

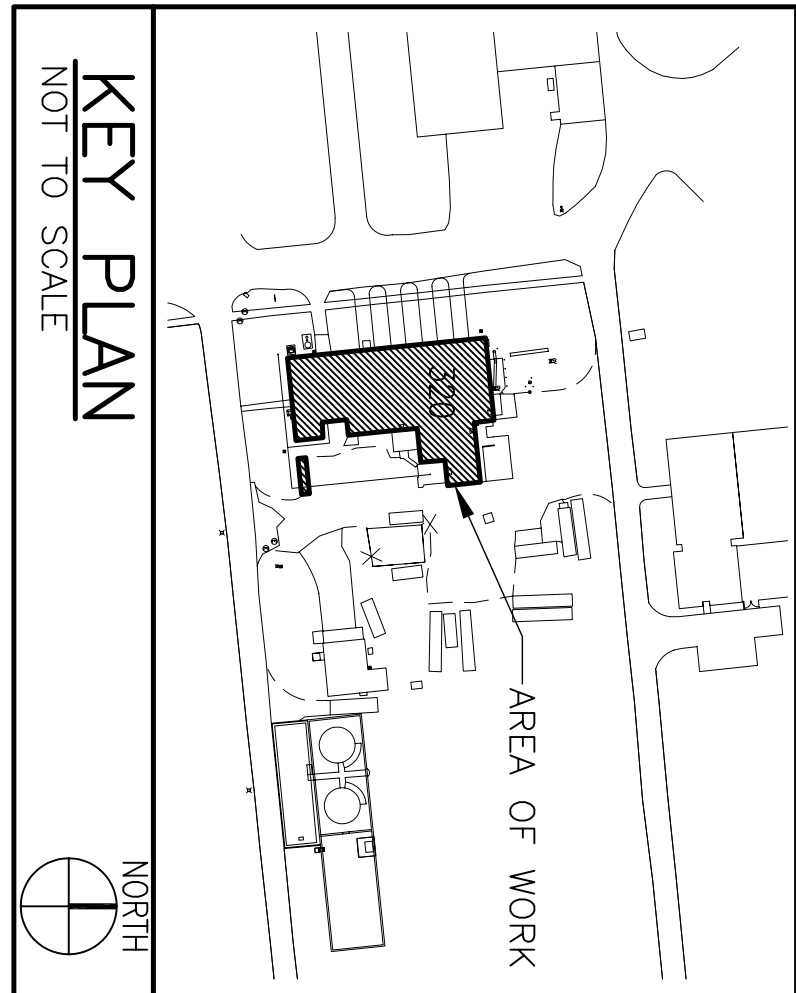
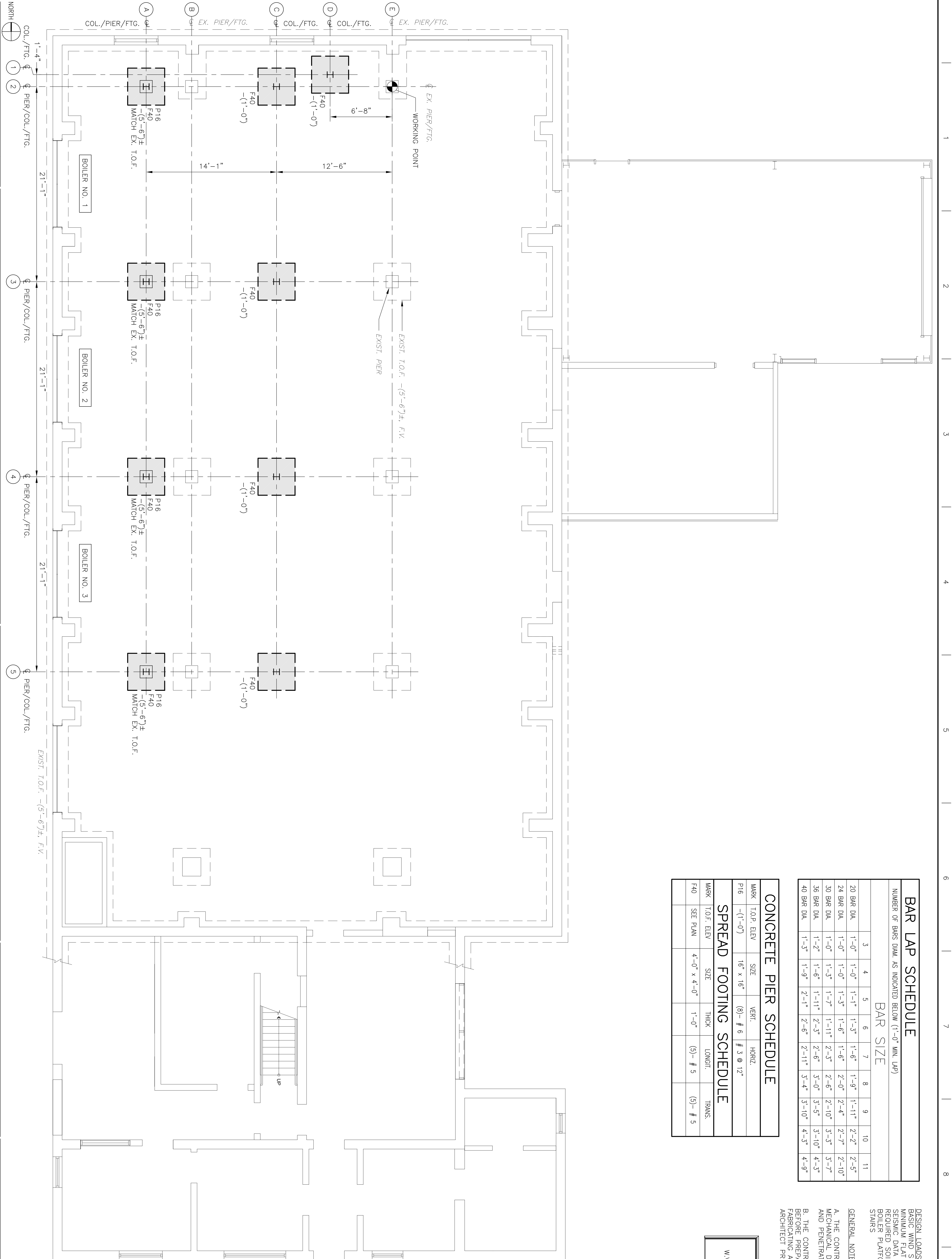
DESIGN LOADS (IBC 2009):  
BASIC WIND SPEED 90 MPH  
MINIMUM FLAT ROOF SNOW LOAD 20 PSF  
SEISMIC DATA SOIL SITE CLASS D  
REQUIRED SOIL BEARING CAPACITY 2,500 PSF  
BOILER PLATFORM LIVE LOAD 100 PSF  
STAIRS 100 PSF

GENERAL NOTES:  
A. THE CONTRACTOR SHALL REVIEW ARCHITECTURAL AND MECHANICAL DRAWINGS FOR DIMENSIONS, DETAILS, OPENINGS AND PENETRATIONS NOT SHOWN ON STRUCTURAL DRAWINGS.  
B. THE CONTRACTOR SHALL VERIFY ALL BUILDING DIMENSIONS BEFORE FABRICATING AND ERECTING STRUCTURAL STEEL. REPORT ANY DISCREPANCIES TO ARCHITECT PRIOR TO PROCEEDING WITH WORK.

CALL BEFORE YOU DIG  
WEST VIRGINIA 811  
1-800-245-4848, [www.wv811.com](http://www.wv811.com)  
W.V. ACT24C-1-5 REQUIRES TWO WORKING DAYS NOTICE TO UTILITIES BEFORE YOU EXCAVATE, DRILL OR BLAST.

BAR LAP SCHEDULE											
NUMBER OF BARS DIAM. AS INDICATED BELOW (1'-0" MIN. LAP)											
BAR SIZE											
20 BAR DIA.	1'-0"	1'-0"	1'-1"	1'-3"	1'-6"	1'-9"	1'-11"	2'-2"	2'-5"		
24 BAR DIA.	1'-0"	1'-0"	1'-3"	1'-6"	1'-6"	2'-0"	2'-4"	2'-7"	2'-10"		
30 BAR DIA.	1'-0"	1'-3"	1'-7"	1'-11"	2'-3"	2'-6"	2'-10"	3'-3"	3'-7"		
36 BAR DIA.	1'-2"	1'-6"	1'-11"	2'-3"	2'-6"	3'-0"	3'-5"	3'-10"	4'-3"		
40 BAR DIA.	1'-3"	1'-9"	2'-1"	2'-6"	2'-11"	3'-4"	3'-10"	4'-3"	4'-9"		

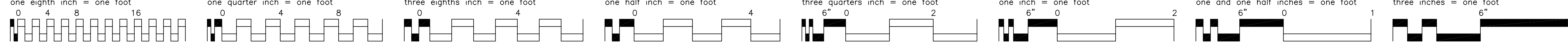
CONCRETE PIER SCHEDULE					
MARK	T.O.P. ELEV.	SIZE	VERT.	HORZ.	
P16	-(1'-0")	16" x 16"	(8)- # 6	# 3 @ 12"	
SPREAD FOOTING SCHEDULE					
MARK	T.O.P. ELEV.	SIZE	THICK	LONGIT.	TRANS.
F40	SEE PLAN	4'-0" x 4'-0"	1'-0"	(3)- # 5	(5)- # 5

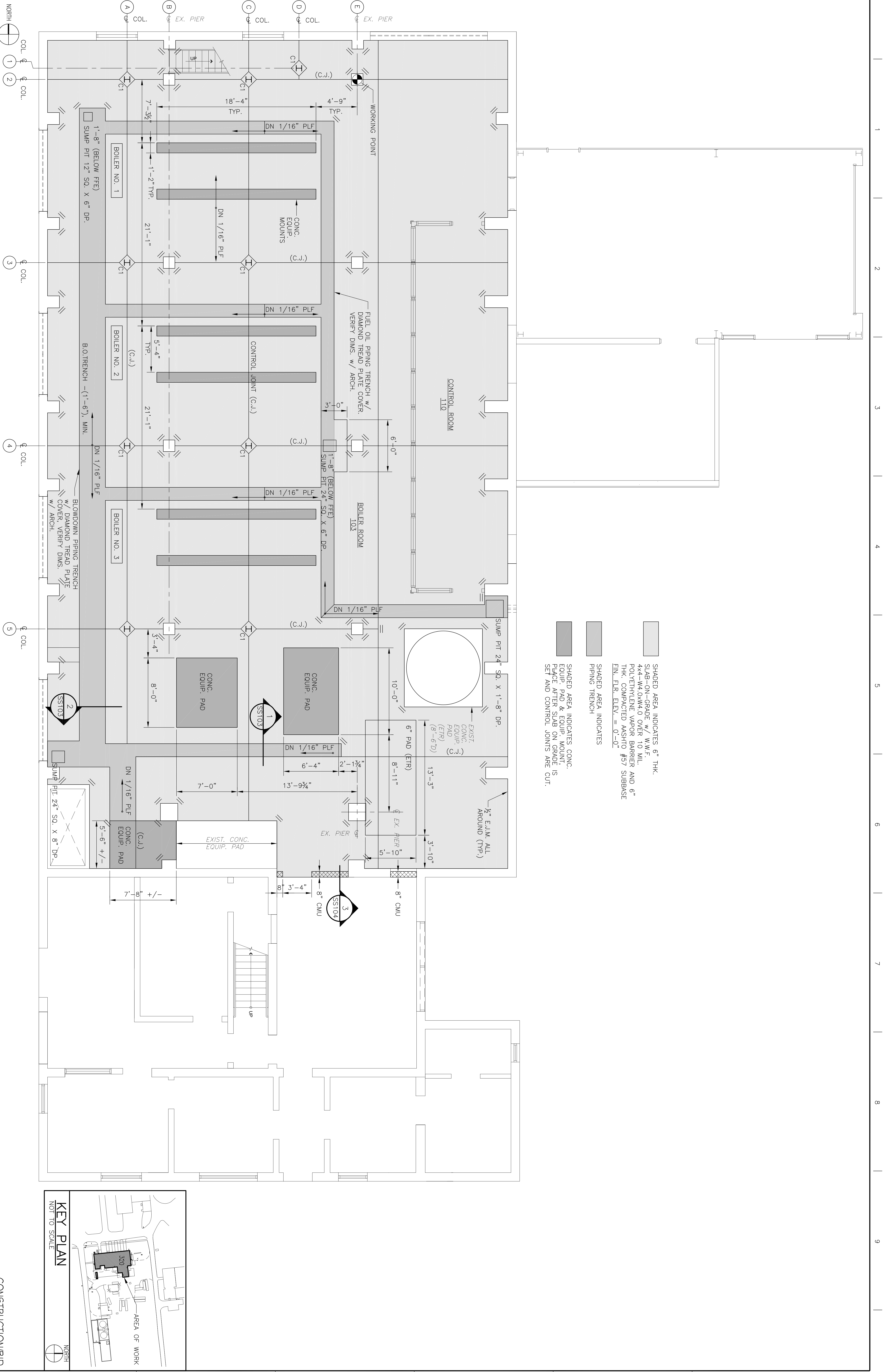
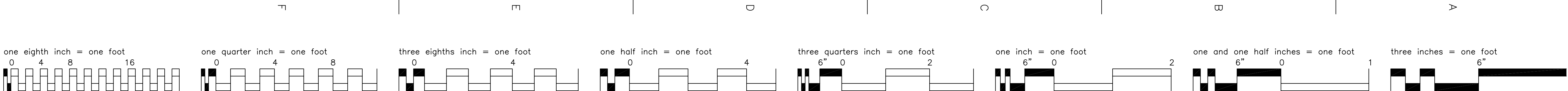


KEY PLAN  
NOT TO SCALE

CONSTRUCTION/BID

CONSULTANTS:		ARCHITECT/ENGINEERS:	
 APROQ ENGINEERING, INC. 187 NORTH MAIN STREET, WILKESBARRE, PENNSYLVANIA 18702-4425 (610) 825-9835 11-145213		 SA architects 600 North Harley Street, Suite 50 York, PA 17404 1-717-843-3200 F-717-849-0265 <a href="http://www.saaarchitects.com">www.saaarchitects.com</a>	
Drawing Title FOUNDATION PLAN		Project Title BOILER PLANT UPGRADE PHASE V	
SCALE 1/4" = 1'-0"		Location VAMC MARTINSBURG, WV	
Approved Project Director		Date 10.22.13	
Checked JAK		Drawn KMG	
Building Number 320		Drawing Number 320-SS100	
Dwg 15 of 44		Office of Construction and Facilities Management Department of Veterans Affairs	
Revisions		Date	



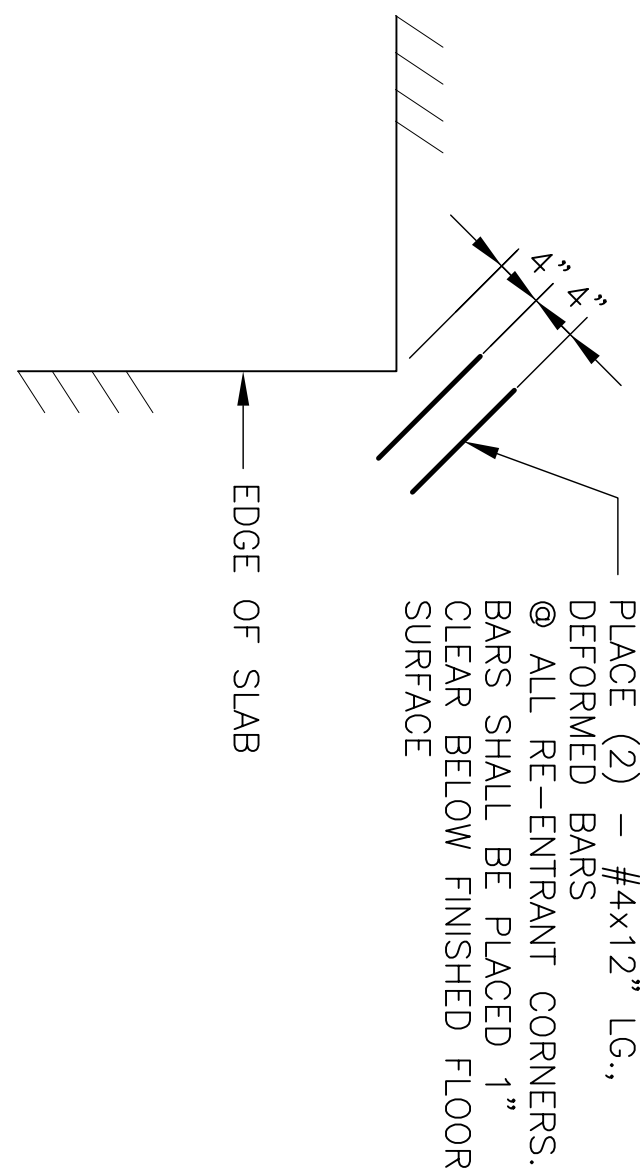
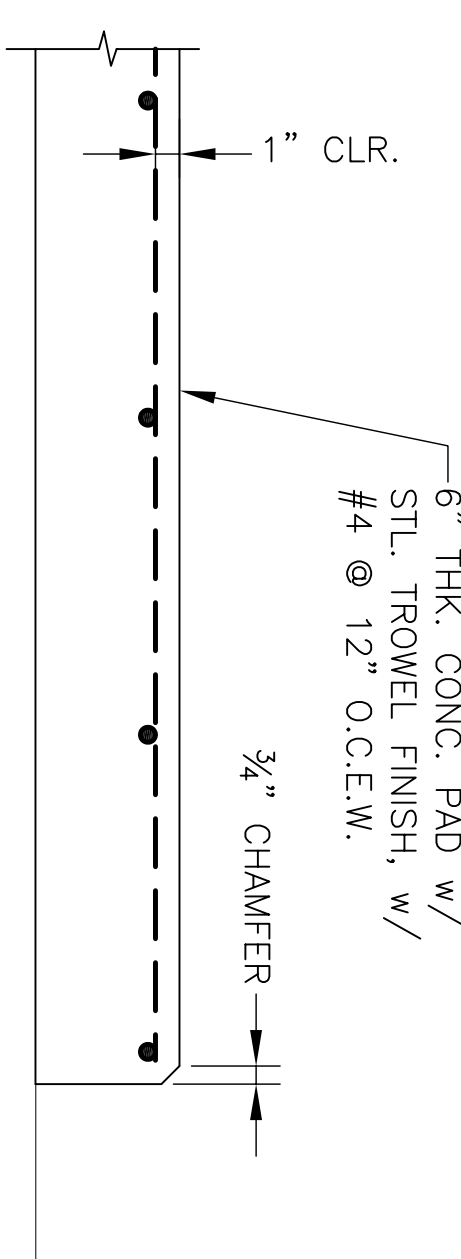
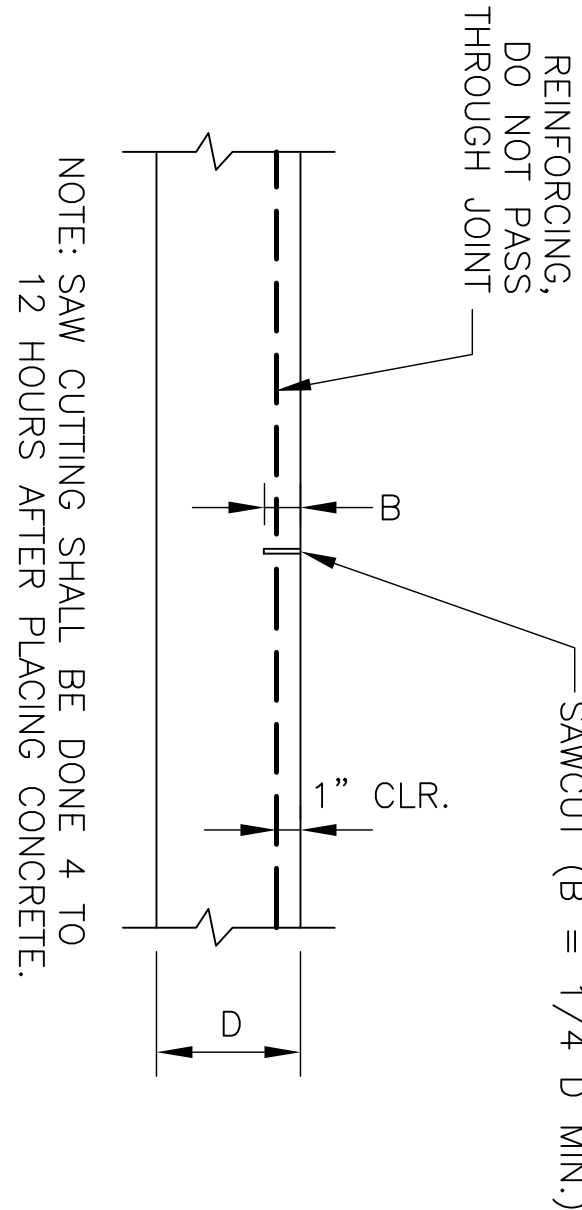
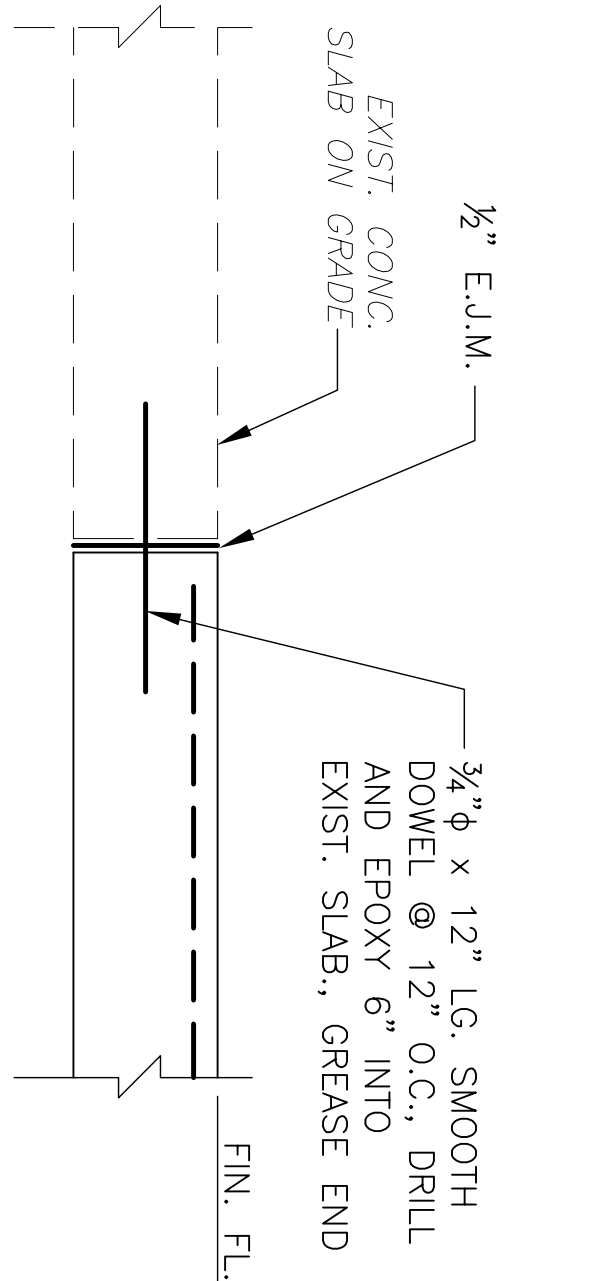
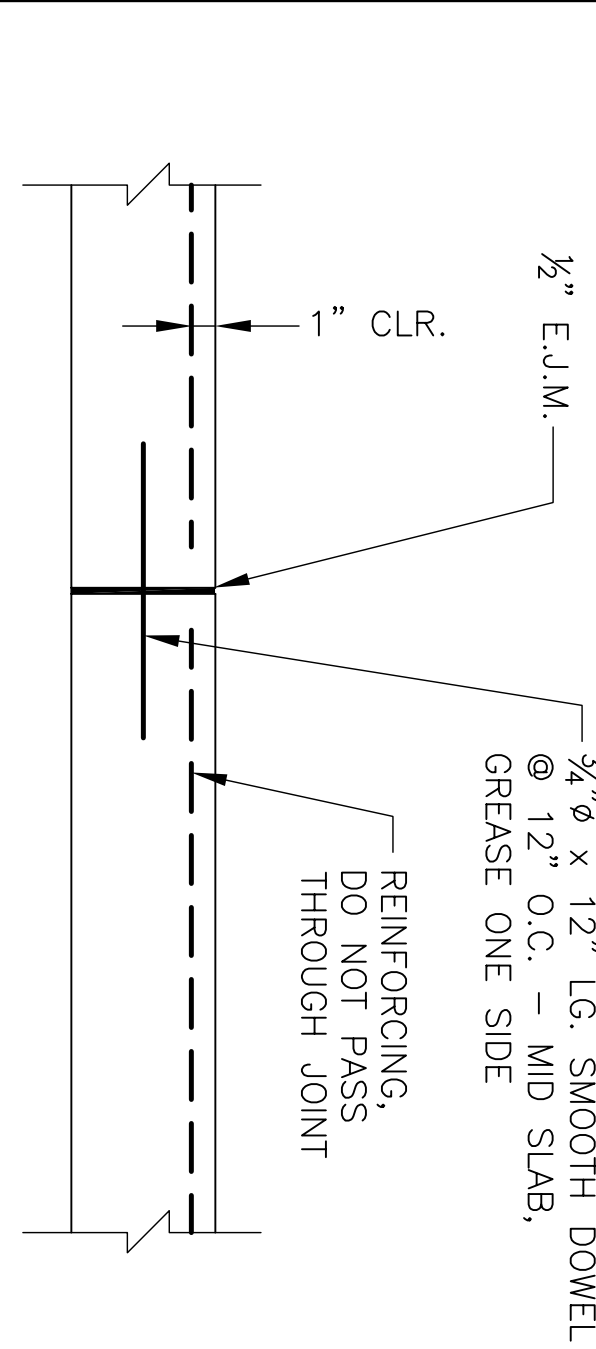
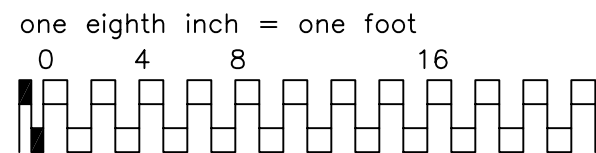
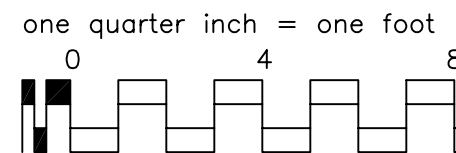
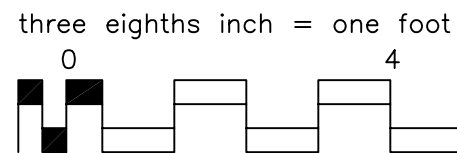
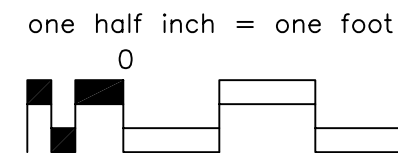
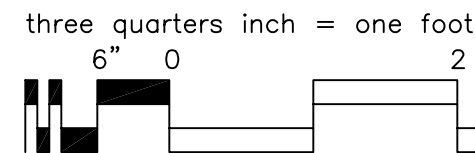
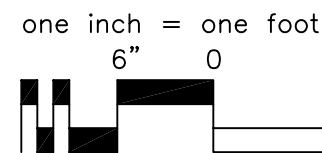
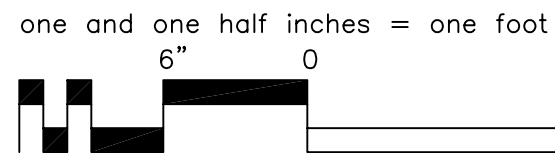
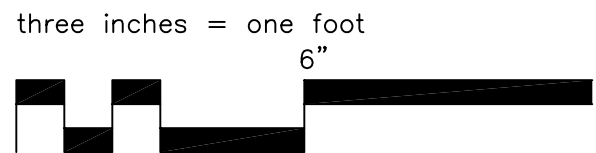


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187 NORTH MAIN STREET, WILKESBARRE, PENNSYLVANIA 18702-4425 (610) 825-9635		600 North Harley Street, Suite 500 York, PA 17404 717.843.8300 F. 717.850.0265 www.sarchitects.com																																									
<b>Revisions</b>		<b>Drawing Title</b>																																									
<table><tr><th>Date</th><th>By</th><th>Check</th><th>Draw</th></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table>		Date	By	Check	Draw																																					<b>Project Title</b>	
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		<b>PHASE V</b>																																									
		<b>Location</b>																																									
		<b>WVAC MARTINSBURG, WV</b>																																									
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		<b>320-SS101</b>																																									
		<b>Office of</b>																																									
		<b>Construction and Facilities Management</b>																																									









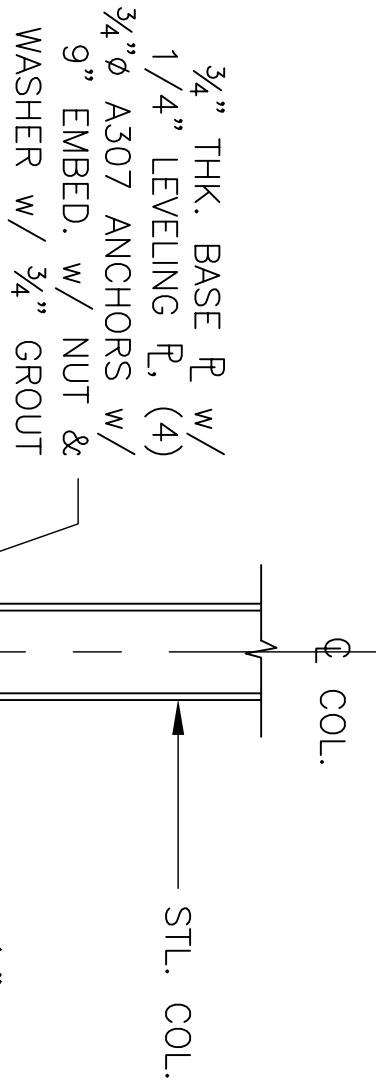
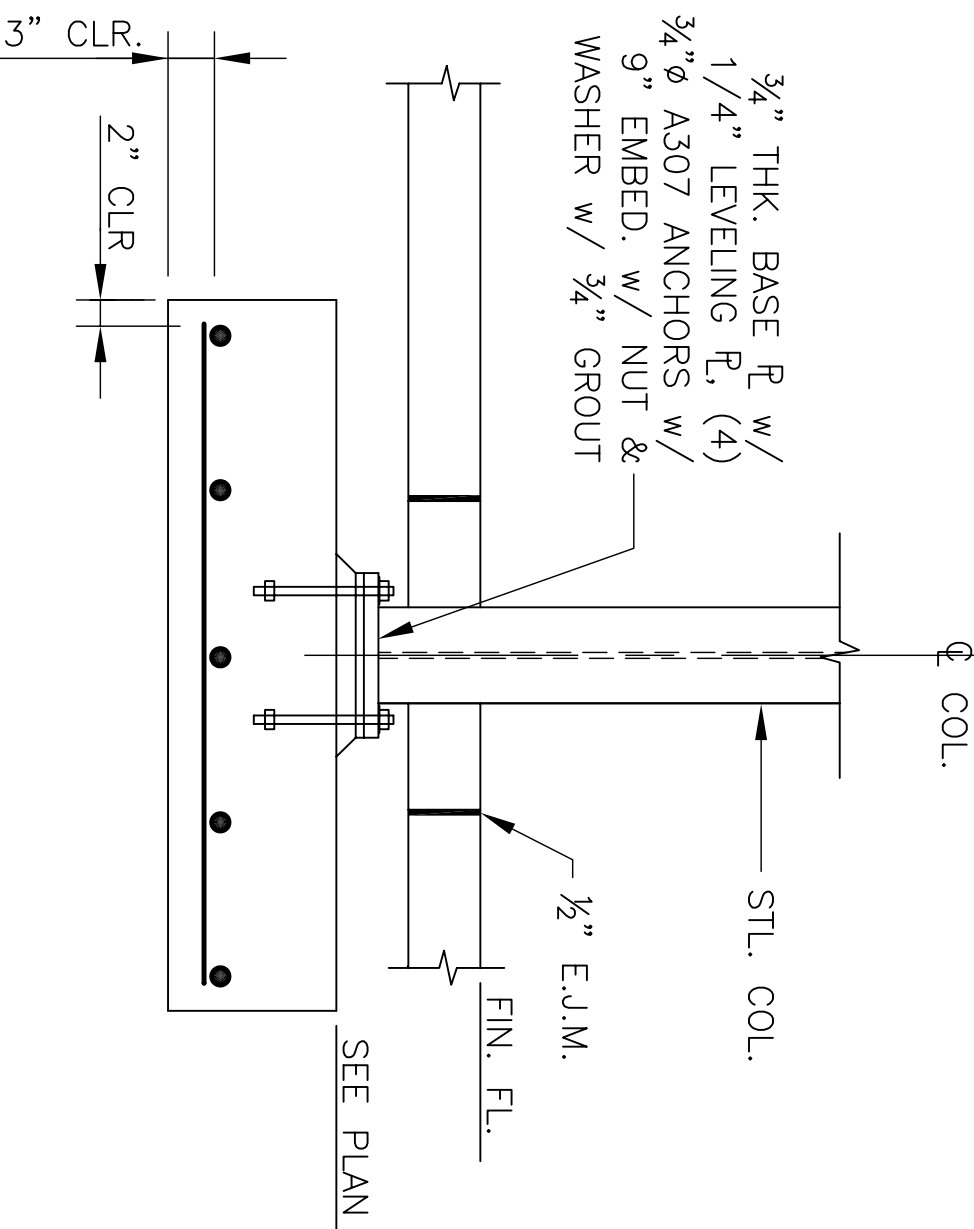
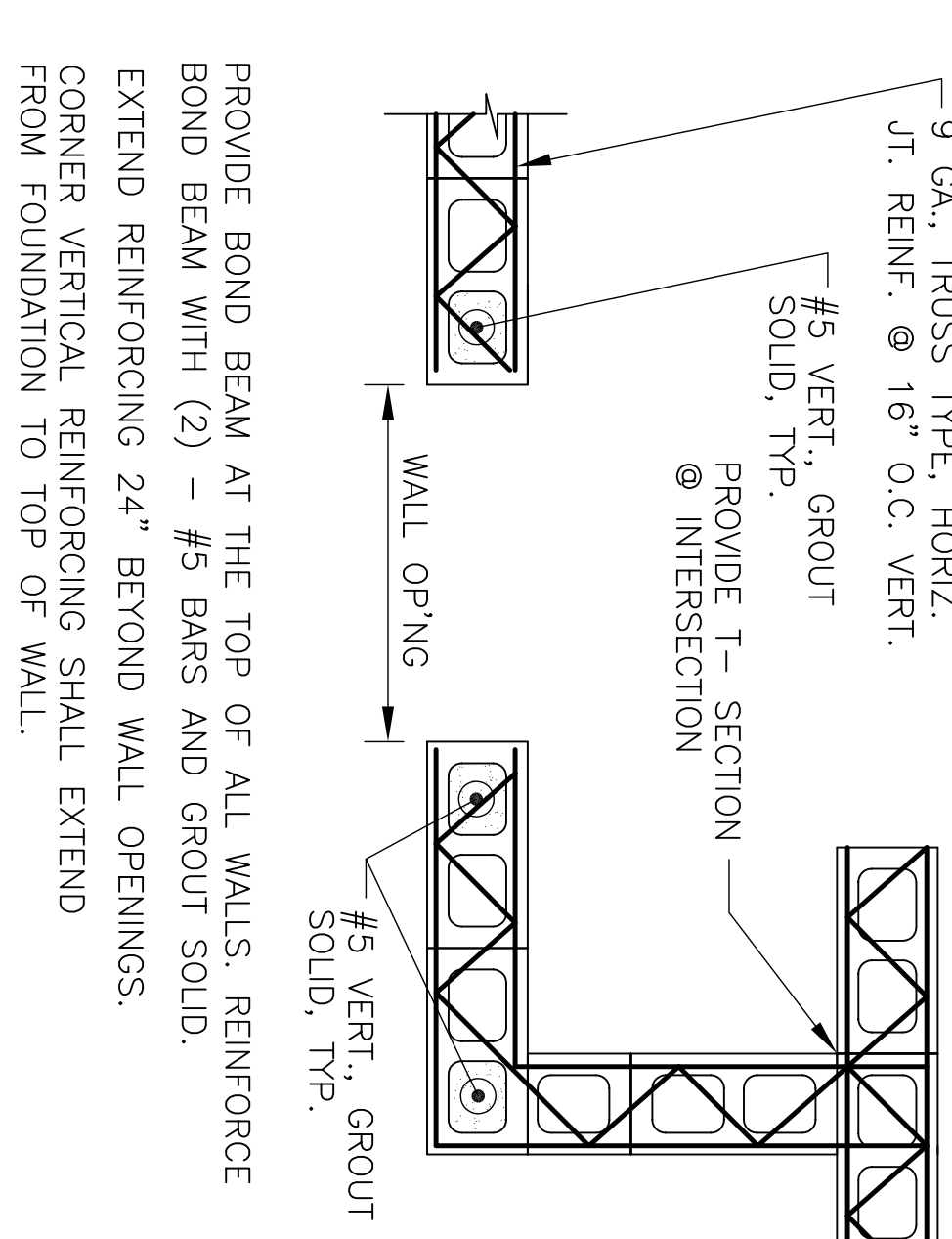
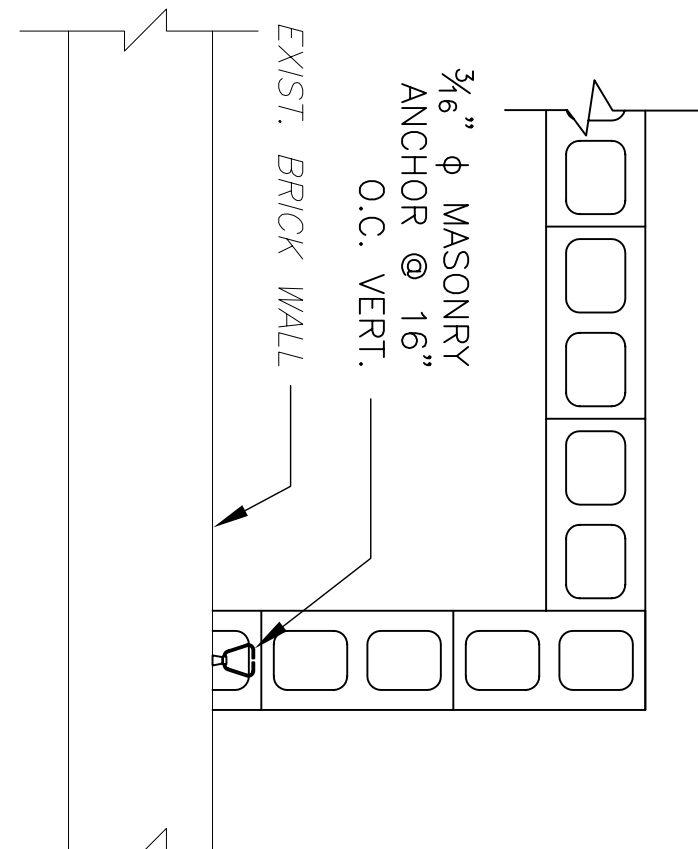
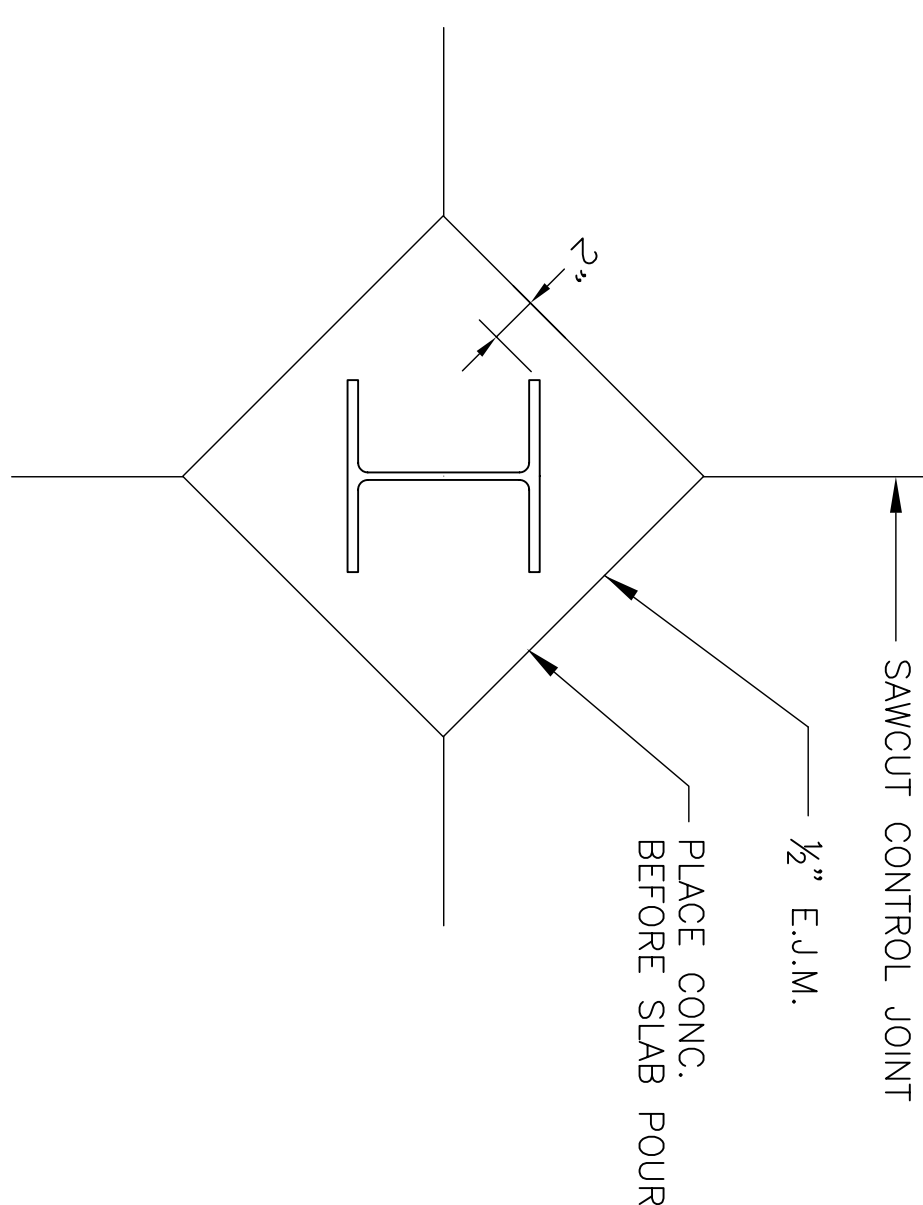
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N.T.S.

**SLAB-ON-GRADE CONSTR. JT. (C.S.J.)**  
N.T.S.

**SAWCUT CONTROL JT. (C.J.)**  
N.T.S.

**CONC. EQUIP. PAD**  
N.T.S.

**S.O.G. REINFORCEMENT**  
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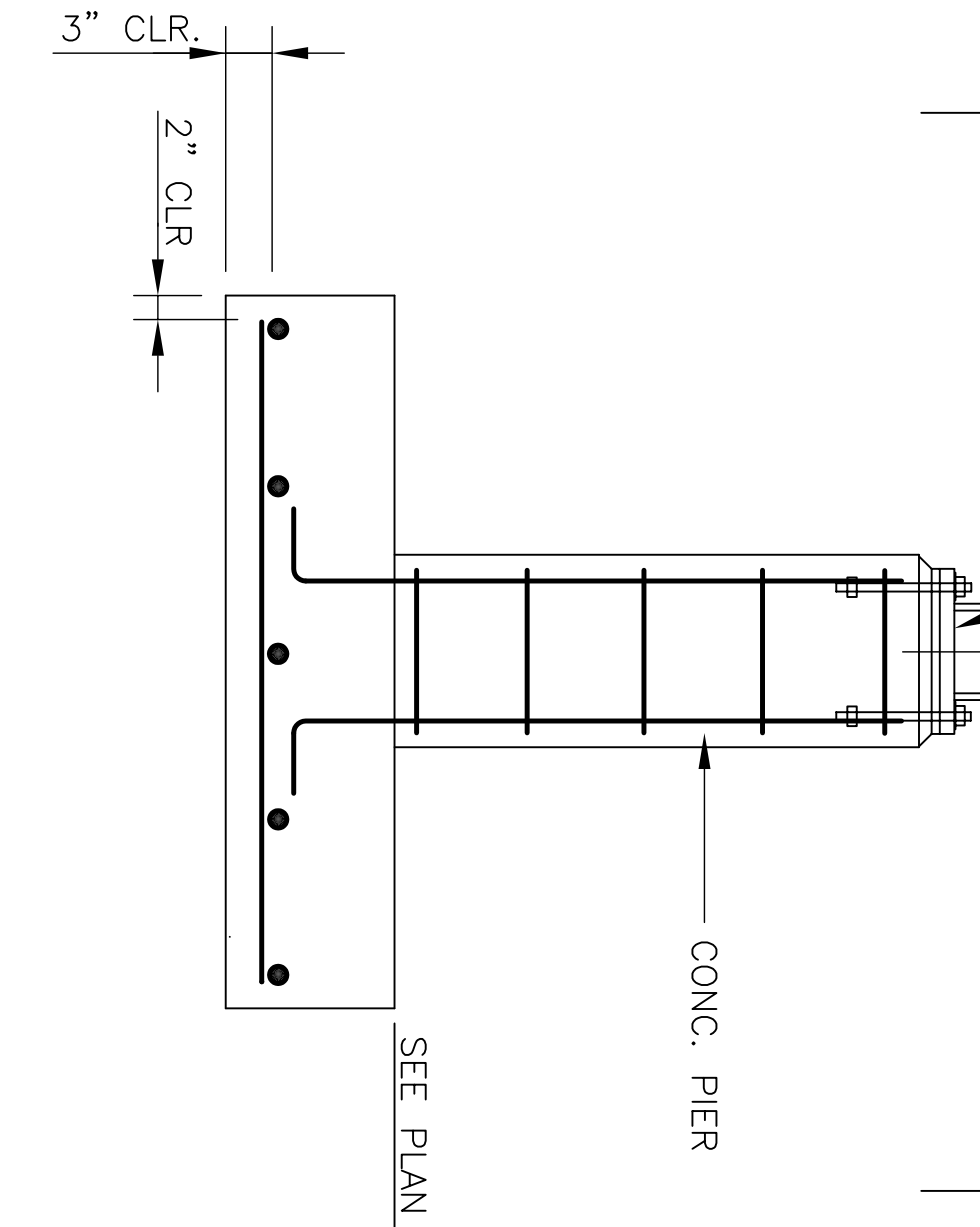
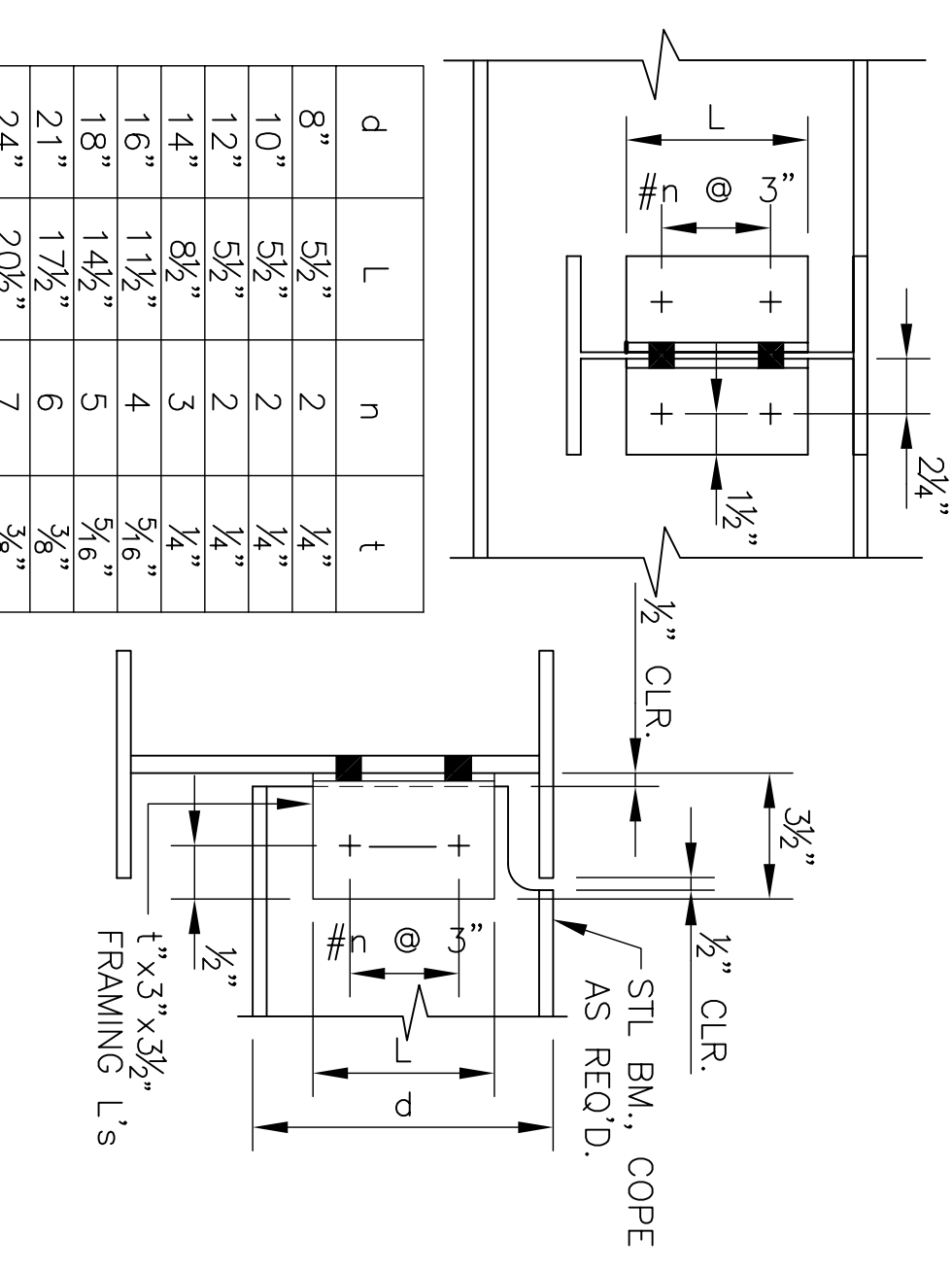
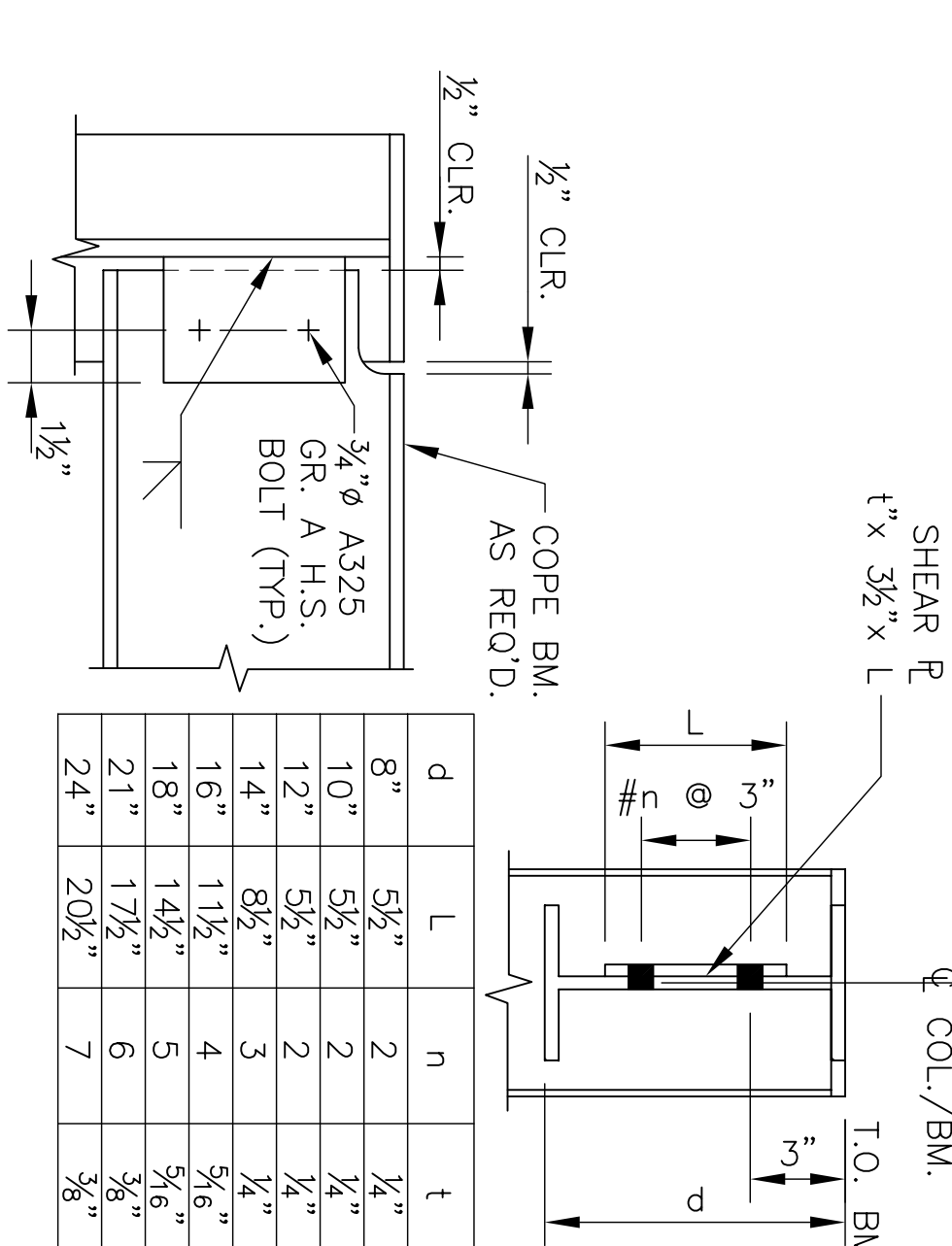
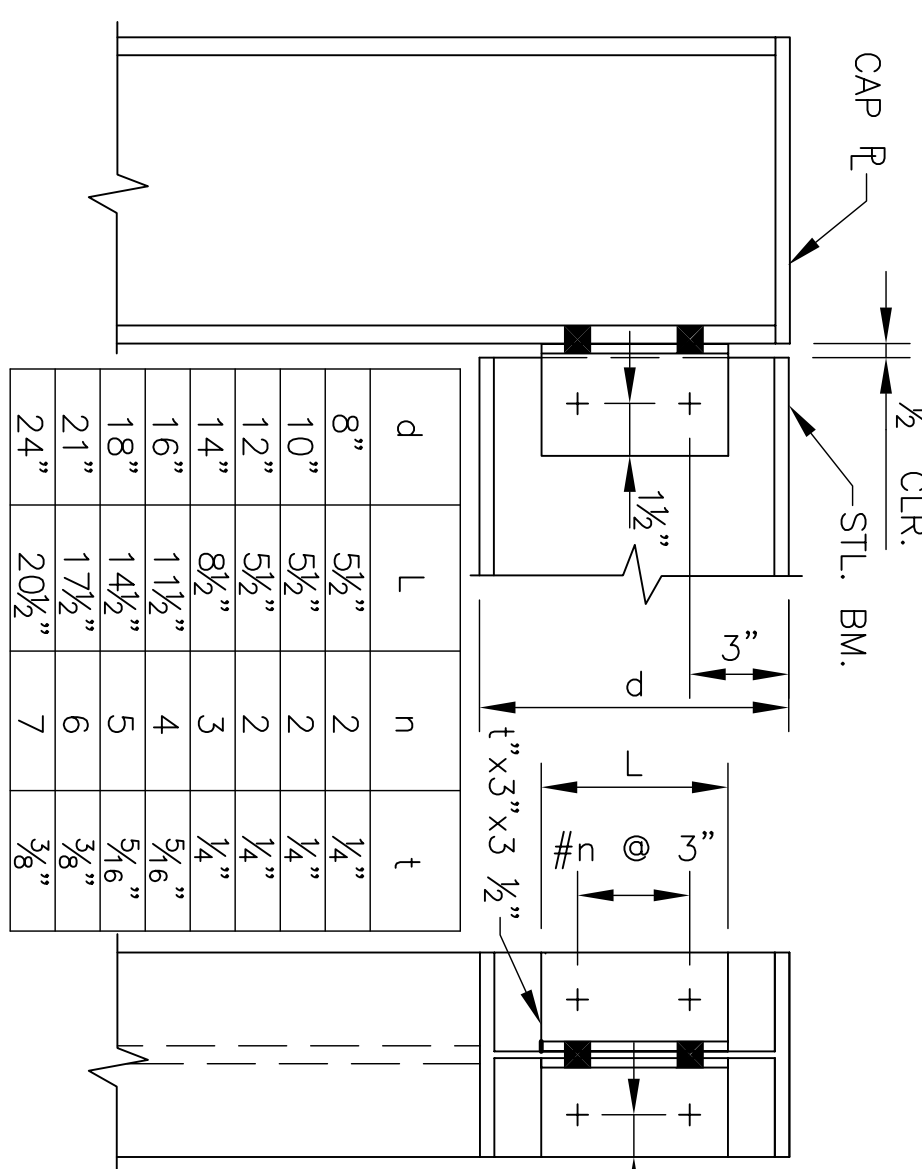
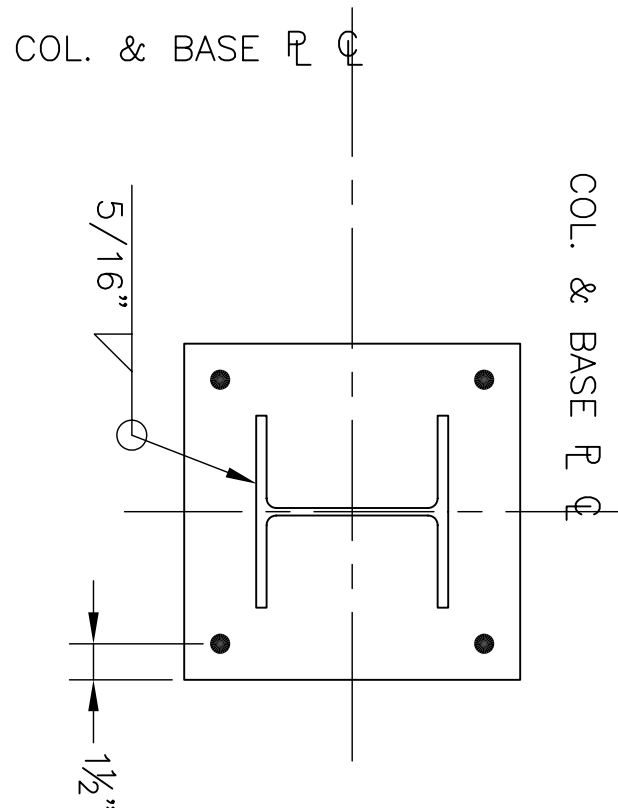


**COL. ISOLATION JOINT**  
N.T.S.

**CMU WALL TIE**  
N.T.S.

**CMU WALL REINF. PLAN**  
N.T.S.

**INTERIOR COLUMN FOOTING**  
N.T.S.



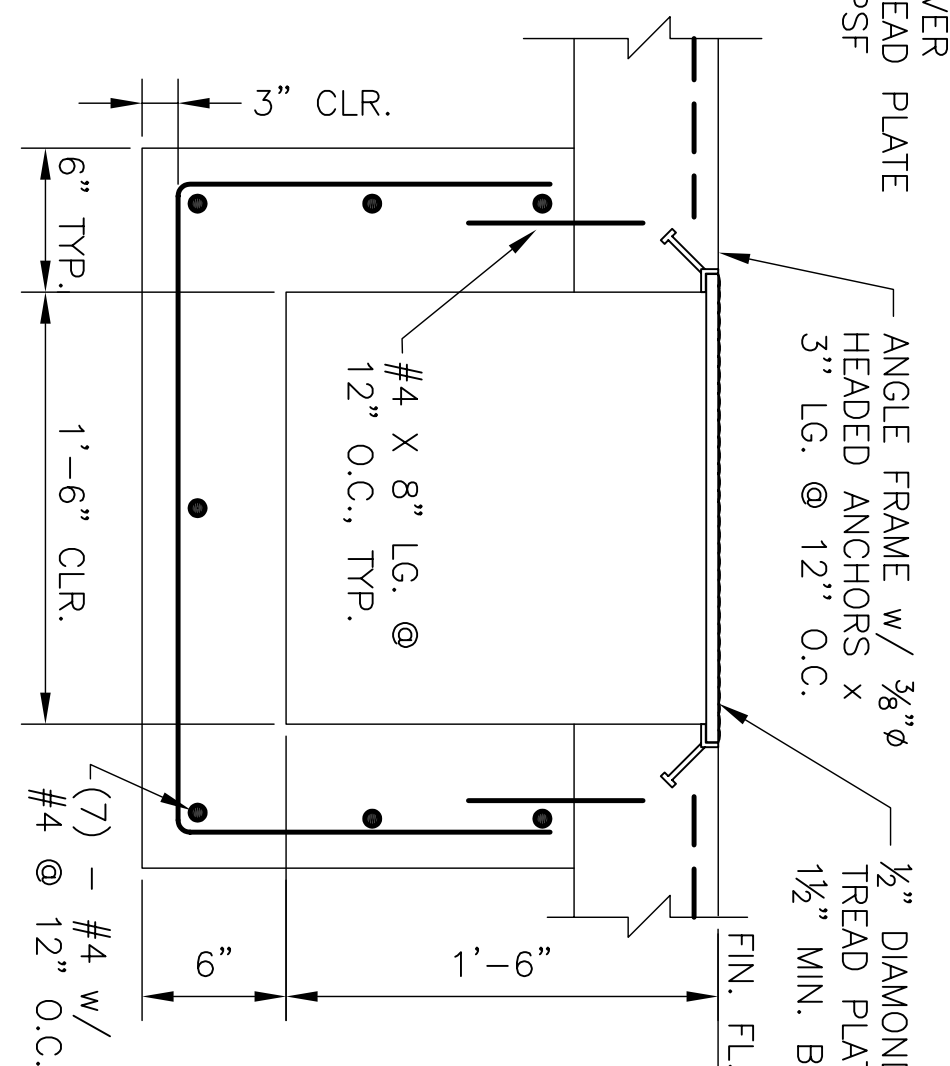
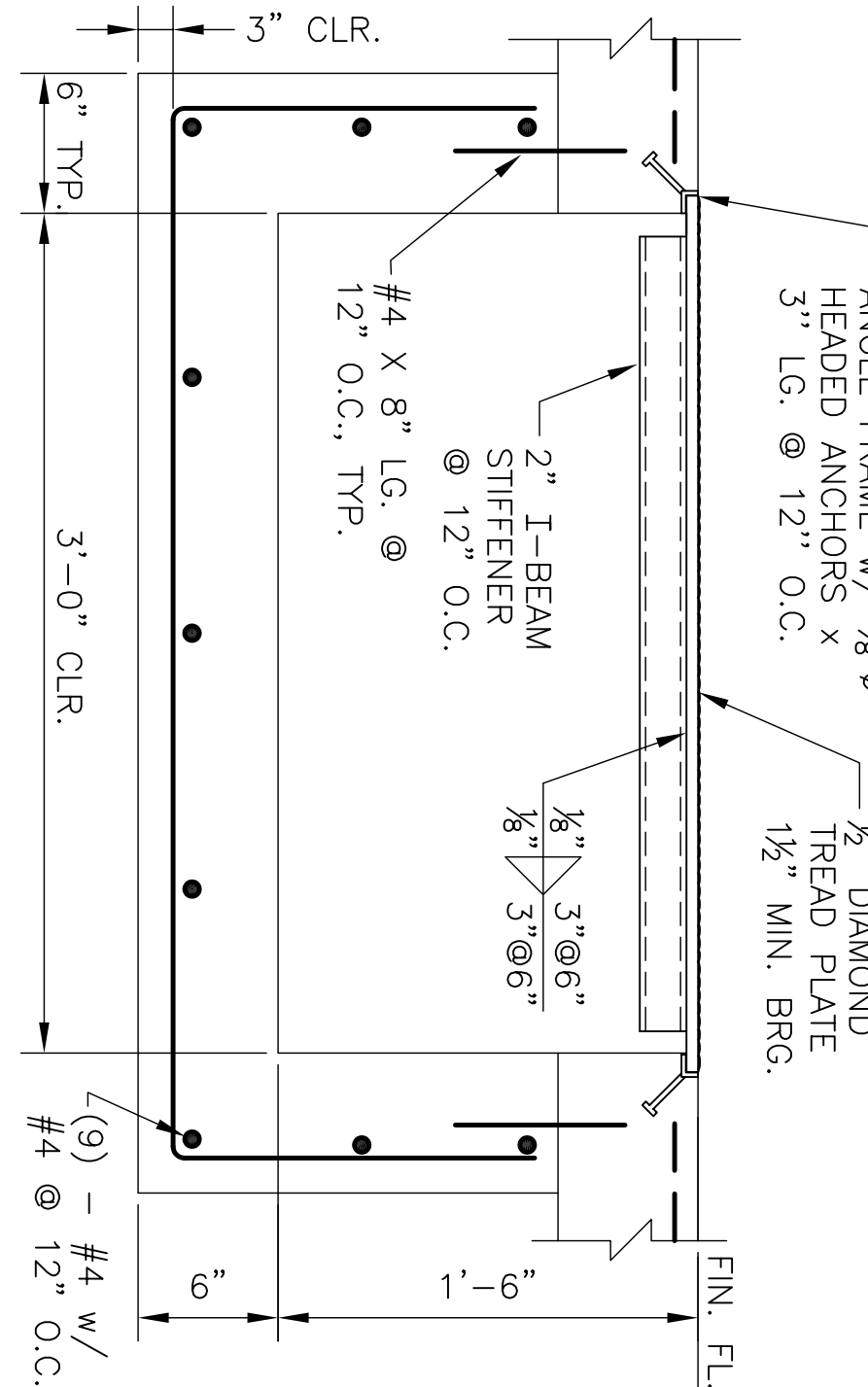
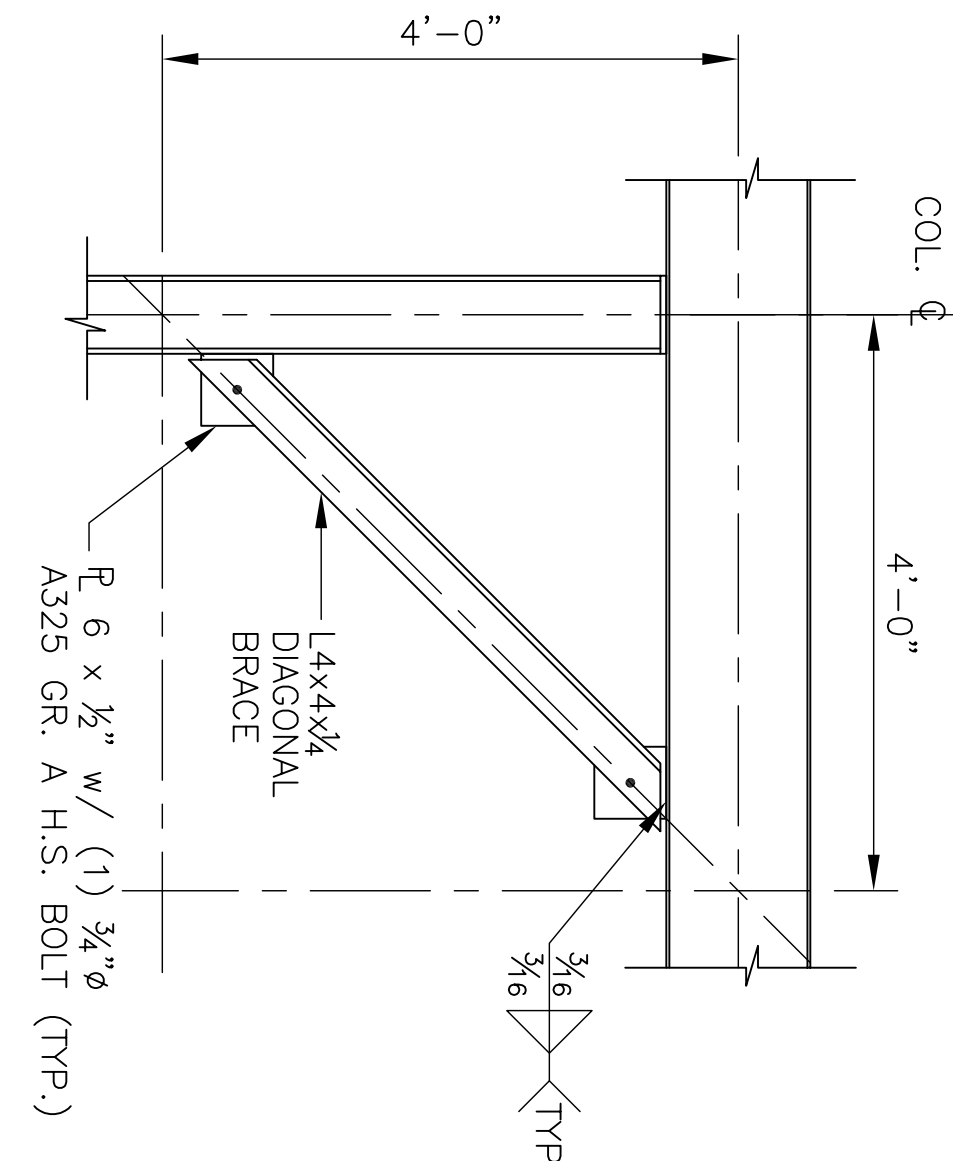
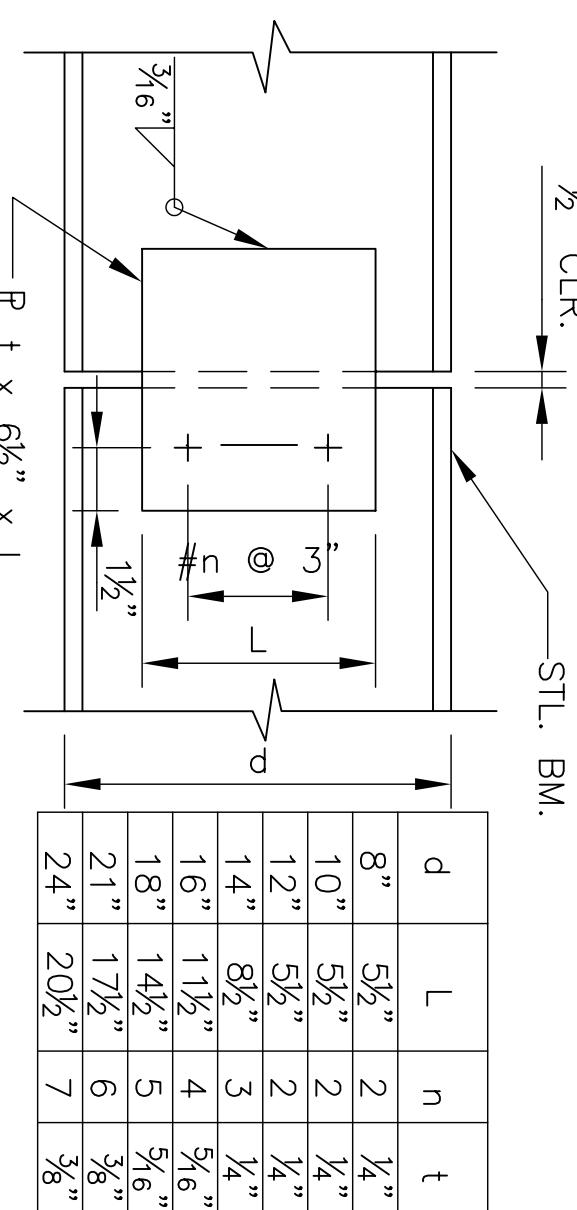
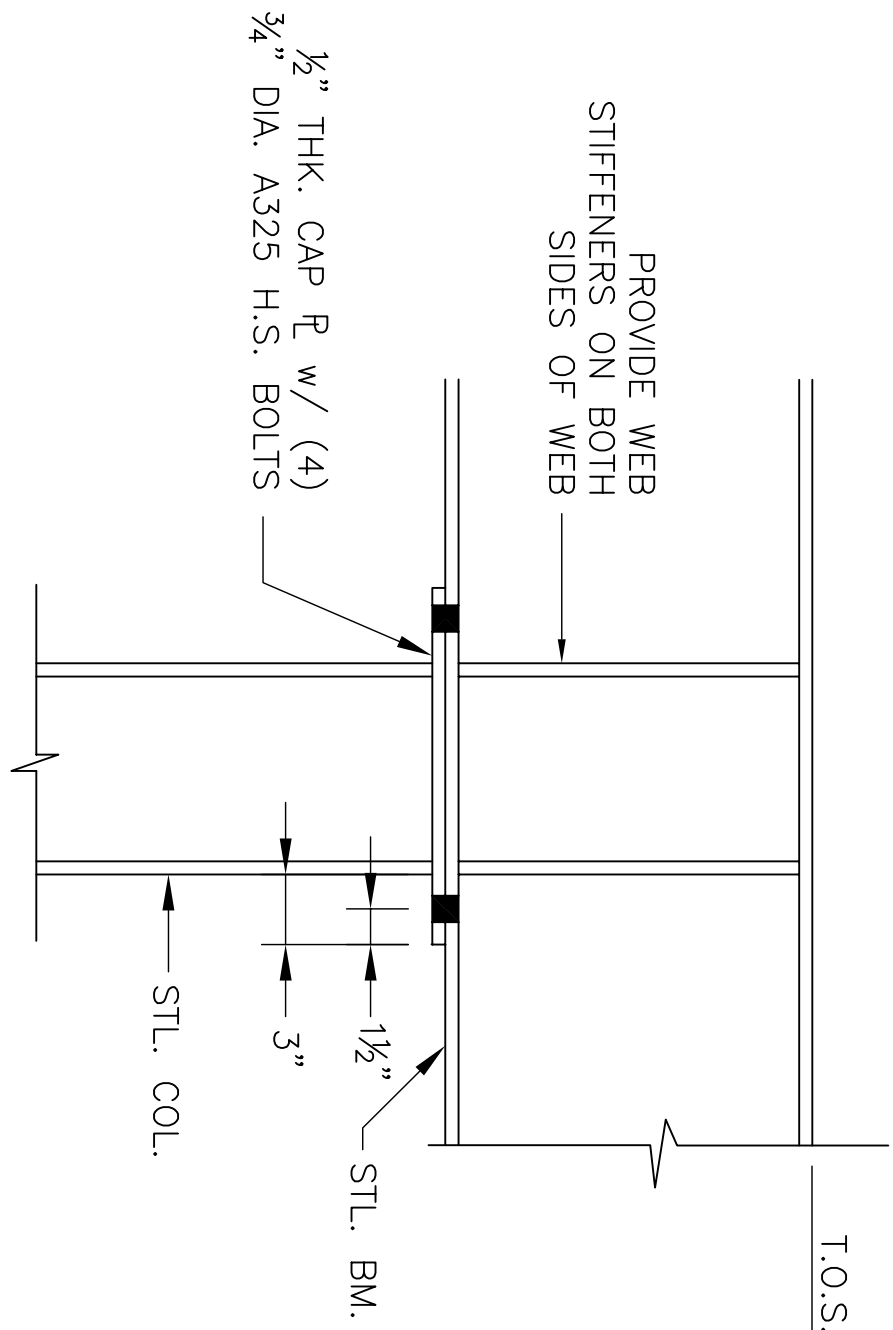
**COLUMN BASE PLATE**  
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**BM. TO COL. FLANGE SHEAR CONN.**  
N.T.S.

**BM. TO COL. WEB SHEAR CONN.**  
N.T.S.

**BM. TO GIRDER SHEAR CONN.**  
N.T.S.

**INTERIOR COL. & PIER FOOTING**  
N.T.S.



**CONT. BEAM OVER COLUMN**  
N.T.S.

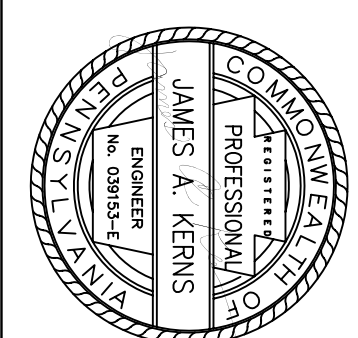
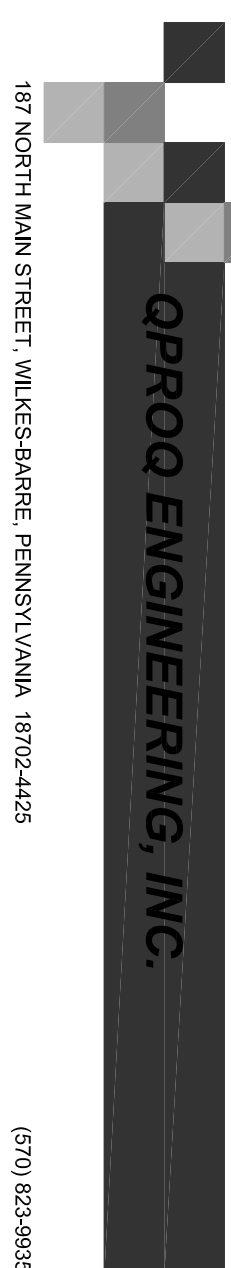
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**DIAGONAL BRACE**  
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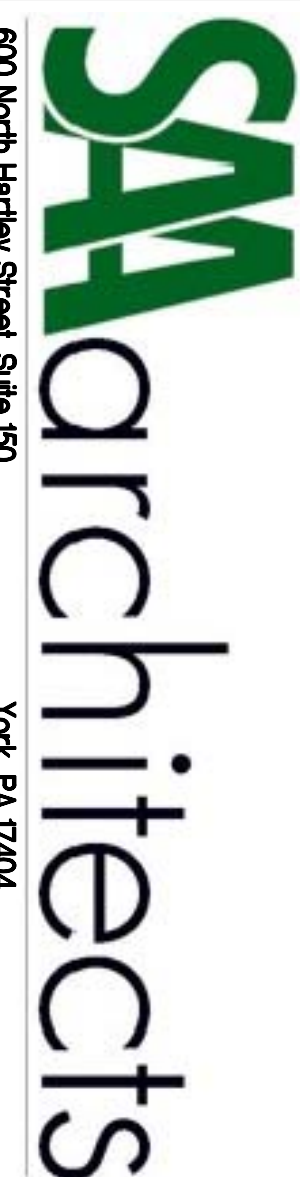
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SCALE: 1/2\"/>

**1 TRENCH COVER**  
SCALE: 1/2\"/>

**CONSULTANTS:**



**ARCHITECT/ENGINEERS:**



**SECTIONS AND DETAILS**

Approved Project Director

Project Title  
**BOILER PLANT UPGRADE PHASE V**

Location  
**YAKM MARTINSBURG, WV**

Date  
**10.22.13**

Checked  
**JKK**

Drawn  
**KMG**

Project Number  
**618-12-501**

Sheet Number  
**320**

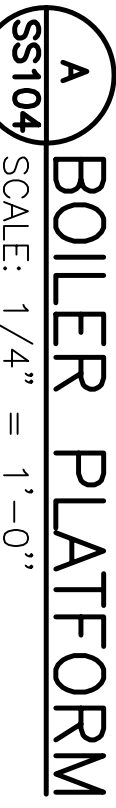
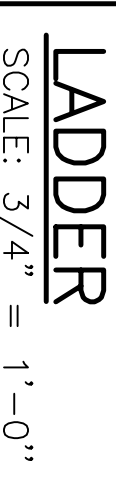
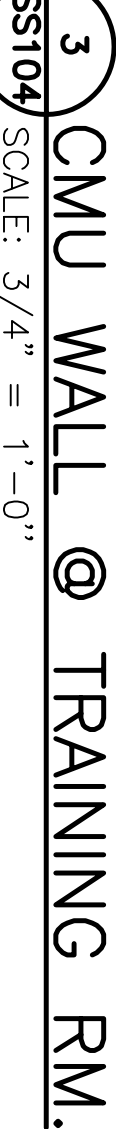
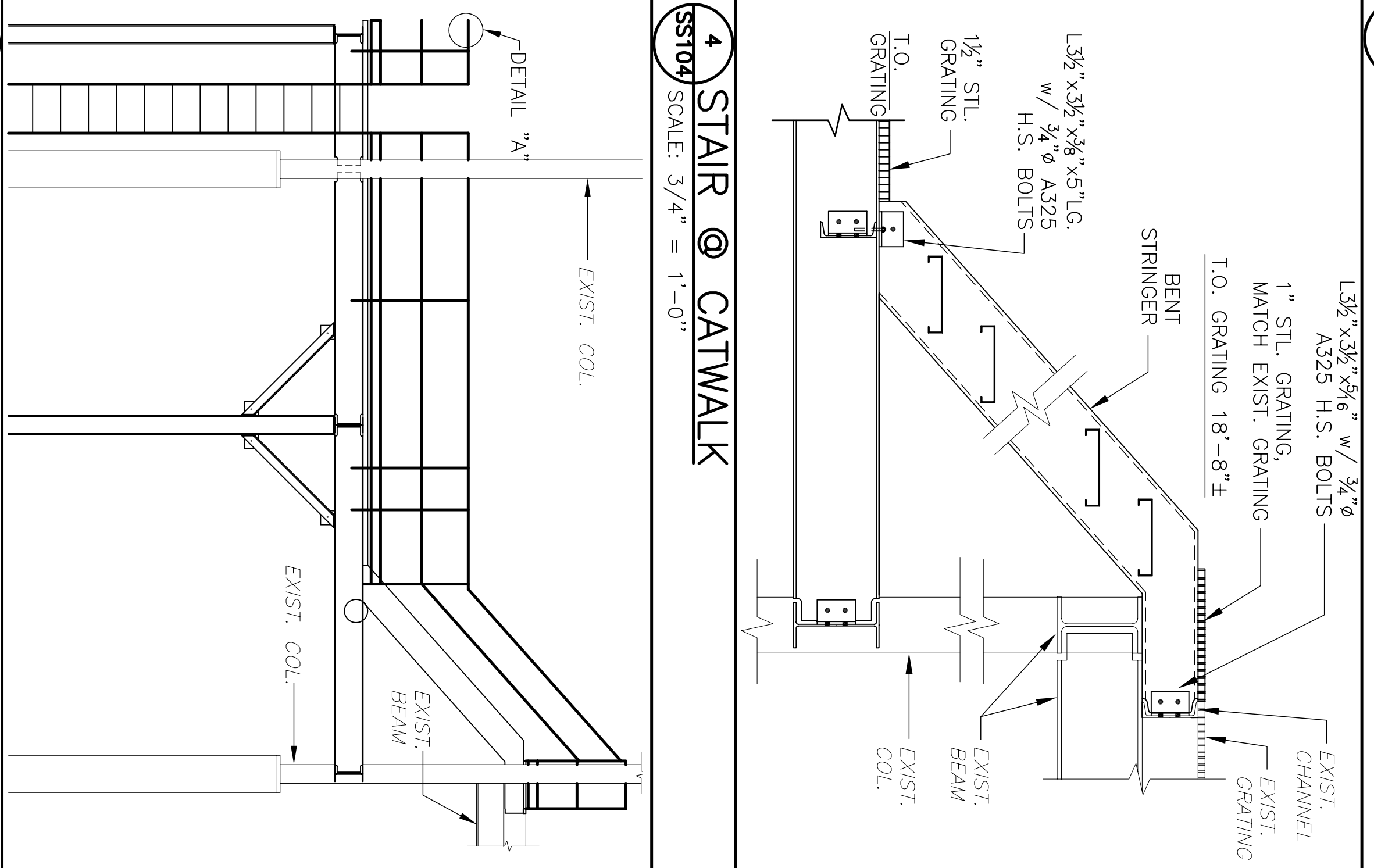
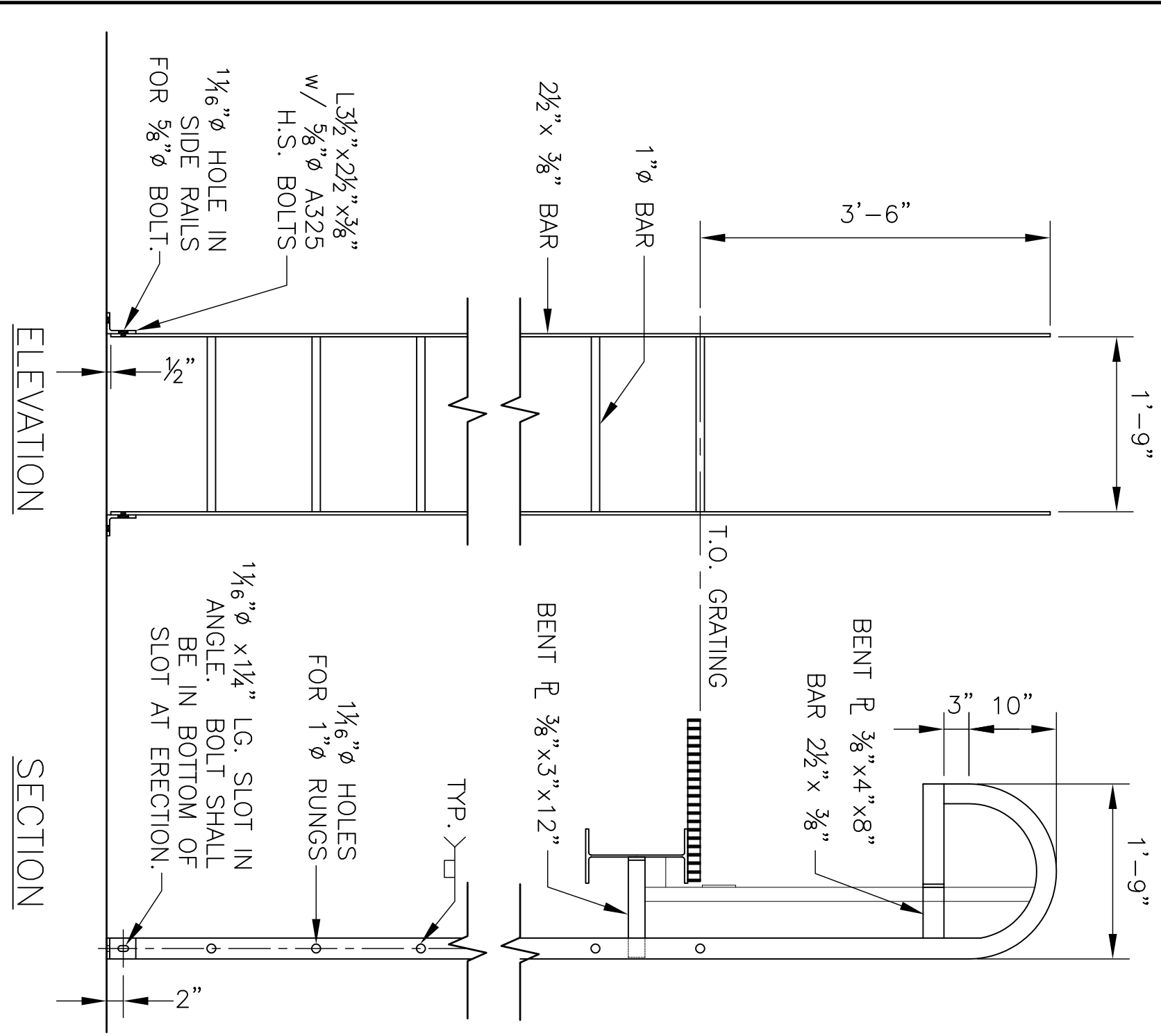
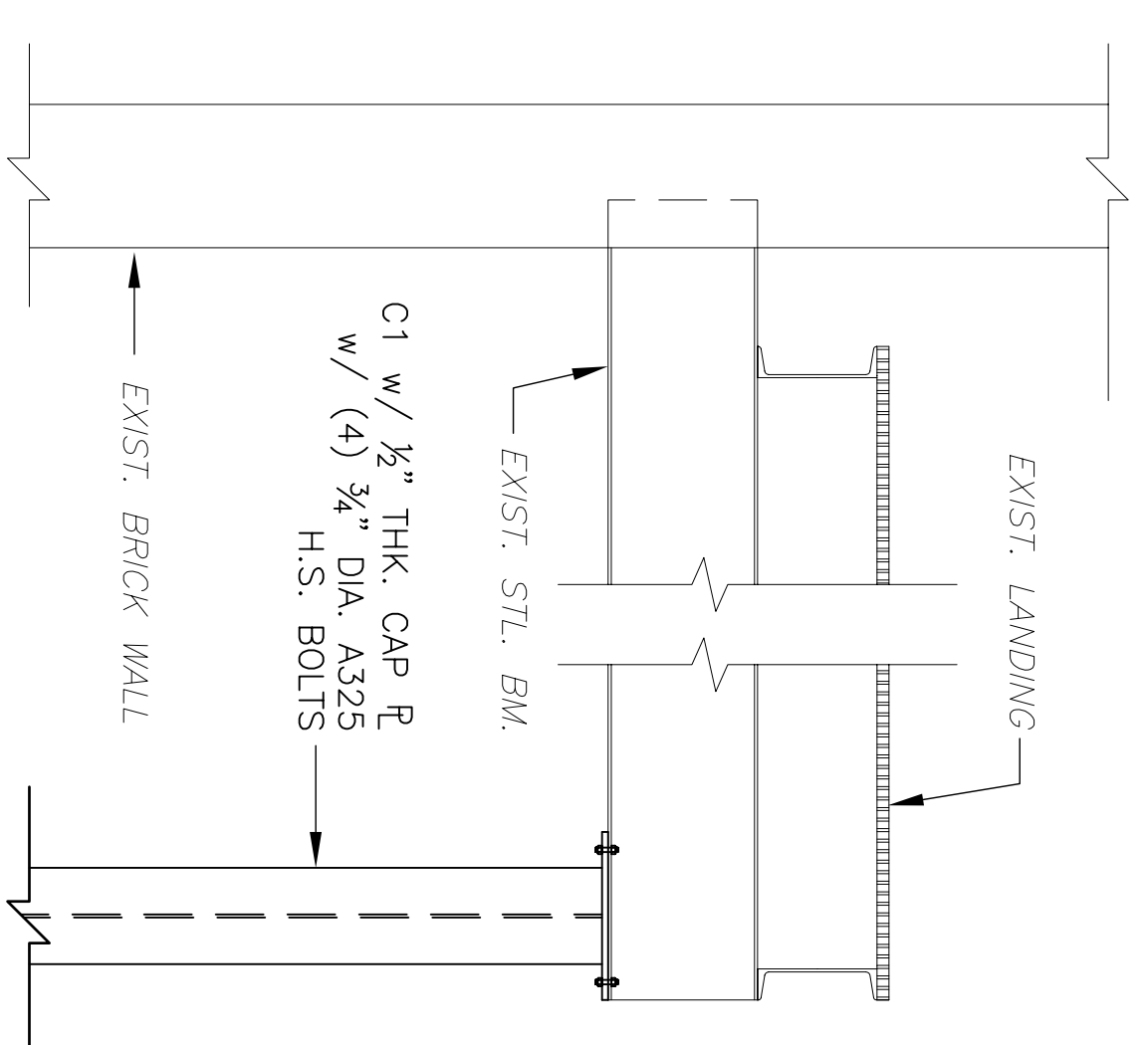
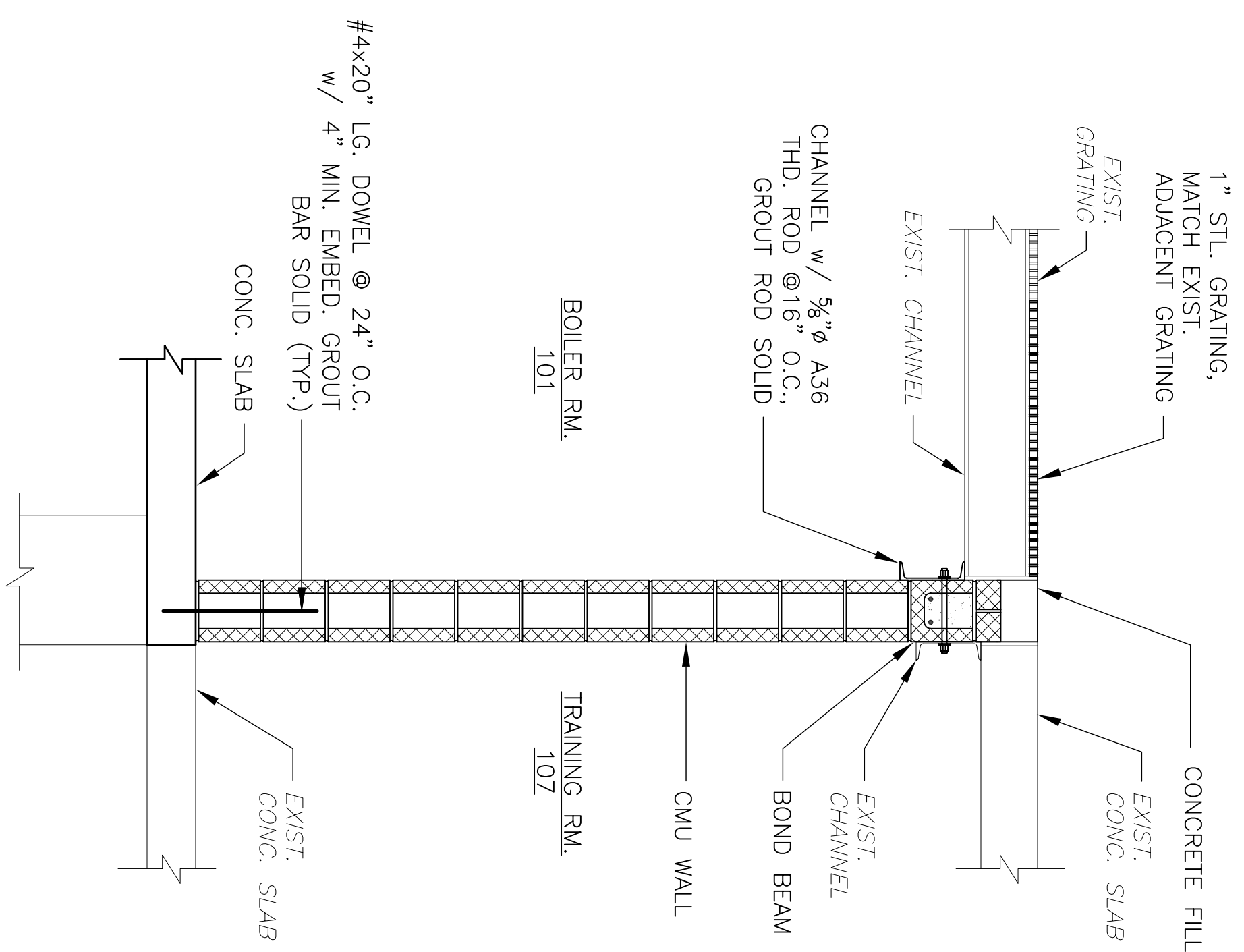
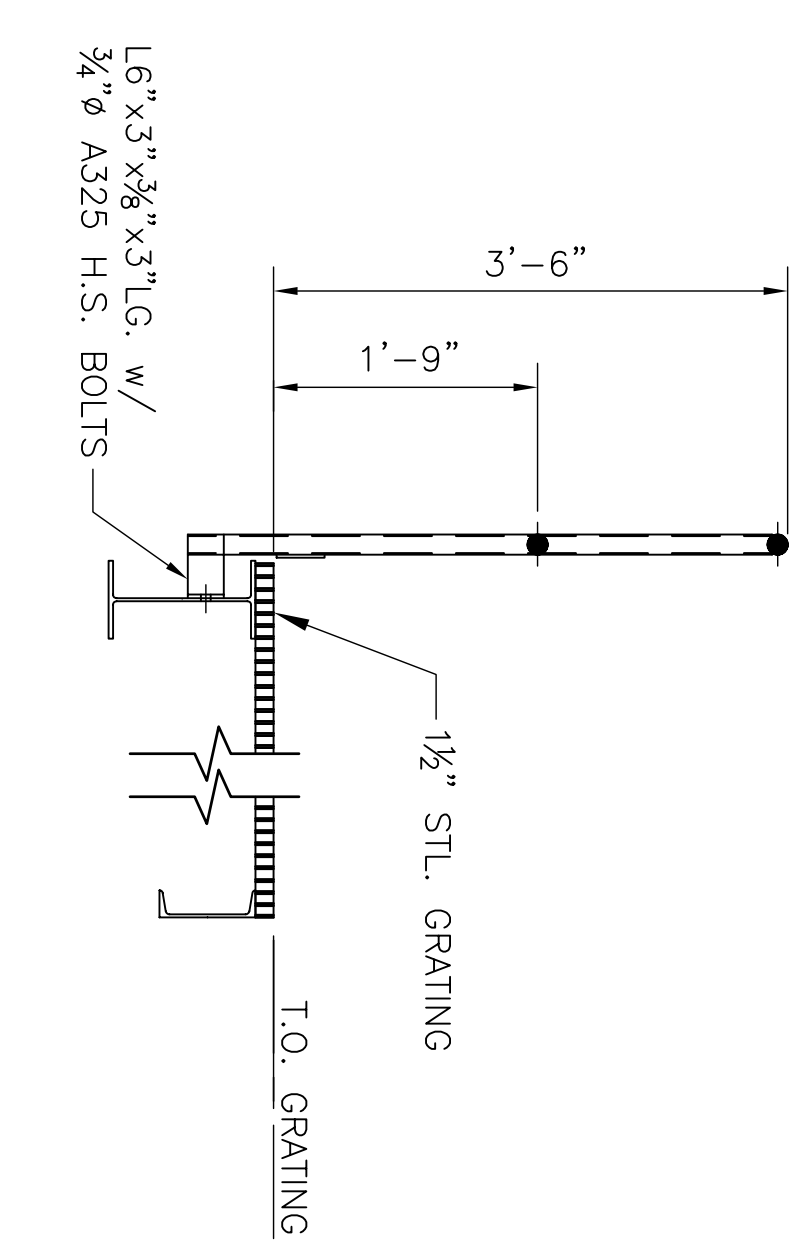
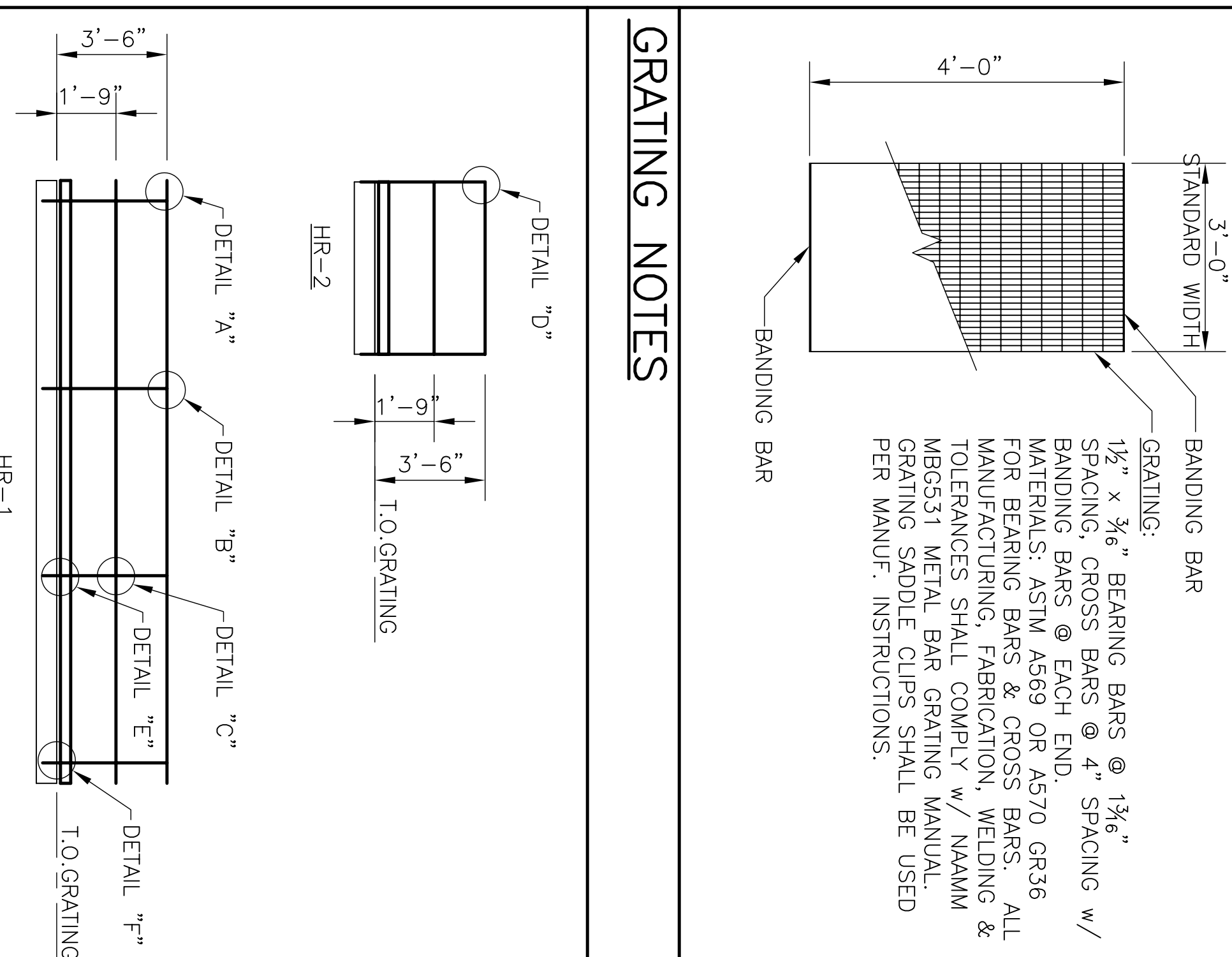
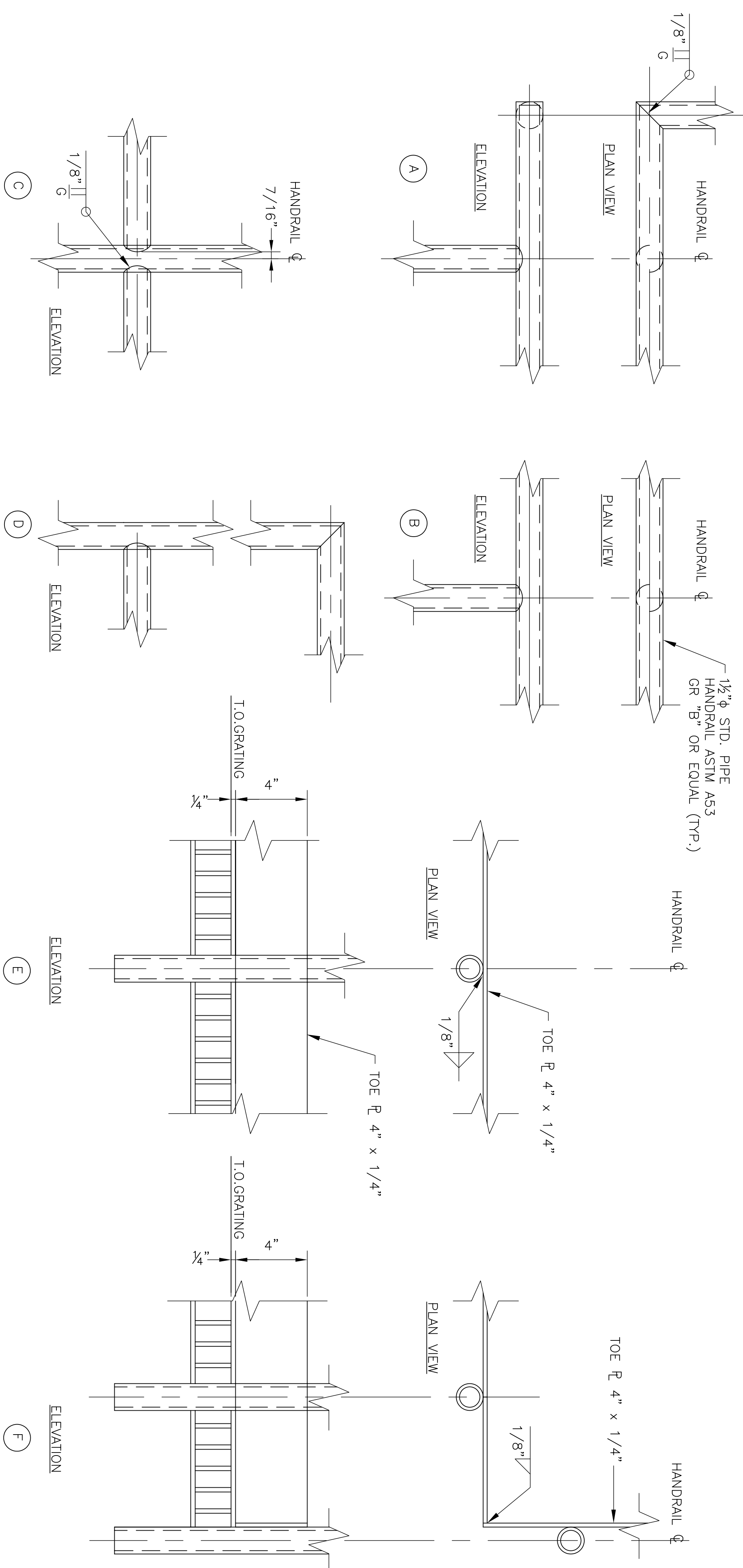
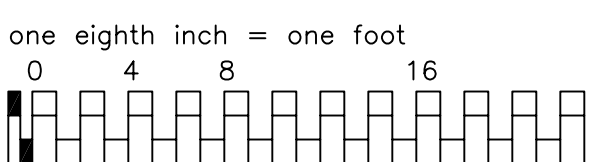
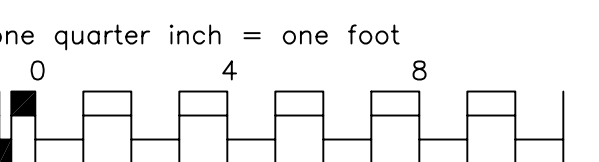
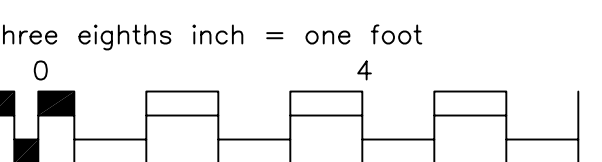
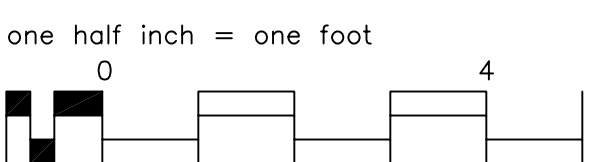
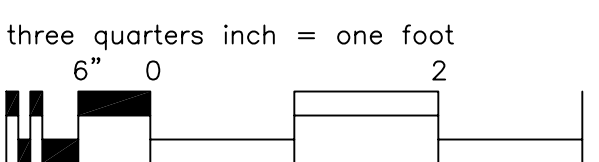
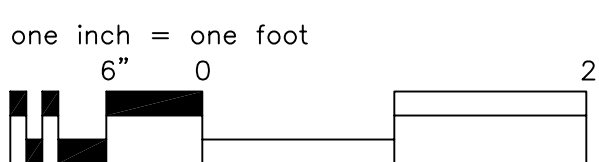
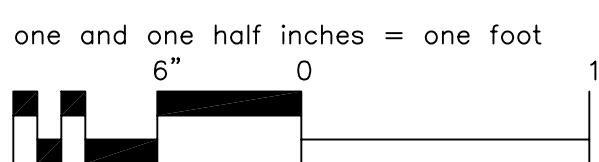
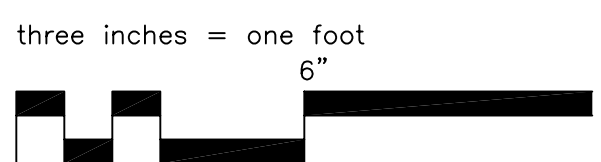
Drawing Number  
**320-SS103**

Dwg  
**18 of 44**

Office of  
**Construction and Facilities Management**





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