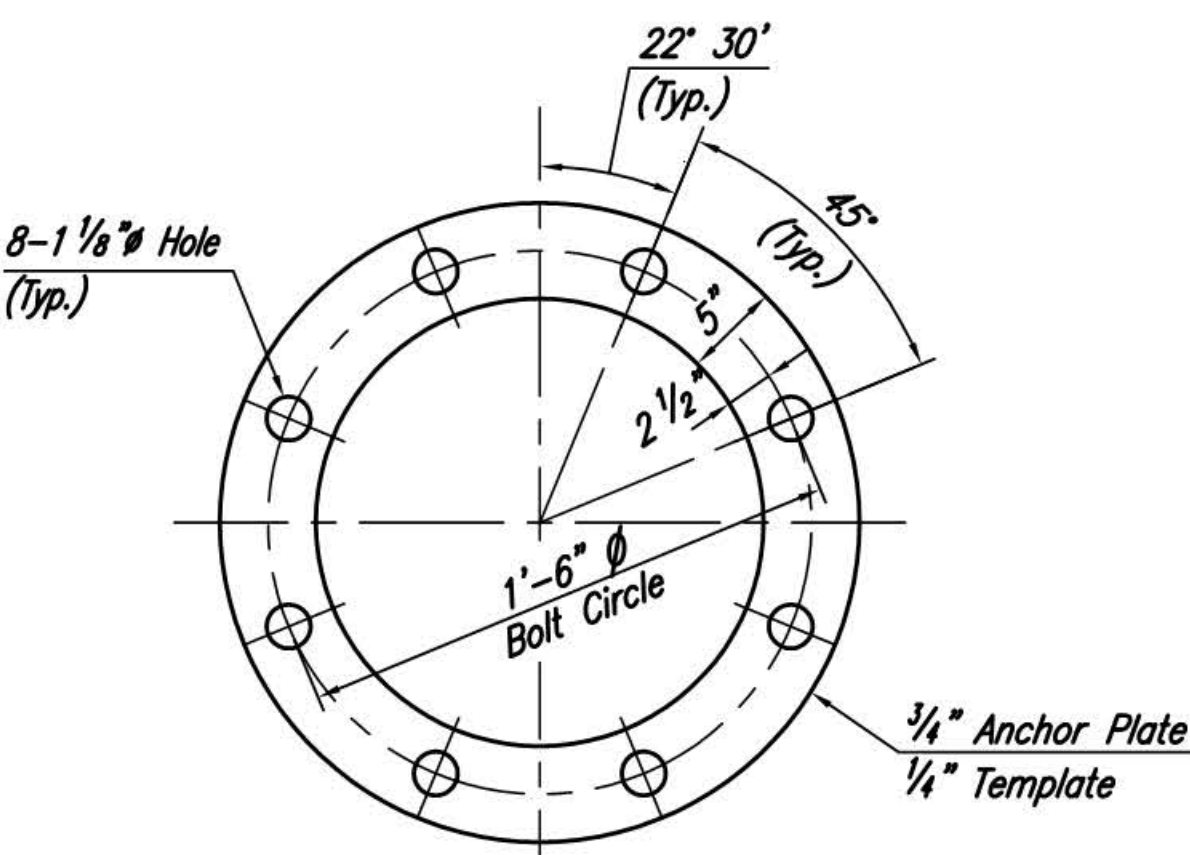
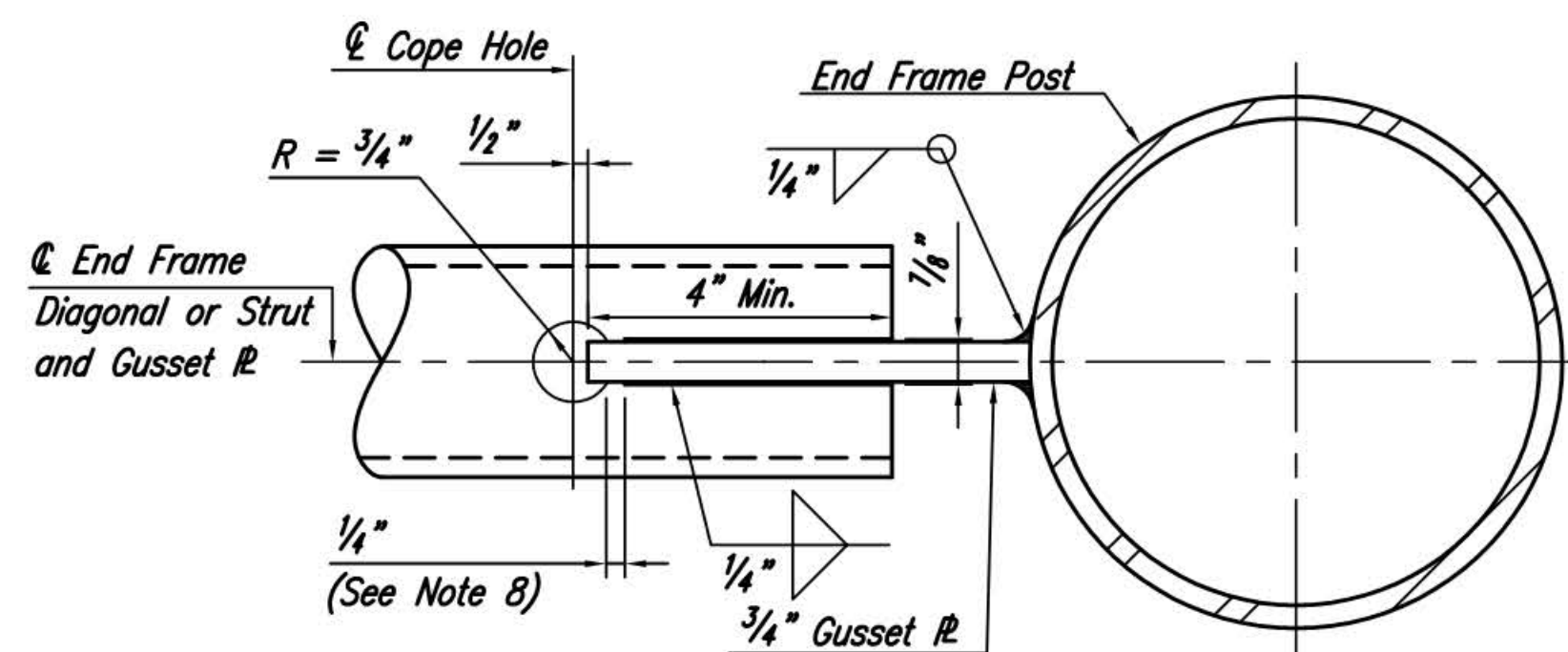


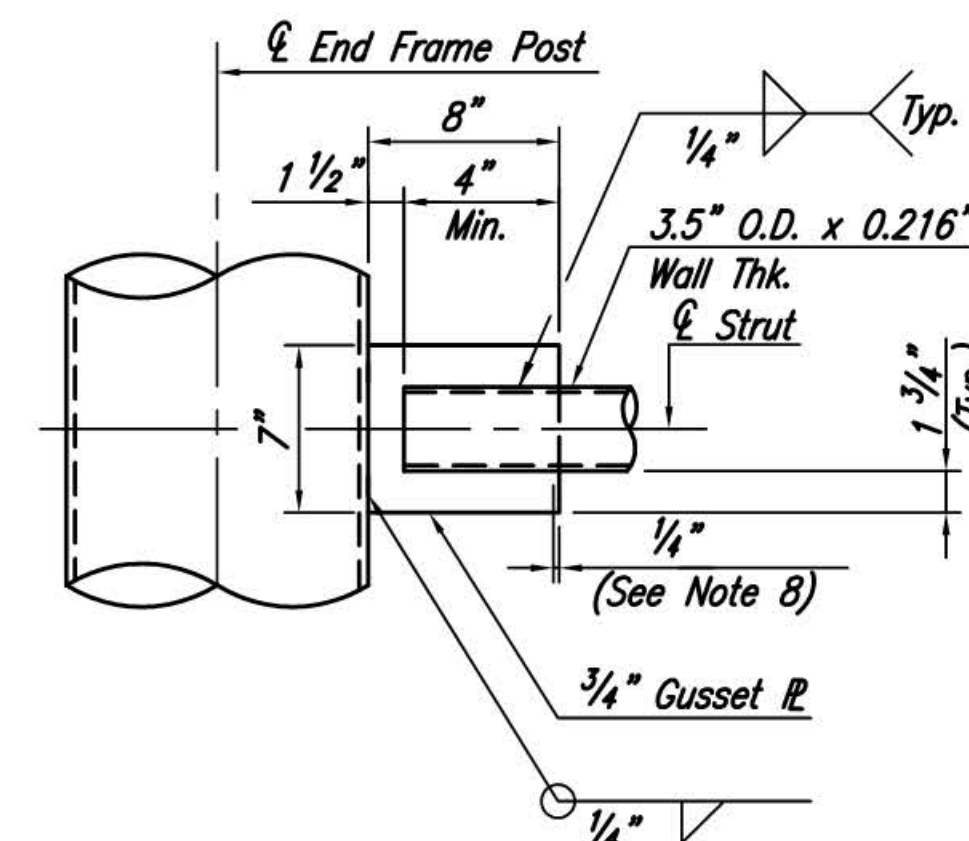
**END FRAME DETAIL**  
1/2" = 1'-0"



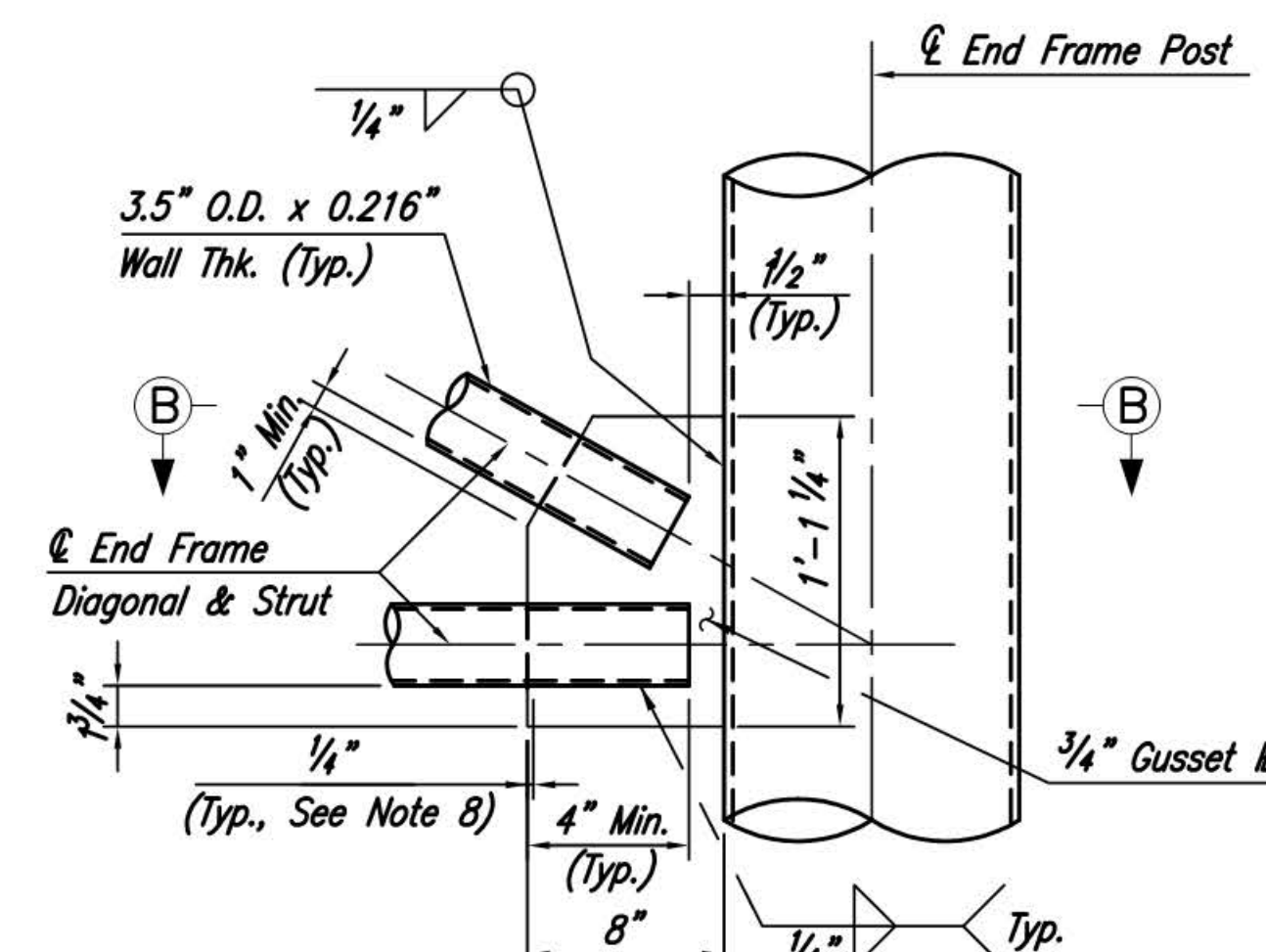
**ANCHOR PLATE & TEMPLATE DETAIL**  
N.T.S.



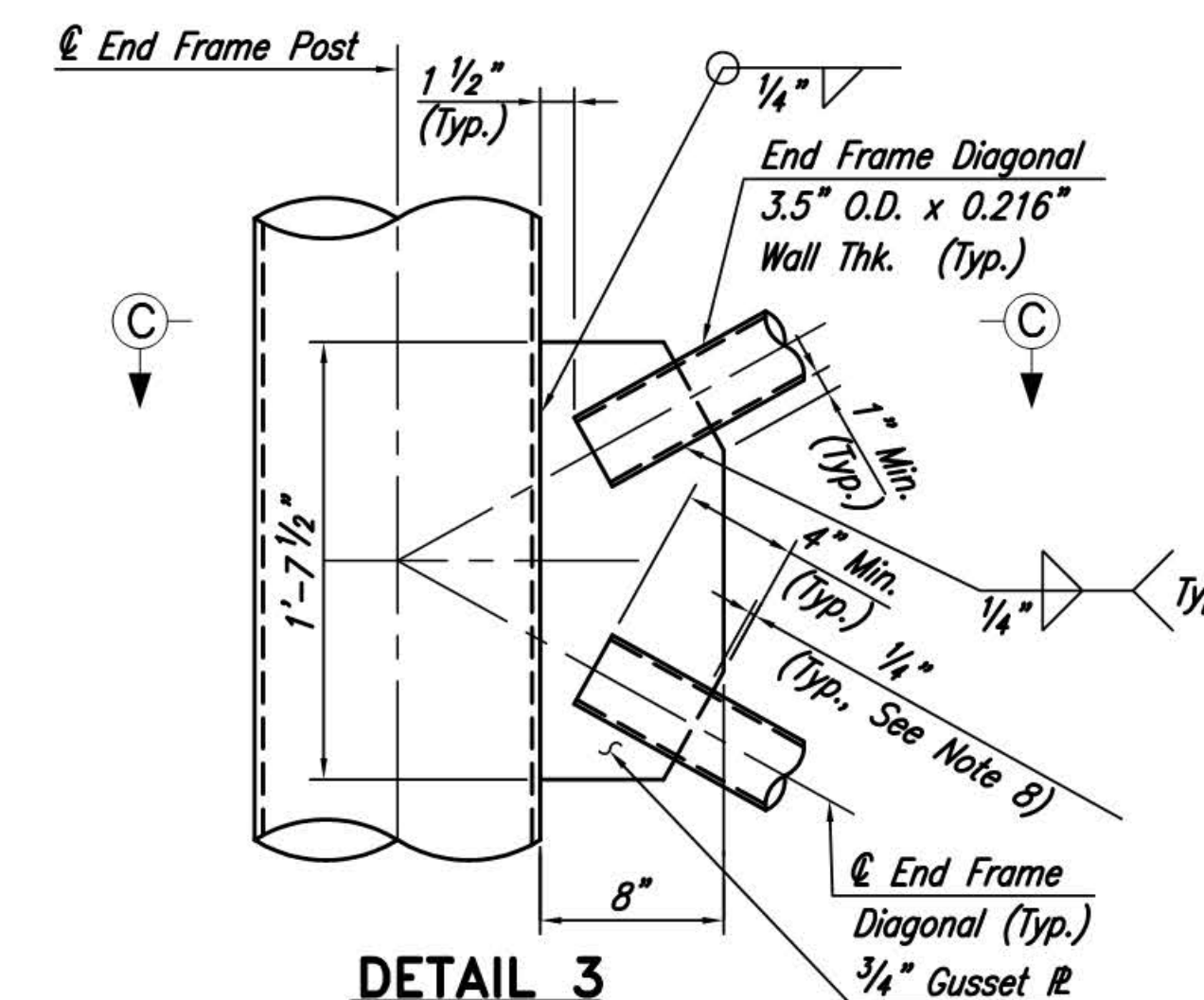
**SECTIONS B-B & C-C**  
N.T.S.  
(Section C-C Opposite Hand)



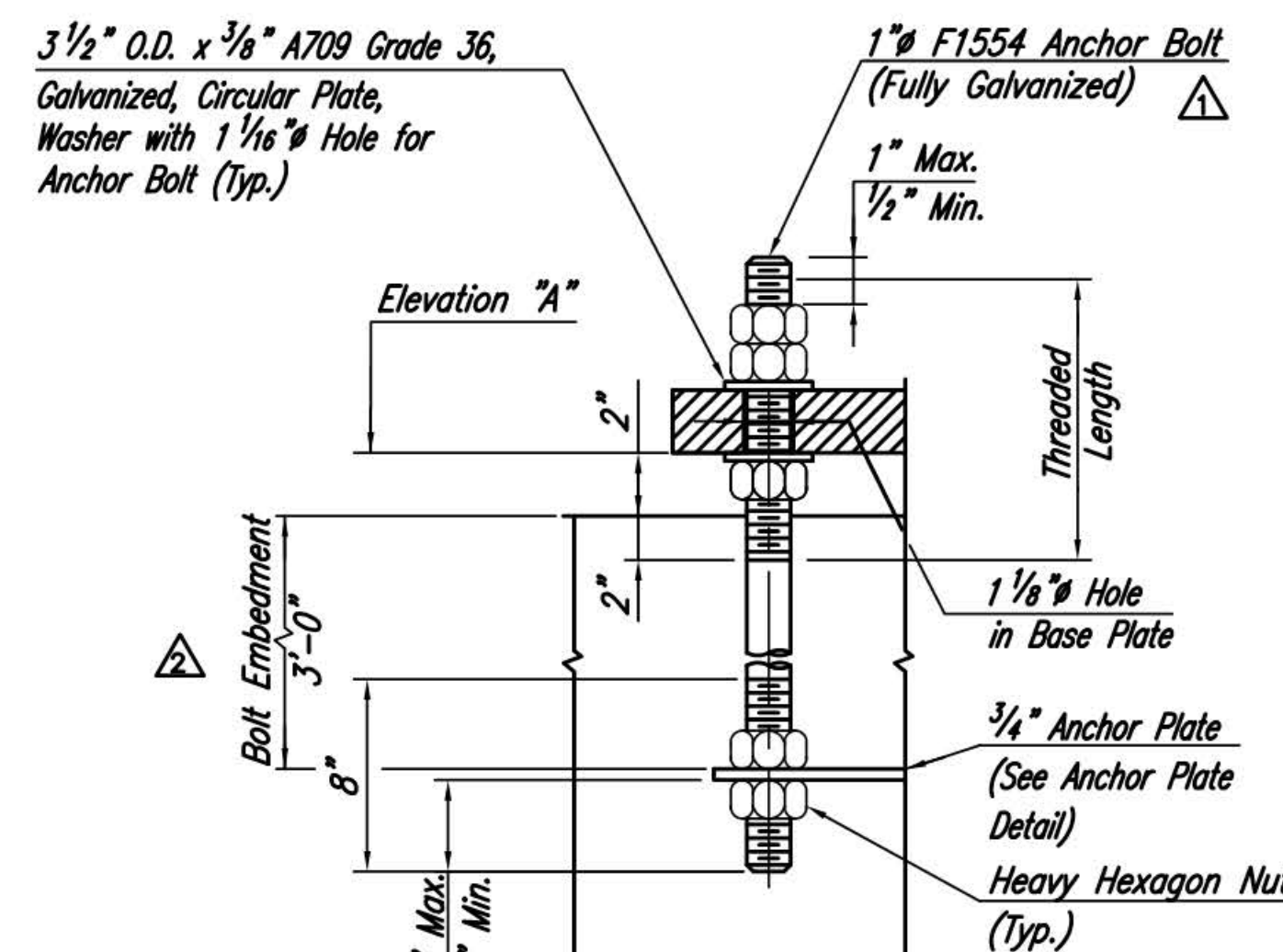
**DETAIL 1**  
1 1/2" = 1'-0"



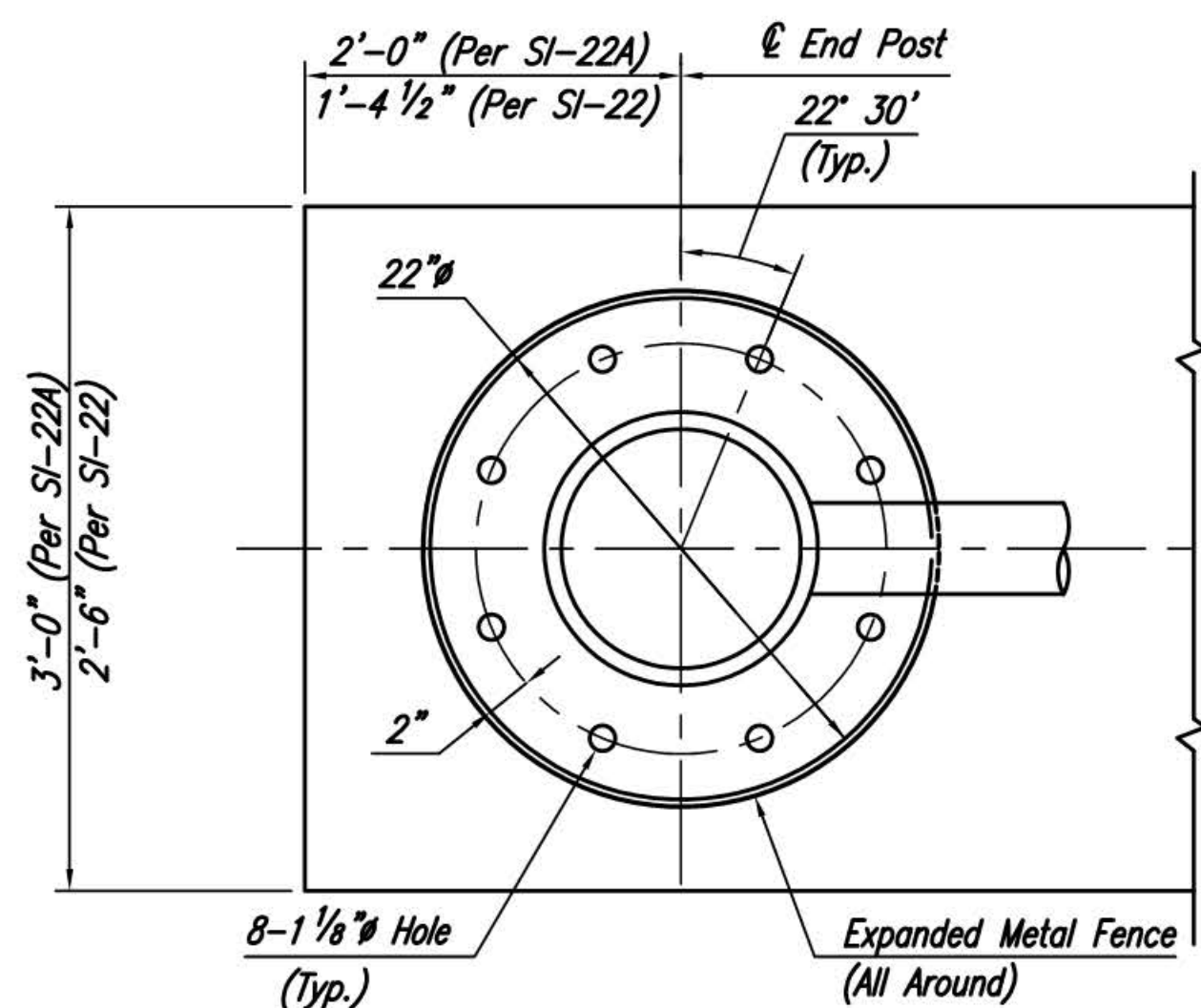
**DETAIL 2**  
1 1/2" = 1'-0"



**DETAIL 3**  
1 1/2" = 1'-0"

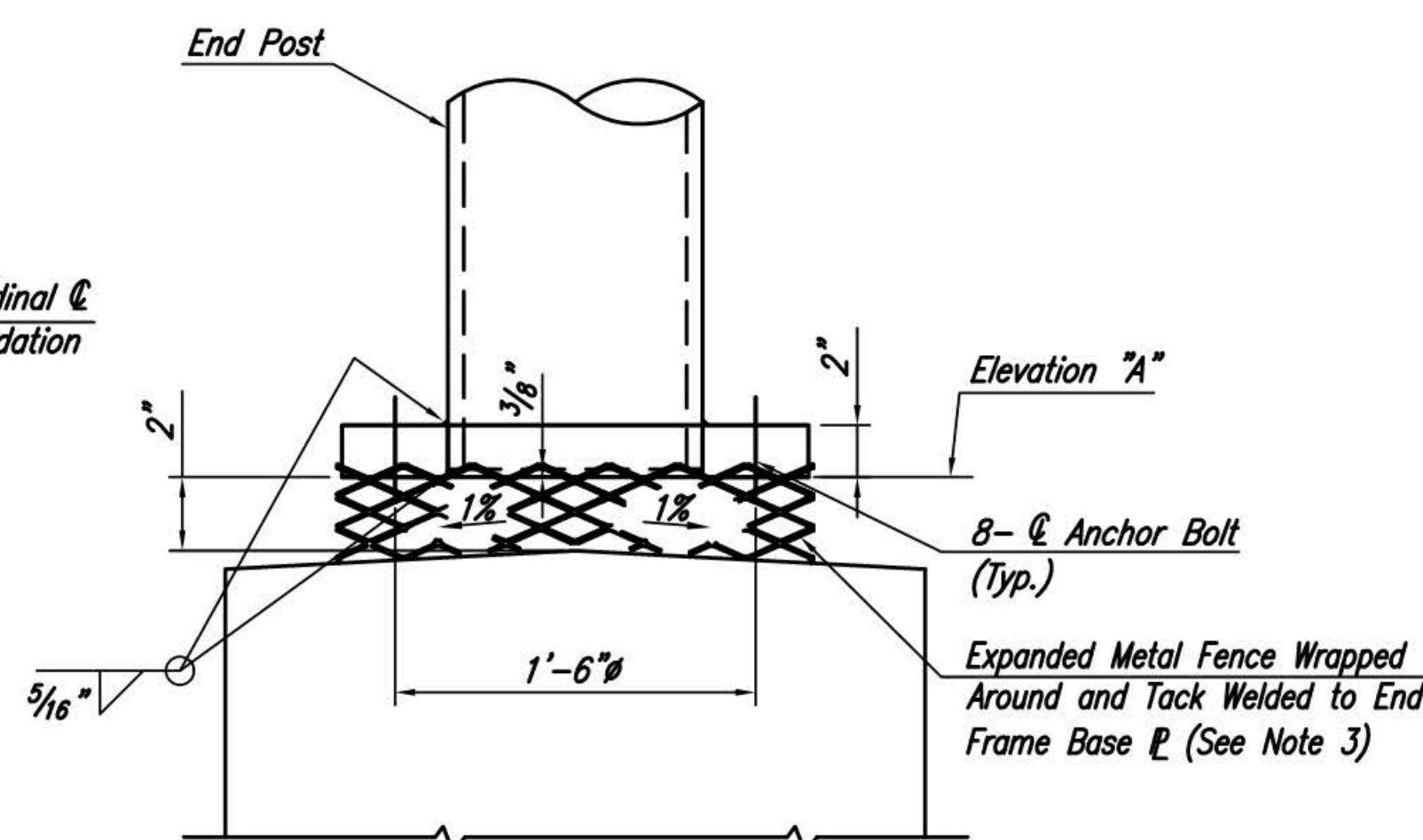


**ANCHOR BOLT DETAIL**  
1 1/2" = 1'-0"



**PLAN VIEW**

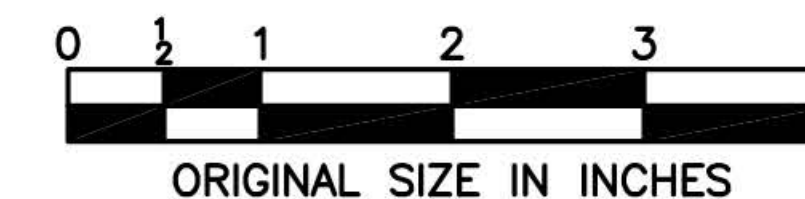
**BASE PLATE DETAILS**  
N.T.S.



**ELEVATION VIEW**

**NOTES:**

1. Sign support structures shall conform to Section 406.
2. Elevation "A" shall be 4'-0" Min. above the high point of the roadway cross section and shall be the same for both pedestals of each structure.
3. Expanded Metal Fence shall be Amico "Secura Fence" Model # ASF 1.5-9R, Galvanized in accordance with ASTM A123, and as manufactured by:  
Amico  
3245 Fayette Avenue  
Birmingham, AL 35208  
1-800-366-2642  
www.amico-securityproducts.com
4. For Truss Connection Details, see Standard Drawing SI-16A.
5. Structural steel plates and shapes shall conform to the requirements of ASTM A709, Grade 50W unless otherwise noted.
6. Pipe for sign support structures shall meet the requirements of either ASTM A714 or ASTM A847. As an alternate, cylindrical tubes produced by forming and longitudinally seam welding steel plates conforming to the requirements of ASTM A709, Grade 50W (A588) or ASTM A242 may be used. Only one longitudinal seam weld permissible per post.
7. For Details 4 and 5 and Removable Cap Details, see Standard Drawing SI-17B.
8. Welds for 3.5" O.D. with 0.216" wall thickness pipe to gusset plate connections shall be terminated 1/4" from the edge of the gusset plate.
9. A single anchor bolt template fabricated of 1/4" thickness structural steel (ASTM A709, Grade 36) shall be furnished for each overhead sign structure. The template shall be used by the Contractor to simultaneously align the sixteen (16) anchor bolts prior to pouring the foundation concrete. Structural steel angles (ASTM A709, Grade 36) shall be used, as necessary, to stiffen the template and assure that the bolt patterns are aligned properly while maintaining the 8'-3" center to center end post spacing.
10. For spread footings and driven pile foundation, see Standard Drawing SI-22. For drilled shaft foundations, see Standard Drawing SI-22A.



NEW JERSEY TURNPIKE AUTHORITY  
NEW JERSEY TURNPIKE

SPAN TYPE SIGN STRUCTURE  
(STEEL)  
END FRAME DETAILS - 1

OFFICE OF THE CHIEF ENGINEER  
WOODBRIIDGE, NEW JERSEY

2009 STANDARD  
DRAWING  
SI-17A

2	10/14	REVISED ANCHOR BOLT EMBEDMENT LENGTH
1	12/09	REVISED ANCHOR BOLT ASTM STANDARD
	04/09	ORIGINAL DRAWING
APP. NO.	DATE	REVISION

CONTRACT NO.

SHEET NO.

OF