

NOTES:

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 ADHESIVE BONDING SYSTEM 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 THE REQUIREMENTS OF SECTION 420-13 OF THE STANDARD SPECIFICATIONS FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS. LEVEL ONE FIELD TESTING OF BONDING SYSTEM IS REQUIRED AND THE YIELD LOAD OF THE 3/4" Ø BOLTS IS 12.0 KIPS.

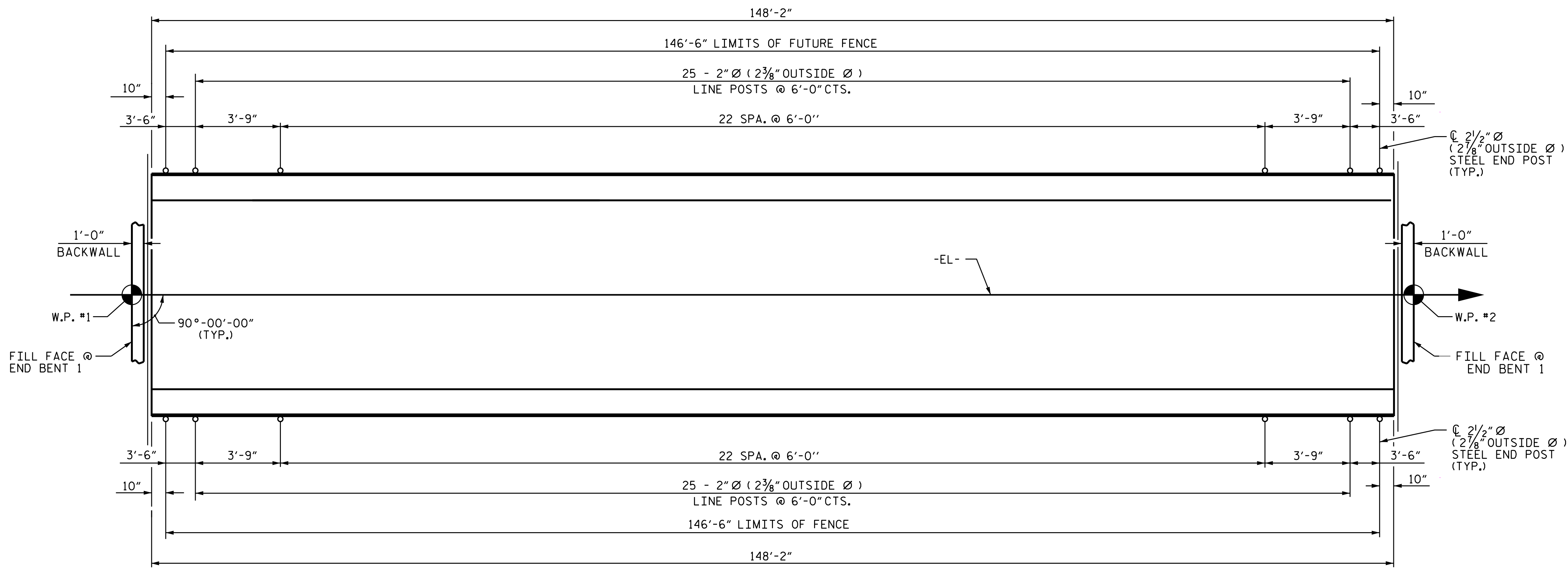
ALL BRACKETS SHALL MEET THE REQUIREMENTS OF SECTION 1050 OF THE STANDARD SPECIFICATIONS, GALVANIZE ALL STEEL PARTS AND HARDWARE IN ACCORDANCE WITH ARTICLE 1076 OF THE STANDARD SPECIFICATIONS.

FENCE POST LOCATIONS SHALL BE SHIFTED, AS NECESSARY, TO MAINTAIN 12" MINIMUM DISTANCE FROM ANCHOR BOLT TO JOINTS IN BARRIER RAIL.

DIMENSIONS ARE SHOWN ALONG OUTSIDE FACE OF BARRIER RAIL.

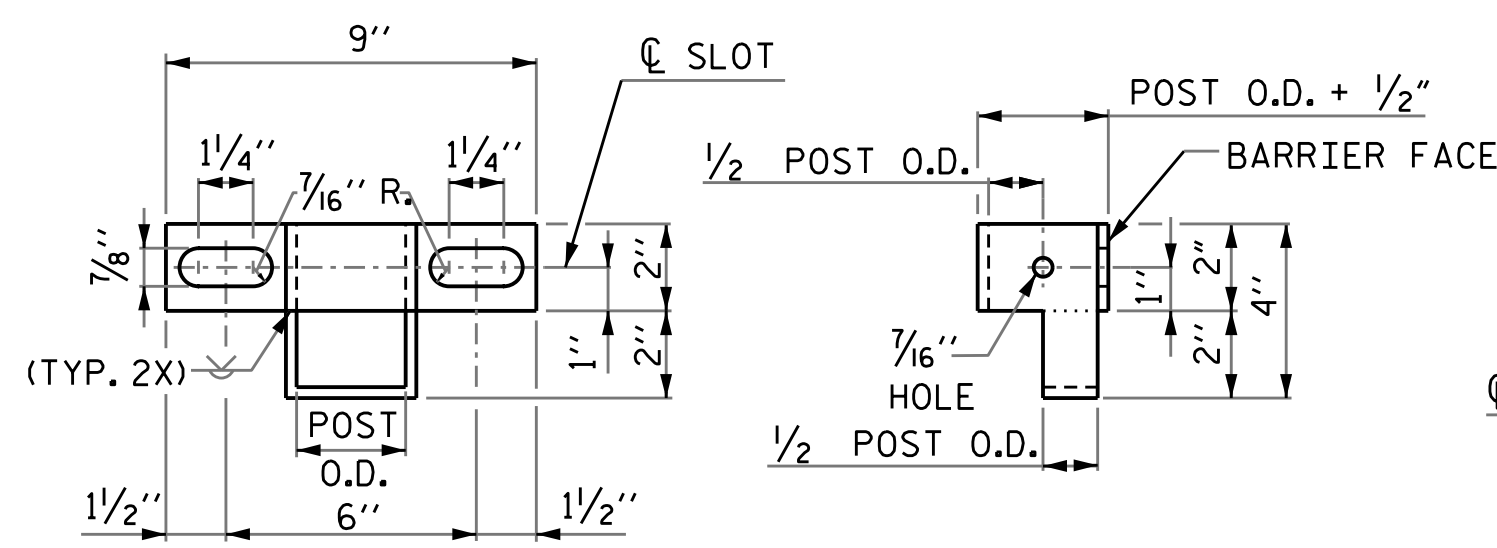
BRACKETS SHALL BE INSTALLED TO PERMIT STANDARD CHAIN LINK FENCE DETAILS TO BE UTILIZED IN THE FUTURE.

ALL THE COSTS ASSOCIATED WITH THE MATERIALS AND INSTALLATION OF THE POST BRACKETS SHALL BE INCLUDED IN THE "CONCRETE BARRIER RAIL" PAY ITEM.



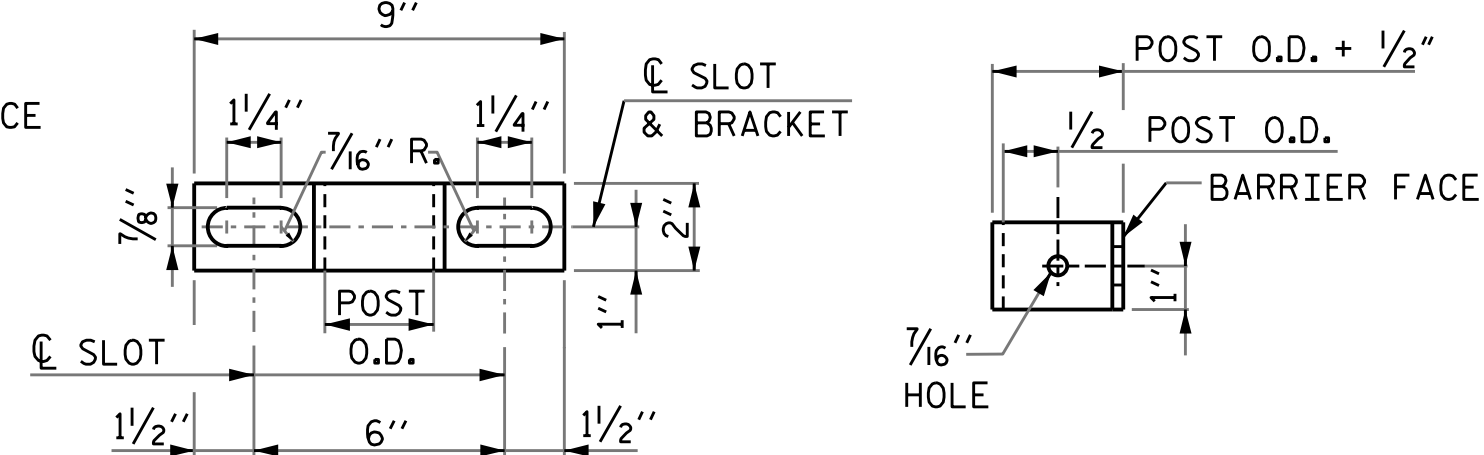
PLAN OF FENCE POST SPACING

PAY LENGTH 279.3333 FEET



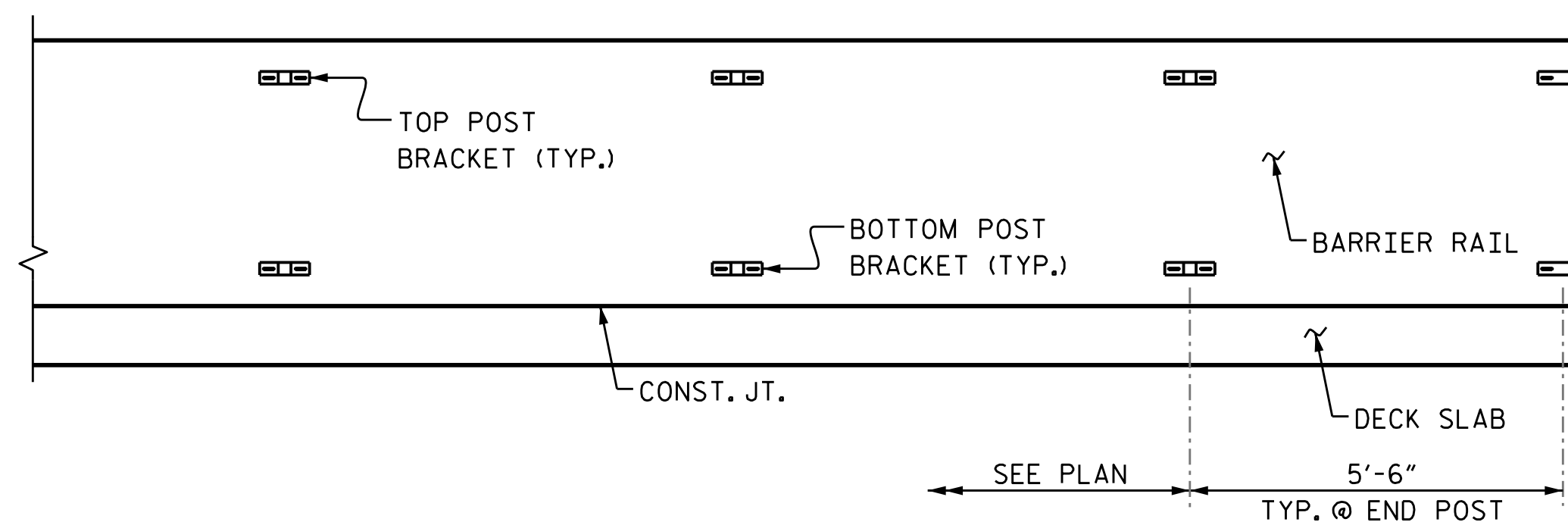
ELEVATION

RIGHT SIDE VIEW

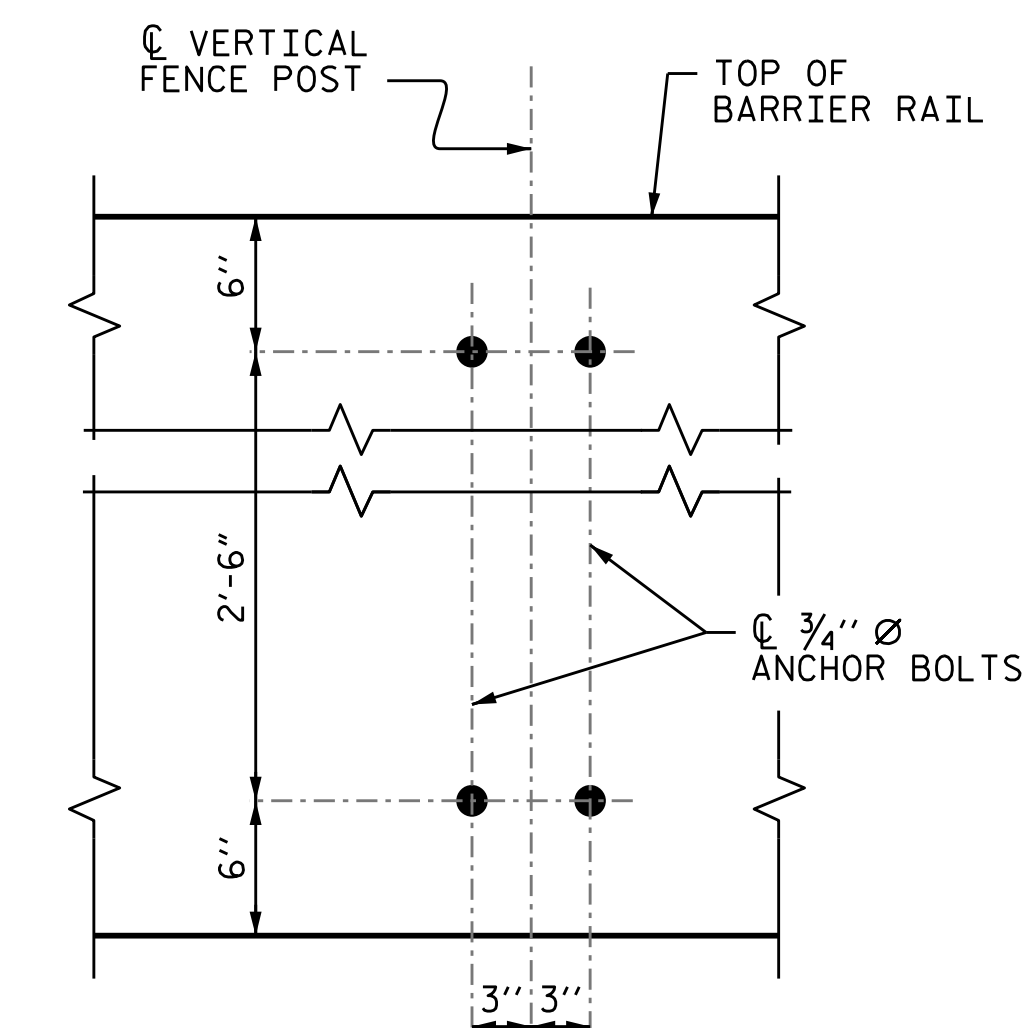


ELEVATION

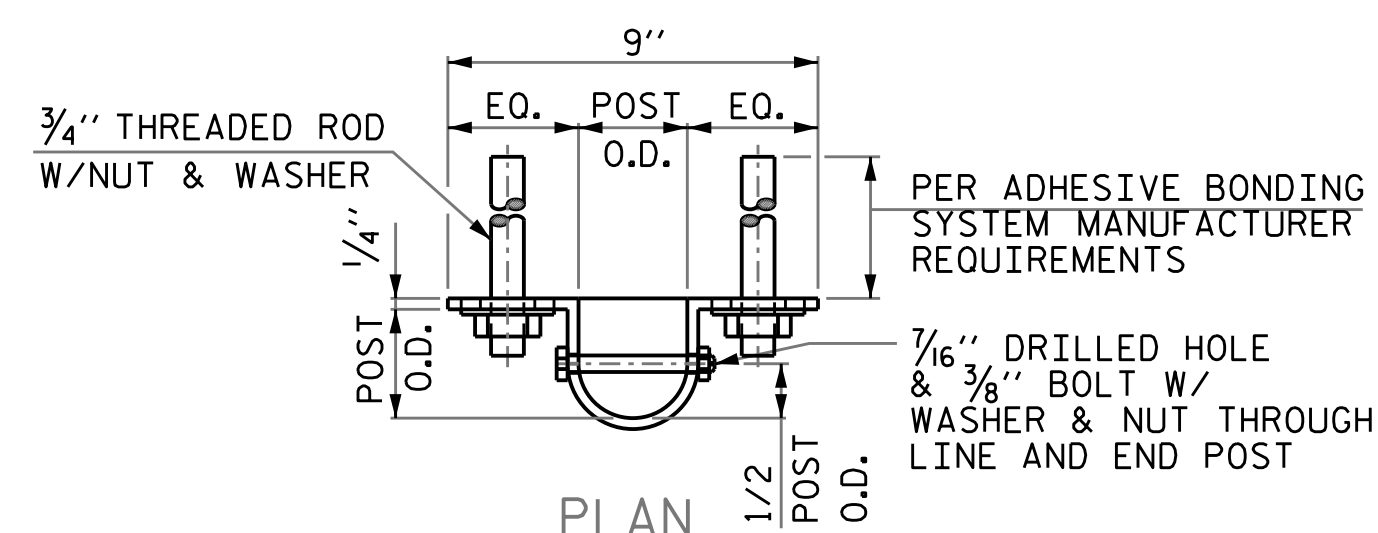
SIDE VIEW



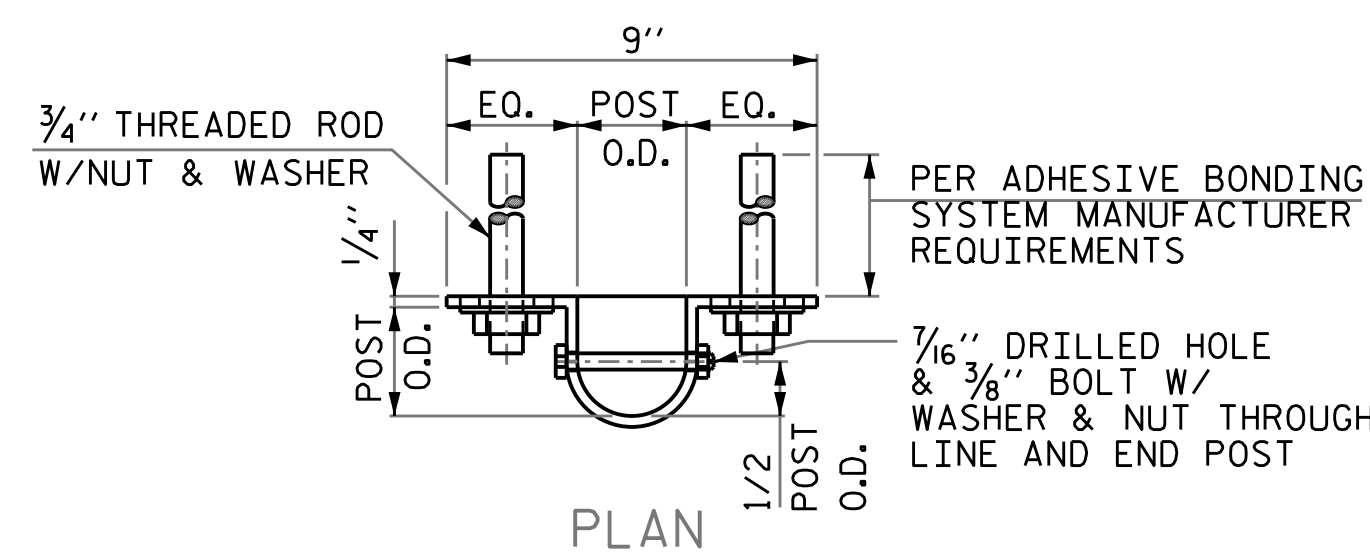
PARTIAL ELEVATION



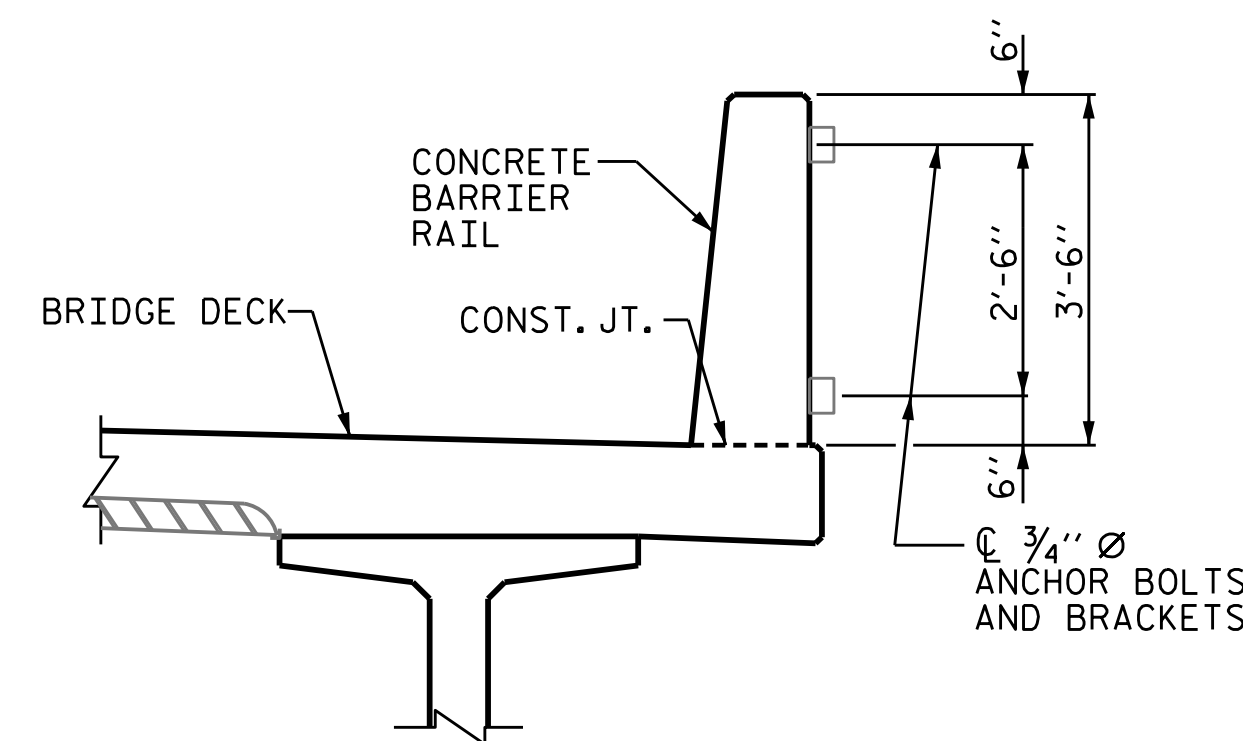
BOLT SETTING DETAIL



BOTTOM POST BRACKET

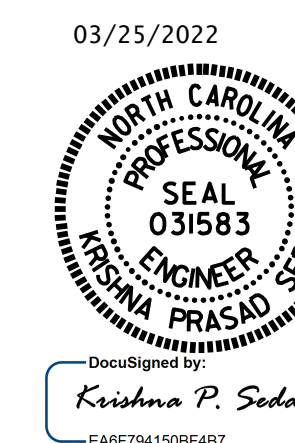


TOP POST BRACKET



SECTION THRU FENCE

PROJECT NO. B-5772
 ROWAN COUNTY
 STATION: 20+91.04 -EL-



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

DRAWN BY : M. G. SHAIKH DATE : 01/2022
 CHECKED BY : A. SORSENGINH DATE : 2/2022

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-15
1			3			TOTAL SHEETS
2			4			25