONNECTION	LAT	LATERAL	SWB	SHORT WAY BOTTOM
CONSTR	CONSTRUCTION	LF	LINEAR FOOT	SWT	SHORT WAY TOP
CONT	CONTINUOUS	LL	LIVE LOAD	SYM	SYMMETRICAL
COORD	COORDINATE	LLH	LONG LEG HORIZONTAL		
CR	CRACK	LLV	LONG LEG VERTICAL		
CSK/S	COUNTERSUNK SCREW	LO	LOW		
CTRD	CENTERED	LP	LOW POINT	T	TOP
		LS	LAG SCREW	T/	TOP OF
		LTL	LINTEL	T&B	TOP AND BOTTOM
d(penny)	NAILS	LTW	LIGHTWEIGHT	T&G	TONGUE AND GROOVE
D	DEPTH	LWB	LONG WAY BOTTOM	TCX	TOP CHORD EXTENSION
DBE	DECK BEARING ELEVATION	LWC	LIGHTWEIGHT CONCRETE	TEMP	TEMPORARY
DBL	DOUBLE	LWT	LONG WAY TOP	THK	THICK
DEMO	DEMOLITION			THRU	THROUGH
DET	DETAIL			TOS	TOP OF STEEL
DEG	DEGREE	MAS	MASONRY	T/SL	TOP OF SLAB
DIA	DIAMETER	MAX	MAXIMUM	TU	TILTUP
DIAG	DIAGONAL	MBR	MEMBER	T/W	TOP OF WALL
DIM	DIMENSION	MECH	MECHANICAL	TYP	TYPICAL
DIR	DIRECTION	MEP	MECHANICAL, ELECTRICAL & PLUMBING		
DL	DEAD LOAD	MFR	MANUFACTURER	UBC	UNIFORM BUILDING CODE
DN	DOWN	MIN	MINIMUM	UON	UNLESS OTHERWISE NOTED
DWG	DRAWING(S)	MISC	MISCELLANEOUS	USACE	UNITED STATES ARMY CORPS OF ENGINEERS
DWLS	DOWELS	MO	MASONRY OPENING		
		MTL	METAL	VEF	VERTICAL EACH FACE
EA	EACH			VERT	VERTICAL
EF	EACH FACE	#	NUMBER	VIF	VERTICAL INSIDE FACE
EL	ELEVATION	NIC	NOT IN CONTACT	VOF	VERTICAL OUTSIDE FACE
ELEV	ELEVATOR	NOM	NOMINAL	VSC	VERTICAL SLOTTED CONNECTION
EMBED	EMBEDMENT	NS	NEAR SIDE		
ENGR	ENGINEER	NTS	NOT TO SCALE	W	WIDTH, WIDE
EOD	EDGE OF DECK			W/	WITH
EOR	ENGINEER OF RECORD	OA	OVERALL	WD	WOOD
EOS	EDGE OF SLAB	OC	ON CENTER	WF	WIDE FLANGE
EQ	EQUAL	OD	OUTSIDE DIAMETER	W/O	WITHOUT
EQUIP	EQUIPMENT	O/F	OUTSIDE FACE	WPRF	WATERPROOF
EW	EACH WAY	OPH	OPPOSITE HAND	WP	WORKING POINT
EWEP	EACH WAY EACH FACE	OPNG	OPENING	WS	WATERSTOP
EXIST	EXISTING	OPP	OPPOSITE	WT	WEIGHT
EXP	EXPANSION			WWR	WELDED WIRE REINFORCING
EXT	EXTERIOR	PART	PARTITION		
		PC	PIECE		
FD	FLOOR DRAIN	PCC	PRECAST CONCRETE		
FDN	FOUNDATION	PCF	POUNDS PER CUBIC FOOT		
FF	FINISHED FLOOR	PEN	PENETRATION		
FIN	FINISH	PTB	PREFABRICATE(D)		
FLG	FLASHING	PL	PLATE		
FLR	FLOOR	PLAS	PLASTER		
FO	FACE OF	PLF	POUNDS PER LINEAR FOOT		
FRMG	FRAMING	PLYWD	PLYWOOD		
FS	FAR SIDE	PRESS	PRESSURE		
FT	FOOT	PROJ	PROJECT; PROJECTED; PROJECTION		
FTG	FOOTING	PSF	POUNDS PER SQUARE FOOT		
		PSI	POUNDS PER SQUARE INCH		

MATERIAL INDICATIONS

SYMBOL	DESCRIPTION
	— EARTH
	— DRAINAGE FILL/GRAVEL/STONE
	— CONCRETE
	— CMU GROUTED SOLID
	— MASONRY BLOCK (CMU)
	— BRICK
	— GRATING
	— STEEL
	— RIGID INSULATION
	— PLYWOOD
	— BATT INSULATION
	— LAMINATED WOOD
	— CONT SOLID WOOD
	— WOOD BLOCKING
	— BED ROCK



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GENERAL NOTES & SPECIAL
INSPECTION SCHEDULE

PROGRESS SET ☐ BID SET ☒ PERMIT SET ☐ CONSTRUCTION SET ☐
2019

CAPITAL PROJECT 1483
CONSTRUCTION OF A NEW ANIMAL SHELTER FACILITY
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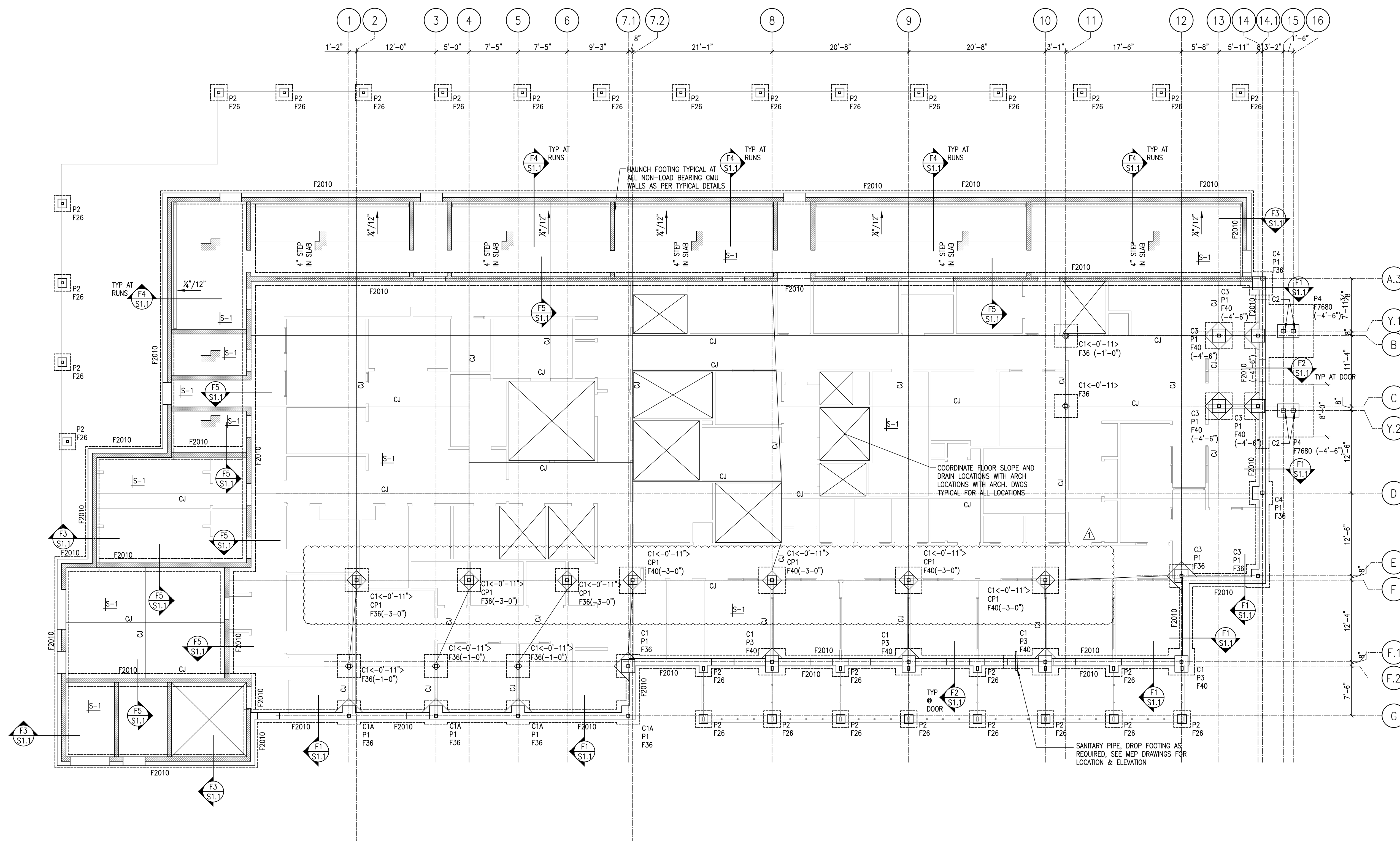
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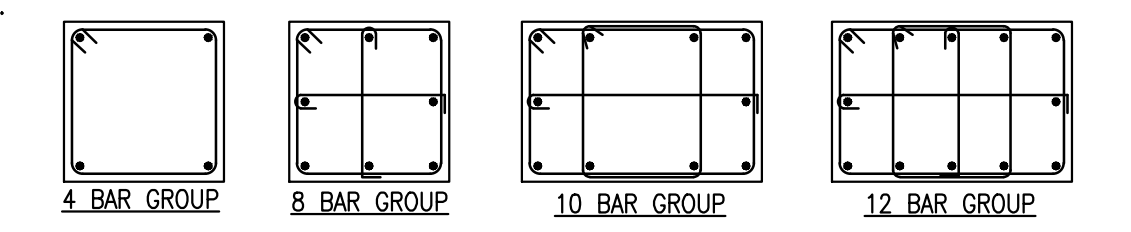
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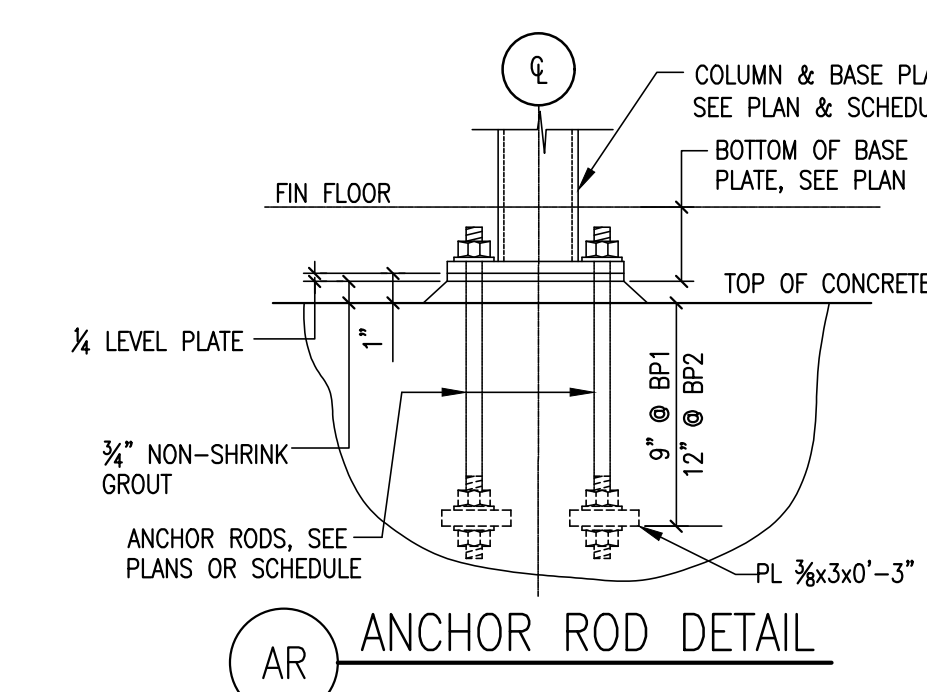
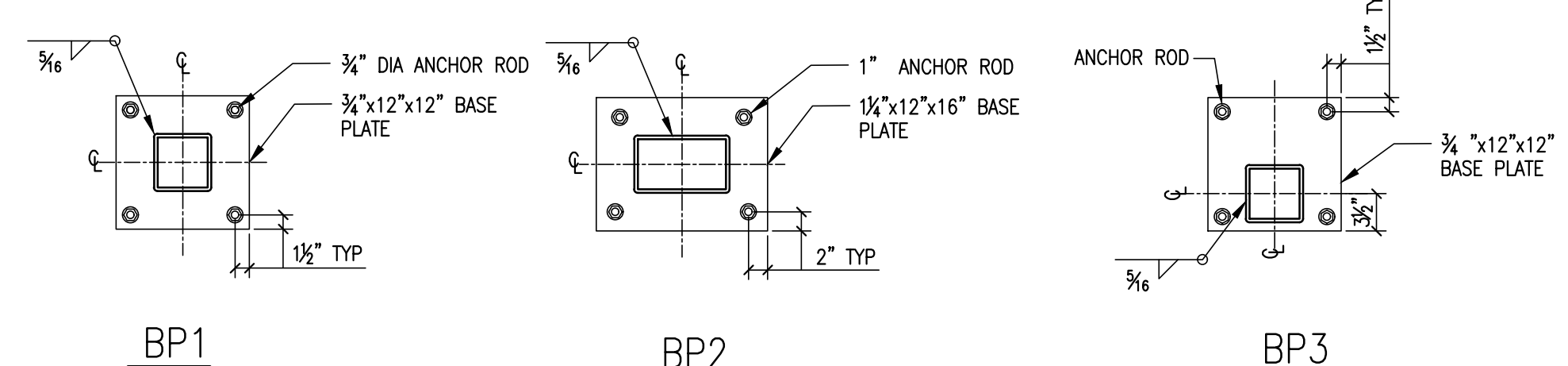
FOUNDATION PLAN

SCALE: 1/8" = 1'-0" (DO NOT SCALE PLAN)

- NOTES
- TOP OF FINISHED FLOOR SLAB ELEVATION 469.5' REFERENCED AS DATUM EL. 0'-0".
 - TOP OF SLAB ELEVATION IS AT DATUM UNLESS NOTED THUS ON PLAN FROM DATUM.
 - TOP OF PROPOSED FOOTING ELEVATION IS -3'-0" BELOW DATUM UNLESS NOTED THUS ON () ON PLAN FROM DATUM.
 - CJ - DENOTES CONTROL/CONSTRUCTION JOINT. MAXIMUM SPACING OF JOINTS NOT TO EXCEED 20'-0".
 - DENOTES 5" SLAB ON GRADE, REINFORCED W/ 6x6 W2.0xW2.0 WWR ON 10 MIL VAPOR BARRIER ON 6" DRAINAGE FILL (3/4" CRUSHED STONE).
 - DENOTES CHANGE IN FLOOR ELEVATION.
 - SLOPE - DENOTES SLOPE TO LOW POINT.
 - F - DENOTES CONCRETE FOOTING. SEE SCHEDULE FOR SIZE & REINFORCEMENT.
 - COORDINATE SLAB DEPRESSIONS WITH ARCHITECTURAL AND MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS.
 - REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
 - SEE TYPICAL DETAIL DRAWINGS FOR TYPICAL DETAILS NOT REFERENCED ON PLANS.
 - FOR ADDITIONAL INFORMATION, SEE GENERAL NOTES.
 - P1 - DENOTES 24"x24" CONCRETE PIER REINFORCED W/ (8) #7 VERT. AND #3 TIES (6) AT 3" OC TOP & BALANCE AT 12" OC.
 - P2 - DENOTES 16"x16" CONCRETE PIER REINFORCED W/ (4) #7 VERT. AND #3 TIES (6) AT 3" OC TOP & BALANCE AT 12" OC.
 - P3 - DENOTES 24"x30" CONCRETE PIER REINFORCED W/ (10) #7 VERT. AND #4 TIES (6) AT 3" OC TOP & BALANCE AT 12" OC.
 - P4 - DENOTES 24"x48" CONCRETE PIER REINFORCED W/ (12) #7 VERT. AND #4 TIES (6) AT 3" OC TOP & BALANCE AT 12" OC.



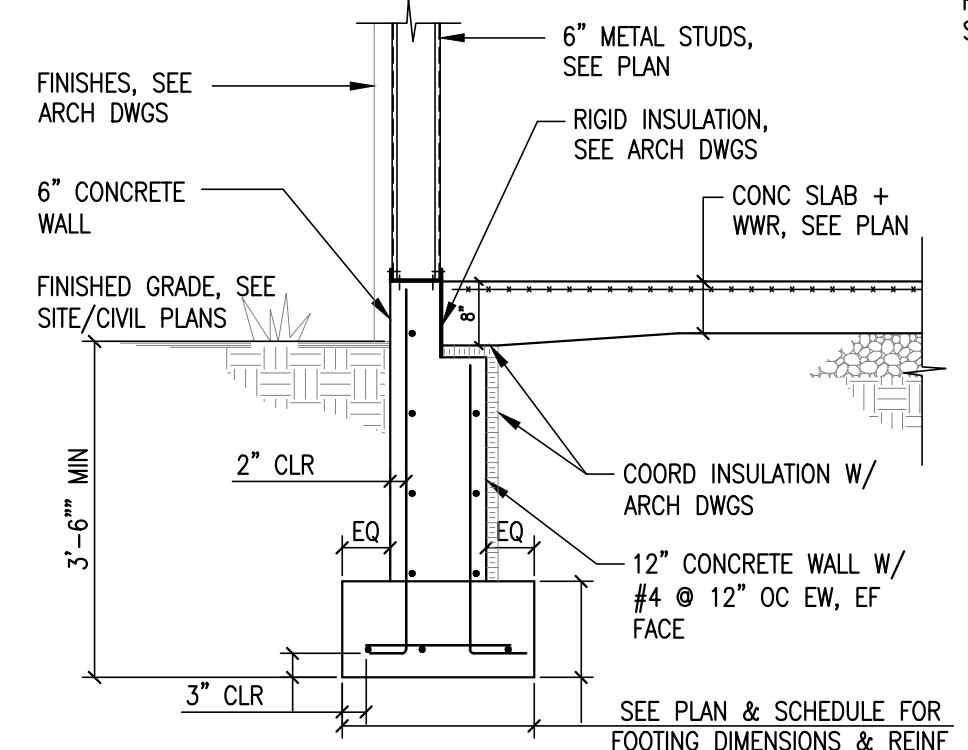
- NOTES
- ALL PIERS TO HAVE #3 TIES, (3) @ 3" TOP & BOTTOM, BALANCE @ 12".
 - ALL PIER TO BE CENTERED UNDER COLUMN UNLESS DETAILED OTHERWISE.



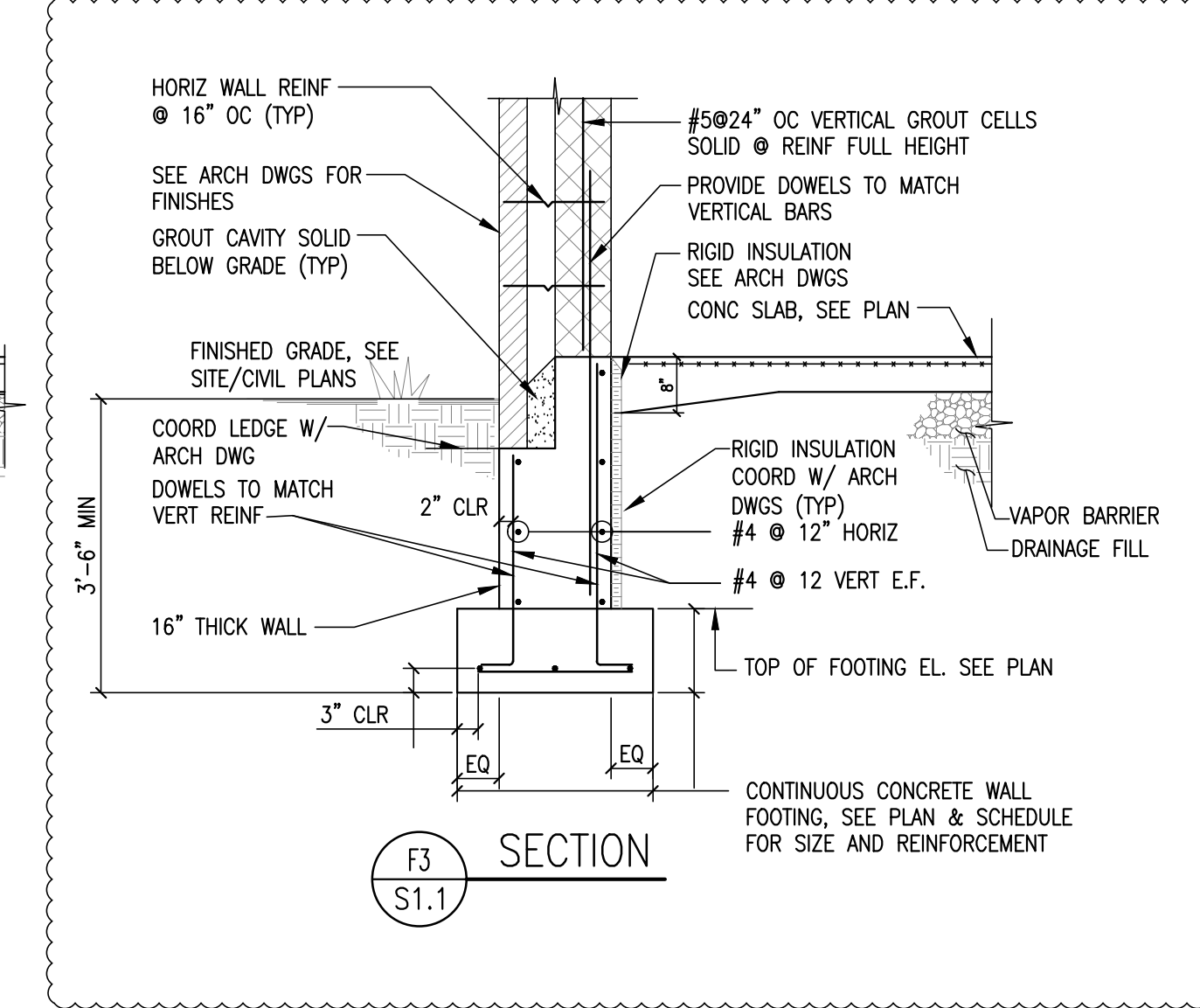
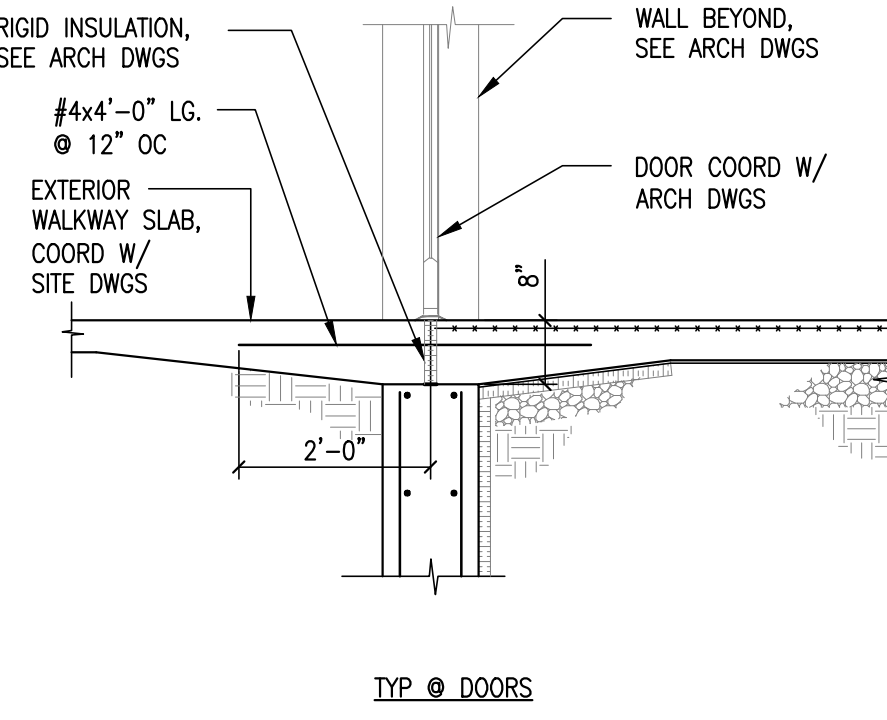
COLUMN SCHEDULE		
MARK	COLUMN SIZE	BASE PLATE
C1	HSS5 1/2 x 5 1/2 x 3/4	BP1
C1A	HSS5 1/2 x 5 1/2 x 3/4	BP3
C2	HSS8 x 6 x 3/4	BP2
C3	HSS5 1/2 x 5 1/2 x 3/4	BP1
C4	HSS8 x 6 x 3/4	BP3

- COLUMN SCHEDULE NOTES:
- ALL COLUMNS TO HAVE (4) 3/4" DIA HEADED ANCHOR RODS UNLESS OTHERWISE NOTED.
 - ALL COLUMNS THAT HAVE CAP PLATES:
 - 3/4" THICK @ BEAM BEARING
 - 3/4" THICK @ JOIST BEARING
 - ALL OTHERS 1/2" THICK UNLESS NOTED OTHERWISE
 - ALL HSS COLUMNS TO HAVE 1/4" THICK CAP PLATE UNLESS OTHERWISE DETAILED OR NOTED.
 - ALL STEEL COLUMNS SUPPORTING CANTILEVER MEMBERS TO HAVE 3/4" TOP PLATES W/ (4) 3/4" DIA A325 BOLTS UNLESS NOTED OTHERWISE.
 - IF PIER IS REQUIRED DUE TO FIELD CONDITION AND NONE IS INDICATED ON PLAN OR SCHEDULE: PROVIDE 24" x 24" CONC PIER W/ (8) #8 VERT & #3 TIES @ 12".
 - ALL HSS COLUMNS TO BE GRADE 46 KSI.
 - SEE TYPICAL DETAIL DRAWINGS FOR CONNECTIONS TO HSS COLUMNS.
 - PROVIDE ASPHALTIC/EPXY COATING FOR BELOW GRADE PORTION OF STEEL COLUMNS.

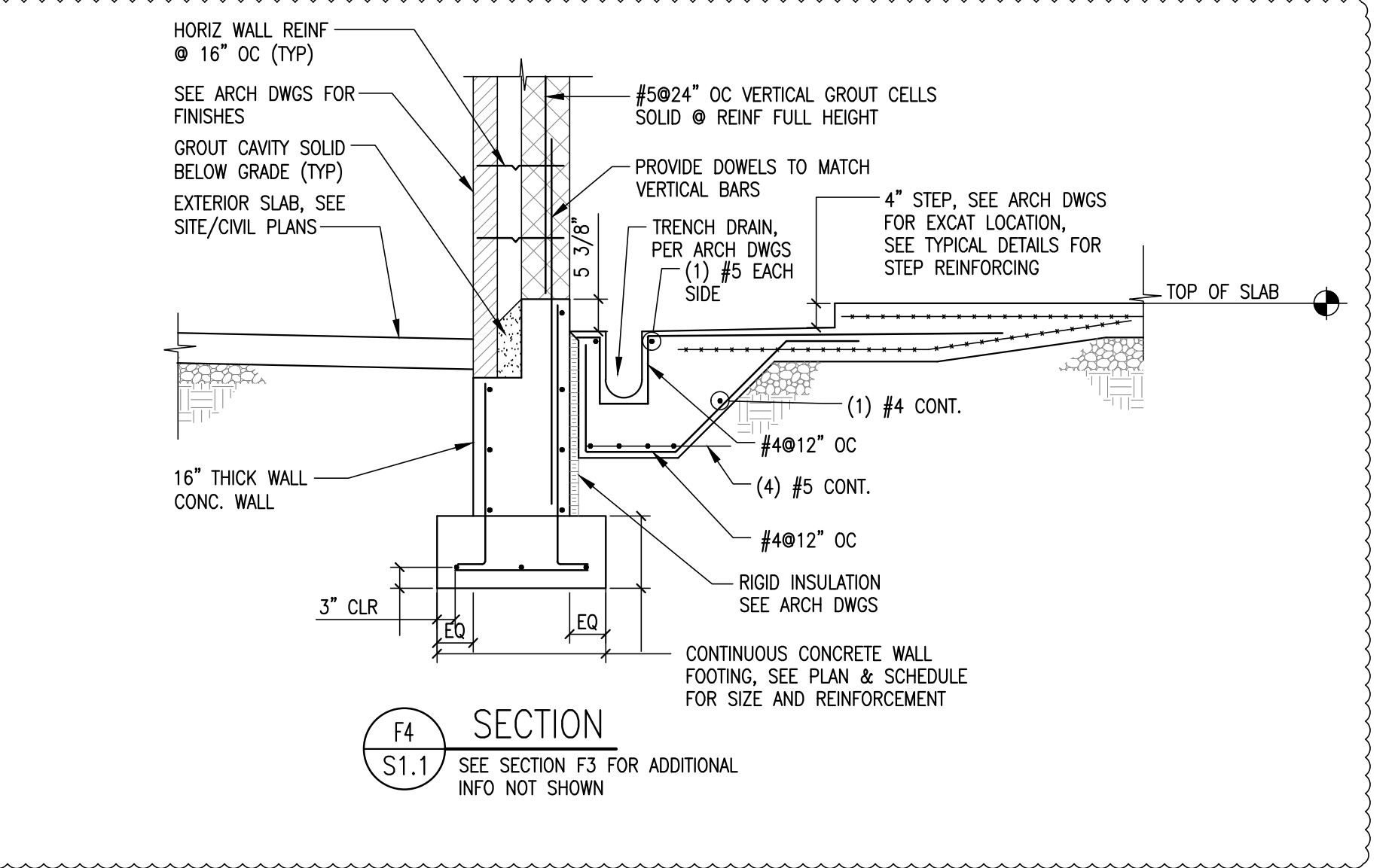
FOOTING SCHEDULE			
MARK	SIZE	DEPTH	REINFORCEMENT
F2010	2'-0" CONT.	1'-0"	#5 @ 24" OC, SHORT BOT. (3) #5 CONT. BOT.
F7680	7'-6"x8'-0"	1'-8"	(8) #7 EW T&B
F36	3'-6"x3'-6"	1'-0"	(4) #5 EW, BOT.
F26	2'-6"x2'-6"	1'-0"	(3) #5 EW, BOT.
F40	4'-0"x4'-0"	1'-0"	(5) #5 EW, BOT.



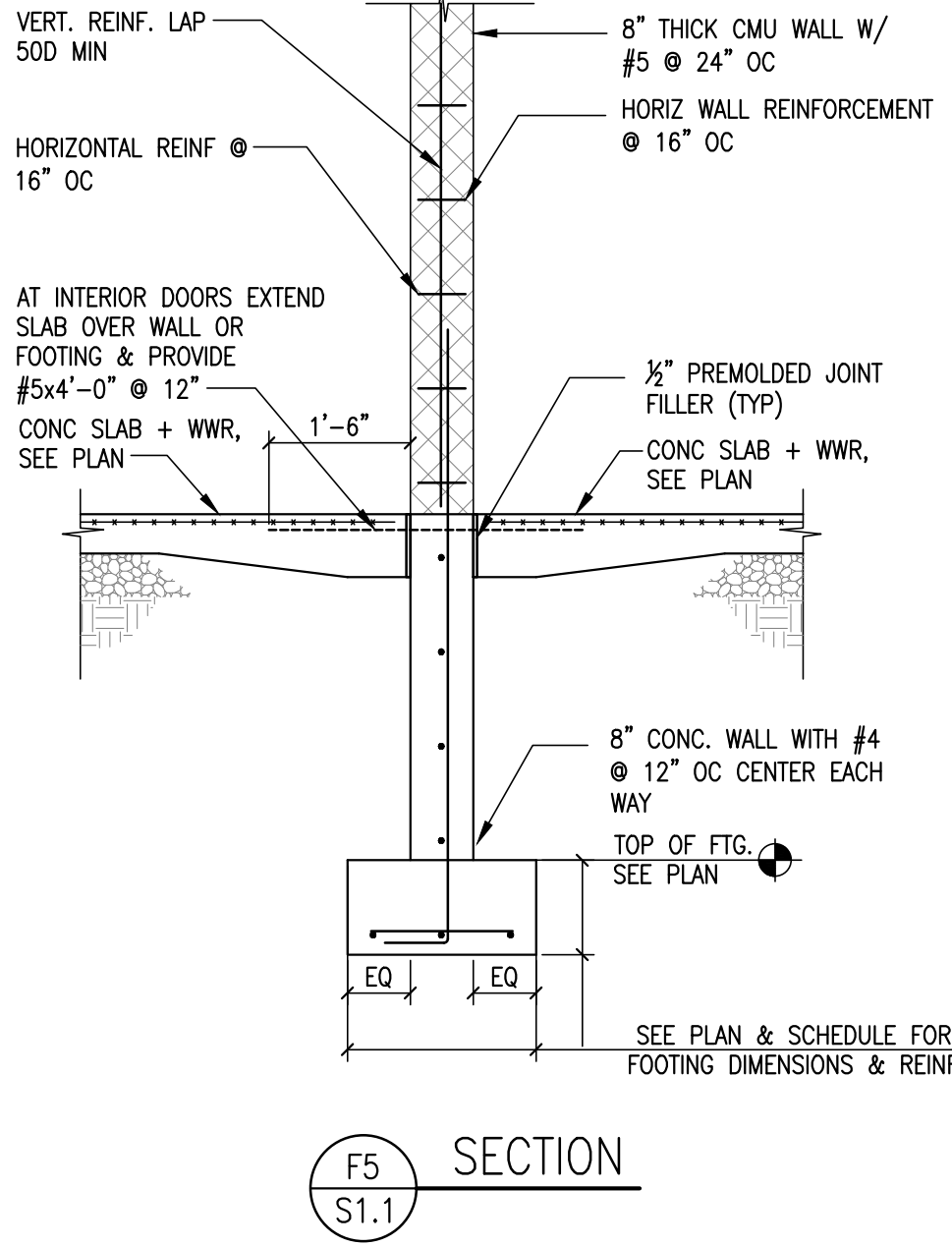
SECTION F1 S1.1
NOTE: SEE SECTION F1 FOR ADDITIONAL INFO NOT SHOWN



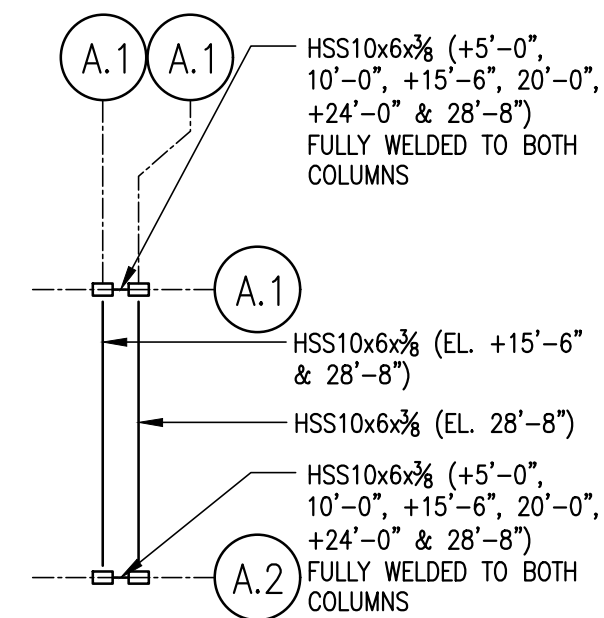
SECTION F3 S1.1



SECTION F4 S1.1
SEE SECTION F3 FOR ADDITIONAL INFO NOT SHOWN



SECTION F5 S1.1



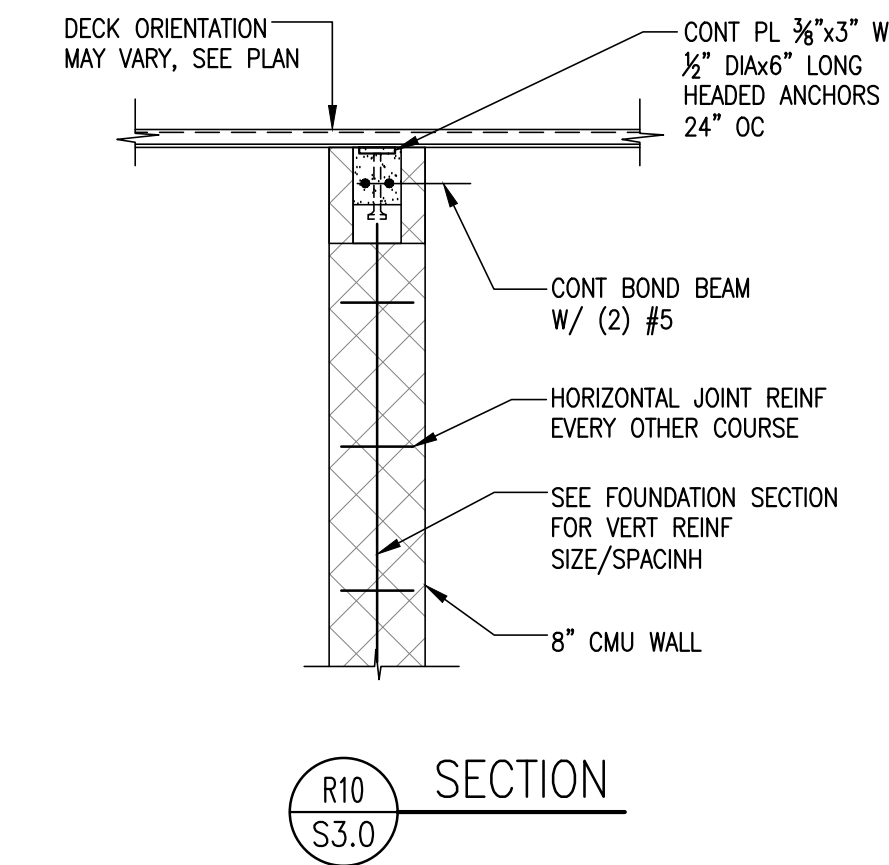
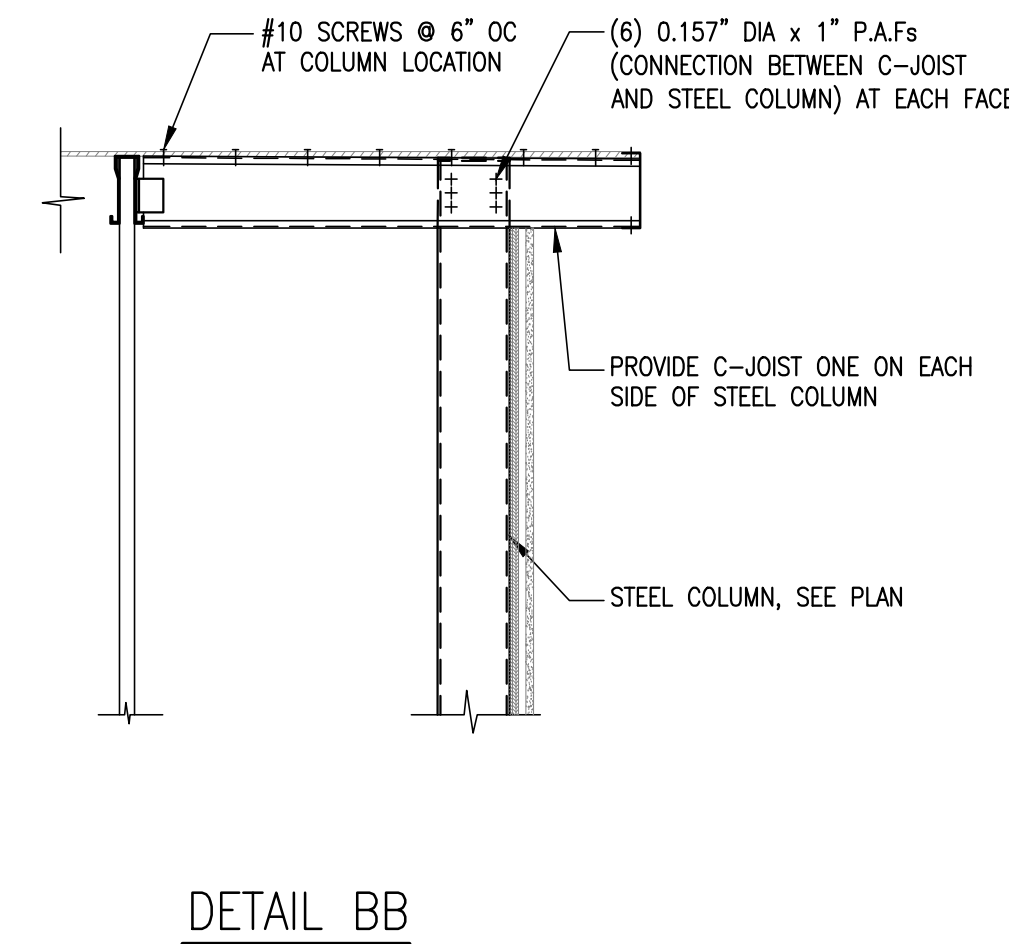
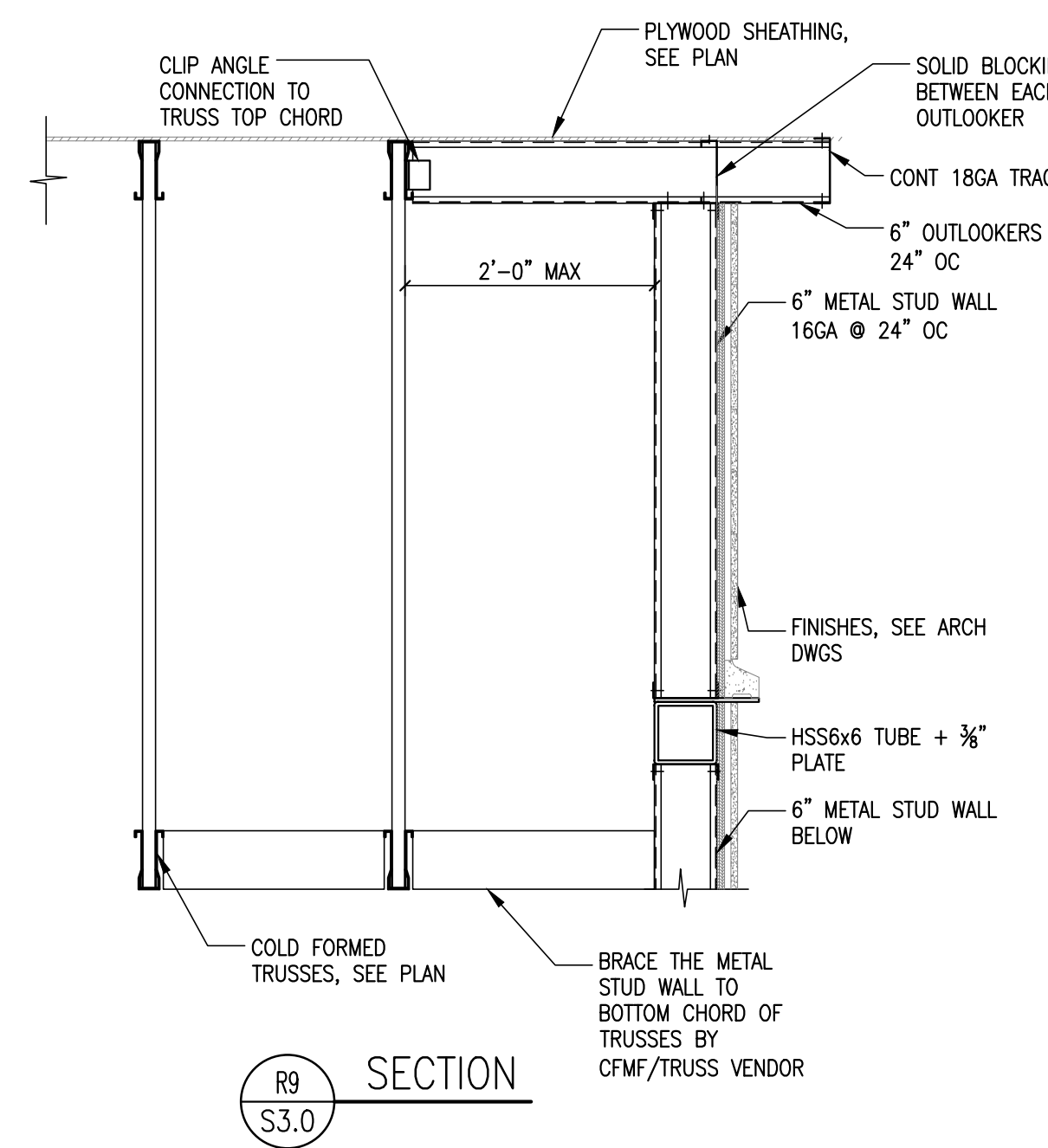
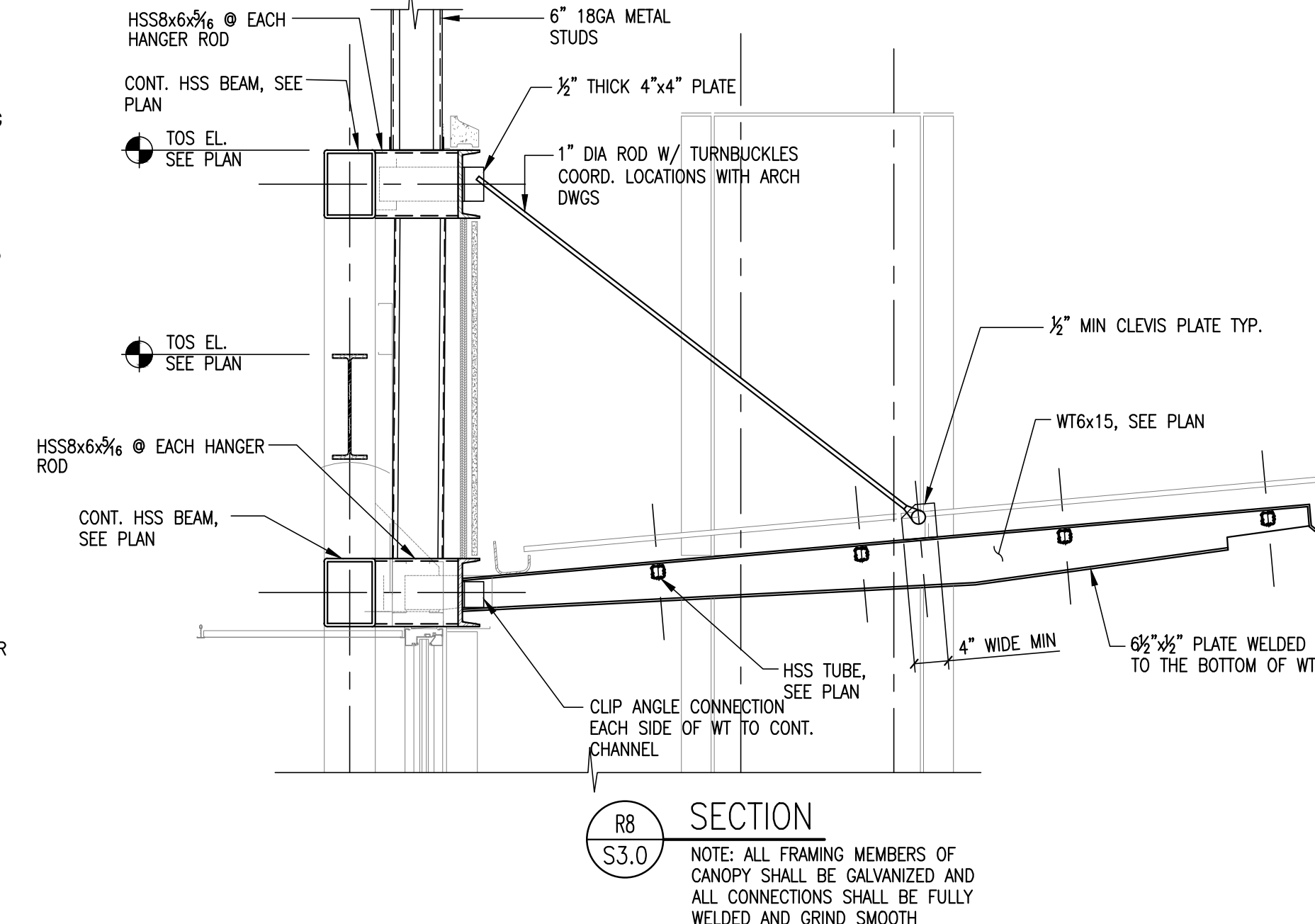
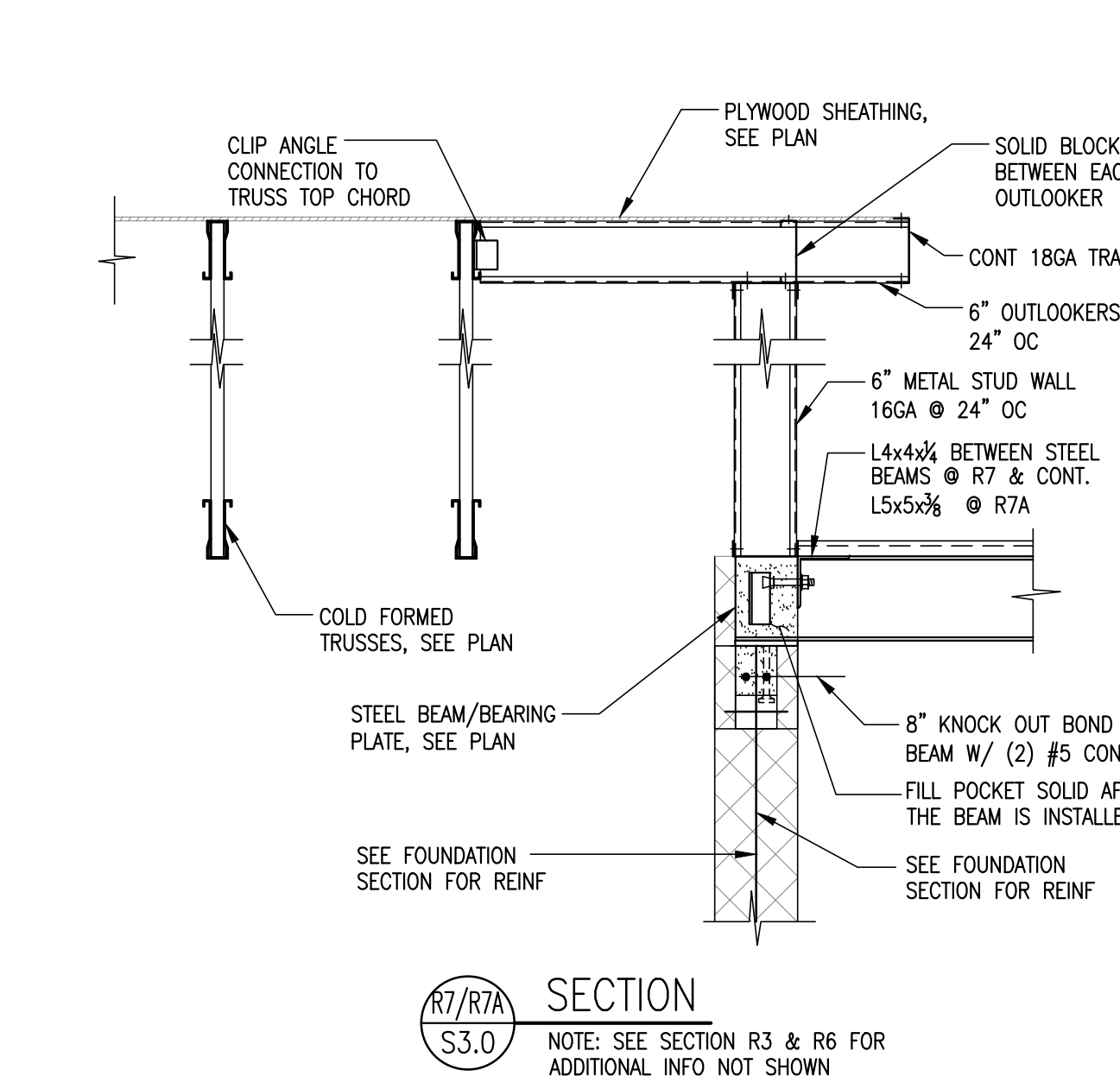
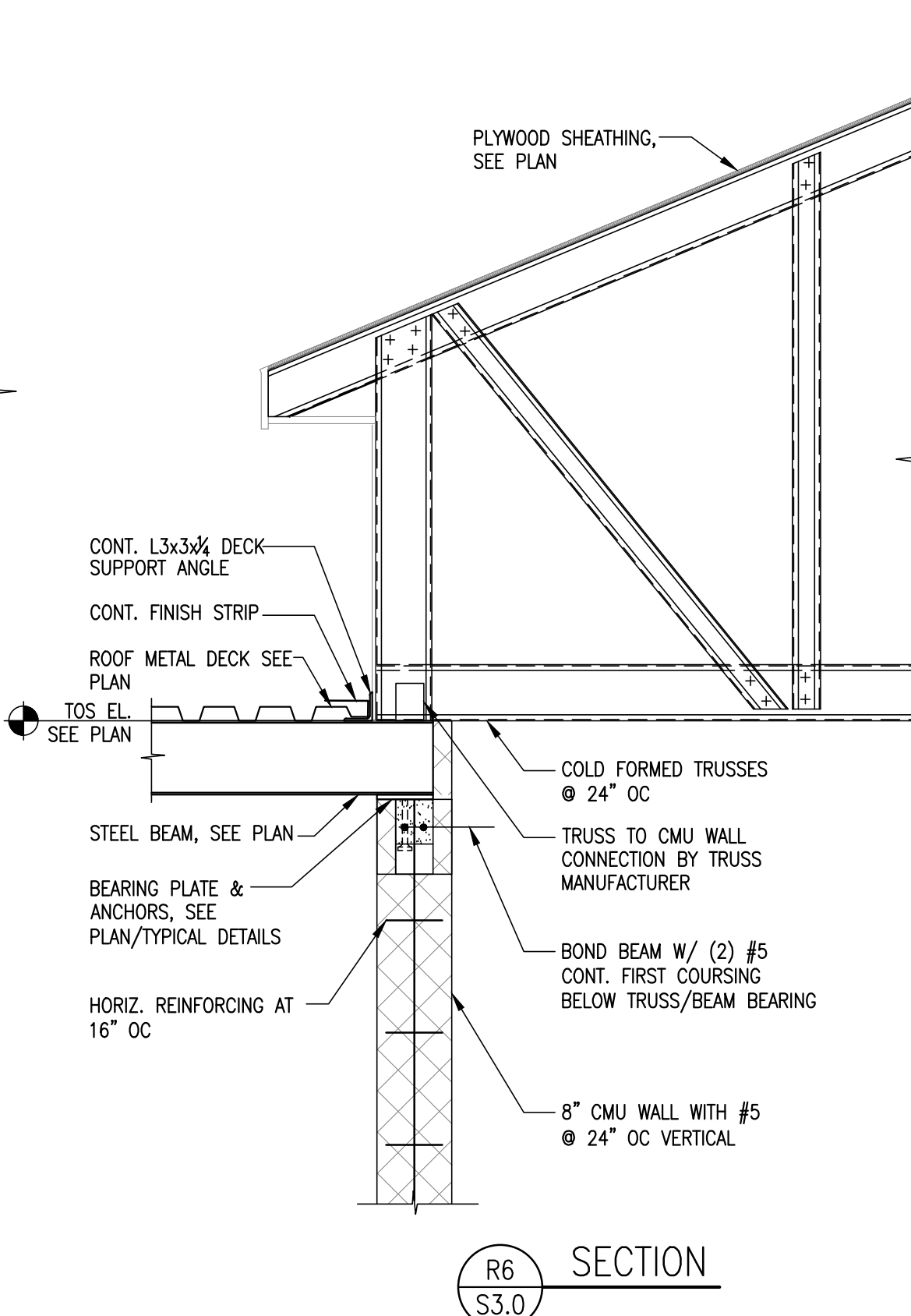
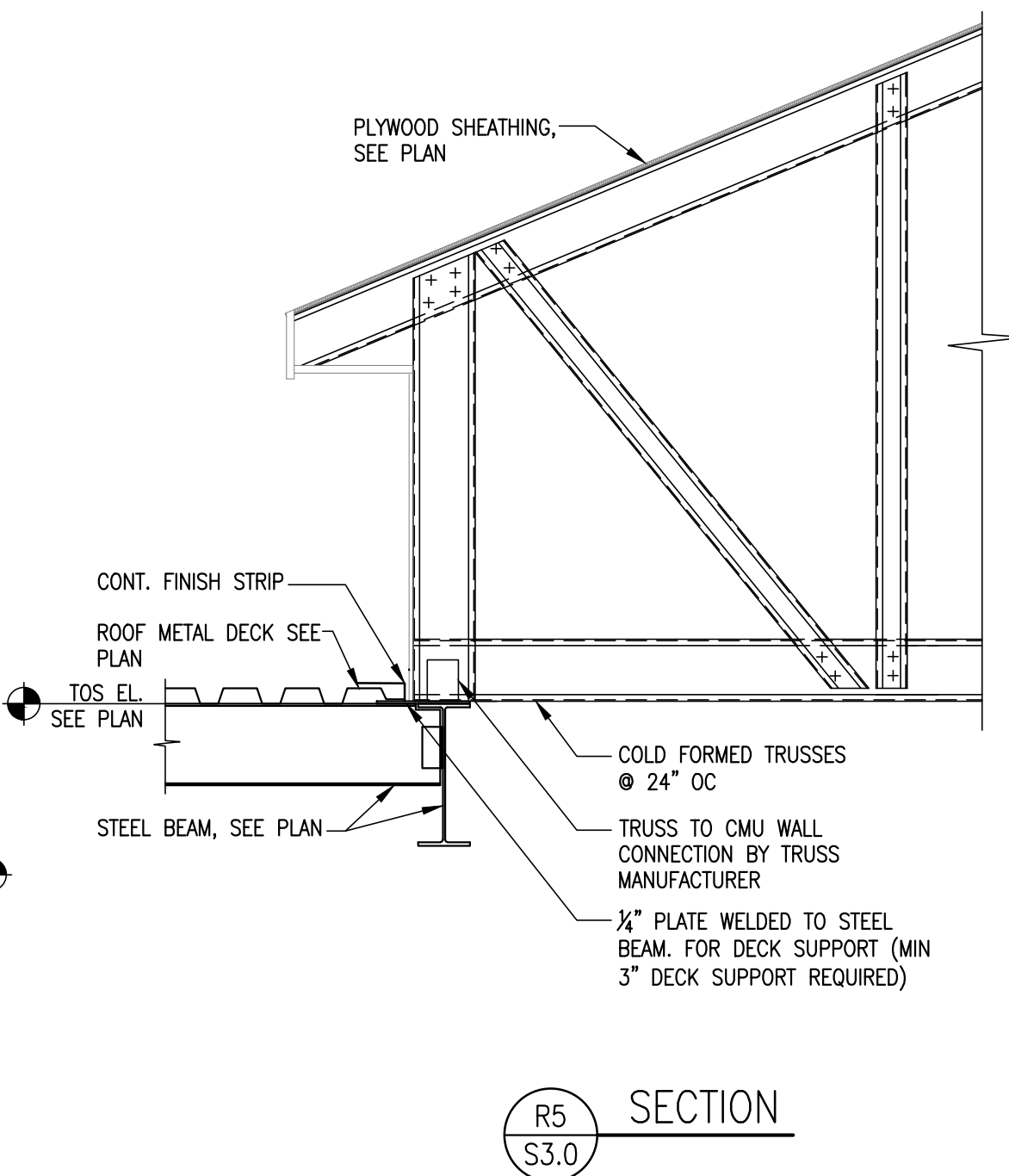
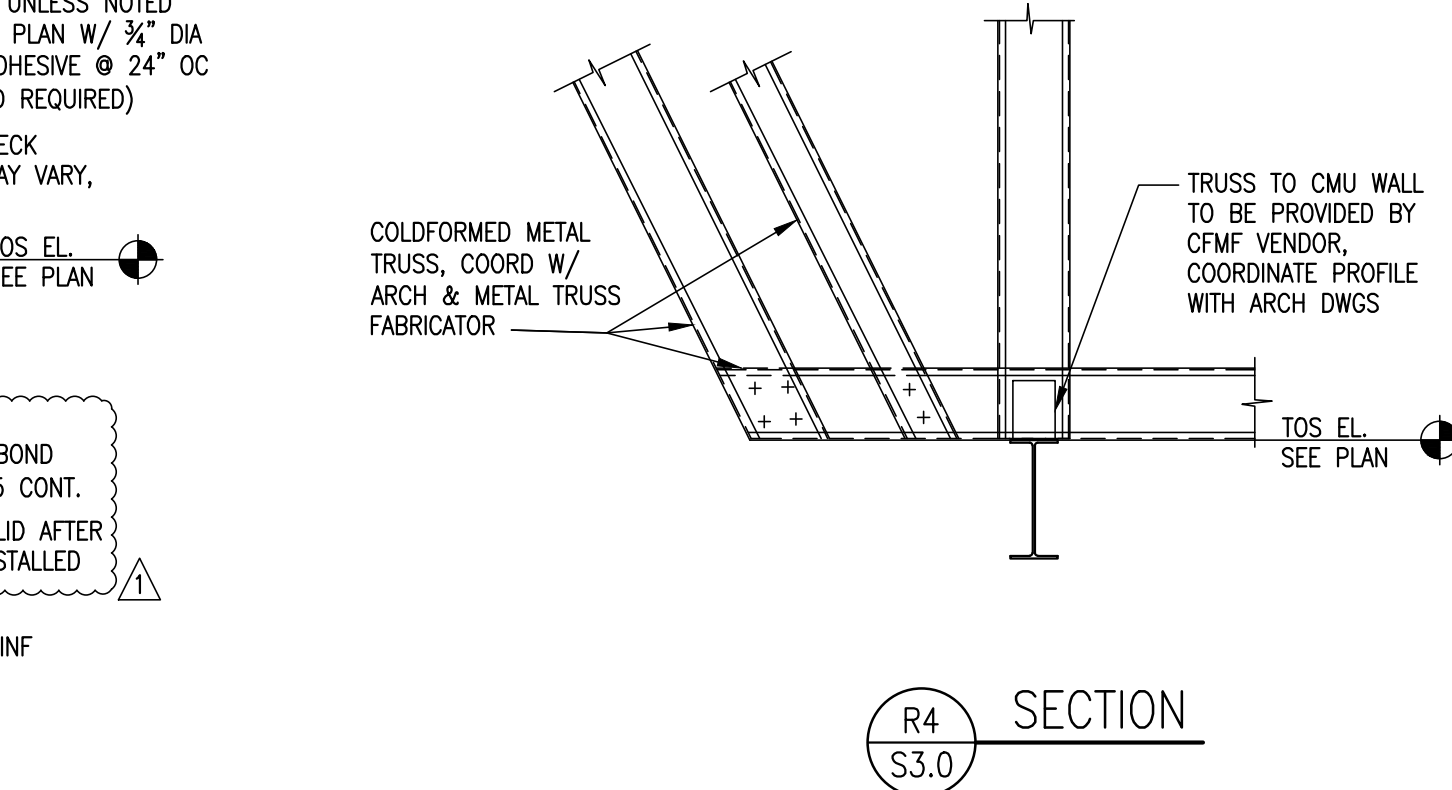
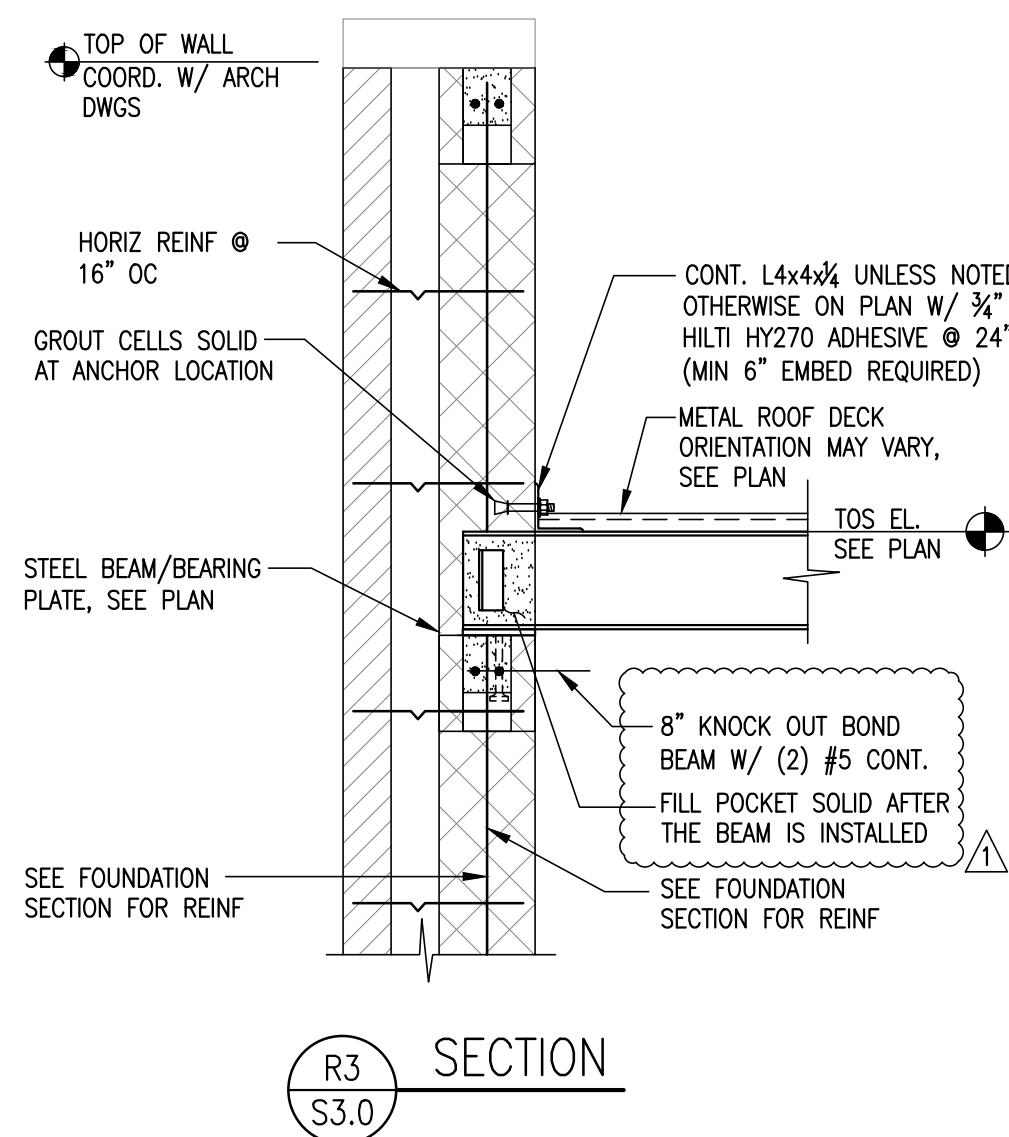
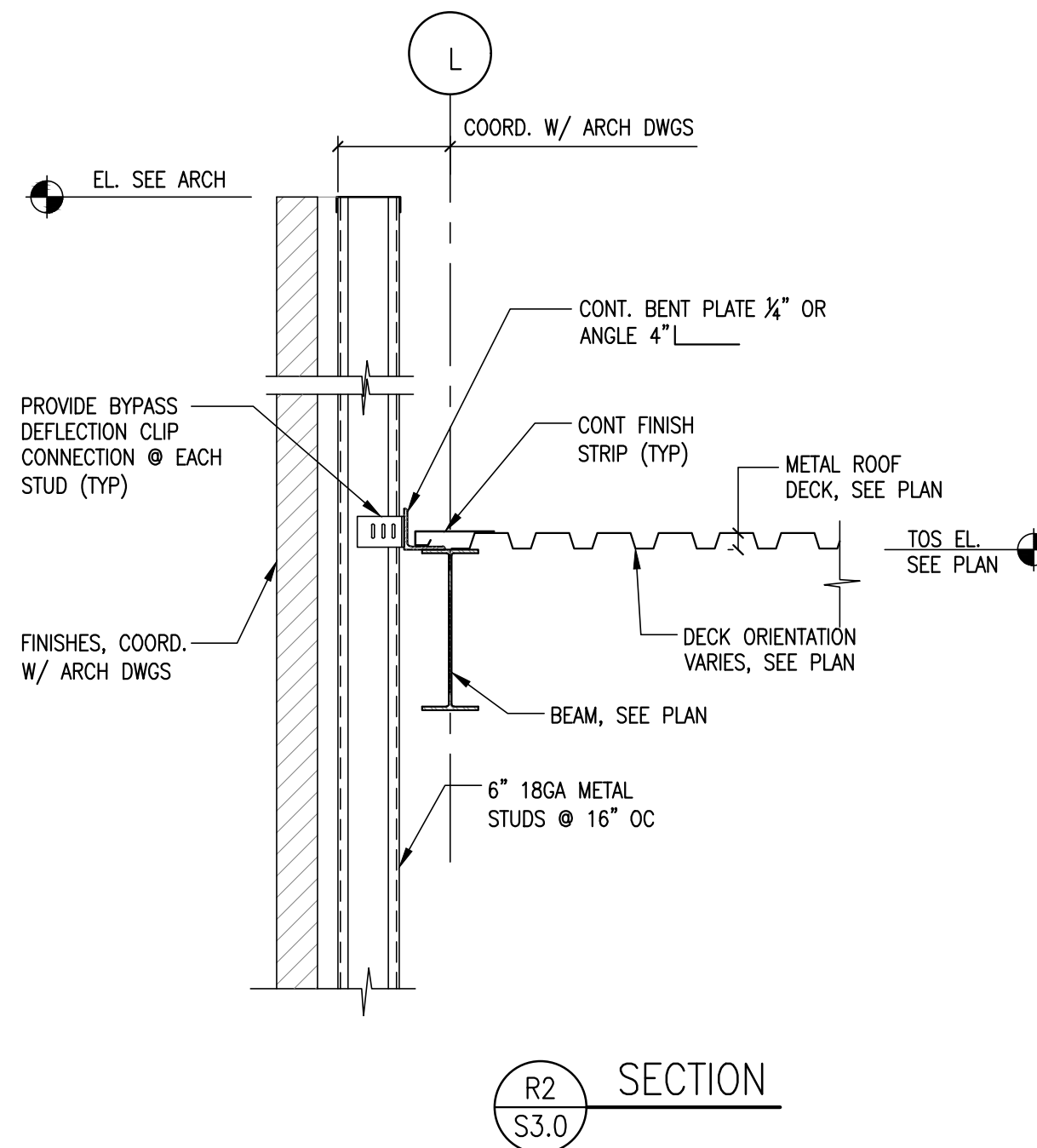
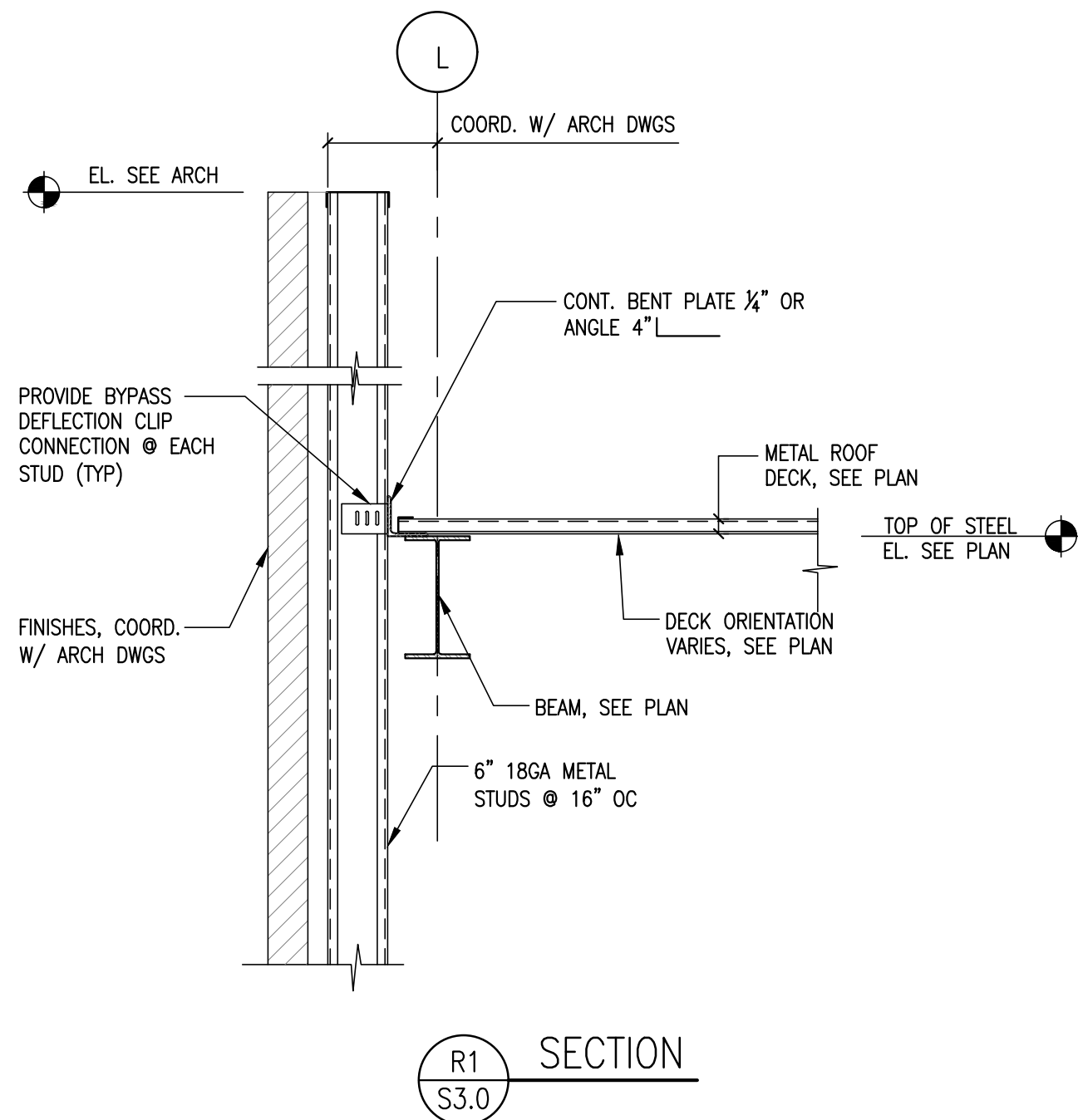
The structural drawings include the following components and annotations:

- TOP CHORD:** 17 PSF DEAD LOAD, 30 PSF LIVE LOAD.
- BOTTOM CHORD:** 10 PSF DEAD LOAD.
- ATTIC WALKWAY:** SEE ARCH DWGS FOR LAYOUT AND EXTENT.
- T1 TRUSS PROFILE (TYP):** Indicated for the main truss structure.
- T2 TRUSS PROFILE:** Indicated for a specific truss section.
- T3 TRUSS PROFILE:** Indicated for another truss section.
- TRUSS SUPPORT:** Indicated at the base of the truss.
- COORDINATE ROOF OVERHANG CONT. W/ ARCH DWGS (TYP):** Indicated for the roof overhang.
- PSF WIND LOADS SEE GENERAL NOTES:** Indicated for the wind load distribution.
- TRUSS PROFILE SHOWN IS NOT REPRESENTATIVE OF ACTUAL PROFILES REQUIRED. TRUSS MANUFACTURER TO COORDINATE REQUIRED PROFILES PER ARCHITECTURAL DRAWINGS.** (Note for T2 profile)
- 40 PSF:** Indicated for the roof deck load.

NON-LOAD BEARING EXTERIOR METAL STUD SCHEDULE			
WALL CLADDING	NOMINAL STUD DEPTH	STUD DESIGNATION	MAX SPAN
METAL PANEL	0'-6"	600S162-43	13'-0"
		600S162-43	14'-0"

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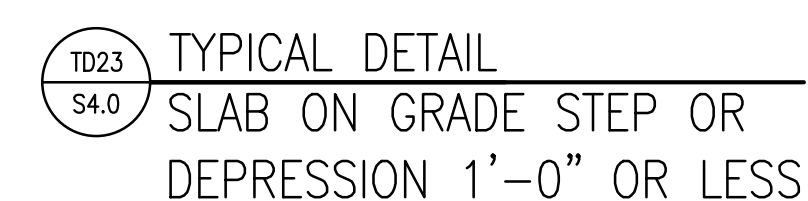
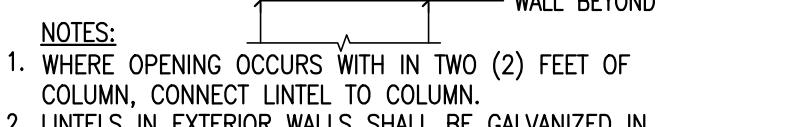
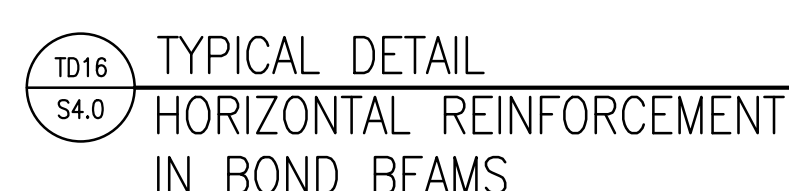
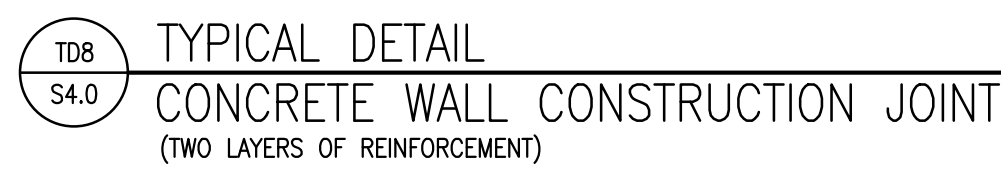
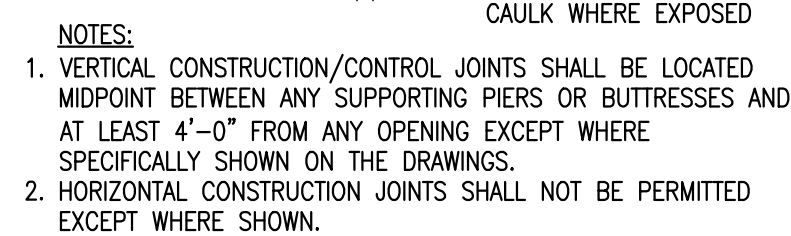
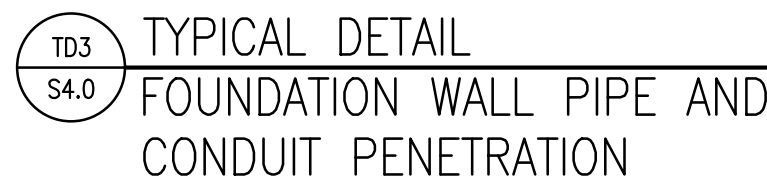
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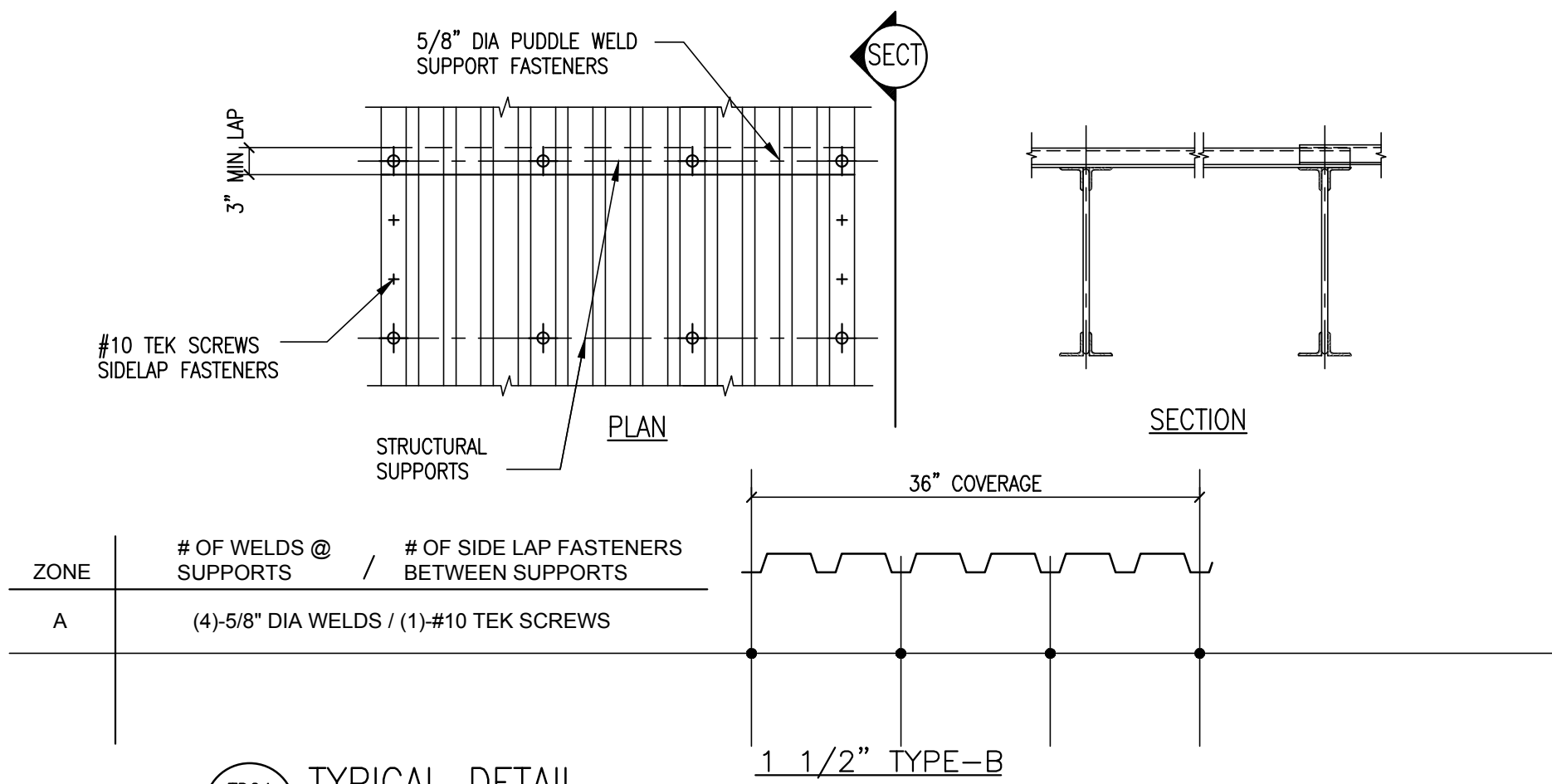


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S3.0		ROOF SECTIONS		DRAWN BY: MPP		CAPITAL PROJECT 1483	
				CHECKED BY: SWM		CONSTRUCTION OF A NEW ANIMAL SHELTER FACILITY	
				SCALE: AS NOTED		65 FIREMENS MEMORIAL DRIVE, POMONA, NY 10970	
		PROGRESS SET <input type="checkbox"/>		BID SET <input type="checkbox"/>		DATE: 20 OCT 2021	
				PERMIT SET <input type="checkbox"/>			
				CONSTRUCTION SET <input type="checkbox"/>			
		1/201 RAUHAUS FREEDENFELD & ASSOCIATES, LLP		PROJECT NO. # 2019			





TD24
S4.1 TYPICAL DETAIL
ROOF DECK ATTACHMENT

1. DECK SHALL BE ATTACHED TO ALL STRUCTURAL SUPPORTS WITH 5/8" DIA PUDDLE WELDS.
2. SIDE LAPS BETWEEN STRUCTURAL SUPPORTS SHALL BE FASTENED BY #10 TEK SCREWS.
3. DECK SHALL BE ATTACHED TO ALL PERIMETER SUPPORTS WITH 5/8" DIA PUDDLE WELDS @ 6" OC MAX.
4. END LAPS SHALL BE A MINIMUM OF 3" AND SHALL OCCUR OVER SUPPORTS.
5. CAPACITY BASED ON 6'-0" DECK SPAN.

MISCELLANEOUS STEEL ANGLE MASONRY WALL LINTEL SCHEDULE			
WALL THICKNESS	MASONRY OPENING UP TO 4'-0"	MASONRY OPENING 4'-1" TO 6'-0"	MASONRY OPENING 6'-1" TO 8'-0"
4" WALL	L 3 1/2x3 1/2x5/16	L 4x3 1/2x5/16	L 6x3 1/2x5/16
6" WALL	JL 3 1/2x2 1/2x5/16	JL 3 1/2x2 1/2x5/16	JL 3 1/2x2 1/2x3/8
8" WALL	JL 3 1/2x3 1/2x5/16	JL 4x3 1/2x5/16	JL 6x3 1/2x5/16
10" WALL	L 5x3 1/2x1/4(*) + L 4x3 1/2x1/4(*)	L 5x3 1/2x1/4(*) + L 4x3 1/2x1/4(*)	L 5x5x5/16(*) + L 4x4x5/16(*)
12" WALL	JL L 3 1/2x3 1/2x5/16	JL L 4x3 1/2x5/16	JL L 6x3 1/2x5/16
16" WALL	JL JL 3 1/2x3 1/2x5/16	JL JL 4x3 1/2x5/16	JL JL 6x3 1/2x5/16

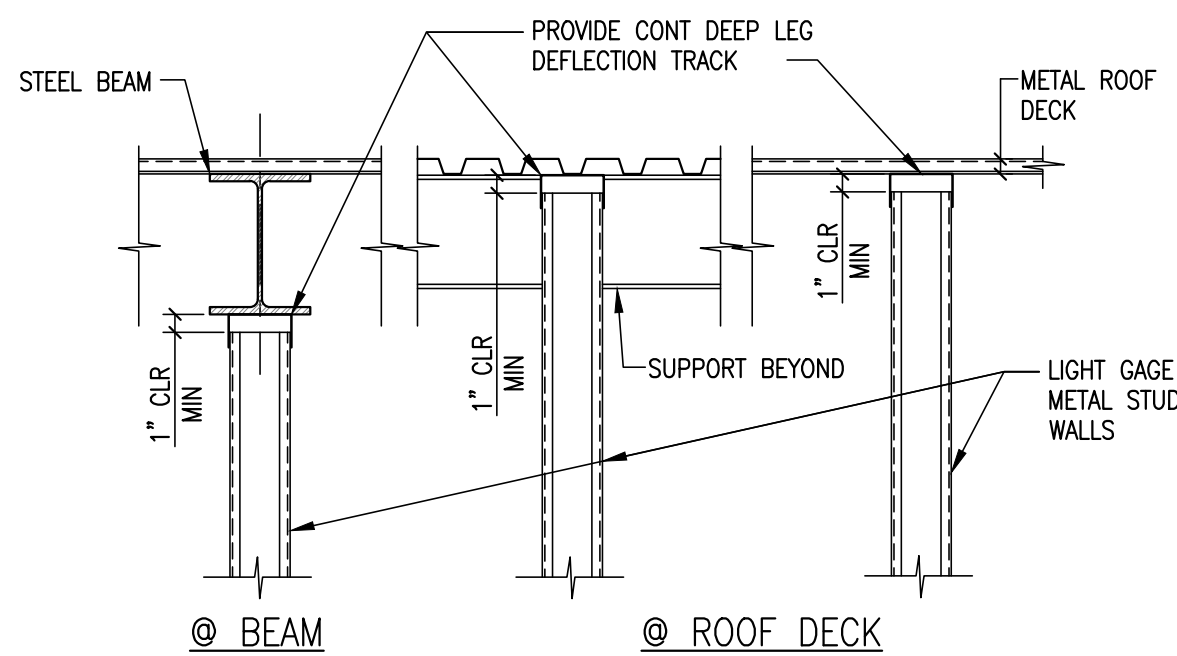
- NOTES:
1. THIS SCHEDULE IS FOR THOSE OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO ARCH AND MECH DRAWINGS FOR LOCATION AND SIZE OF OPENINGS FOR NON-BEARING MASONRY WALLS.
 2. PROVIDE MINIMUM 6" BEARING ON BRICK, SOLID OR GROUTED SOLID CONCRETE BLOCK, BUT NOT LESS THAN 1" OF BEARING PER FOOT OF SPAN.
 3. WHERE OPENINGS ARE LOCATED NEXT TO COLUMNS OR BEAMS, ATTACH TO STRUCTURAL STEEL, CONNECTION NOT TO PROTRUDE INTO OPENING.
 4. ALL EXTERIOR LINTELS SHALL BE HOT DIPPED GALVANIZED PER ASTM 123.
 5. ALL ANGLES LONG LEG VERTICAL UNLESS NOTED BY (*) WHEN NOTED BY (*) USE LONG LEG HORIZONTAL.
 6. AT CAVITY WALLS, INCREASE THE HORIZONTAL LEG OF EXTERIOR ANGLE BY WIDTH OF CAVITY.

TD25
S4.1 TYPICAL DETAIL
MISCELLANEOUS STEEL ANGLE MASONRY WALL LINTEL SCHEDULE

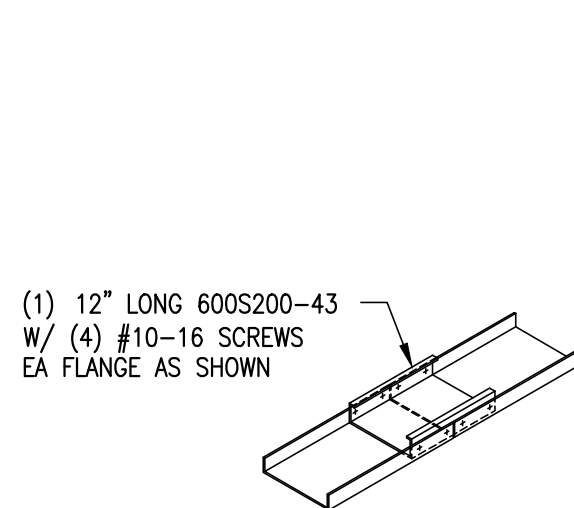
MISCELLANEOUS BOND OR PRECAST MASONRY LINTEL SCHEDULE			
WALL THICKNESS	MASONRY OPENING UP TO 6'-0"	MASONRY OPENING 6'-1" TO 8'-0"	MASONRY OPENING 8'-1" TO 10'-0"
8" WALL	8"x8" CONC W/(2) #4 TOP & BOT OR 8"x8" BOND BEAM W/(1) #5 TOP & BOT	8"x8" CONC W/(2) #4 TOP & BOT OR 8"x16" BOND BEAM W/(1) #5 TOP & BOT	8"x12" CONC W/(2) #5 TOP & BOT OR 8"x16" BOND BEAM W/(2) #5 TOP & BOT
10" WALL	10"x8" CONC W/(2) #4 TOP & BOT OR 10"x8" BOND BEAM W/(2) #4 TOP & BOT	10"x8" CONC W/(2) #4 TOP & BOT OR 10"x16" BOND BEAM W/(2) #5 TOP & BOT	10"x12" CONC W/(2) #6 TOP & BOT OR 10"x16" BOND BEAM W/(2) #6 TOP & BOT
12" WALL	12"x8" CONC W/(2) #4 TOP & BOT OR 12"x8" BOND BEAM W/(2) #5 TOP & BOT	12"x8" CONC W/(2) #4 TOP & BOT OR 12"x16" BOND BEAM W/(2) #5 TOP & BOT	12"x12" CONC W/(2) #6 TOP & BOT OR 12"x16" BOND BEAM W/(2) #6 TOP & BOT

- NOTES:
1. PROVIDE MINIMUM 6" BEARING ON BRICK, SOLID OR GROUTED SOLID CONCRETE BLOCK.
 2. THIS SCHEDULE IS FOR THOSE OPENINGS NOT SHOWN ON THE STRUCTURAL DRAWINGS. REFER TO ARCH & MECH DRAWINGS FOR LOCATION AND SIZE OF FOR NON-BEARING MASONRY WALL.

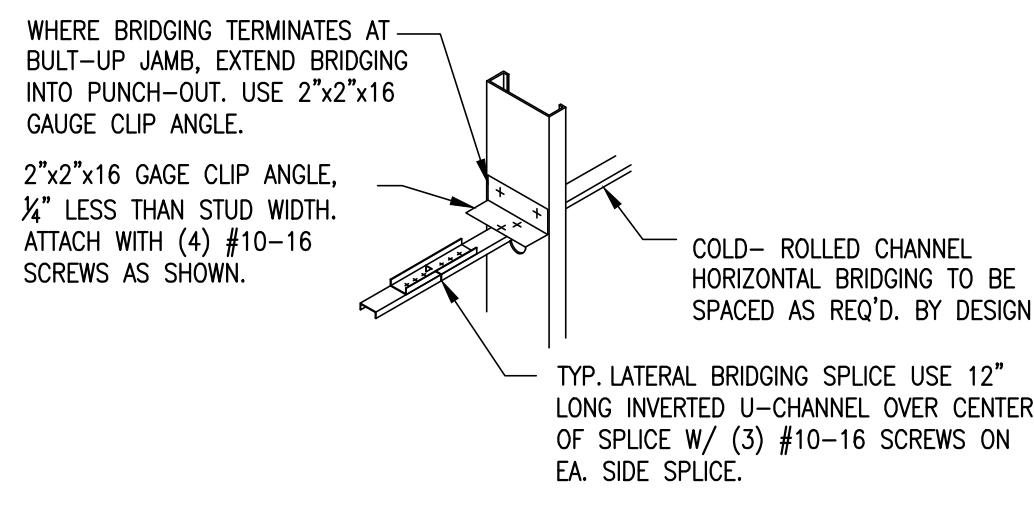
TD26
S4.1 TYPICAL DETAIL
MISCELLANEOUS BOND OR PRECAST MASONRY LINTEL SCHEDULE FOR NON-LOAD BEARING WALLS



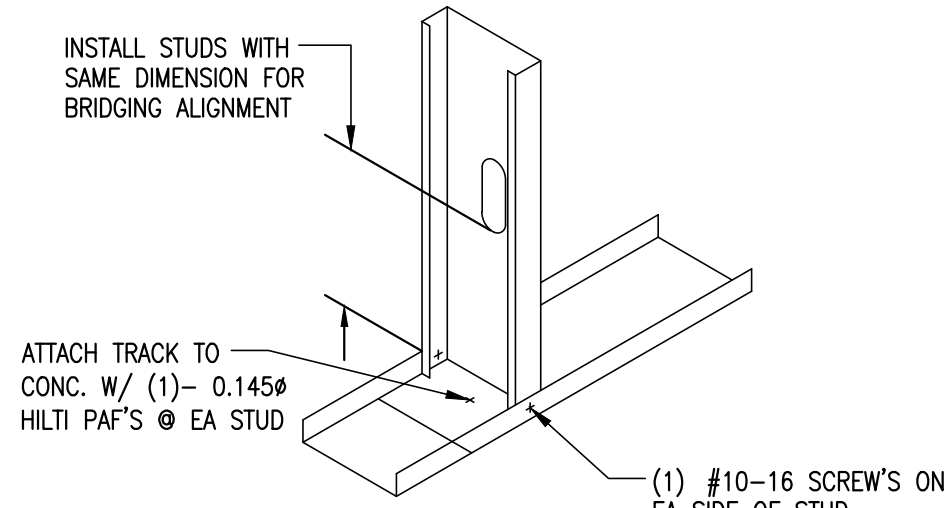
TD27
S4.1 TYPICAL DETAIL
METAL STUD BRACING AT BEAM/DECK



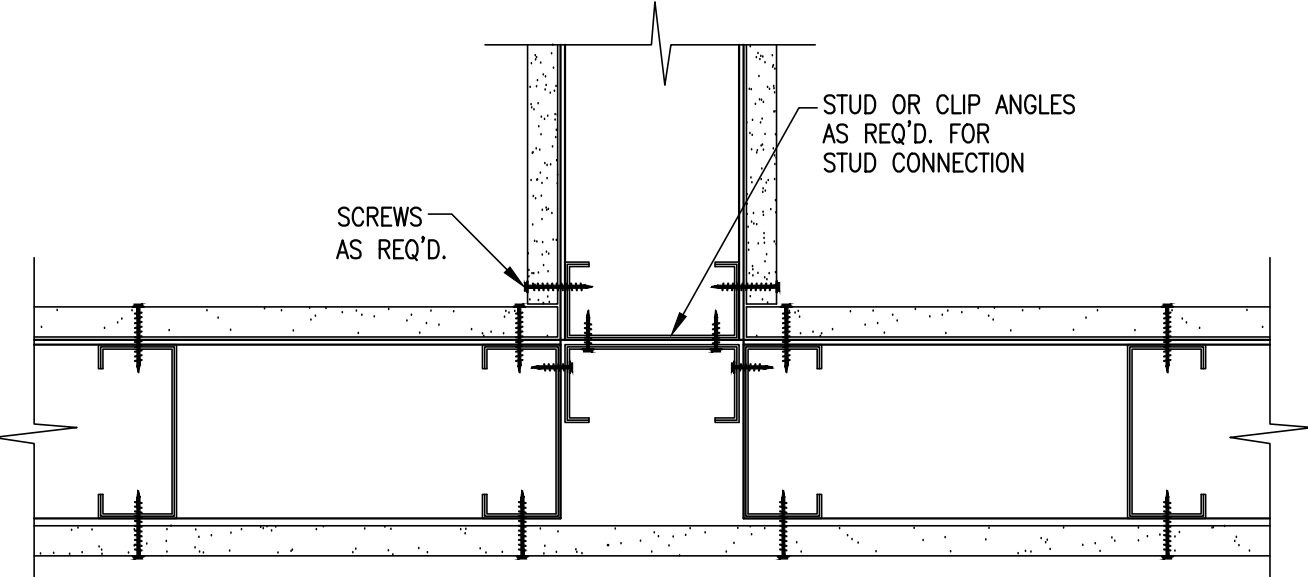
TD28
S4.1 TYPICAL TRACK SPLICE



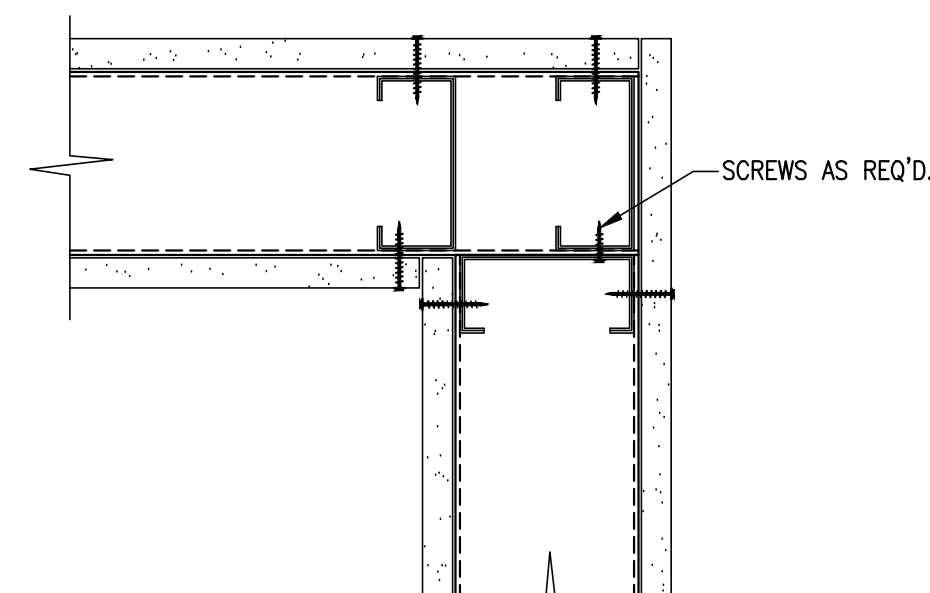
TD29
S4.1 TYPICAL WALL BRIDGING



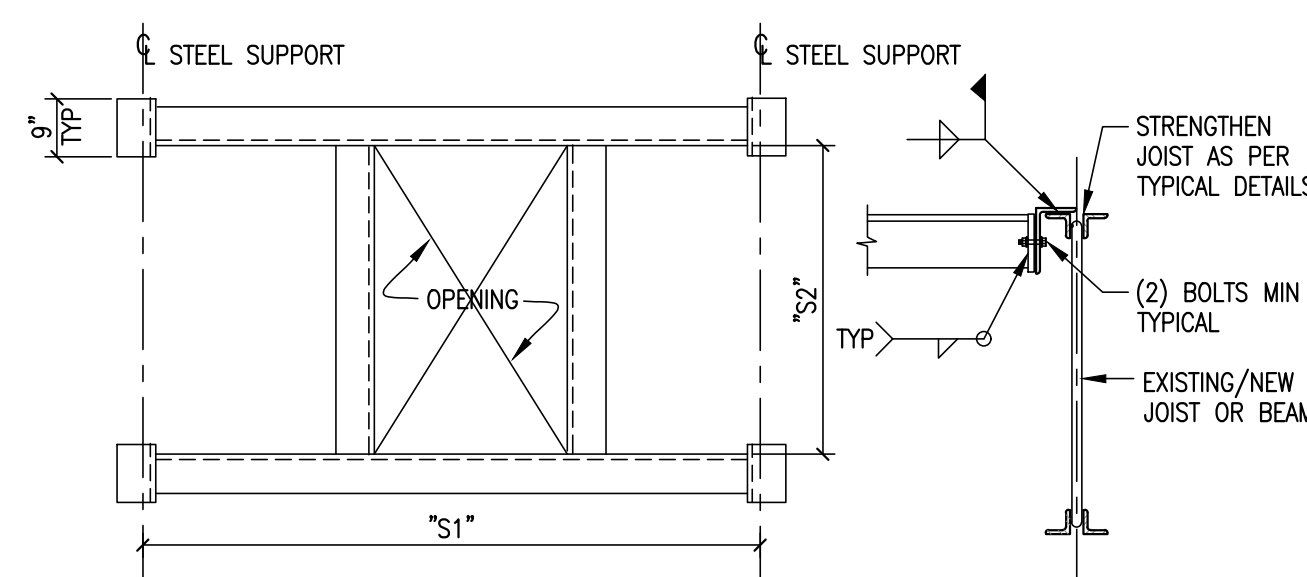
TD30
S4.1 TYPICAL STUD TO TRACK CONNECTION



TD31
S4.1 TYPICAL DETAIL
WALL INTERSECTION FRAMING

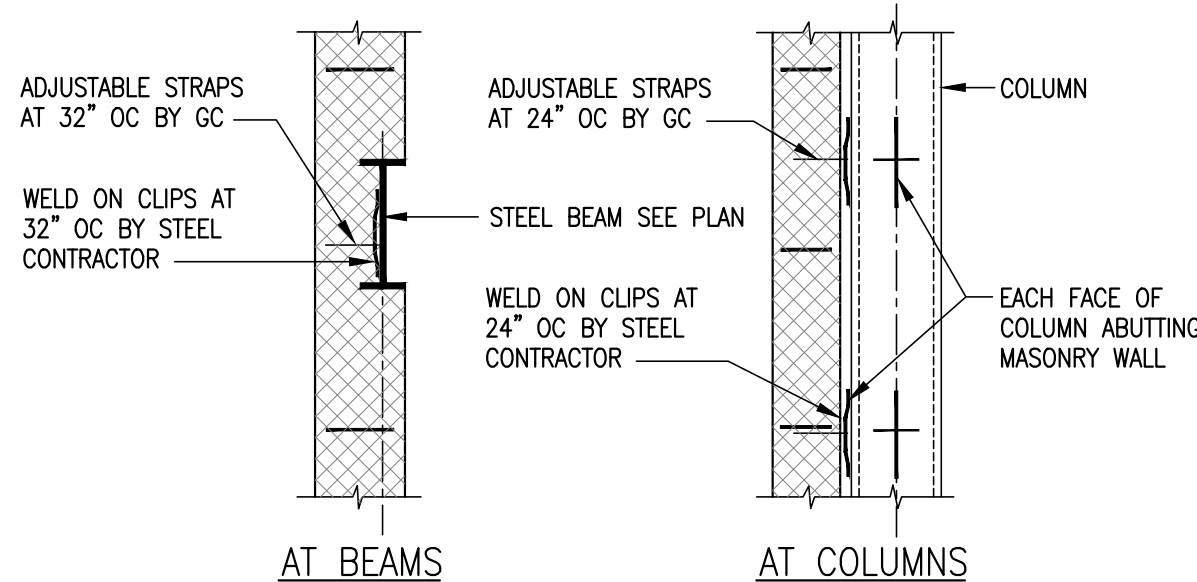


TD32
S4.1 TYPICAL DETAIL
CORNER FRAMING



- NOTES:
1. FOR SIZE AND LOCATION OF OPENINGS SEE ARCHITECTURAL AND MECHANICAL DRAWINGS.
 2. STEEL CONTRACTOR SHALL VERIFY ALL OPENINGS AND EXACT LOCATIONS WITH THE TRADE CONTRACTOR REQUIRING OPENINGS PRIOR TO FABRICATION AND ERECTION OF STEEL FRAMES.
 3. PROVIDE STEEL FRAMING AS SHOWN AROUND ALL OPENINGS LARGER THAN 8" AT THE ROOF.
 4. WHEN JOIST SPACING EXCEEDS 6'-0", VERIFY ALL ANGLES SIZES W/ENGINEER.
 5. WHERE ROOF STEEL SLOPES, CURB HEIGHTS MUST VARY TO PROVIDE A LEVEL SURFACE.
 6. PROVIDE BRIDGING FOR ONE BAY ON BOTH SIDES OF OPENING WHEN BRIDGING IS INTERRUPTED.
 7. PROVIDE STEEL ANGLES ON ALL SIDES OF OPENINGS UNLESS BEAM IS SHOWN ON PLAN. ANGLE SIZES TO BE:
FOR "S1" OR "S2" < 4'-0" - L 4x4x1/4
FOR "S1" OR "S2" > 4'-0" - L 6x6x3/8
FOR "S1" OR "S2" > 9'-0" - L 7x4x3/8 (LLV)

TD33
S4.1 TYPICAL DETAIL
FRAMING AT ROOF OPENING



- NOTES:
1. PROVIDE WELD ON ADJUSTABLE MASONRY ANCHORS ON ALL BEAMS AND COLUMNS ABUTTING MASONRY WALLS.
 2. USE HECKMAN (OR APPROVED EQUAL) #316 ADJUSTABLE STRAPS BY GC. & #315 WELD ON CLIPS BY STEEL CONTRACTOR.
 3. ANCHORS TO BE KEPT IN BLOCK COURSING.
 4. STEEL CONTRACTOR SHALL COORDINATE ANCHOR LOCATION WITH ARCH. DRAWINGS PRIOR TO FABRICATION.

TD34
S4.1 TYPICAL DETAIL
MASONRY ANCHORS



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TYPICAL DETAILS

S4.1

CAPITAL PROJECT 1483
CONSTRUCTION OF A NEW ANIMAL SHELTER FACILITY
65 FIREMENS MEMORIAL DRIVE, POMONA, NY 10970

DRAWN BY: MPP
CHECKED BY: SWM
SCALE: AS NOTED
DATE: 20 OCT 2021
PROJECT NO.: # 2019

PROGRESS SET ☐ BID SET ☐ PERMIT SET ☐ CONSTRUCTION SET ☐

ARCHITECTS SEAL:

NO

DESCRIPTION

ADDENDUM 1

DATE

11/11/21

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