

1. CODE: INTERNATIONAL BUILDING CODE 2009 WITH WISCONSIN AMENDMENTS / ASCE 7-05  
2. FLOOR LIVE LOADS: (REDUCED AS ALLOWED BY THE BUILDING CODE)

OFFICES:	= 50 PSF*
PUBLIC AREAS:	= 100 PSF
STORAGE (LIGHT):	= 125 PSF
RETAIL AT FIRST FLOOR:	= 100 PSF

\* INDICATES 15 PSF PARTITION LOAD IN ADDITION TO LOAD INDICATED

1. CONTRACTOR AGREES THAT CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF THE WORK, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD OWNER/AND STRUCTURAL ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF THE WORK ON THIS PROJECT, EXCEPTING FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF OWNER OR STRUCTURAL ENGINEER.

1. THE FOLLOWING METHOD OF CONSTRUCTION, CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE DURING THE CONSTRUCTION OF THE STRUCTURE. THE CONTRACTOR SHALL BRACING, SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT AND MATERIALS. ABOVE THE STRUCTURE SHALL BE MAINTAINED ACCESS TO THE SITE BY A STRUCTURAL ENGINEER SHALL NOT INCLUDE THE FOLLOWING:
2. NITRIVE ENGINEERING SHALL NOT HAVE CONTROL OVER OR CHARGE OF AND SHALL NOT BE RESPONSIBLE IN ANY WAY FOR CONSTRUCTION METHODS, MATERIALS, EQUIPMENT, CONSTRUCTION SEQUENCE, SAFETY OR SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH ANY CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTRACTOR'S RESPONSIBILITY UNDER THE CONTRACT.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTRACTOR'S SCHEDULE OR FAILURES TO CARRY OUT ANY CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. NITRIVE ENGINEERING SHALL NOT BE RESPONSIBLE FOR THE CONTRACTOR'S SCHEDULE, METHOD, SUB-CONTRACTOR, OR ANY OF THEIR AGENTS, OR EMPLOYEES, OR ANY OTHER PERSONS OR FIRMS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE STRUCTURE IS STABLE ONLY IN ITS COMPLETED FORM. TEMPORARY BRACING, SHORING, AND OTHER MEASURES TO BE USED IN THE EARLY AND INTERMEDIATE STAGES OF CONSTRUCTION SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR.
4. THE CONTRACTOR SHALL OBTAIN SPECIFICATIONS OR CODES OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION OR TO CODES OF LOCAL, OR STATE OR FEDERAL, OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL OBTAIN THE CONTRACT DOCUMENTS, UNLESS OTHERWISE NOTED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A CONFLICT WITH ANY STANDARD SPECIFICATION OF ANY TECHNICAL SOCIETY, ORGANIZATION, OR ASSOCIATION.
6. NO PORTION OF ANY REFERENCED STANDARD SPECIFICATION OR CODE, WHETHER OR NOT SPECIFICALLY INCORPORATED BY REFERENCE IN THE CONTRACT DOCUMENTS, SHALL BE USED TO IMPOSE ANY OBLIGATION OR RESPONSIBILITIES OF THE OWNER, ARCHITECT, STRUCTURAL ENGINEER, OR CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK FROM THOSE SET FORTH IN THE CONTRACT DOCUMENTS, NOR SHALL BE EFFECTIVE TO ASSIGN TO STRUCTURAL ENGINEER OR ANY OF STRUCTURAL ENGINEER'S AGENTS, OR EMPLOYEES, OR ANY OTHER PERSONS OR FIRMS, AUTHORITY TO SUPERVISE OR DIRECT THE FURNISHING OR PERFORMANCE IF THE CONTRACTOR'S OBLIGATION TO THE ARCHITECT OR CONTRACTOR IS CONTRARY TO THE PROVISIONS OF THE CONTRACT DOCUMENT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK, AND SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK. WHEN THIS PROCEDURE IS NOT FOLLOWED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE WORK. WHEN THE ENGINEER DETERMINES THAT THE WORK TO BE INADEQUATE, THE CONTRACTOR SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT. ANY DISCREPANCIES BETWEEN THE CONDITIONS FOUND AND THOSE SHOWN ON THE CONTRACT DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF ARCHITECT PRIOR TO PROCEEDING WITH THE WORK. SEE DOCUMENTS FROM OTHER DISCIPLINES FOR FLOOR, WALL, AND ROOF FINISHES, PARTITIONS, STAIRS, ELEVATORS, MECHANICAL, ELECTRICAL, PLUMBING, STAIRS, MISCELLANEOUS, ETC. DO NOT.
8. THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR THE WORK, SEE IN STRUCTURAL BEAM AND PIPES.
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1. ALL FOUNDATIONS SHALL BE SUPPORTED ON APPROVED EXISTING SUBGRADE OR APPROVED COMPACTED STRUCTURAL FILL HAVING A MINIMUM OF 10% SWELLING AND 90% COMPACTED TO THE GEOTECHNICAL ENGINEERING REPORT AS PREPARED BY GESTRA ENGINEERING, INC. DATED 04/24/2015.
2. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE VALIDITY OF THE SUBGRADE CONDITIONS DESCRIBED IN THE DRAWINGS. SPECIFICATIONS TEST RESULTS AND GEOTECHNICAL REPORTS SHALL BE MADE AVAILABLE TO ASSIST THE CONTRACTOR DURING BIDDING AND SUBSEQUENT CONSTRUCTION, AND TO REPRESENT CONDITIONS ONLY AT SPECIFIC LOCATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING ALL EXTERIOR FOUNDATIONS SHALL BEAR ON APPROVED SUBGRADE AT MINIMUM 4' BELOW FINISHED GRADE.
4. FOOTING ELEVATIONS SHOWN ON THE DRAWINGS REPRESENT ESTIMATED DEPTHS AND ARE NOT TO BE CONSIDERED AS LIMITING THE AMOUNT OF EXCAVATION REQUIRED TO REACH THE SUBGRADE.
5. THE CONTRACTOR SHALL PROVIDE TEMPORARY SUPPORTS IN ALL EXCAVATIONS TO PREVENT COLLAPSE OF EXISTING FOUNDATIONS OR VERTICAL SETTLEMENT OF SURROUNDING SOIL AND/OR PROPERTY WHICH WILL ENDANGER LIVES OR PROPERTY.
6. THE CONTRACTOR SHALL CONTROL OF SURFACE AND SUBSURFACE WATER PROMPTLY TO INSURE THAT ALL FOUNDATION WORK IS PERFORMED IN A DRY CONDITION.
7. FOUNDATIONS SHALL NOT BE PLACED ON FROZEN SUBGRADE.
8. THE CONTRACTOR SHALL PROTECT IN-PLACE FOUNDATIONS AND SLABS AND EXISTING STRUCTURES FROM DAMAGE DURING EXCAVATION AND FOUNDATION WORKS SHALL BE BRACED DURING BACKFILLING AND COMPACTION OPERATIONS. BRACING SHALL BE LEFT IN PLACE UNTIL PERMANENT STRUCTURE IS IN PLACE AND SHALL BE REMOVED BY THE ENGINEER.
9. THERE SHALL BE NO SIDEWALKS HAVE FILL ON BOTH SIDES, BACKFILLING SHALL BE DONE SIMULTANEOUSLY ON BOTH SIDES OF THE WALL.

PRE-ENGINEERED METAL BUILDING WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING:

- 1. AISC STEEL CONSTRUCTION MANUAL, FABRICATION AND ERECTION OF STEEL FOR BUILDINGS
- 2. THE CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIGES
- 3. AWS D1.1 "STRUCTURAL WELDING CODE-STEEL"
- 4. AISC "STRUCTURAL STEEL DETAILING MANUAL"
- 5. ENEMA "METAL BUILDINGS SYSTEMS MANUAL"
- 6. AISC "LOADS AND RESISTANCES FACTORS DESIGN DRAWINGS"
- 7. THE PRE-ENGINEERED METAL BUILDING (PEMB) SHALL BE DESIGNED AND FABRICATED BY A MEMA MEMBER MANUFACTURER.
- 8. THE PEMB MANUFACTURER SHALL PROVIDE ALL DRAWINGS AND CALCULATIONS BY A REGISTERED PROFESSIONAL ENGINEER LICENSED IN THE STATE OF TEXAS.
- 9. THE PEMB MANUFACTURER SHALL CONFORM TO THE FOLLOWING DETAILING CRITERIA:
  - A. ALL STRUCTURE #3 SERVICEABILITY DESIGN CONSIDERATIONS FOR STEEL BUILDING UNLESS NOTED OTHERWISE ON THE DRAWINGS.
  - B. ALL CONNECTIONS SHALL BE DESIGNED TO RESIST ALL APPLIED LOADS.
  - C. LEVELING PLATES AND BEARING PLATES SHALL BE SET IN A FULL BED OF NON SHRINK GROUT.
  - D. THE PEMB MANUFACTURER SHALL BE RESPONSIBLE FOR ALL CONNECTIONS, STIFFENERS ETC. REQUIRED TO SAFELY ERECT THE BUILDING. THE PEMB MANUFACTURER SHALL BE RESPONSIBLE FOR THE DESIGN OF ALL CONNECTIONS PASSING THROUGH THE PEMB STEEL ON THE DRAWINGS.
  - E. THE PEMB MANUFACTURER SHALL BE RESPONSIBLE FOR DETERMINATION OF COLUMN LOCATIONS AND BASE PLATE SIZES TO THE ENGINEER IN A TIMELY MANNER. CHANGES TO, OR OMISSIONS OF REACTIONS, ETC. BY THE PEMB MANUFACTURER SHALL BE THE RESPONSIBILITY OF THE PEMB MANUFACTURER. IT WILL REQUIRE ADDITIONAL ENGINEERING FEES.
  - F. THE PEMB MANUFACTURER SHALL BE RESPONSIBLE FOR DETERMINING TO EXCEED AND CONFORMING TO AWS WELDING PROCEDURES AND STANDARDS.
- 10. ALL WELDS SHALL BE MADE BY AWS CERTIFIED WELDERS CERTIFIED IN THE PROCESS TO WHICH WELDS WILL BE MADE.
- 11. THE ERECTION OF ANY STRUCTURAL STEEL MEMBERS SHALL NOT COMMENCE UNTIL THE FOUNDATION HAS BEEN COMPLETED AND THE FOUNDATION HAS AT LEAST 75% OF THEIR INTENDED MINIMUM COMPRESSIVE STRENGTH.
- 12. THE CONTRACTOR SHALL PROVIDE TEMPORARY ERECTION BRACING AND SHORING TO MAINTAIN THE STRUCTURE UPRIGHT AND STABLE UNTIL THE TEMPORARY BRACING SHALL REMAIN IN PLACE UNTIL PERMANENT BRACING WELDS ARE WELDED AND FLOOR SLAB CONCRETE HAS ATTAINED 75% OF ITS REQUIRED STRENGTH.
- 13. STRUCTURAL STEEL SHALL BE CUT AND PLUMB BEFORE FINAL BOLTING OR WELDING.
- 14. THE CONTRACTOR SHALL NOT MOOFY OR CUT ANY STRUCTURAL STEEL WITHOUT THE APPROVAL OF THE ARCHITECT AND RECORDING BOARD AND PEMB MANUFACTURER.
- 15. THE CONTRACTOR SHALL FIRST TOUCH UP ALL CORROSION, BURNS, AND FRACTURES IN S IN PLACE OF STRUCTURAL STEEL.

ALL CONCRETE WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING STANDARDS:

- A) ACI 308 "SPECIFICATIONS FOR STRUCTURAL CONCRETE".
- B) ACI 318 "MANUAL OF CONCRETE PRACTICE".
- C) ACI 318 "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE".
- D) ACI 318.1 - "BUILDING CODE REQUIREMENTS FOR STRUCTURAL PLAIN CONCRETE".

2. CONCRETE

ALL CONCRETE SHALL HAVE A MINIMUM 28-DAY ULTIMATE COMPRESSIVE STRENGTH AS FOLLOWS:

A) SLABS ON GRADE	4000 PSI
B) FOOTINGS	3000 PSI
C) EXTERIOR EXPOSED CONCRETE	
D) PIERS & FROST WALLS	

3. ALL CONCRETE EXPOSED TO WEATHER TO BE AIR ENTRAINMENT WITH 5% - 8% AIR ENTRAINMENT.

4. ALL CONCRETE IS TO BE NORMAL WEIGHT CONCRETE UNLESS NOTED OTHERWISE.

5. ALL CONCRETE EXPOSED TO WEATHER TO BE FREE OF LUMITE AND OTHER DELERITARIOUS MATERIALS.

6. THE CONCRETE SHALL BE WELL GRADED #57 STONE WITH A MAXIMUM AGGREGATE SIZE OF 3/4". AGGREGATE FOR SLAB ON GRADE MAY HAVE A MAXIMUM AGGREGATE SIZE OF 1".

7. ALL CONCRETE SHALL BE AIR ENTRAINMENT #4 BE "IF A HIGH RANGE WATER REDUCER IS USED THEN THE SLUMP PRIOR TO THE ADDITION OF THE WATER REDUCER SHALL BE 10" AND SHALL NOT EXCEED 10" AFTER THE ADDITION OF A HIGH RANGE WATER REDUCER.

8. MINIMUM CEMENTITIOUS REQUIREMENTS:

A) 3000 PSI CONCRETE	517 LBS/CYD. UO
B) 4000 PSI CONCRETE	564 LBS/CYD. UO
C) MINIMUM WATER/CEMENT RATIO	19%

9. MINIMUM MAXIMUM TOLERANCES:

A) AIR ENTRAINMENT	0.45
B) NON-ENTRAINMENT CONCRETE	0.50

10. CONCRETE DESIGN SUBMITTALS SHALL INCLUDE A HISTORY OF BREAKS

12. PROTECTION FOR REINFORCING BARS:

UNIFORMED SURFACES IN CONTACT WITH SOIL	3"
FORMED SURFACES EXPOSED TO SOIL OR WEATHER	
#6 BARS AND LARGER	
#4 BARS AND SMALLER	2 1/2"
FORMED SURFACES NOT EXPOSED TO SOIL OR WEATHER	
SLABS	1 1/2"
#11 BARS AND SMALLER	1"

13. CONSTRUCTION JOINTS IN WALLS TO BE KEPT AND PLACED AT APPROVED LOCATIONS.

14. ALL CORNER POCKETS TO BE FILLED WITH CONCRETE AFTER COLUMN IS ERECTED.

15. SLEEVES AND OPENINGS IN BEAMS, JOISTS AND SLABS NOT SHOWN ON STRUCTURAL DRAWINGS ARE NOT PERMITTED, UNLESS APPROVED BY THE ENGINEER.

16. WATERPROOFING

A) SEE ARCHITECTS DRAWINGS FOR WATERSTOPS

B) CONSTRUCTION IS TO BE EXPANDING CLAY (BENTONITE OR EQUAL) UNLESS NOTED OTHERWISE.

C) PROVIDE WATERSTOPS ALL BELOW GRADE FOUNDATION WALL

17. PROVIDE AN ALLOWANCE OF 10 CUBIC YARDS OF ADDITIONAL CONCRETE TO BE USED FOR THE FOLLOWING:

A) PROVIDE AN ALLOWANCE OF 10 CUBIC YARDS OF ADDITIONAL CONCRETE TO BE USED TO INCLUDE ALL DETAILING, SUBMITTALS FABRICATION, DELIVERY, INSTALLATION AND DISPOSAL OF EXCESS CONCRETE.

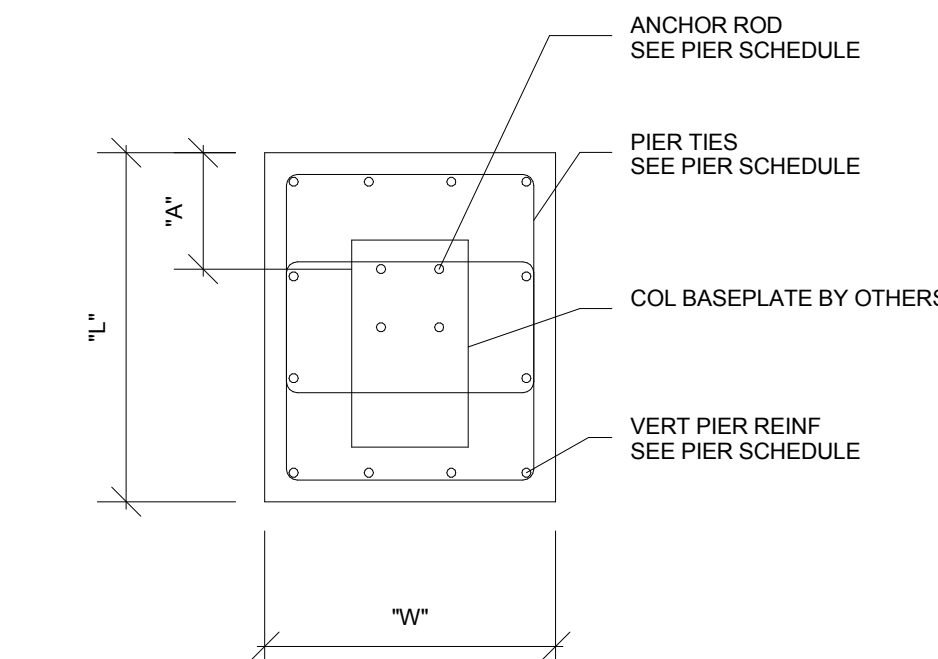
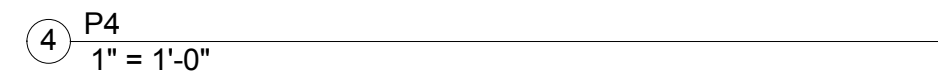
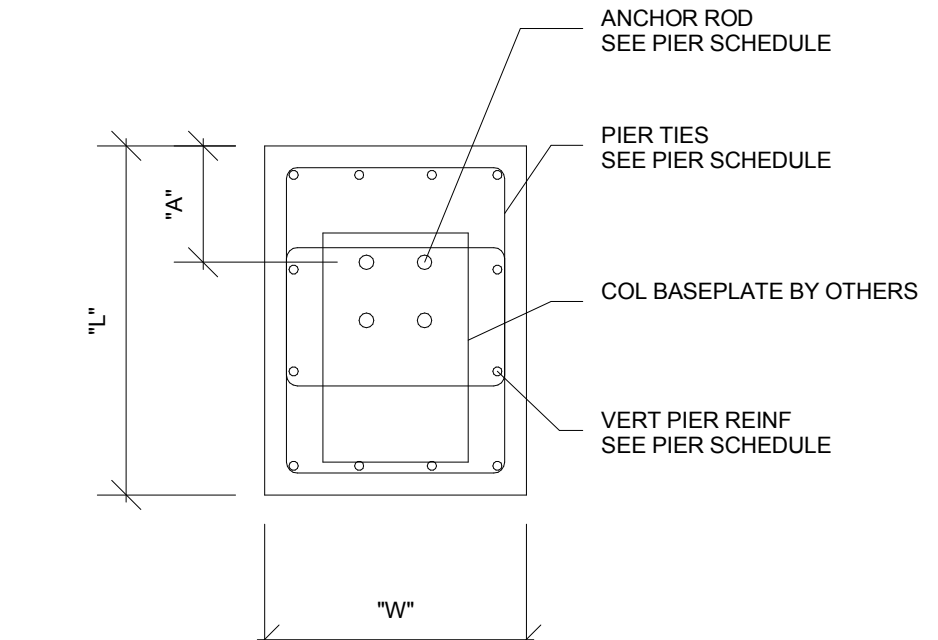
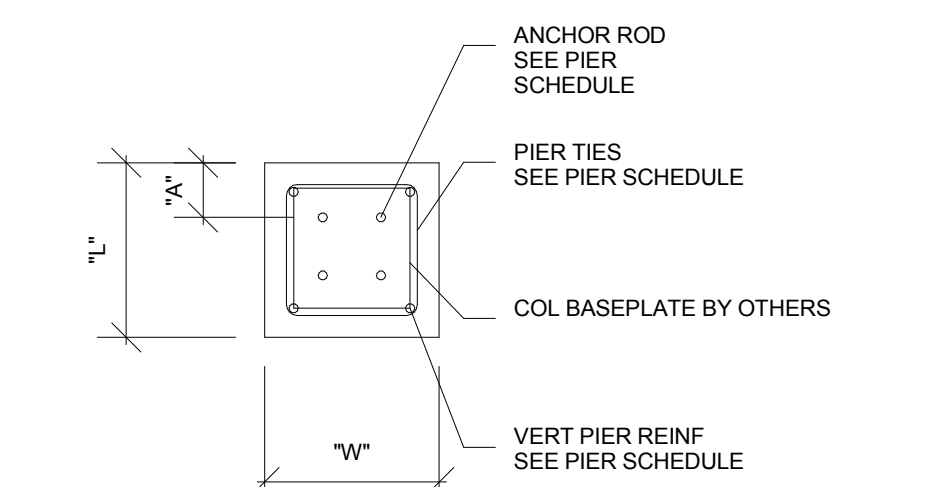
B) PROVIDE AN ALLOWANCE OF 10 CUBIC YARDS OF ADDITIONAL CONCRETE TO BE USED UPON COMPLETION OF THE JOB SHALL BE CREDITED BACK TO THE OWNER.

1. MAXIMUM SPACING OF CONSTRUCTION AND/OR CONTROL JOINTS IN SLAB-ON-GRADE CONSTRUCTION SHALL BE 12'-0". JOINTS SHALL BE PLACED TO PRODUCE PANELS THAT ARE AS SQUARE AS POSSIBLE AND NEVER EXCEEDING A LENGTH TO WIDTH RATIO OF 1.5 TO 1.
2. CONSTRUCTION AND/OR CONTROL JOINTS FOR SLAB-ON-GRADE CONSTRUCTION SHALL BE LOCATED ON COLUMN LINES.
3. CONSTRUCTION OR CONTRACTION JOINTS IN CONCRETE FOUNDATION WALLS SHALL BE SPACED AT 20'-0" ON CENTER MAXIMUM.

ALL REINFORCING STEEL SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING:

- A) AISC 315 - "DETAILS AND DESIGN OF CONCRETE REINFORCEMENT"
- B) AISC 318 - "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
- C) ACI 308 - "CRACK MANIPULATION OF STANDARD PRACTICE"
- D) AWS D 1.4 - "STRUCTURAL WELDING CODE - REINFORCING STEEL"
- E) AASHTO M 318 - "STANDARD SPECIFICATION FOR STEEL REINFORCING BARS"
- F) STEEL REINFORCING BARS SHALL CONFORM TO ASTM 601 (GRADE 60), 60 KSI YIELD POINT DEFORMED BARS IN ACCORDANCE WITH LATEST ASTM SPECIFICATION UNLESS OTHERWISE SPECIFIED.
- G) WELDED WIRE FABRIC SHALL CONFORM TO ASTM A185
- H) WELDED WIRE FABRIC SHALL BE WELDED TO 60% TENSILE STRENGTH IN ACCORDANCE WITH THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES" SPECIFICATIONS. CONTINUOUS BARS TO BE WELDED TO 100% TENSILE STRENGTH.
- I. ONLY REBAR CONFORMING TO ASTM A192 REBAR MAY BE WELDED.
- J. REBAR SHALL BE WELDED TO 100% TENSILE STRENGTH UNLESS OTHERWISE PROVIDED (2" DIAGONALS FOR EACH LAYER AT EACH CORNER OF OPENINGS)
- K. PROVIDE CORNER REBAR AT THE OUTSIDE FACE AND AT EACH JUNCTIONS. MAXIMUM SPACING SHALL BE 12" HORIZONTAL AND 12" VERTICAL IN ALL CORNERS AND AT ALL JUNCTIONS.
- L. PROVIDE #6 REBAR IN HORIZONTAL AND VERTICAL IN EACH FACE OF ALL WALLS. UNLESS NOTED OTHERWISE.
- M. LAP JOINTS #6 REBAR SHALL BE IN ACCORDANCE WITH THE FOLLOWING TABLE UNLESS NOTED OTHERWISE.

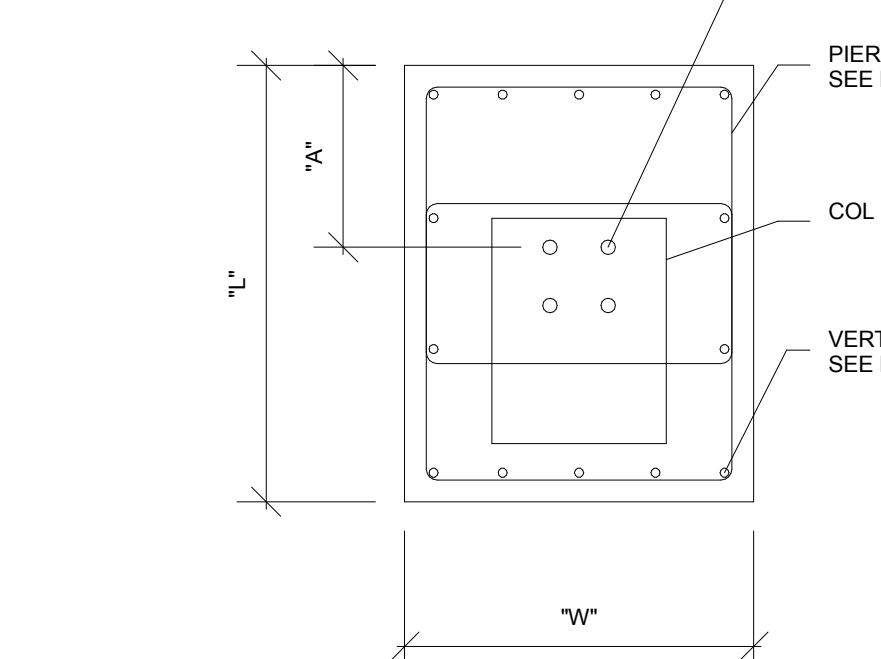
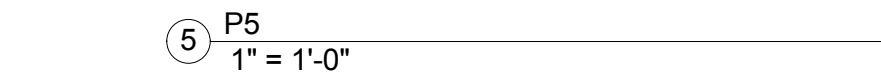
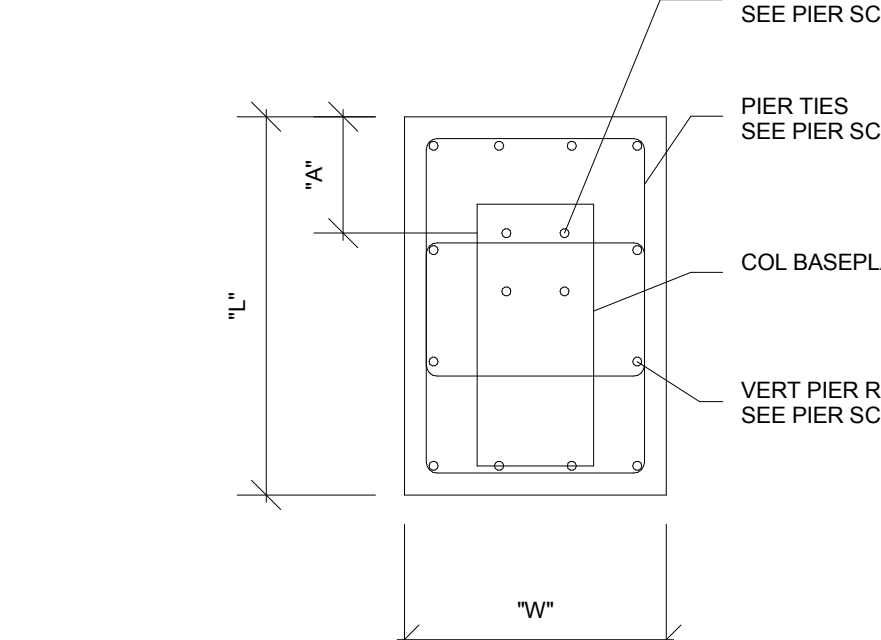
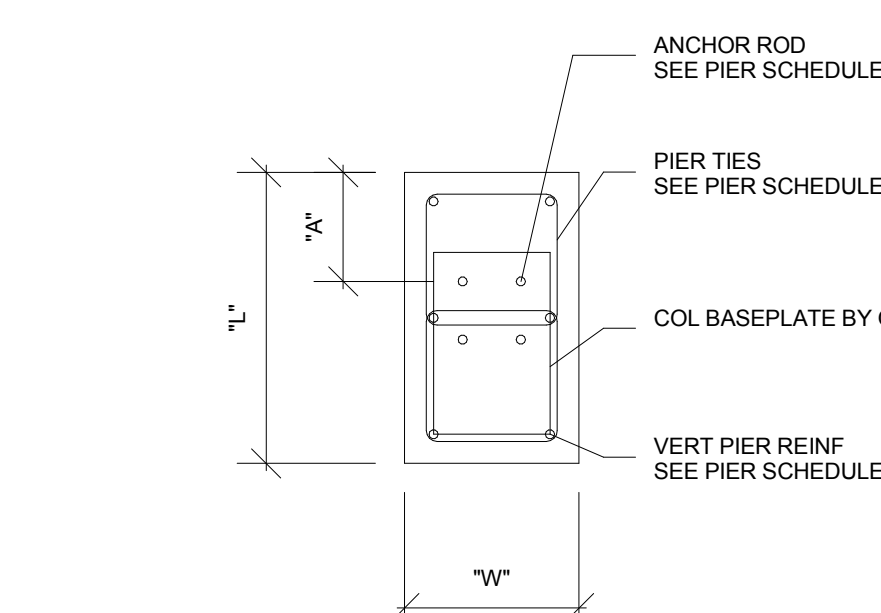
13. WELDED WIRE FABRIC SHALL LAP A MINIMUM OF 6" AND BE TIED TOGETHER.
14. PROVIDE AN ALLOWANCE OF 1 TON OF ADDITIONAL CONCRETE REINFORCEMENT TO BE USED AS DETERMINED BY THE STRUCTURAL ENGINEER OF RECORD. ALLOWANCES TO INCLUDE ALL DETAILING, SUBMITTALS, FACTORY DELIVERY, INSTALLATION AND ANY OTHER INCIDENTALS REQUIRED FOR INSTALLATION.
- SPECIAL INSPECTIONS**
15. SPECIAL INSPECTIONS SHALL BE IN ACCORDANCE WITH CHAPTER 17 OF THE STANDARD SPECIFICATIONS FOR CONCRETE AND MASONRY, SECTION 17.01, AND THE AISC 360-10. (SEE INCLUDE TABLES AND NOTE 4 FOR SPECIAL INSPECTION REQUIREMENTS)
16. THE SPECIAL INSPECTOR SHALL REPORT TO THE BUILDING OFFICIAL, OWNER, ARCHITECT, STRUCTURAL ENGINEER, AND BUILDING DEPARTMENT. DISCREPANCIES SHALL BE REPORTED TO THE BUILDING OFFICIAL, OWNER, ARCHITECT, AND STRUCTURAL ENGINEER IMMEDIATELY. IF NOT CORRECTED, SHALL BE REPORTED TO BUILDING OFFICIAL IMMEDIATELY.
17. THE SPECIAL INSPECTOR SHALL SUBMIT A FINAL REPORT STATING THAT THE STRUCTURAL WORK WAS, TO THE BEST OF THE SPECIAL INSPECTOR'S KNOWLEDGE, CONFORMED TO THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
18. THE SPECIAL INSPECTOR SHALL SUBMIT SPECIAL INSPECTIONS: (REFER TO THE BUILDING CODE AND SPECIFICATIONS FOR DETAILED INSPECTION REQUIREMENTS)
19. CONCRETE CONSTRUCTION
20. N/T/RIE IS NOT RESPONSIBLE FOR PERFORMING SAID SPECIAL INSPECTIONS



FOOTING SCHEDULE					fs = 3000 psf fc = 3000 psi	
MARK	SIZE			REINFORCING		
	L	S	D	LONG BARS	SHORT BARS	
F5	5'-0"	5'-0"	1'-6"	6 #4	6 #4	
F7	7'-0"	7'-0"	2'-0"	8 #5	8 #5	
F8	8'-0"	8'-0"	1'-6"	9 #6	9 #6	
F10	10'-0"	10'-0"	2'-0"	11 #5	11 #5	

PIER SCHEDULE								
MARK	PIER SIZE "W"x"L"	VERTICAL REINF	REINF DETAIL	PIER TIES	ELEV OF TOP OF PIER	ANCHOR BOLT	DIM "A"	REMARKS
P1	12"x12"	(4) #5	1/S-100	(3) #3 @ 2" REST #3 @10	99'-0"	(4) $\frac{5}{8}$ "x7 $\frac{1}{2}$ " EMBED	3 $\frac{3}{4}$ "	-
P2	12"x20"	(6) #5	2/S-100	(3) #3 @ 2" REST #3 @10	99'-0"	(4) $\frac{5}{8}$ "x7 $\frac{1}{2}$ " EMBED	7 $\frac{1}{2}$ "	-
P3	18"x21"	(8) #5	3/S-100	(3) #3 @ 2" REST #3 @10	99'-0"	(4) $\frac{5}{8}$ "x7 $\frac{1}{2}$ " EMBED	8"	-
P3A	18"x21"	(8) #5	3/S-100	(3) #3 @ 2" REST #3 @10	99'-0"	(4) 1"x12" EMBED	8"	-
P4	18"x24"	(12) #5	4/S-100	(3) #3 @ 2" REST #3 @10	99'-0"	(4) $\frac{5}{8}$ "x7 $\frac{1}{2}$ " EMBED	8"	-
P4A	18"x24"	(12) #5	4/S-100	(3) #3 @ 2" REST #3 @10	99'-0"	(4) 1"x12" EMBED	8"	-
P5	18"x26"	(12) #5	5/S-100	(3) #3 @ 2" REST #3 @10	99'-0"	(4) $\frac{5}{8}$ "x7 $\frac{1}{2}$ " EMBED	8"	-
P6	18"x30"	(12) #5	6/S-100	(3) #3 @ 2" REST #3 @10	99'-0"	(4) 1 $\frac{1}{8}$ "x15" EMBED	8 $\frac{1}{2}$ "	-
P6A	18"x30"	(12) #5	6/S-100	(3) #3 @ 2" REST #3 @10	99'-0"	(4) 1 $\frac{1}{8}$ "x15" EMBED	12"	-
P7	20"x24"	(12) #5	7/S-100	(3) #3 @ 2" REST #3 @10	99'-0"	(4) $\frac{5}{8}$ "x7 $\frac{1}{2}$ " EMBED	8"	-
P8	24"x30"	(14) #5	8/S-100	(3) #3 @ 2" REST #3 @10	99'-0"	(4) 1"x12" EMBED	12 $\frac{1}{2}$ "	-

NOTE: EXTERIOR FOUNDATION WALLS NOT SHOWN ON TYPICAL PIER DETAILS FOR CLARITY. EXTERIOR FOUNDATION WALLS TO BE SHOWN ON FUTURE DRAWING RELEASES.

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## GENERAL NOTES

Date	Issue Date
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# S-100

Scale	As indicated
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**SHEET NOTES:**

1. SEE SHEET S-100 FOR GENERAL NOTES, ABBREVIATIONS AND SCHEDULES.
2. VERIFY ALL DIMENSIONS AND ELEVATIONS WITH EXISTING CONDITIONS.  
ARCHITECTURAL, PLUMBING AND MECHANICAL DRAWINGS.
3. FX INDICATES FOOTING. SEE FOOTING SCHEDULE ON SHEET S-100. PX  
INDICATES CONCRETE PIER. SEE PIER SCHEDULE ON SHEET S-100.
4. FOUNDATION FLOOR FINISH ELEVATION = +100'-0" UNLESS NOTED THIS [ ]
5. TEXTORIOR FLOOR FINISH ELEVATION = +06'-0" UNLESS NOTED THIS [ ]. INTERIOR  
FOOTING ELEVATION = +99'-0" UNLESS NOTED THIS [ ].
6. 8" POLY SUB ON GRADE - 4" CONCRETE IF UNLESS NOTED THIS [ ]. 2" DOWEL  
MIL POLYETHYLENE VAPOR RETARDER ON 6" MIN WLL COMPACTED GRANULAR  
FILL PER GEOTECHNICAL REPORT. MAXIMUM PARTICLE SIZE OF 7" CONTAINING  
NO MORE THAN 5% PASSING 200 sieve AND FOLLOW RECOMMENDATIONS OF  
ACI 302.2 PART 4.1.
7. T/CONE ELV=+100'-0"

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## FOUNDATION PLAN

Date \_\_\_\_\_ Issue Date \_\_\_\_\_

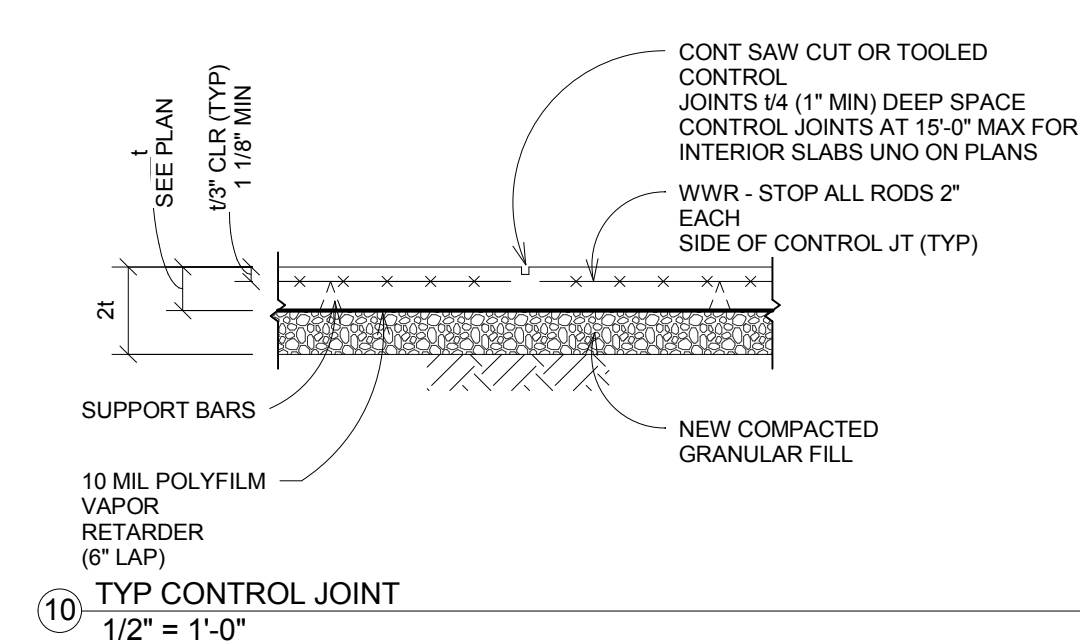
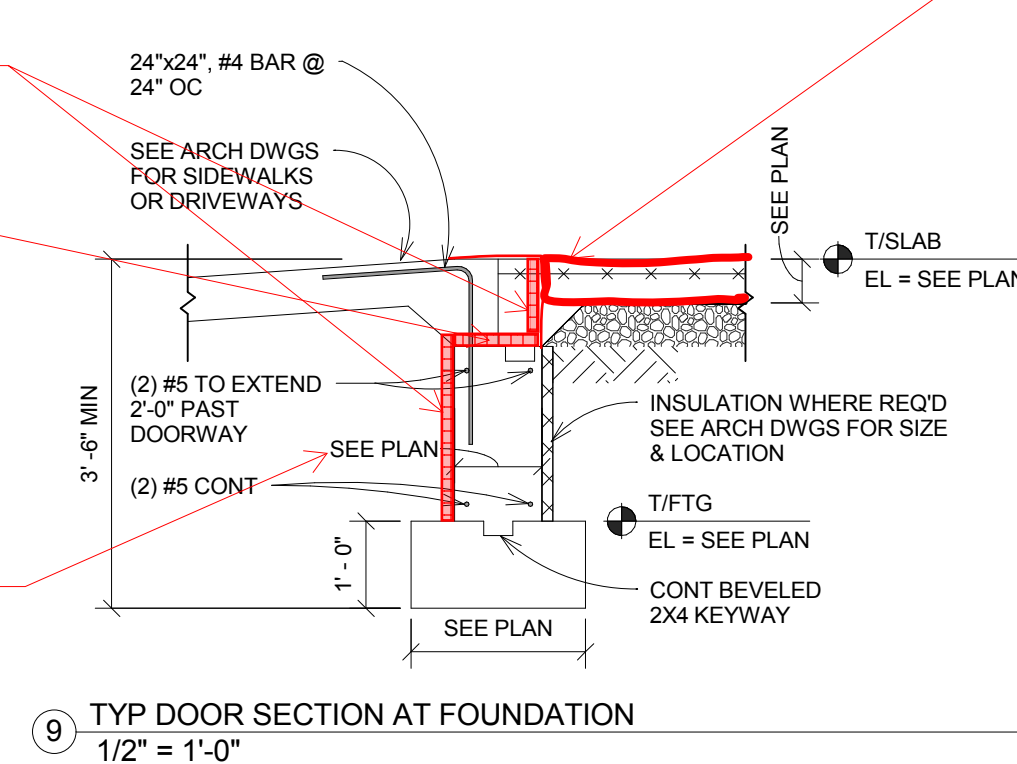
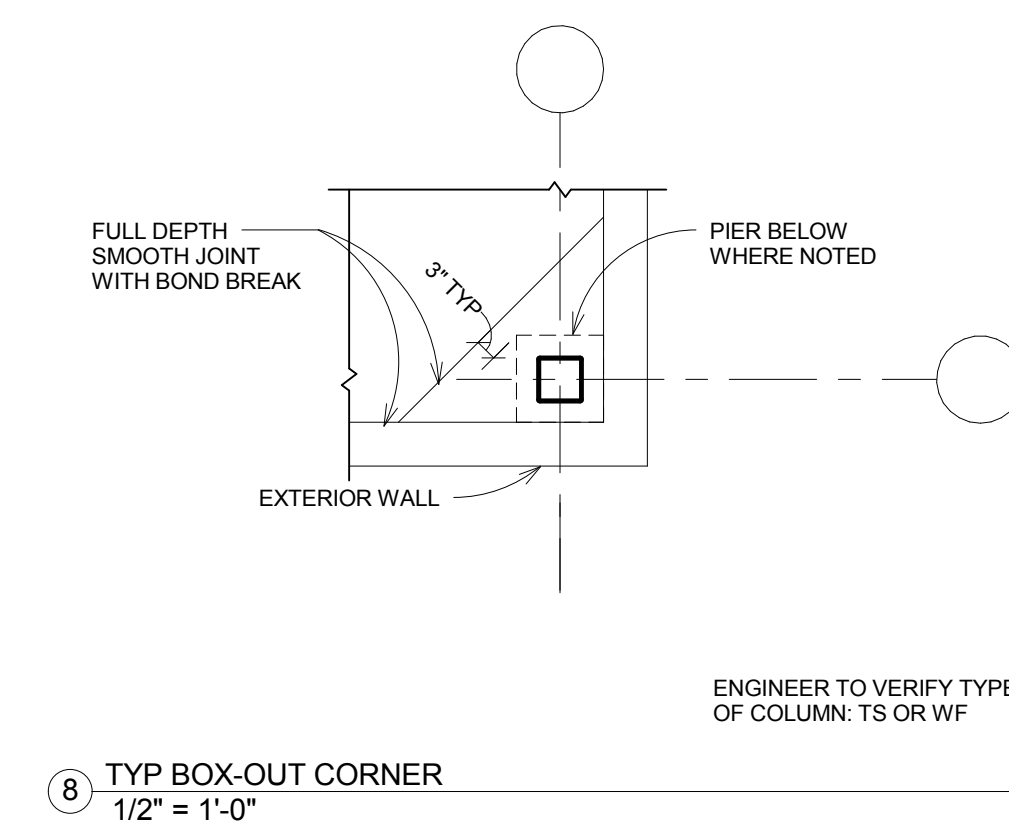
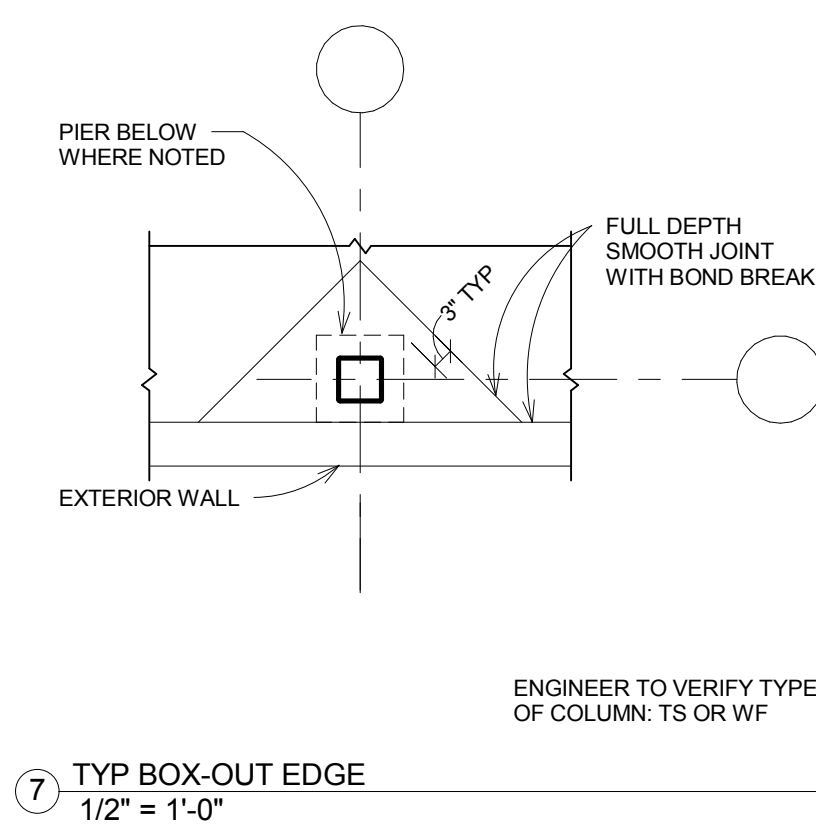
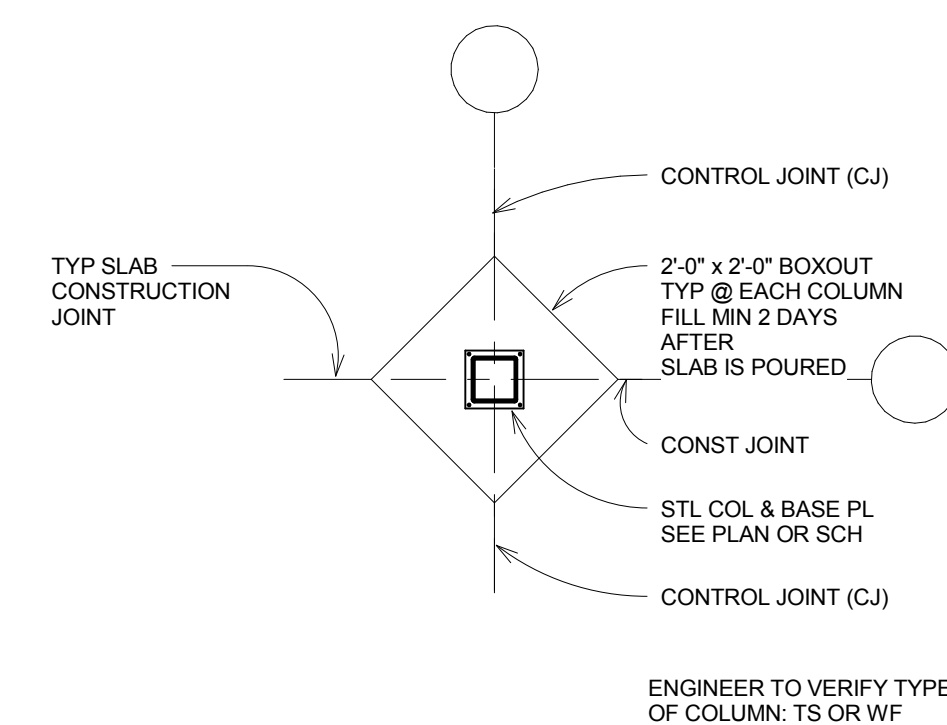
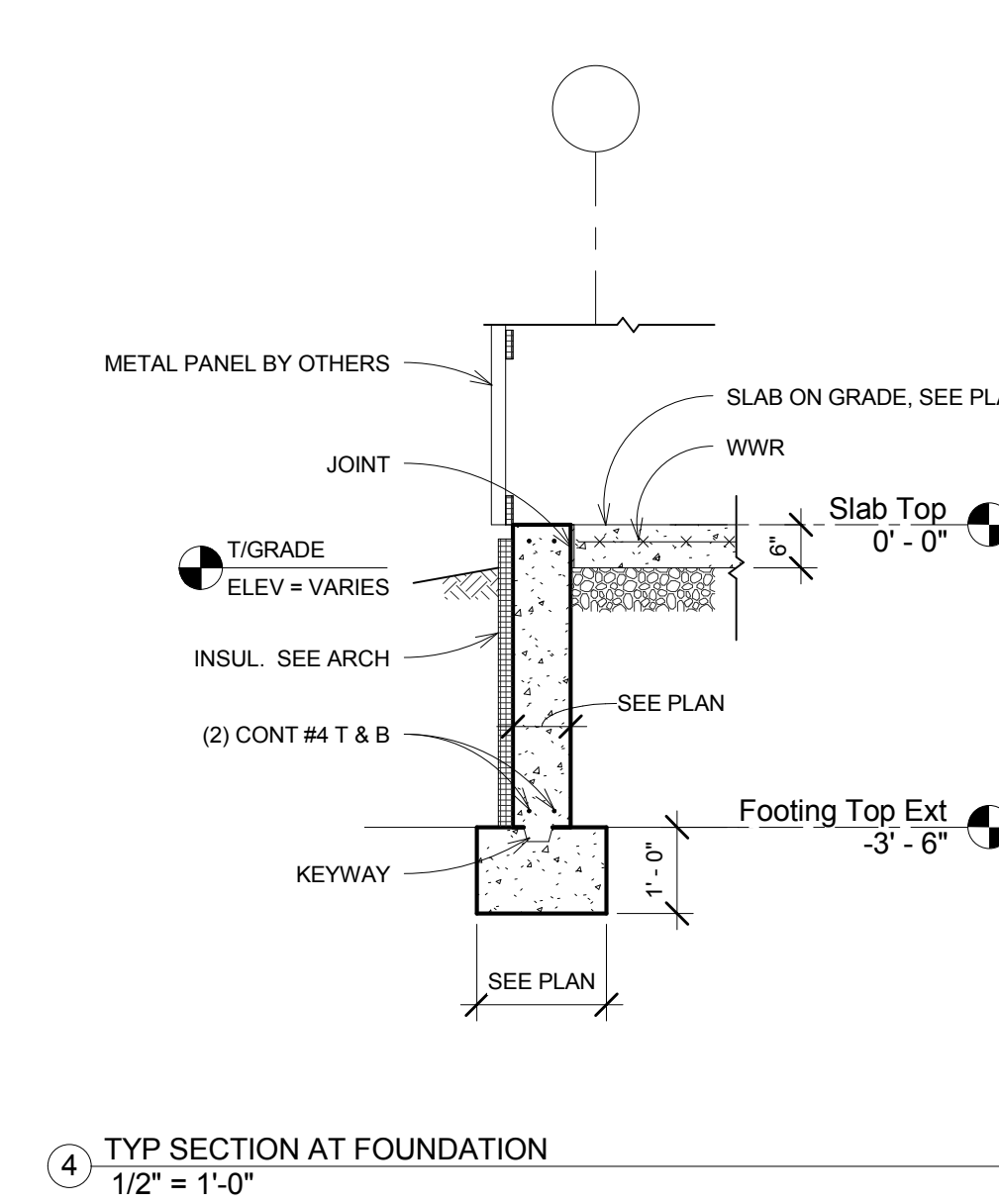
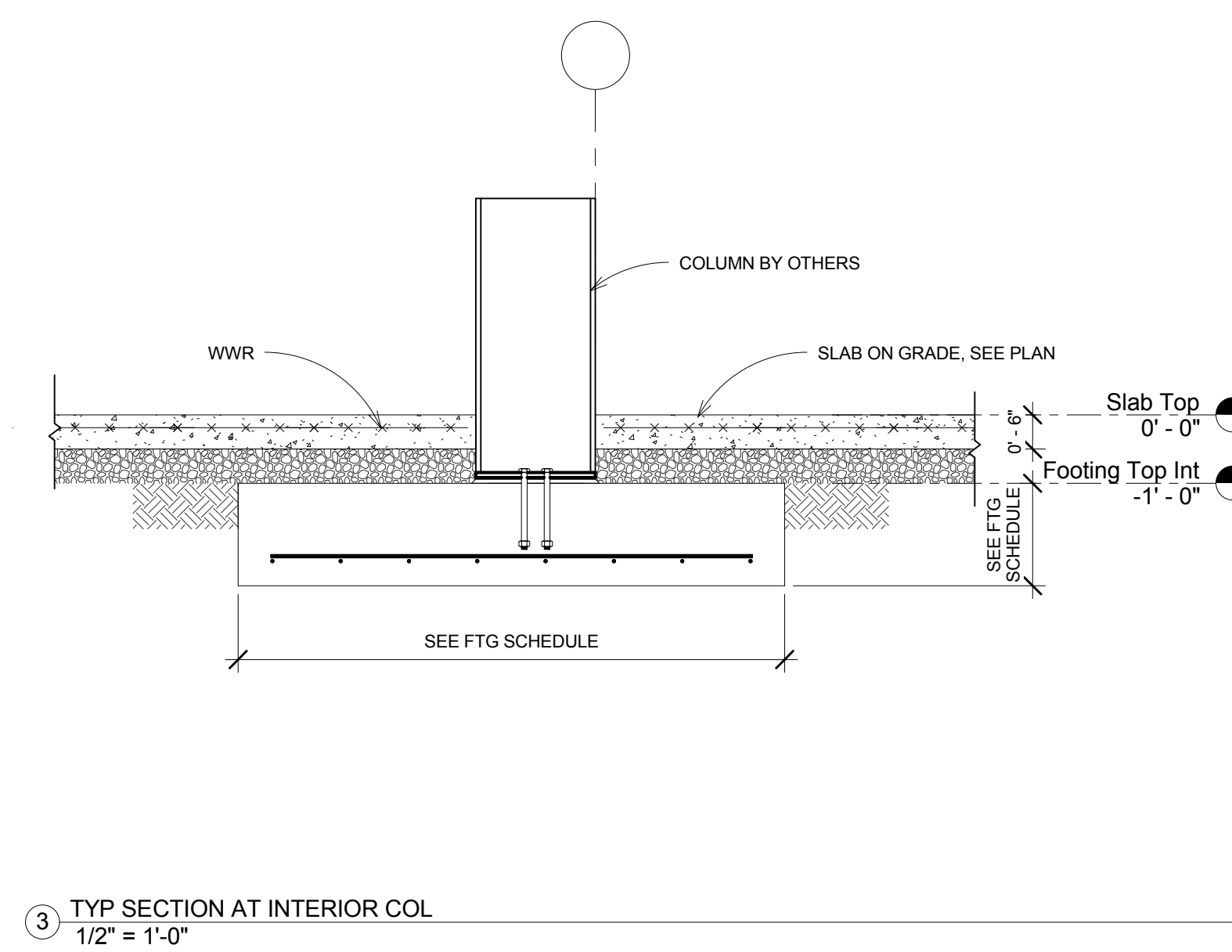
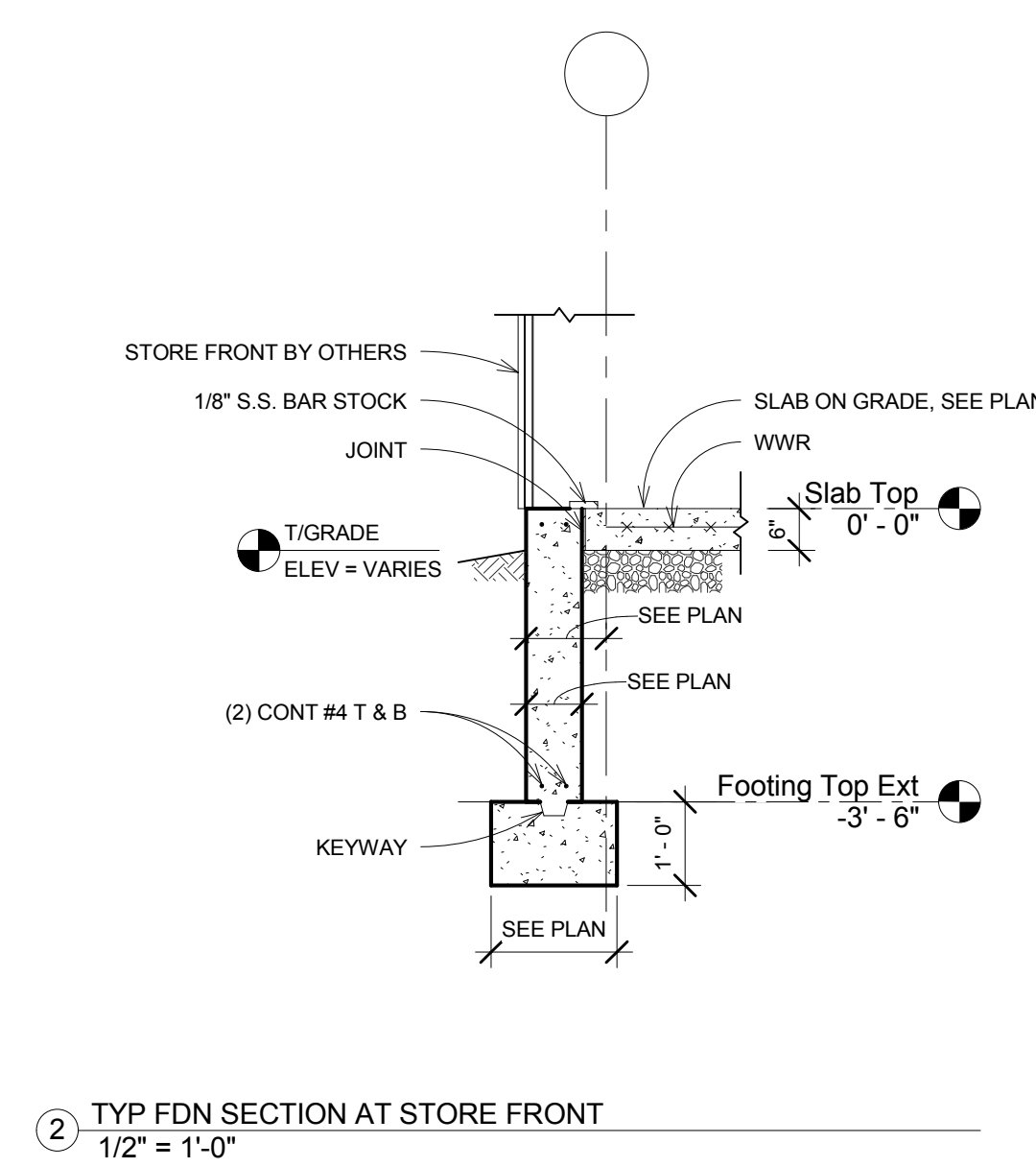
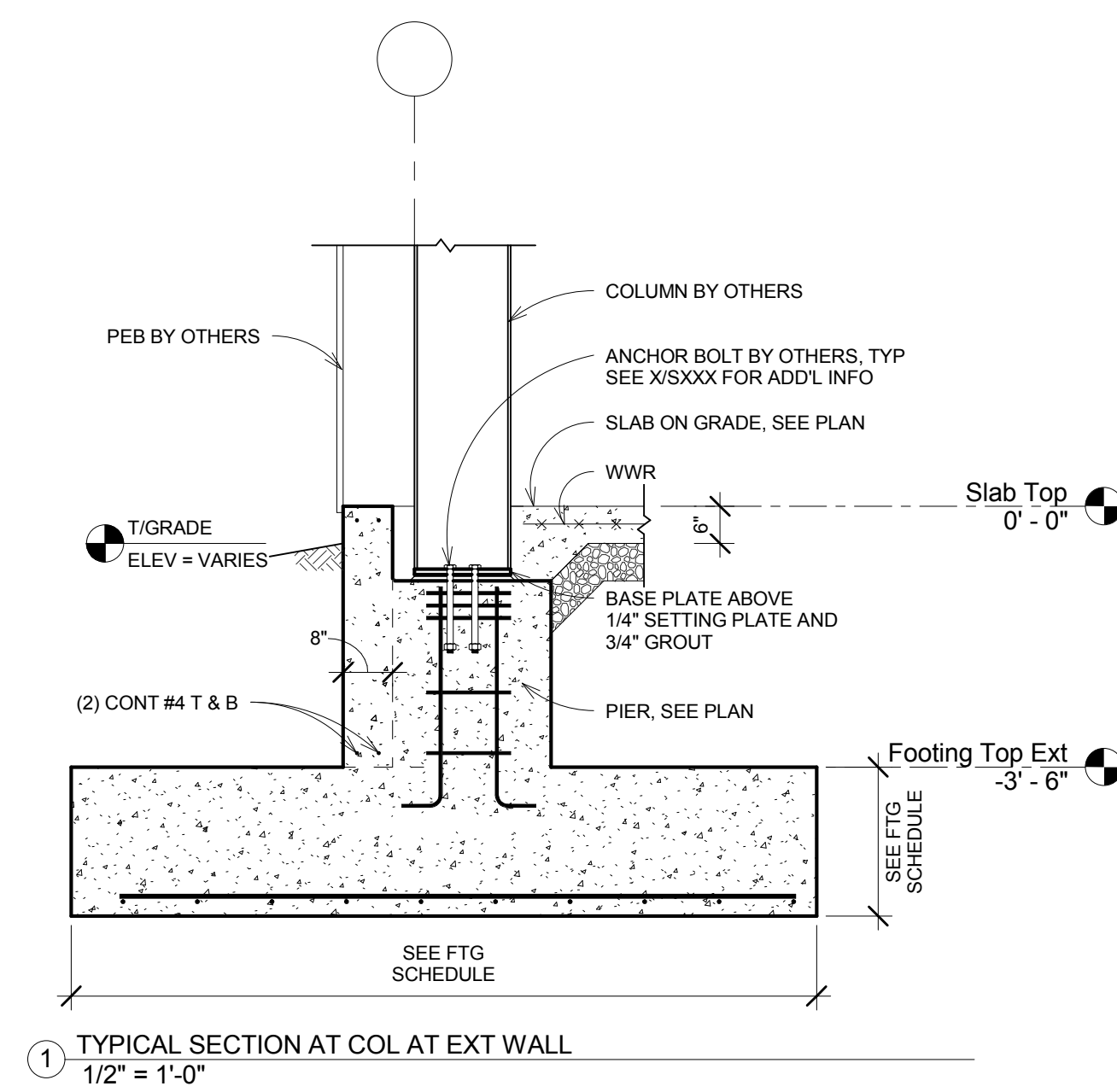
S-200

Scale  $1/8" = 1'-0"$

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any problem with locating the insulation layer here?

would we need high compressive insulation at this point? would 100psi insulation work?

8\* correct?

slab does not bear on frost wall, correct?

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**ntvive**

**FOREMOST  
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**Pelikan Plumbing LLC**

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