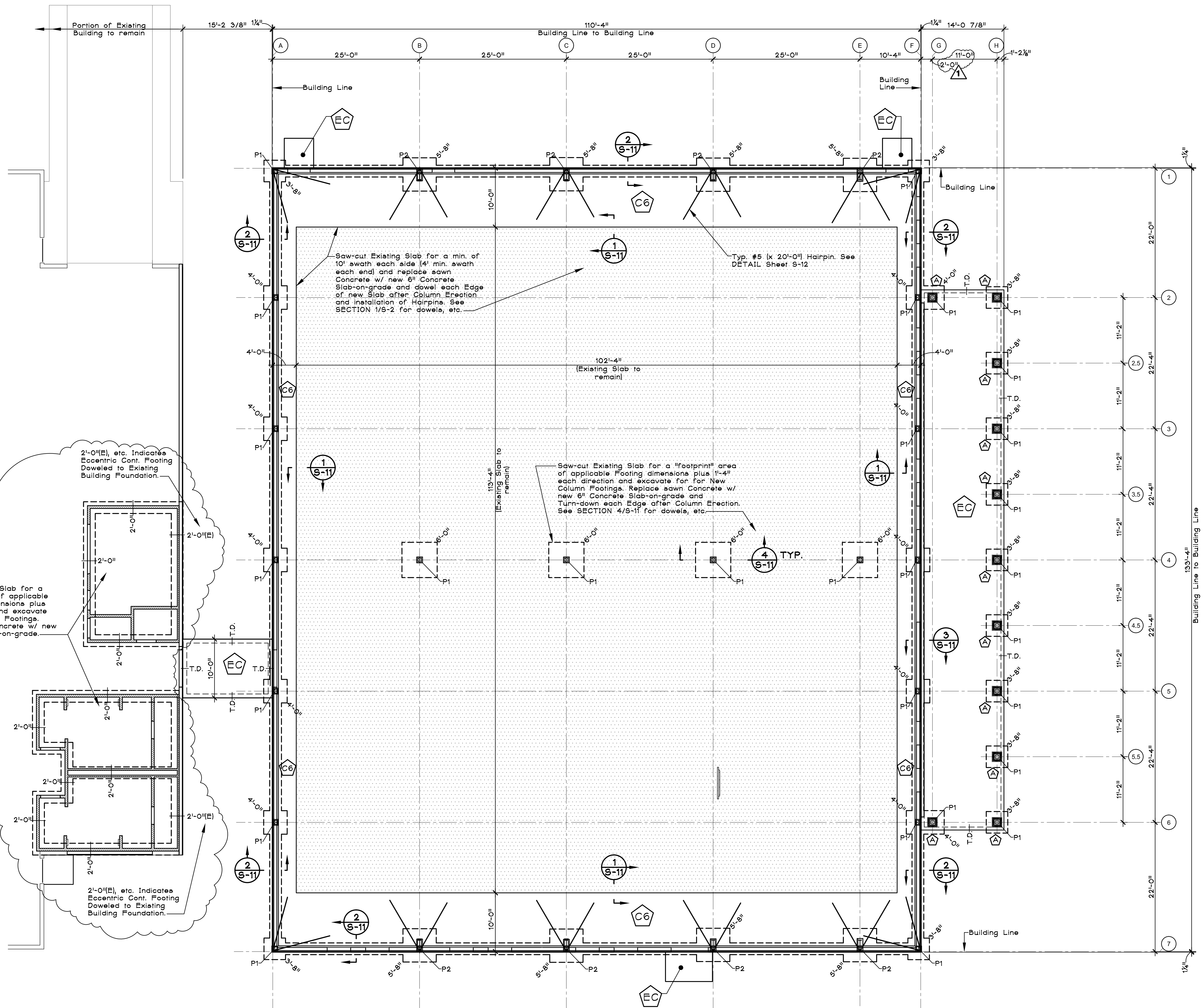


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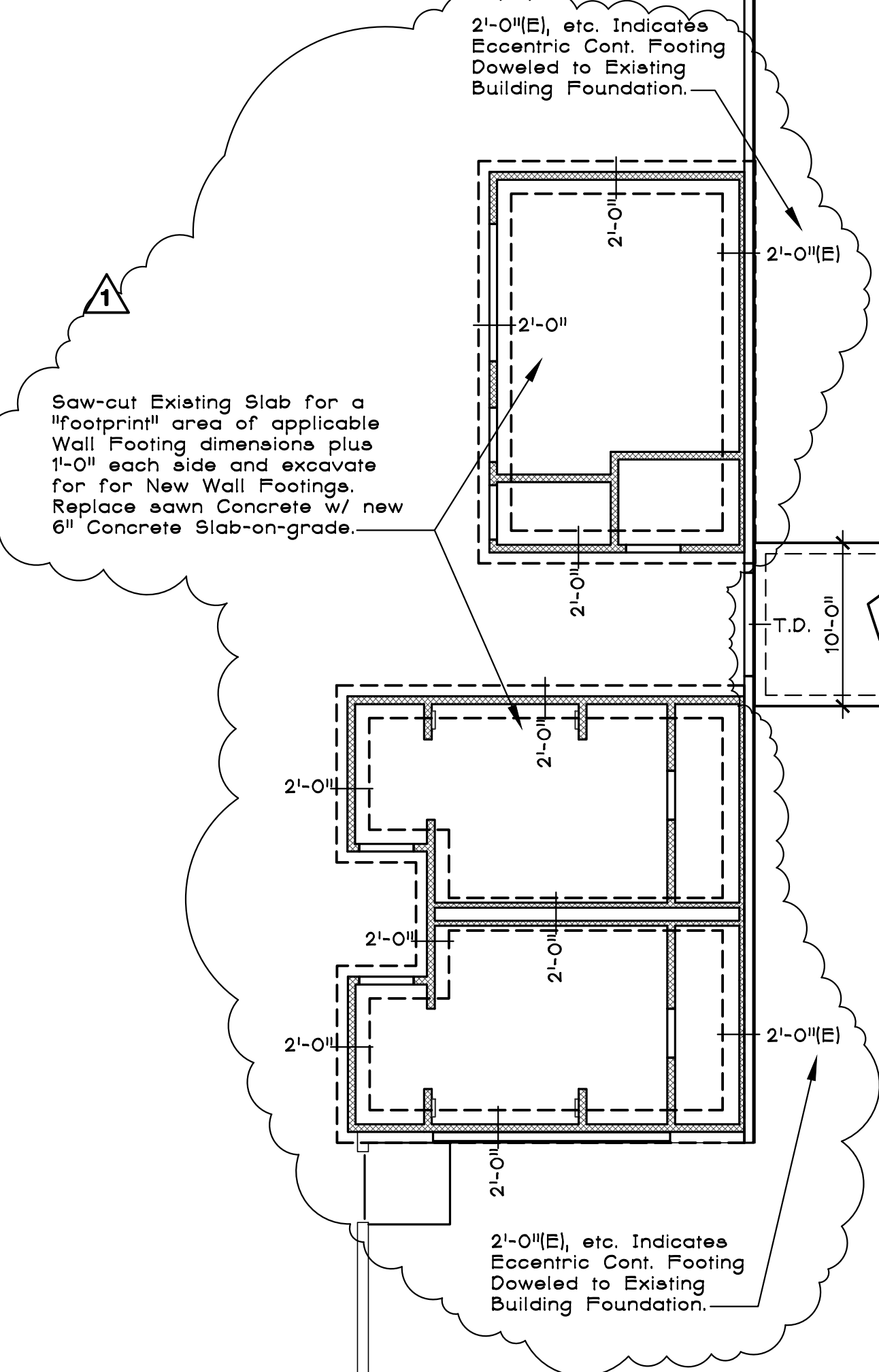
MK.	DESCRIPTION
△	6x6 Pressure Treated Wood Posts w/ Stand-off Post Bases equal to SIMPSON Strong Tie Model No. LCB66, 12 Ga on Concrete Pier Mk. P1.

MARK	PIER SIZE	PIER REINFORCING
P1	12" x 12"	4 - #6 Vert. and dowel to Footing #3 Ties @ 12"
P2	12" x 26"	8 - #7 Vert. and dowel to Footing 2 - #3 Ties each 12"

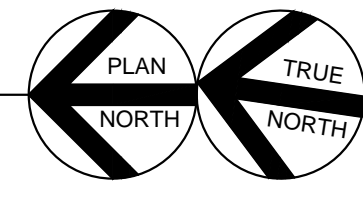
See CONCRETE PIER DETAILS on sheet S-11

MK.	SIZE	REINF. E.W. B.F.
△	6'-0" x 6'-0"	8-#5
△	5'-8" x 5'-8"	6-#5
△	4'-0" x 4'-0"	5-#4
△	3'-8" x 3'-8"	4-#4

MK.	DESCRIPTION
△	6" Concrete Slab-on-grade w/ 2 Layers 6x6xW2.9/W2.9 WWF on 4" Compacted Crushed Stone w/ 6 mil. Polyethylene Vapor Barrier
△	6" Exterior Concrete (f _c = 4,000 psi Air-entrained) Slab-on-grade w/ 2 Layers 6x6xW2.9/W2.9 WWF on 4" Compacted Crushed Stone



FOUNDATION AND FOOTING PLAN
 SCALE: 1/8" = 1'-0"



- NOTES:**
- Top of all Exterior Footings to be @ 1'-4" min. below Finish Floor, except as noted.
 - Top of all Interior Footings to be @ 1'-4" min. below Finish Floor, except as noted.
 - Top of all Concrete Piers to be @ Finish Floor, except as noted.
 - 2'-0" Indicates Typ. 2'-0" x 1'-0" Wall Footing w/ 3-#6 Cont., #3 @ 48" Transv.
 - T.D. Indicates Typ. Turn-down Slab Edge, See DETAIL Sheet S-11.
 - Indicates Existing Concrete Slab to remain.
 - C.J. Indicates full depth Construction Joint. Locate Construction Joints (C.J.) for Slab-on-grade on either side of Interior Walls or as shown in FOUNDATION AND FOOTING PLAN, this Sheet.
 - S.J. Indicates 1" deep Sawn Control Joints [1 1/2" deep Sawn Control Joints at 6" Slabs].
 - All Pre-engineered Building Column Bases to include 4 - 3/4" x 1'-0" x 3" Bend A36 A. Bolts min. into Concrete Pier. See Pre-engineered Building Mfg. Anchor Bolt Details for individual Column Bases, Bolt spacing and required Bolt projections.
 - New Concrete Column Footing design is based on reaction information provided by Pre-engineered Building Manufacturer (Varco Pruden Buildings). Final Column Footing sizes may require adjustment depending on actual derived final reactions.
 - Confirm all Pre-engineered Building Dimensions, Column Locations, etc. with Final Varco Pruden Buildings Drawings and Final Architectural Drawings.

ADDENDUM NO. 1
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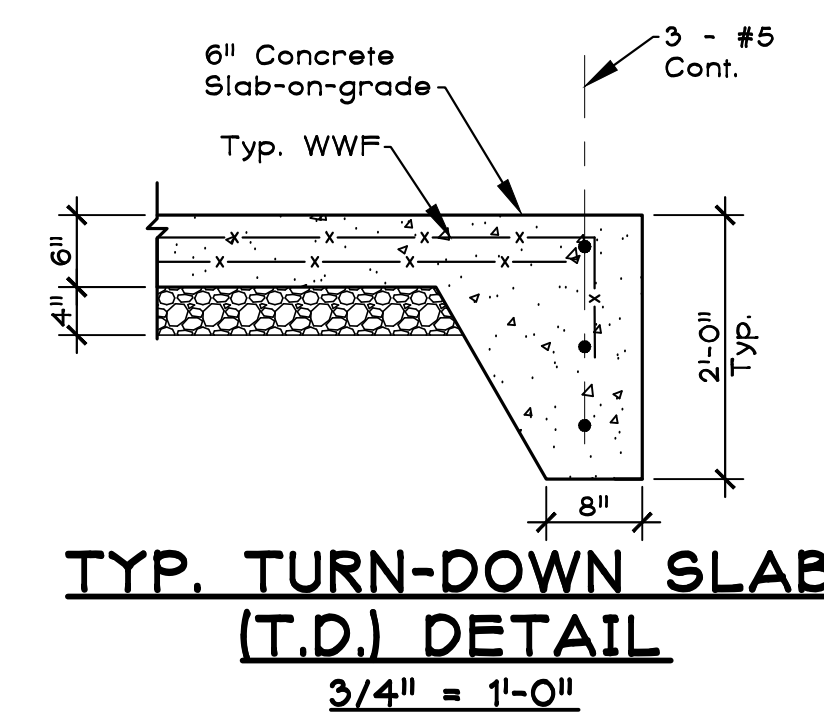
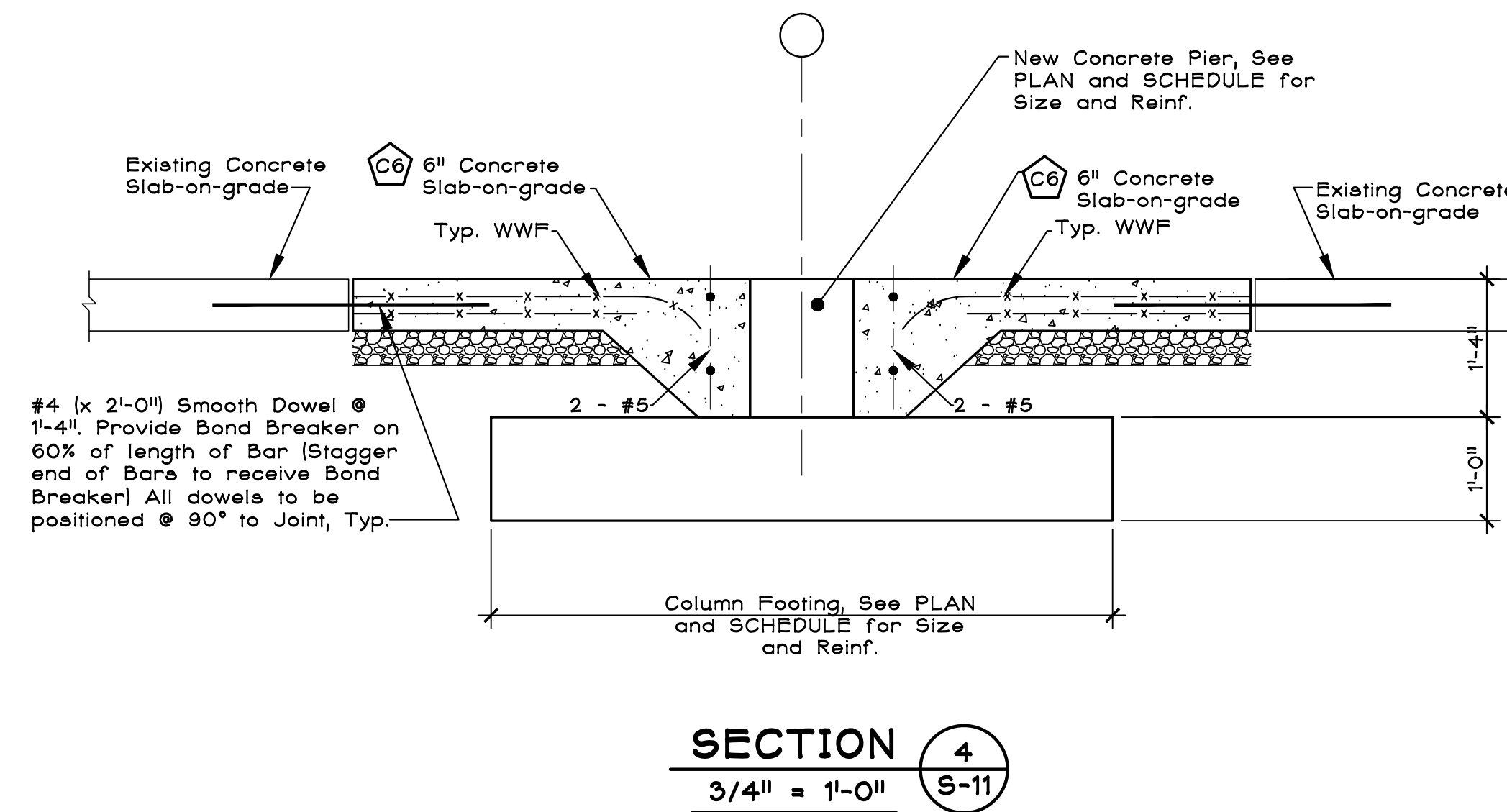
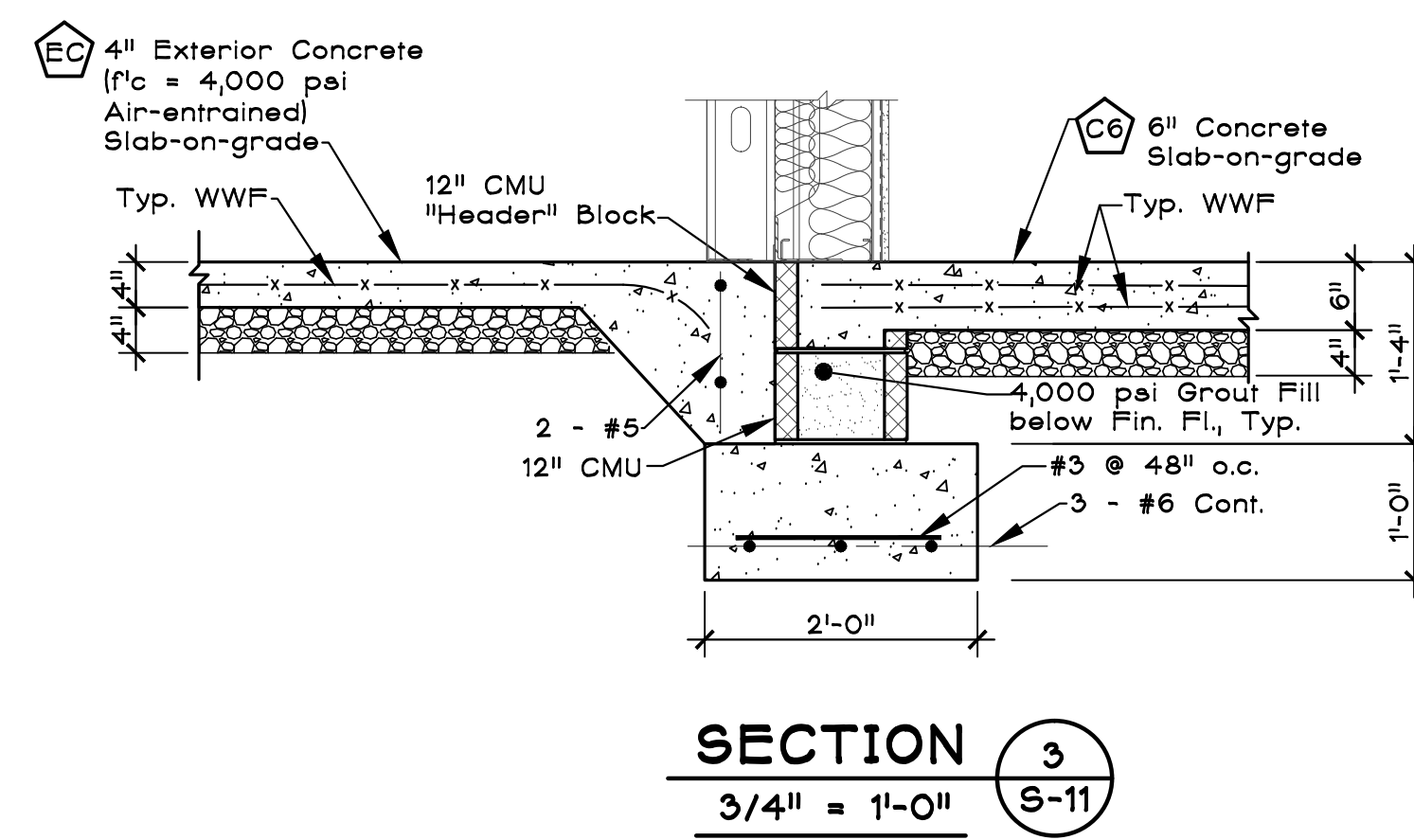
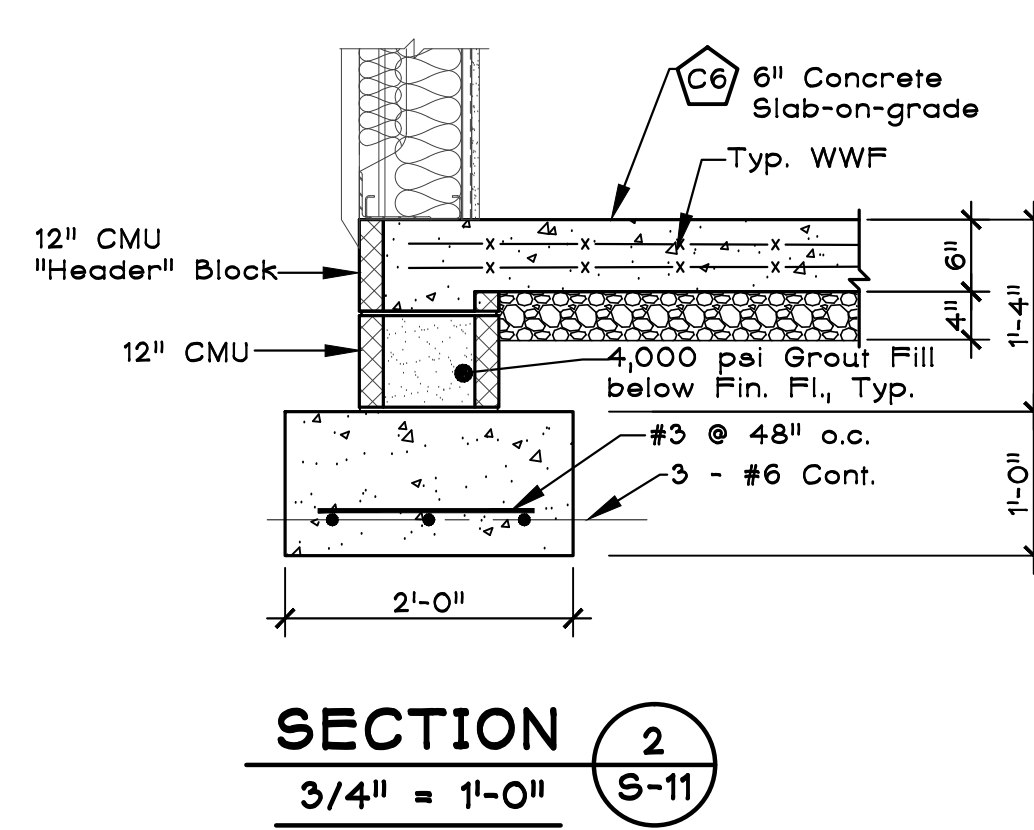
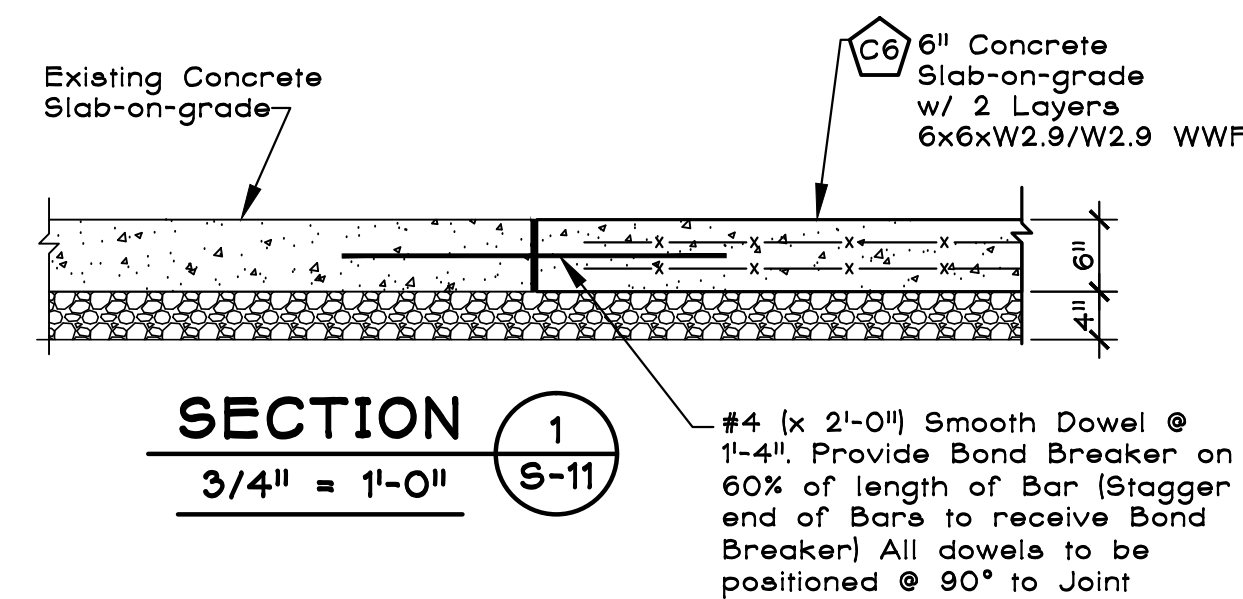
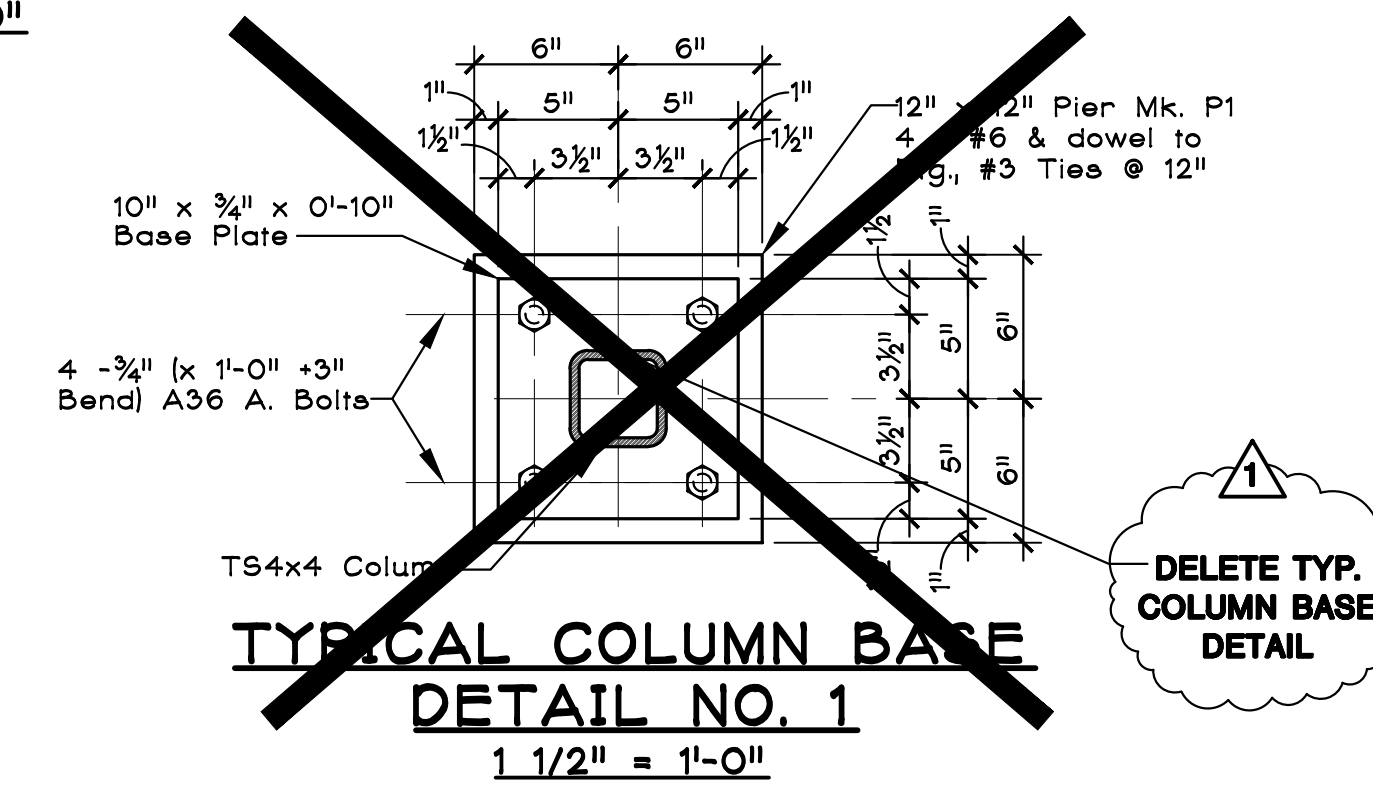
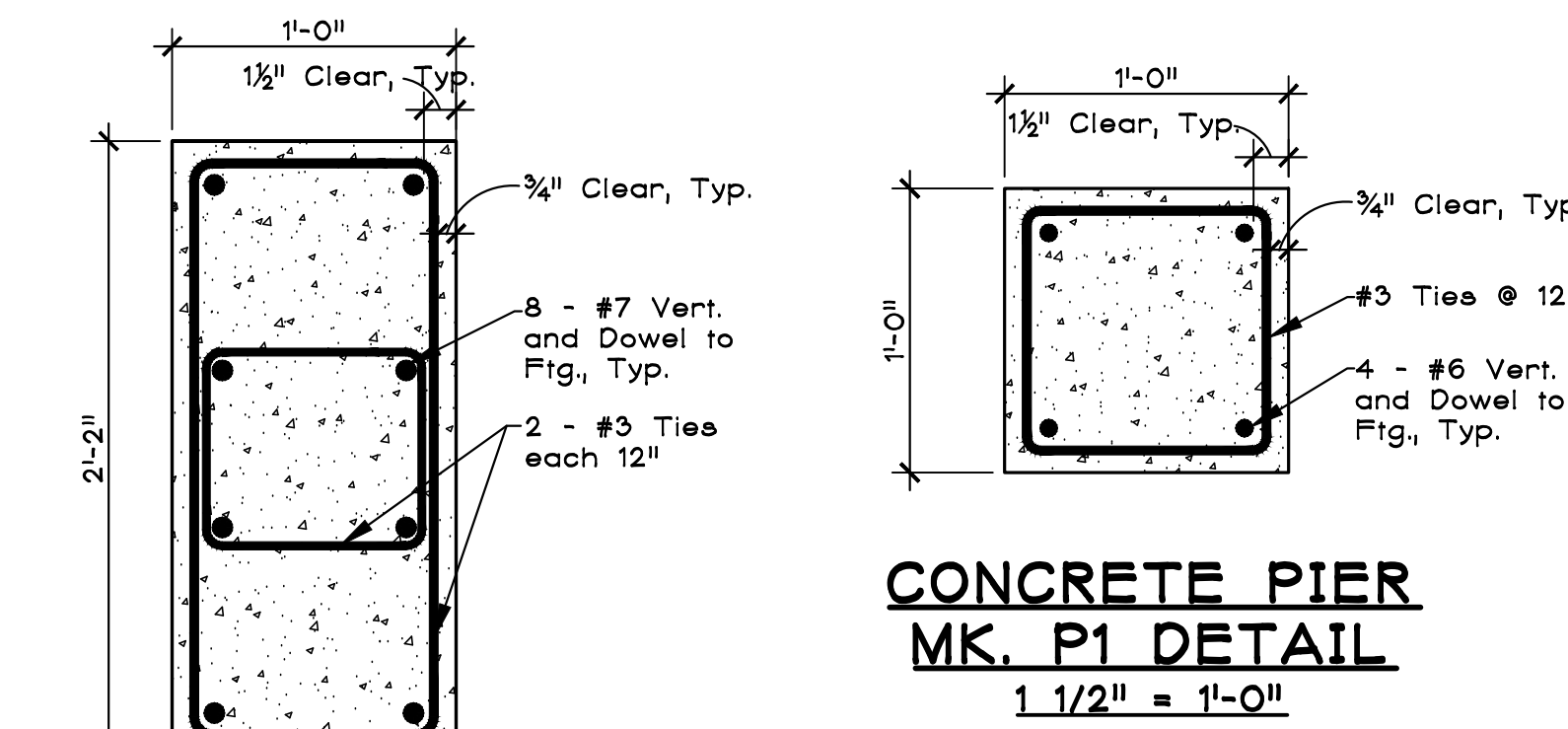
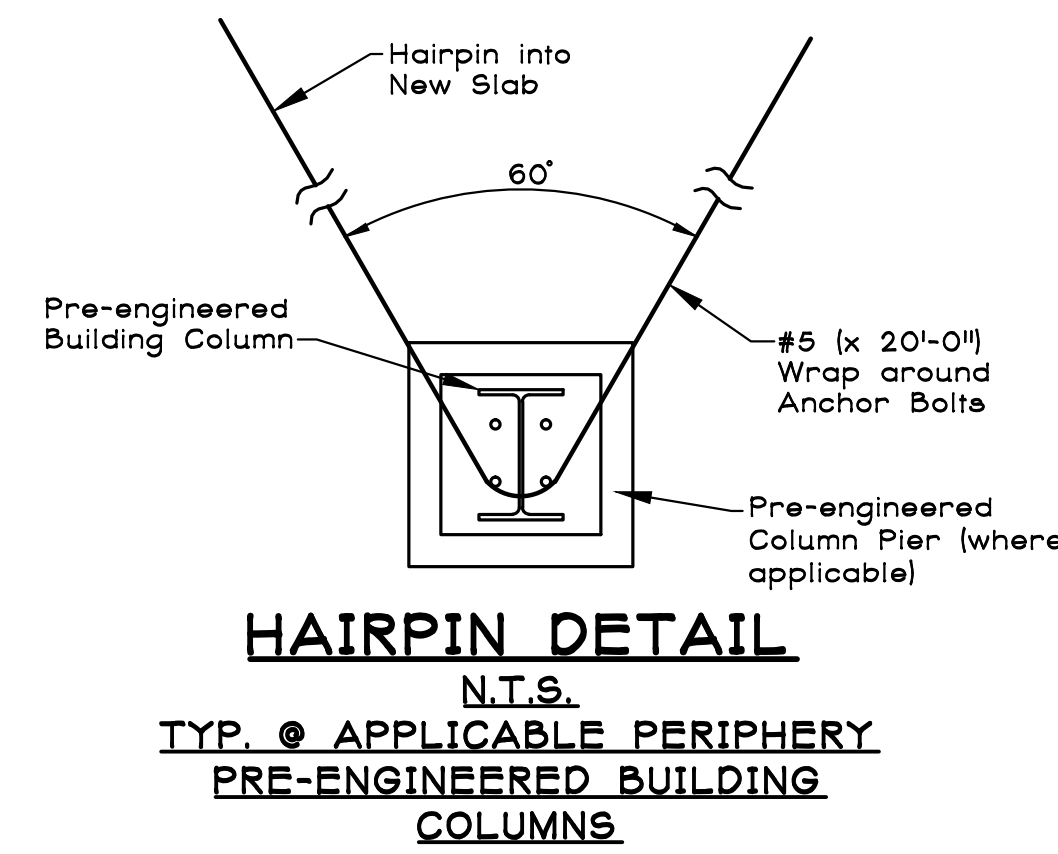


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issued	01-29-2016
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drawn	DRH
project no.	201538-SW15149
drawing name	FOUNDATION AND FOOTING PLAN

S-10



GENERAL NOTES:

FOUNDATIONS:

- FOUNDATIONS FOR PROJECT ARE TO BE SPREAD FOOTINGS AS SHOWN ON THE DRAWINGS.
- SPREAD FOOTINGS DESIGN IS BASED ON ALLOWABLE BEARING VALUE OF 2,000 P.S.F. SPREAD FOOTING SIZES MUST BE REVISED IF CONDITIONS INDICATE LOWER VALUES.
- ALL FILL UNDER SLABS SHALL BE COMPACTED TO MINIMUM SOIL BEARING CAPACITY OF 2,000 P.S.F. MODULUS OF SUBGRADE 100 PCI.
- WALL FOOTINGS TO BE 2'-0" X 1'-0", 3 - #6 CONTINUOUS UNLESS OTHERWISE SHOWN, DETAILED OR SCHEDULED.
- FOOTINGS TO BE STEPPED AT CHANGES IN ELEVATION STEPPED WALL FOOTINGS SHALL BE LIMITED TO SLOPE OF STEPS OF TWO HORIZONTAL TO ONE VERTICAL. LONGITUDINAL REINFORCING TO STEP WITH STEP.

CONCRETE:

- ALL CONCRETE WORK SHALL COMPLY WITH A.C.I. 318-05 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE".
- CONCRETE SHALL BE STANDARD WEIGHT AND SHALL ATTAIN 28 DAY COMPRESSIVE STRENGTH OF 3,000 P.S.I. EXCEPT AS NOTED.
- ALL REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 60.
- LAP BAR SPLICES 36 DIAMETERS (12" MIN).

STRUCTURAL STEEL:

- STRUCTURAL STEEL SHALL BE ASTM A992/A572 (60 KSI). PIPE COLUMNS: ASTM A53, TYPE E OR S. TUBE STEEL: ASTM A500 GRADE B. MISC. STEEL SHAPES, ANGLES, ETC. TO BE ASTM A36.
- ALL BEAM CONNECTIONS ARE TO CONFORM TO A.I.S.C. STANDARD SINGLE SHEAR "TAB" PLATE TO WEB CONNECTIONS CAPABLE OF SUPPORTING 75% OF THE TOTAL UNIFORM LOAD CAPACITY TABULATED IN THE TABLES FOR "ALLOWABLE LOADS ON BEAMS" UNLESS OTHERWISE NOTED.
- SHOP CONNECTIONS - WELDED, A.W.S. SPECIFICATIONS.
- FIELD CONNECTIONS - HIGH STRENGTH BOLTED WITH ASTM A325 BOLTS (3/4" DIA. EXCEPT AS NOTED).
- ANCHOR BOLTS ARE TO BE ASTM A36 AND ARE TO BE FURNISHED BY THE STRUCTURAL STEEL FABRICATOR AND SET BY THE GENERAL CONTRACTOR. BASE PLATES ARE TO BE GROUTED WITH NON-SHRINK GROUT, EMBECO OR APPROVED EQUAL.

MASONRY:

- HORIZONTAL MASONRY JOINT REINFORCING TO BE 9 GAUGE "LADDER TYPE" AT 16" O.C. VERT. EXCEPT AS NOTED AT 8" O.C. VERT.
- CONCRETE MASONRY UNITS TO BE AS INDICATED ON THESE DWGS.
- AT ALL AREAS WHERE MASONRY ABUTS CONCRETE, PROVIDE VERTICAL DOVETAIL ANCHOR SLOTS IN CONCRETE.

WOOD:

- ALL WOOD FRAMING TO BE NO. 2 SOUTHERN PINE, F_b = 1,200 P.S.I., 19% MOISTURE, VISUAL GRADING RULES OR EQUAL EXCEPT AS NOTED.
- ALL FASTENERS TO BE GALVANIZED.

MASONRY:

- HORIZONTAL MASONRY JOINT REINFORCING TO BE 9 GAUGE "LADDER TYPE" AT 16" O.C. VERT. EXCEPT AS NOTED, AT 8" O.C. VERT.
- CONCRETE MASONRY UNITS TO BE AS INDICATED ON THESE DWGS.

LIGHT GAGE METAL:

- ALL LIGHT GAGE METAL FRAMING INCLUDING JOISTS, STUDS, TRACK, BRIDGING, END CLOSURES, AND ACCESSORIES TO BE ASTM A446, GRADE A (33 KSI), GALVANIZED (G-60) MEETING ASTM A525 AND C955.

**DESIGN LIVE LOADING - OFFICE BUILDING
[ARENA BUILDING - ASSEMBLY]
(IBC 2012)**

Roof	= 20 lbs./s.f.
Snow	= 15 lbs./s.f.
Snow Ground Load	= 15 lbs./s.f.
Snow Exposure Factor, C _e	= 0.90
Snow Load Importance Factor, I _s	= 1.0 [1.10]
Thermal Factor, C _t	= 1.0
Floors:	
Slab-on-Grade	= 250 lbs./s.f.
Wind	
Basic Wind Speed (3 Second Gust)	= 20 lbs./s.f.
Wind Importance Factor, I _w	= 115 [120] m.p.h.
Wind Exposure Category:	= 1.00 [1.15]
Internal Pressure Coefficient:	= C
Components and Cladding:	= (+)0.18, (-)0.18 = (+)13.3, (-)17.0
Seismic:	
Seismic Importance Factor, I _e	= 1.0 [1.25]
Occupancy Category	= II [III]
Mapped Spectral Response Acceleration, S _a	= 0.291
Mapped Spectral Response Acceleration, S ₁	= 0.101
Site Class	= D
Spectral Response Coefficient, S _{ps}	= 0.304
Spectral Response Coefficient, S ₁	= 0.162
Seismic Design Category	= C
Basic Seismic-Force-Resisting System(s):	
Building Frame System: Ordinary Steel	
Centrally Braced Frames	
Design Base Shear, V	= 50K [140]
Seismic Response Coefficient, C _s	= 0.10 [0.154]
Response Modification Factor, R	= 3
Analysis Procedure: Equivalent	
Lateral Force Procedure; V = C _s W	

Pre-engineered Building Note:
The above listed superstructure live loading criteria to be coordinated with Pre-engineered Building loading criteria as provided by Varco Pruden Buildings. Foundations for this project have been designed based on reaction(s) derivation from the above Loading Criteria and from Column Reactions provided by Varco Pruden Buildings.

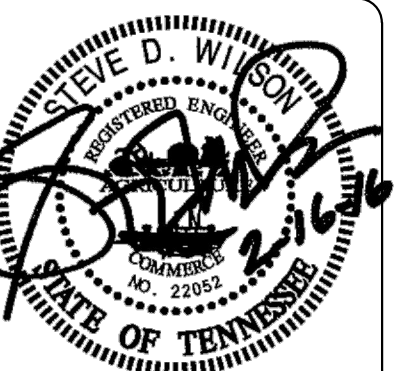
New Guardrails and Handrails:
200 lb. Concentrated Load at any point, any direction at top of Rail System or 50 lbs./l.f. horizontally, any direction at top of Rail System all transferred thru supports to the building structure.

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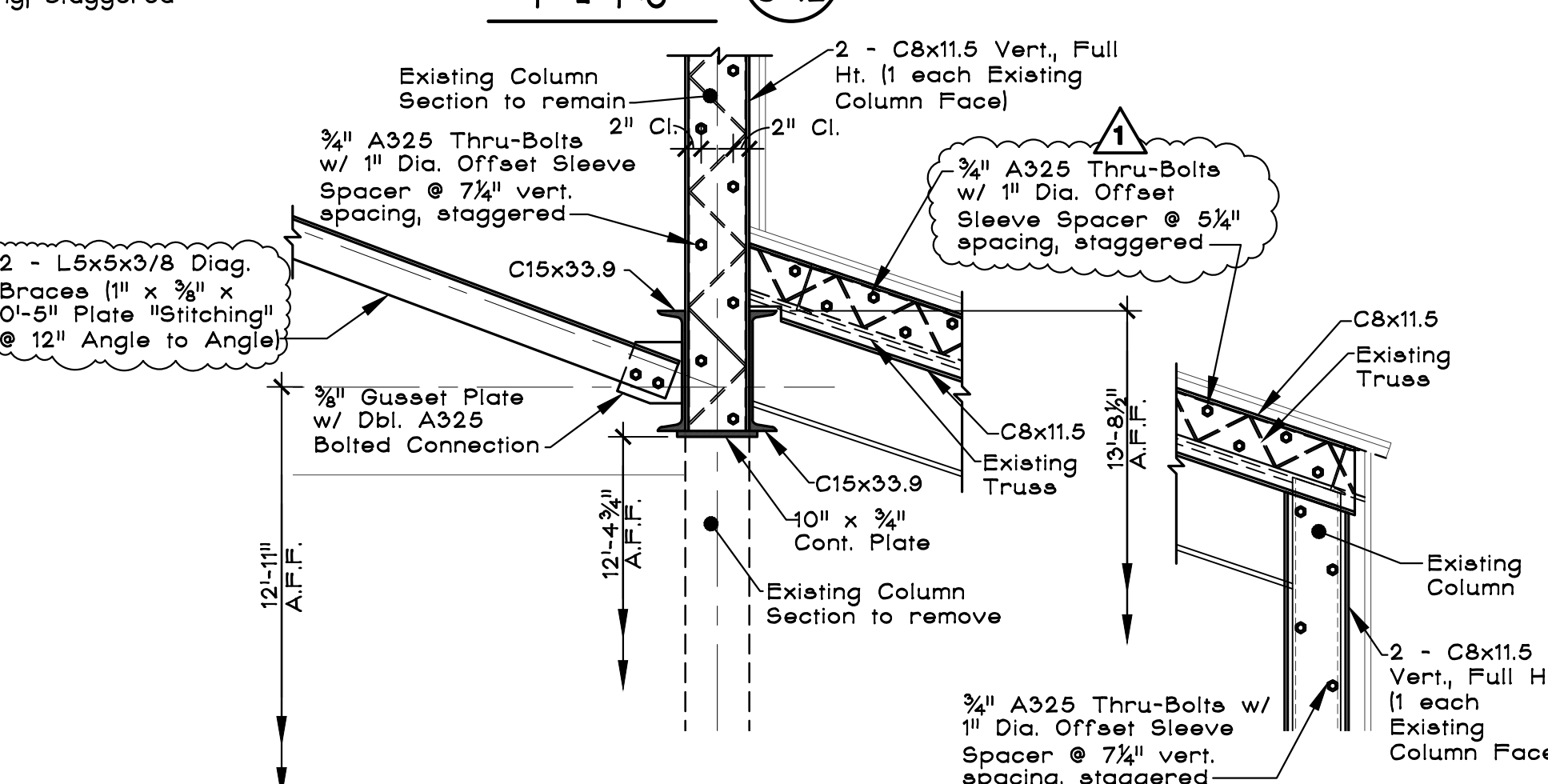
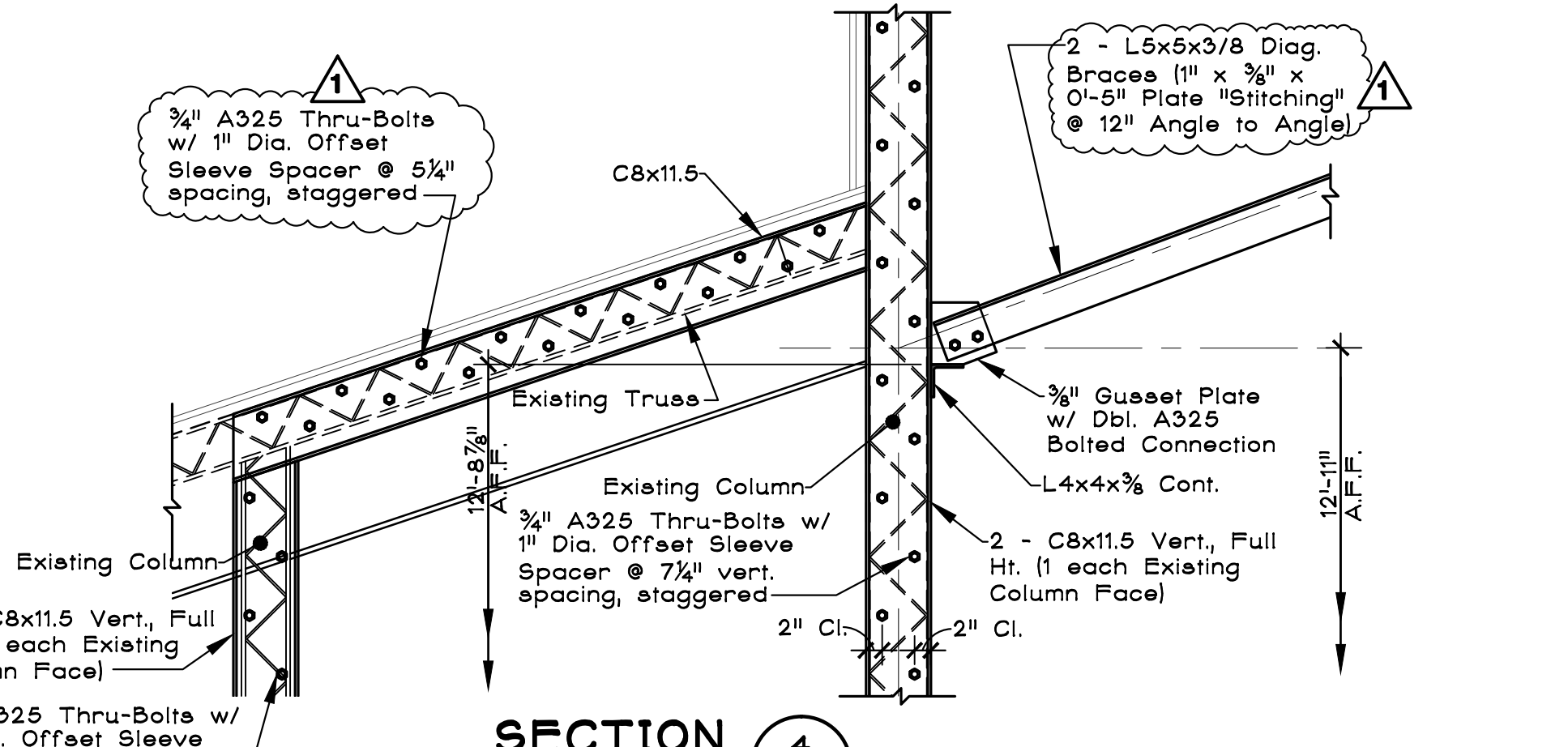
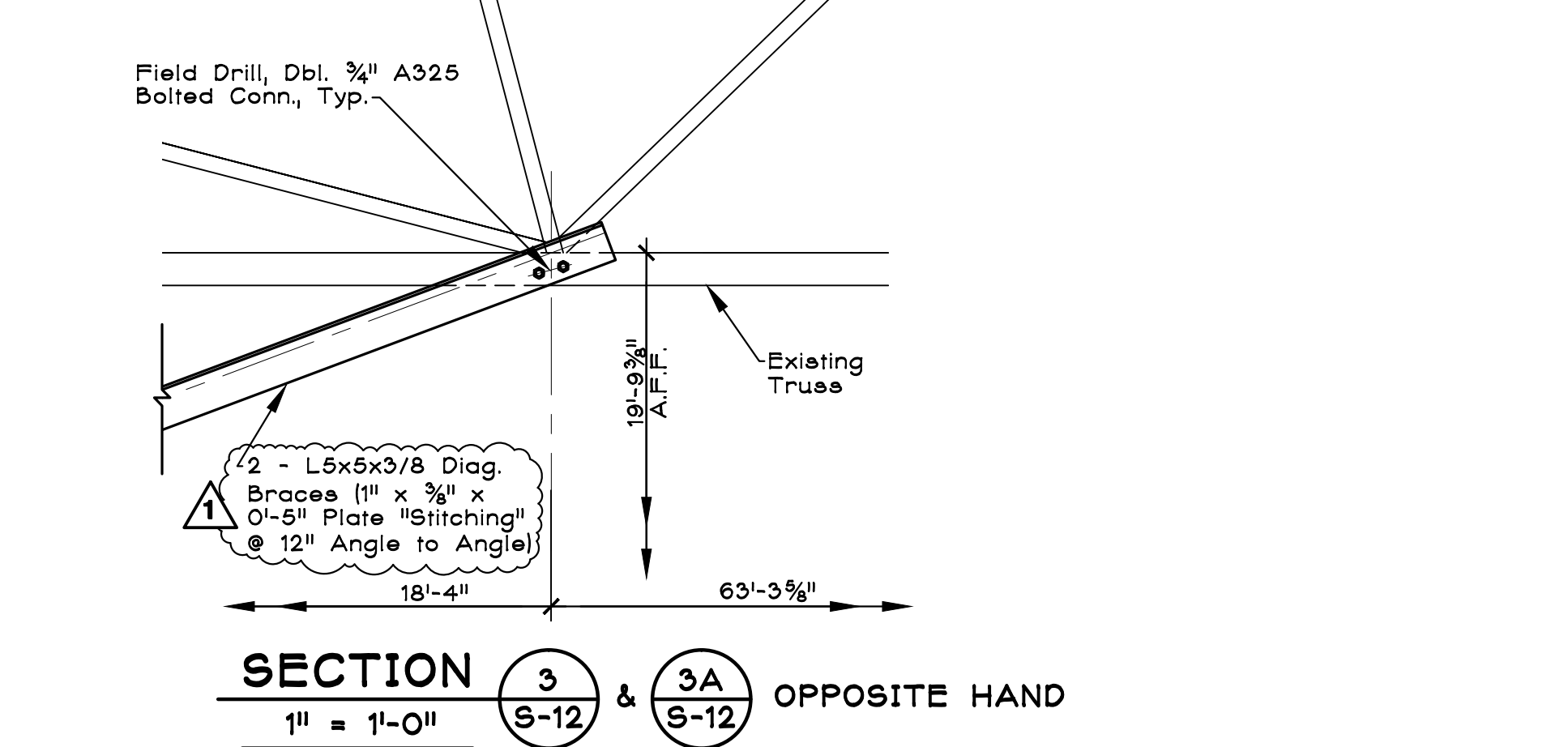
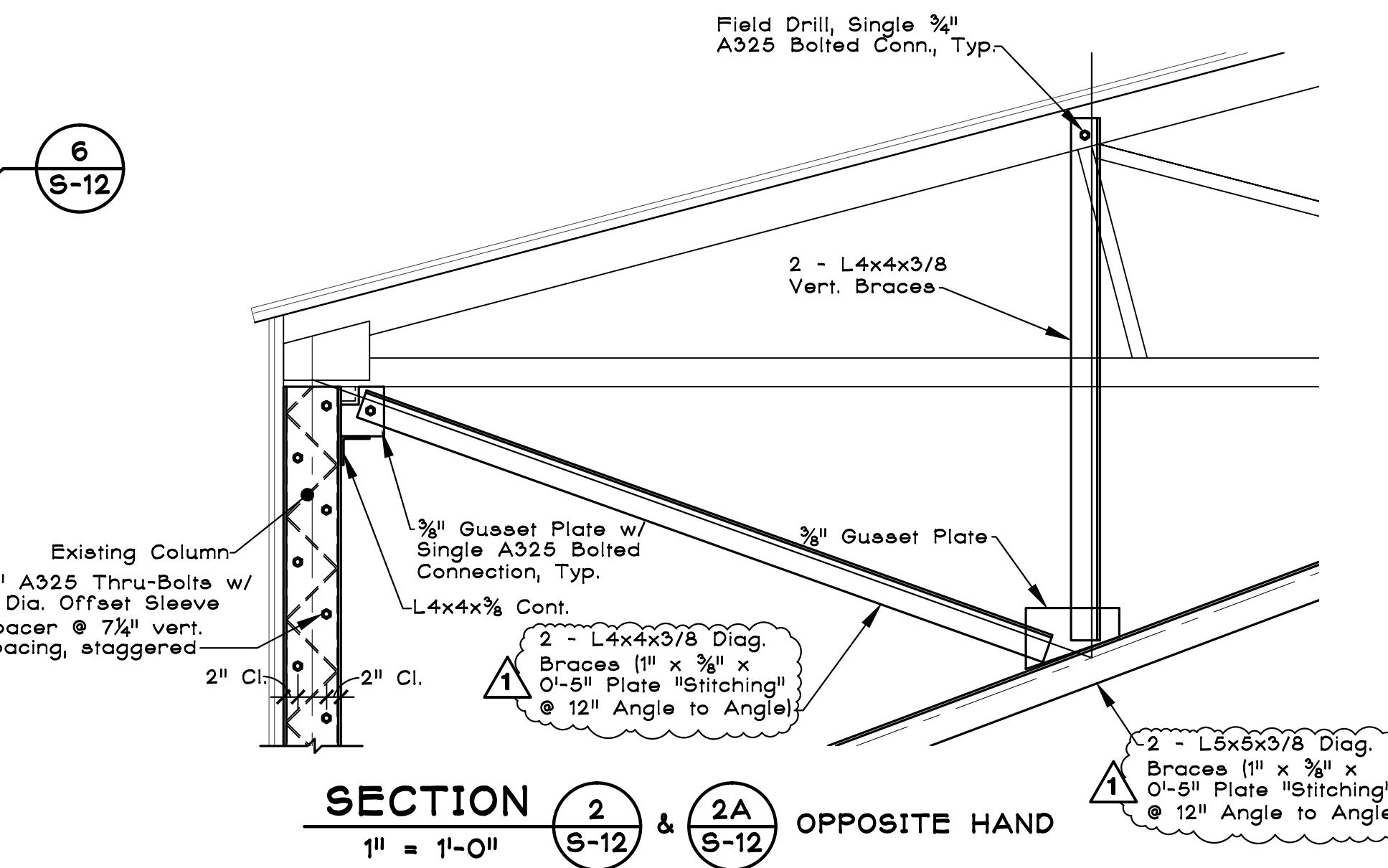
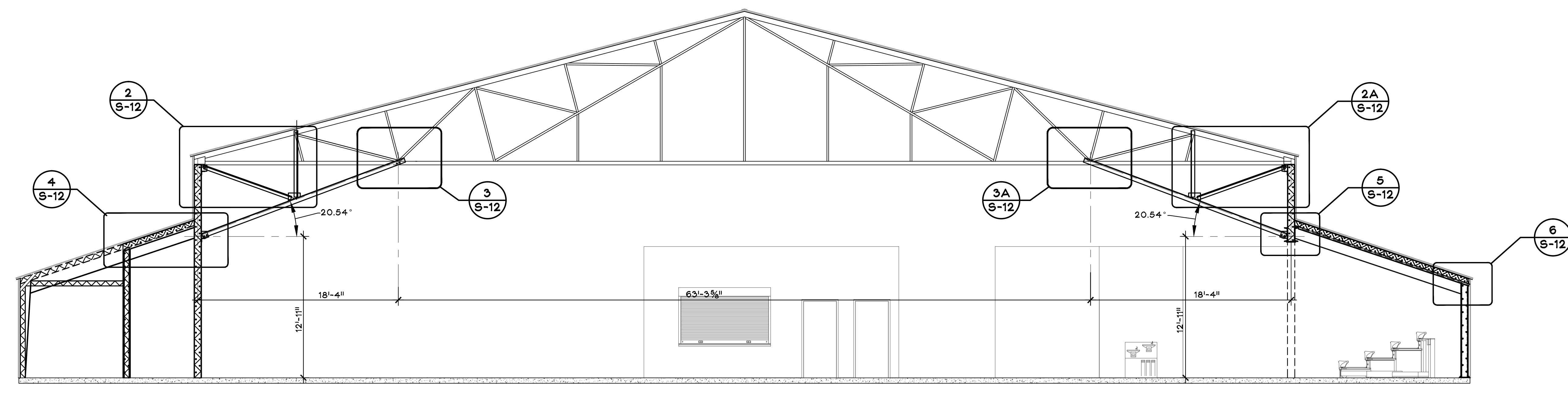
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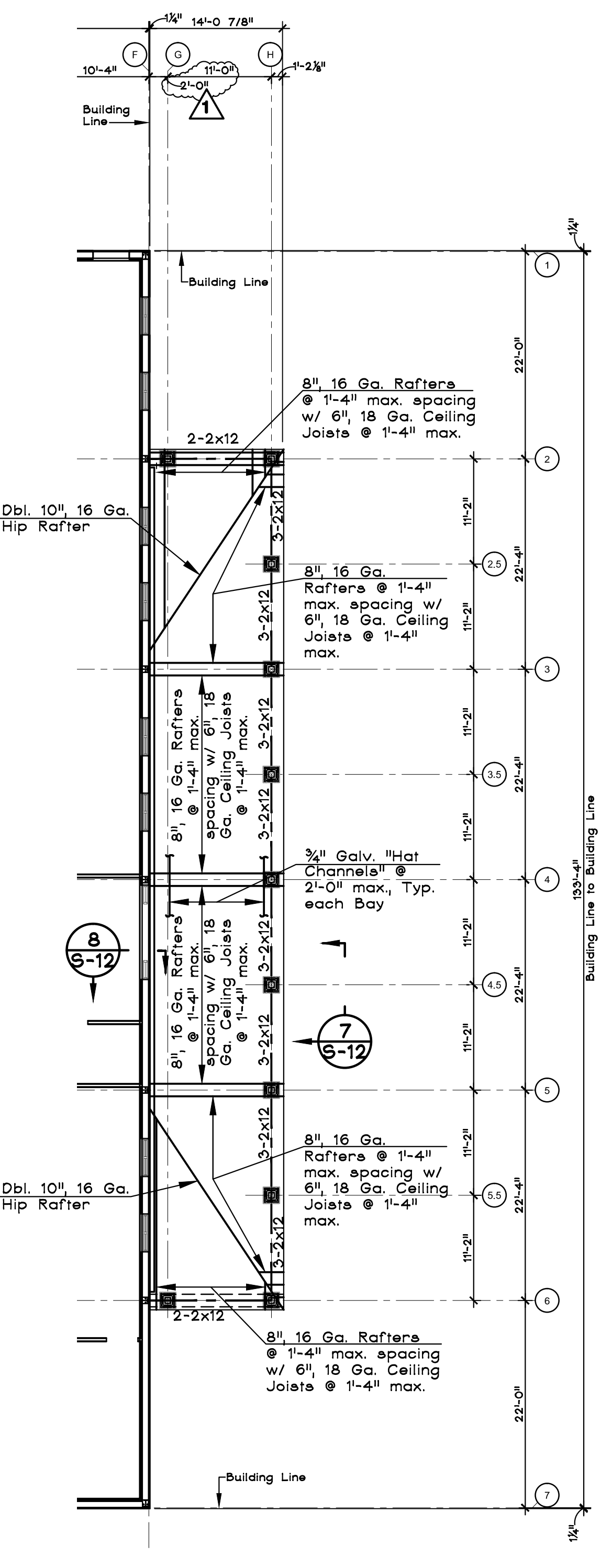
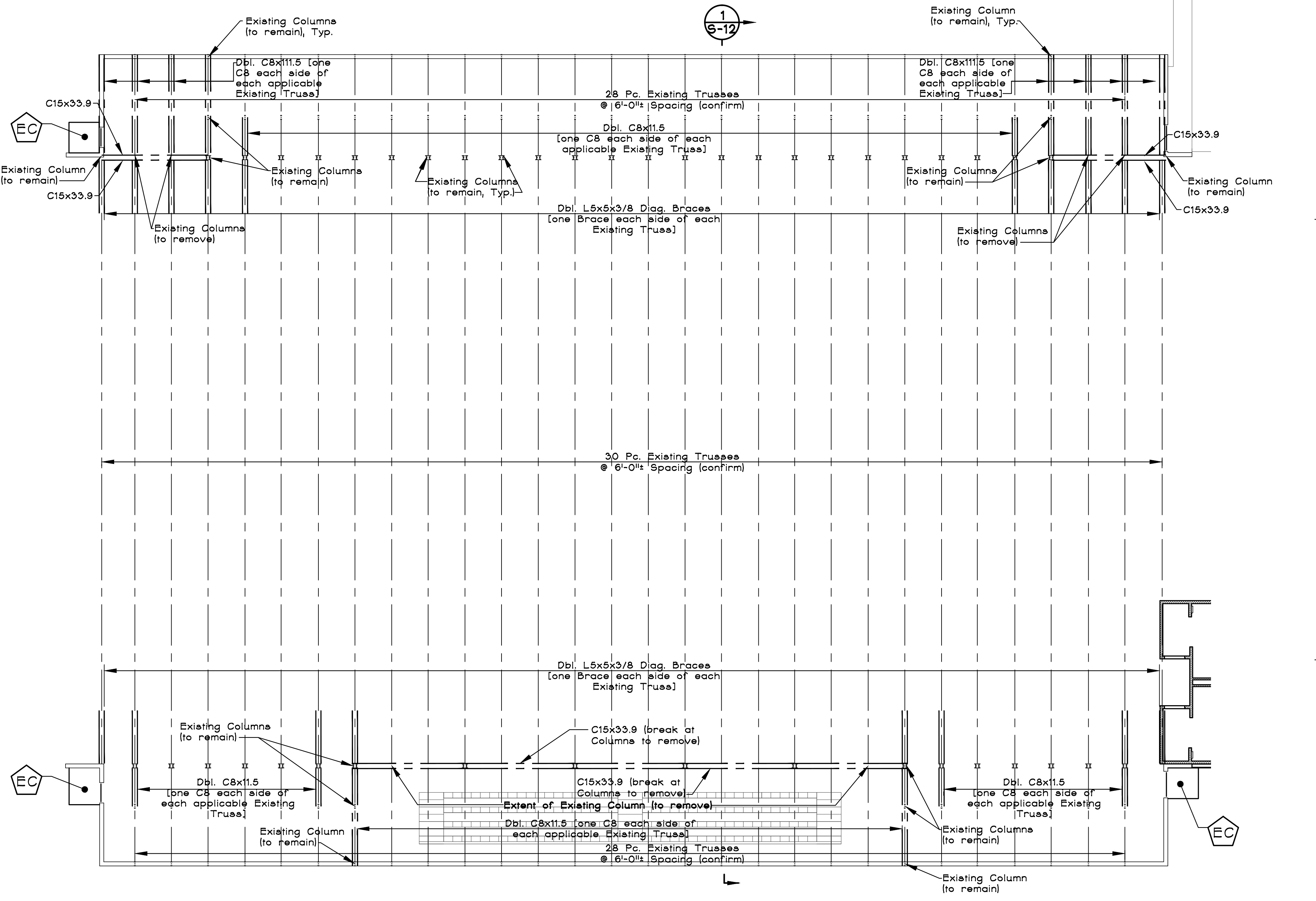
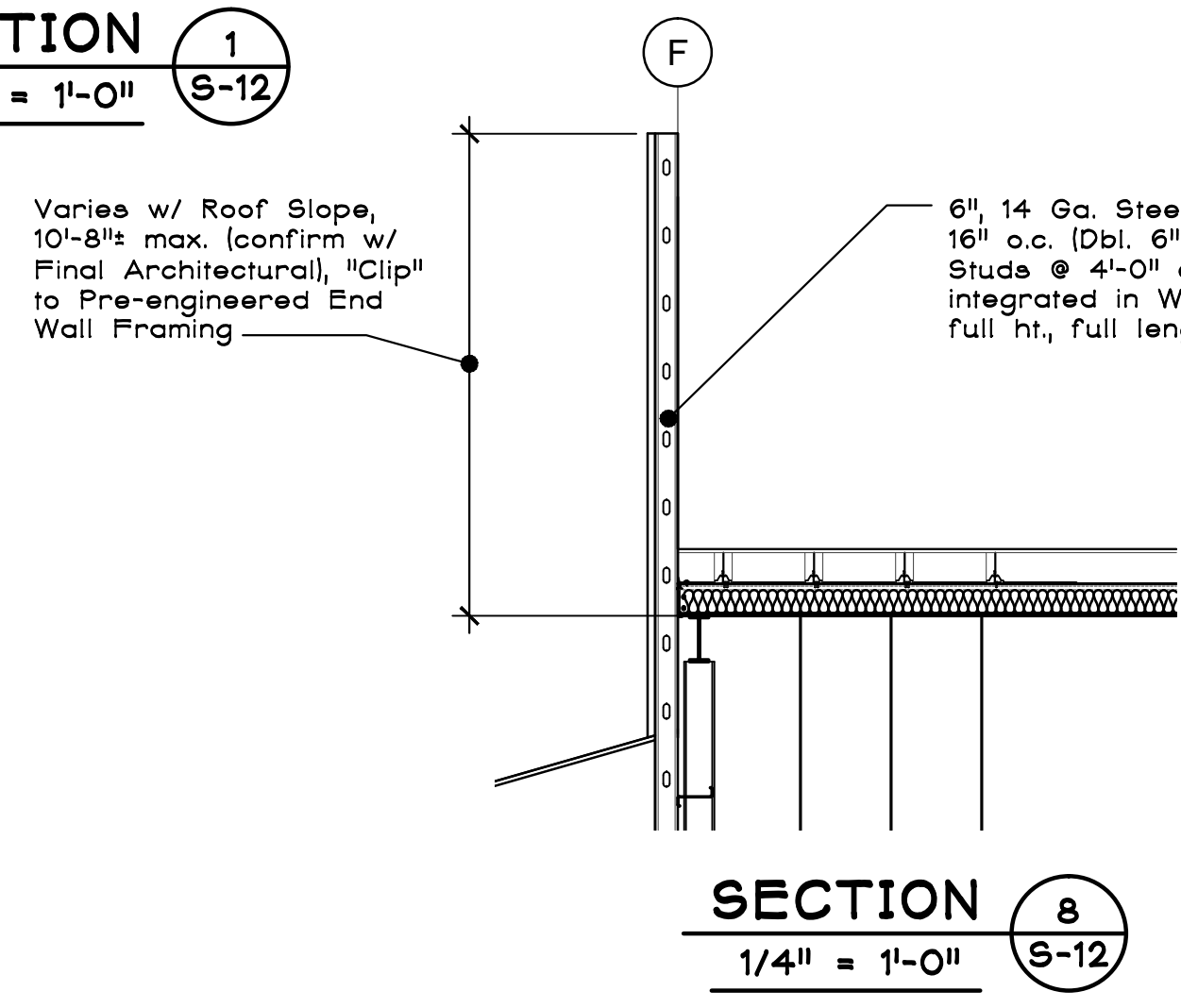
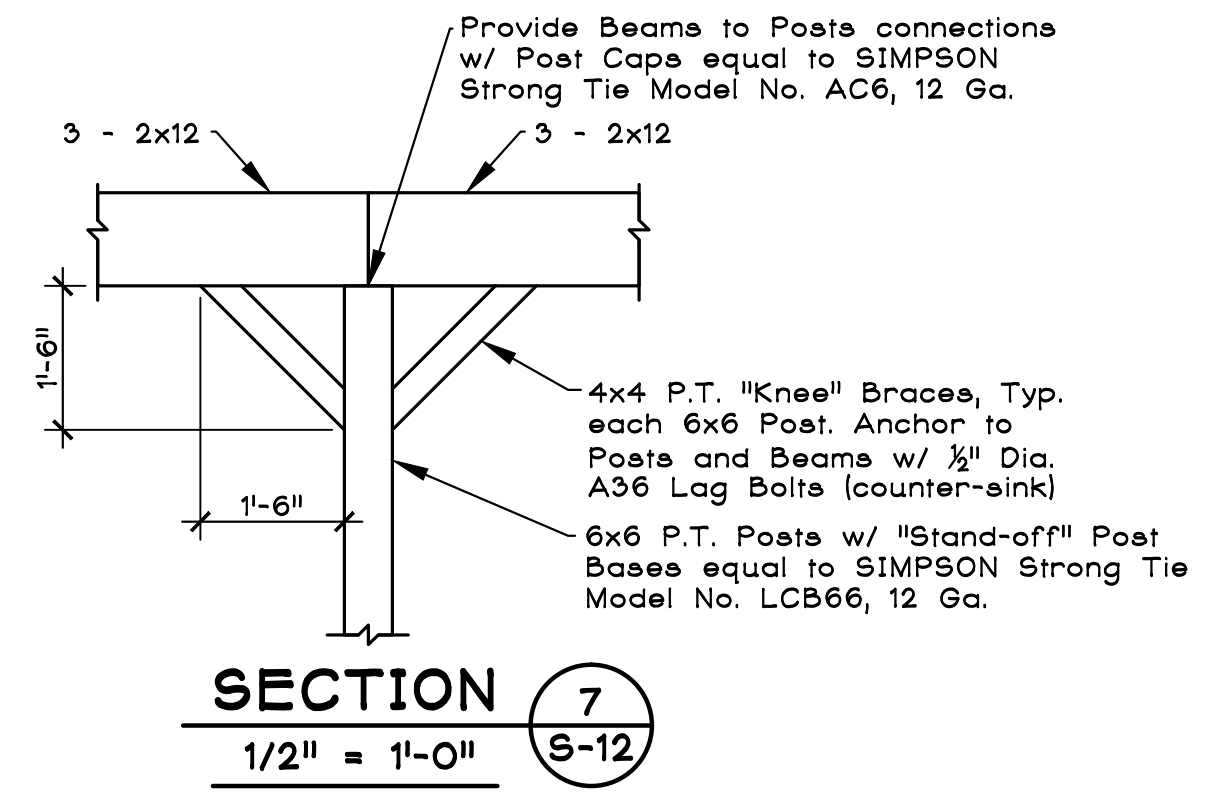


issued	01-29-2016
checked	SDW
approved	SDW
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project no.	201538-SW15149
drawing name	SECTIONS, DETAILS AND GENERAL NOTES

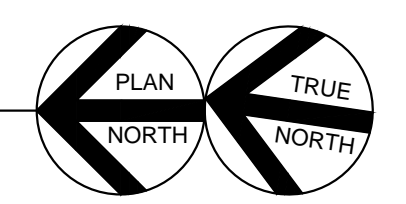
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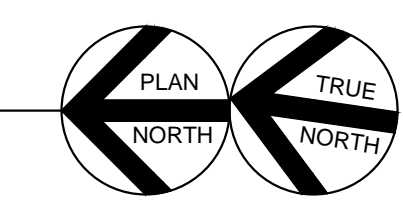
CONCRETE SLAB SCHEDULE	
Concrete f'c = 4,000 psi	
MK.	DESCRIPTION
CB	6" Concrete Slab-on-grade w/ 2 Layers 6x6W2.9/W2.9 WWF on 4" Compacted Crushed Stone w/ 6 mil. Polyethylene Vapor Barrier
EC	6" Exterior Concrete (f'c = 4,000 psi Air-entrained) Slab-on-grade w/ 2 Layers 6x6W2.9/W2.9 WWF on 4" Compacted Crushed Stone



PART - ROOF - STRUCTURAL REINFORCING PLAN
SCALE: 3/32 = 1'-0"



LOW ROOF - FRAMING PLAN
SCALE: 3/32 = 1'-0"



ADDENDUM NO. 1
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checked	SDW
approved	SDW
drawn	DRH
project no.	201538-SW15149
drawing name	STRUCTURAL PLANS AND SECTIONS

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