

PLAN OF FENCE POST SPACING

RIGHT SIDE SHOWN, LEFT SIDE SIMILAR BY ROTATION.

NOTES

FOR BRIDGE MOUNTED CHAIN LINK FENCE, SEE SPECIAL PROVISIONS.

MATERIAL FOR ANCHOR BOLTS SHALL BE TYPE 304 STAINLESS STEEL WITH A MINIMUM 9000 PSI ULTIMATE STRENGTH. NUTS AND WASHERS SHALL BE TYPE 304 STAINLESS STEEL. ANCHOR BOLTS SHALL BE EMBEDDED AS PER MANUFACTURER SPECIFICATIONS. NUTS SHALL BE AMERICAN STANDARD FINISHED HEXAGON THICK NUTS, CLASS 2B THREADS.

FOR SETTING ANCHOR BOLTS, THE CONTRACTOR SHALL USE AN ADHESIVE BONDING SYSTEM. SEE SECTION 420-13 OF THE STANDARD SPECIFICATIONS FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS. LEVEL ONE FIELD TESTING OF BONDING SYSTEM IS REQUIRED.

ALL FENCE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 1050 OF THE STANDARD SPECIFICATIONS, GALVANIZE STEEL PARTS AND HARDWARE IN ACCORDANCE WITH ARTICLE 1076 OF THE STANDARD SPECIFICATIONS.

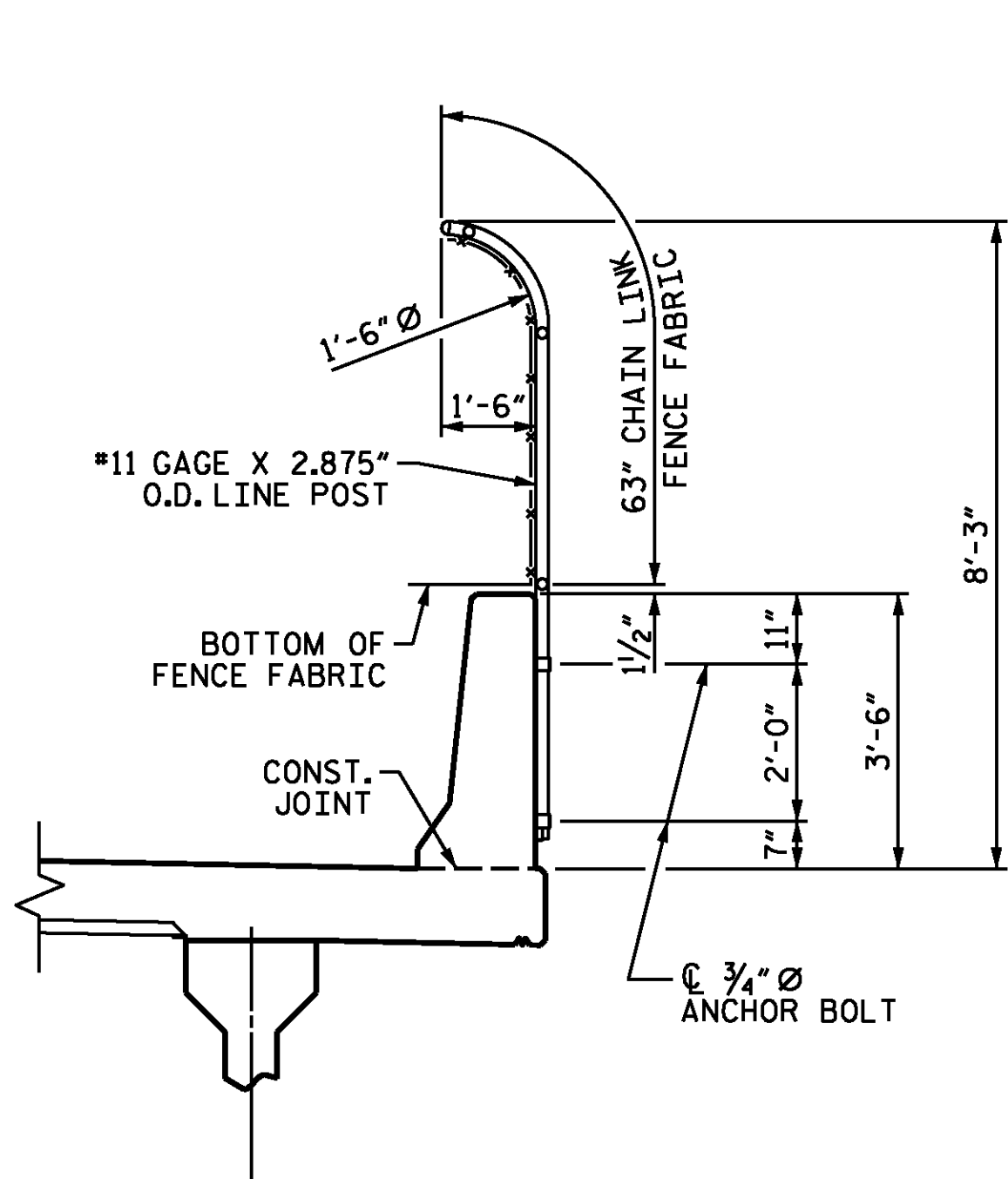
WELDING SHALL BE DONE IN ACCORDANCE WITH ARTICLE 1072-18 OF THE STANDARD SPECIFICATIONS.

ADHESIVE BONDING SYSTEM SHALL HAVE A MINIMUM PULLOUT STRENGTH OF 10 KIPS. THE ADHESIVE BONDING SYSTEM SHALL BE CHOSEN FROM THE THOSE ON THE NCDOT APPROVED PRODUCTS LIST.

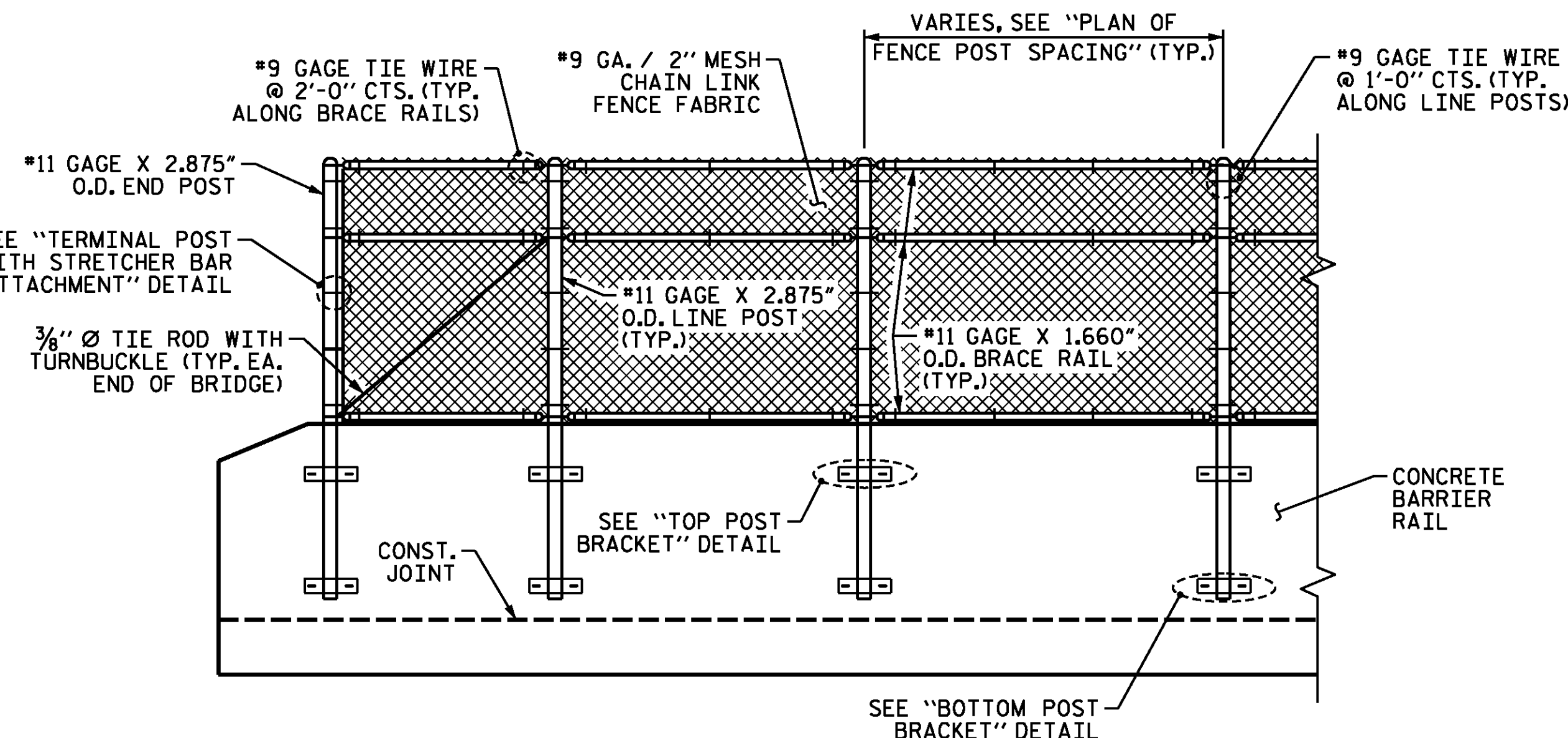
FENCE POSTS SHALL BE SET NORMAL TO CURB GRADE.

CONTRACTOR MAY SUBMIT ALTERNATIVE FENCE DETAILS FOR ENGINEER REVIEW AND APPROVAL.

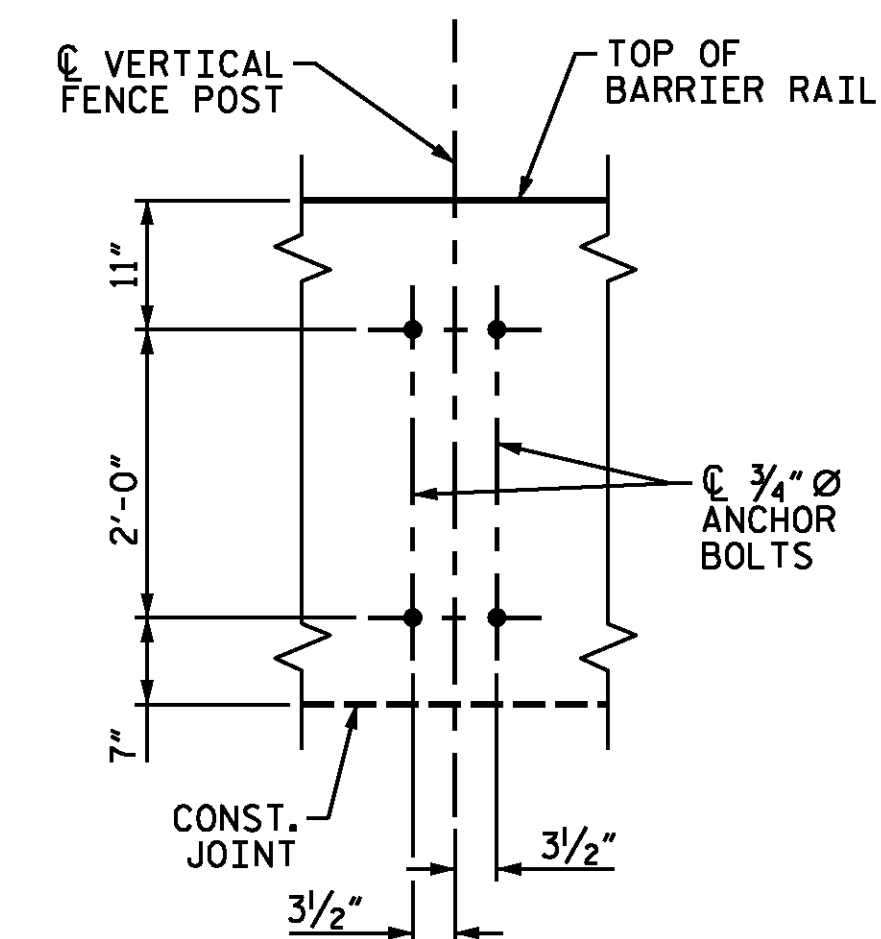
63" CHAIN LINK FENCE
PAY LENGTH 210.92 LIN. FT.



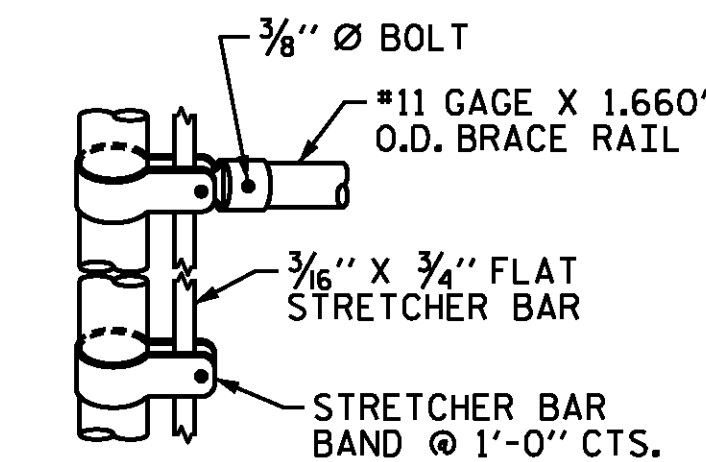
SECTION THRU FENCE



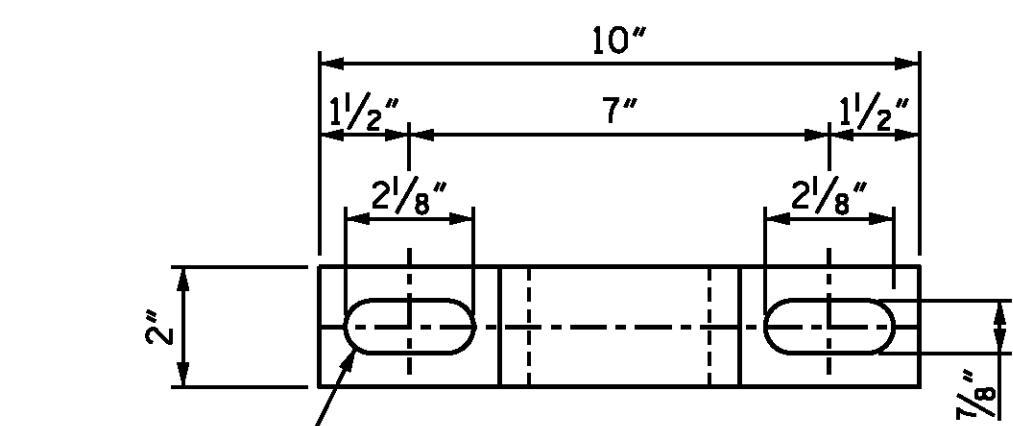
PARTIAL ELEVATION



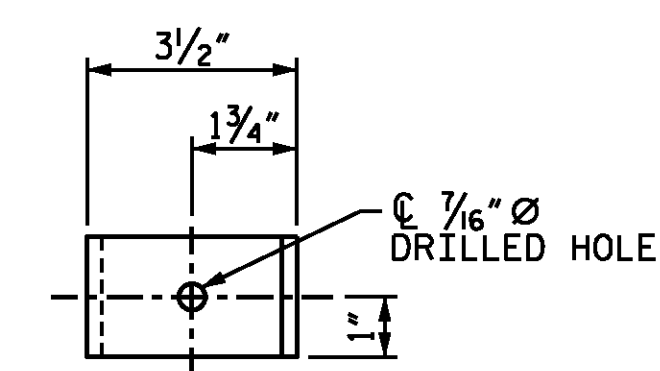
BOLT SETTING DETAIL



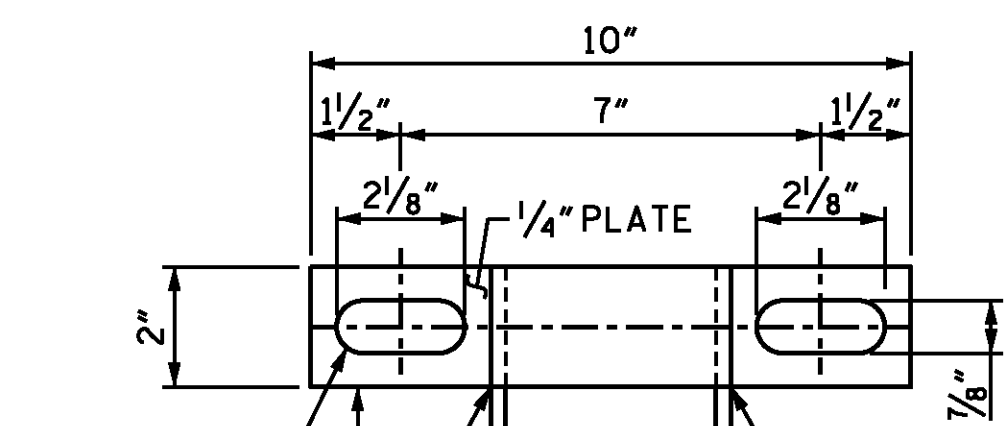
TERMINAL POST WITH STRETCHER BAR ATTACHMENT



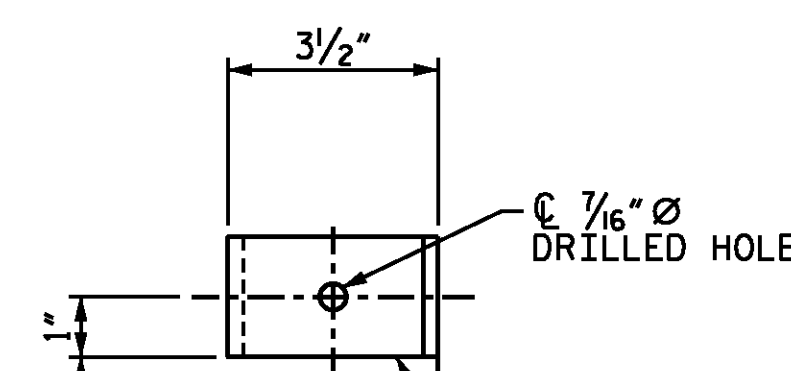
ELEVATION



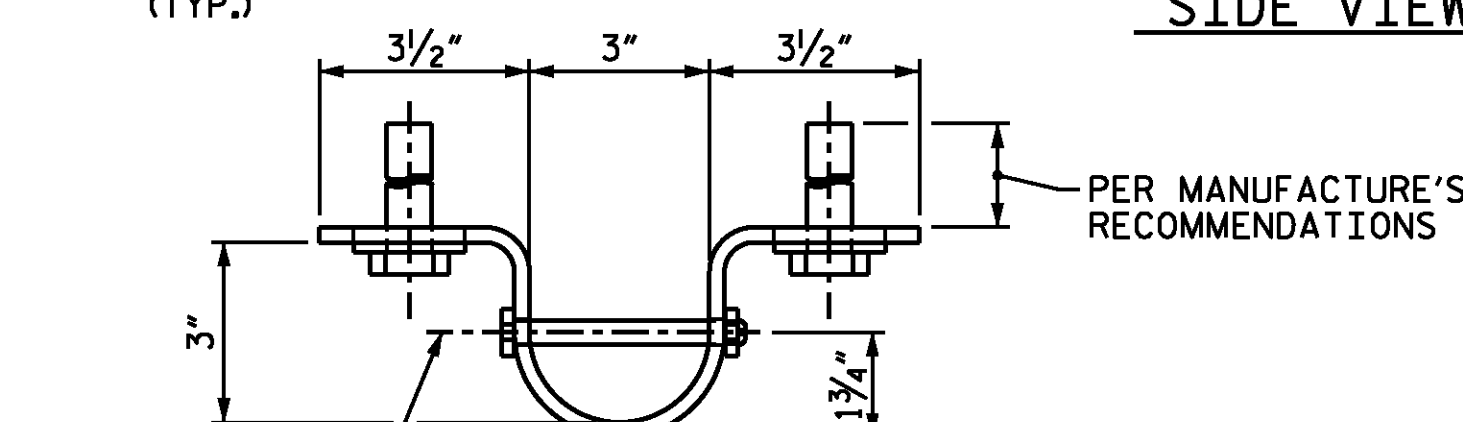
RIGHT SIDE VIEW



ELEVATION

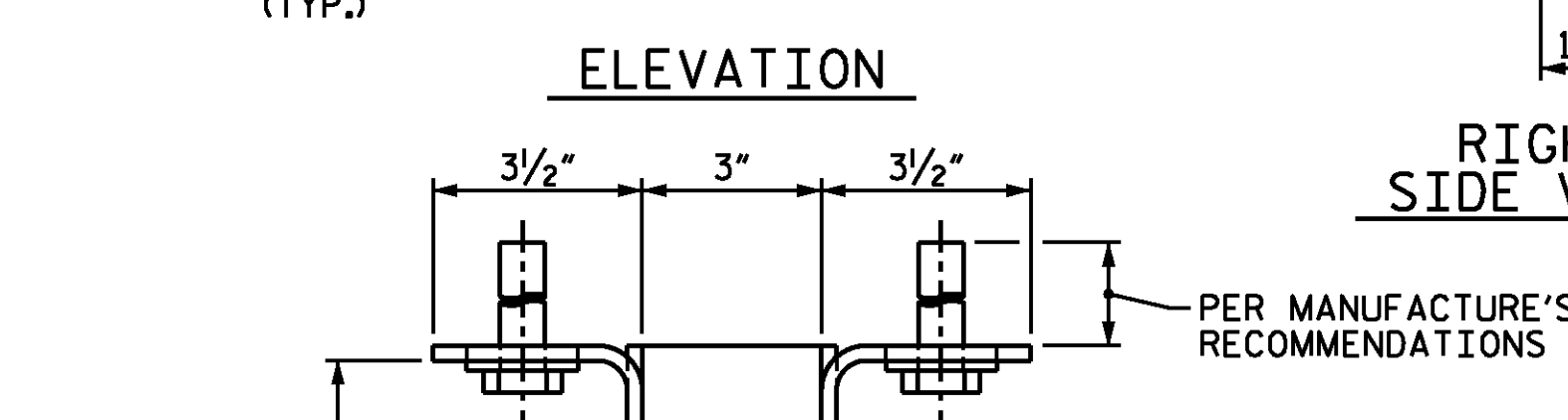


RIGHT SIDE VIEW



PLAN

TOP POST BRACKET

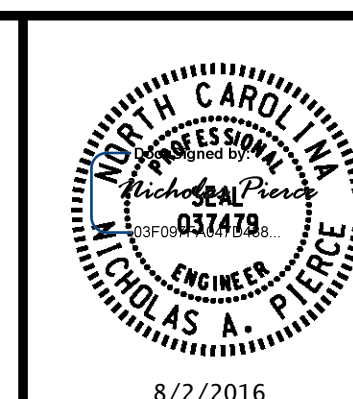


PLAN

BOTTOM POST BRACKET

DESIGNED BY: M.J. OSTRISHKO DATE: 04/2016
 DRAWN BY: M.J. OSTRISHKO DATE: 04/2016
 CHECKED BY: N.A. PIERCE DATE: 05/2016
 DESIGN ENGINEER OF RECORD: N.A. PIERCE DATE: 06/2016

WSP
PARSONS BRINCKERHOFF
 434 FAYETTEVILLE STREET
 SUITE 1500
 RALEIGH, NC 27601
 LICENSE NO. F-0165



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUPERSTRUCTURE
 BRIDGE MOUNTED
 CHAIN LINK FENCE
 DETAILS

REVISIONS				SHEET NO.	
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		

TOTAL SHEETS: 25

PROJECT NO. B-4616
 ROBESON COUNTY
 STATION: 31+55.47 -L-

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED