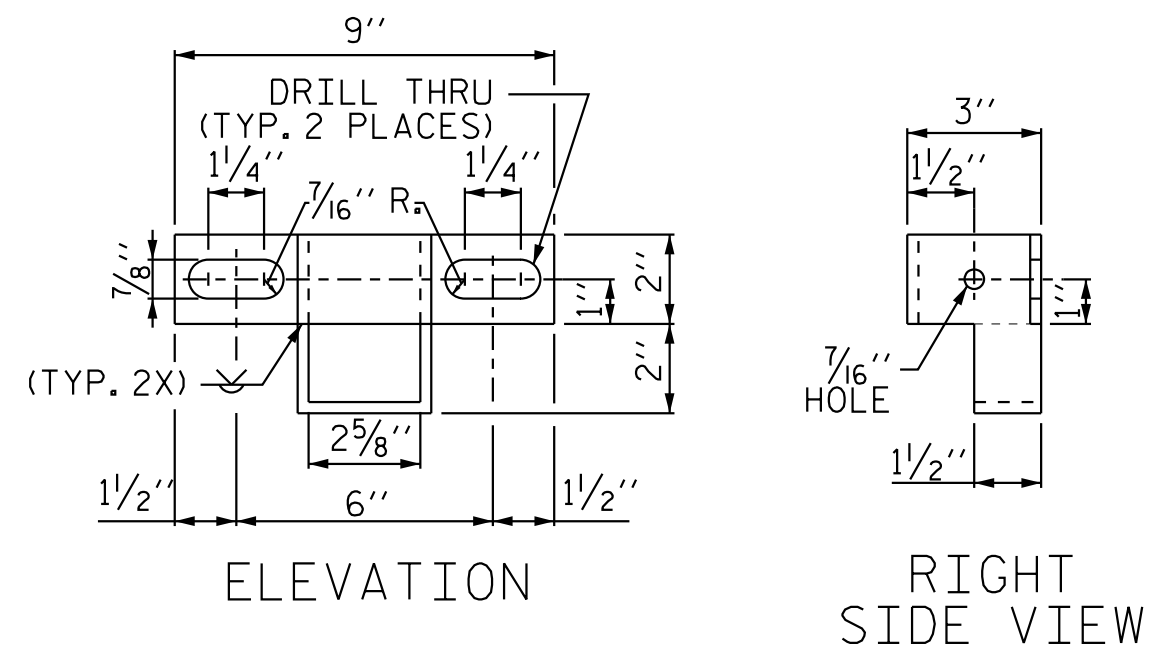


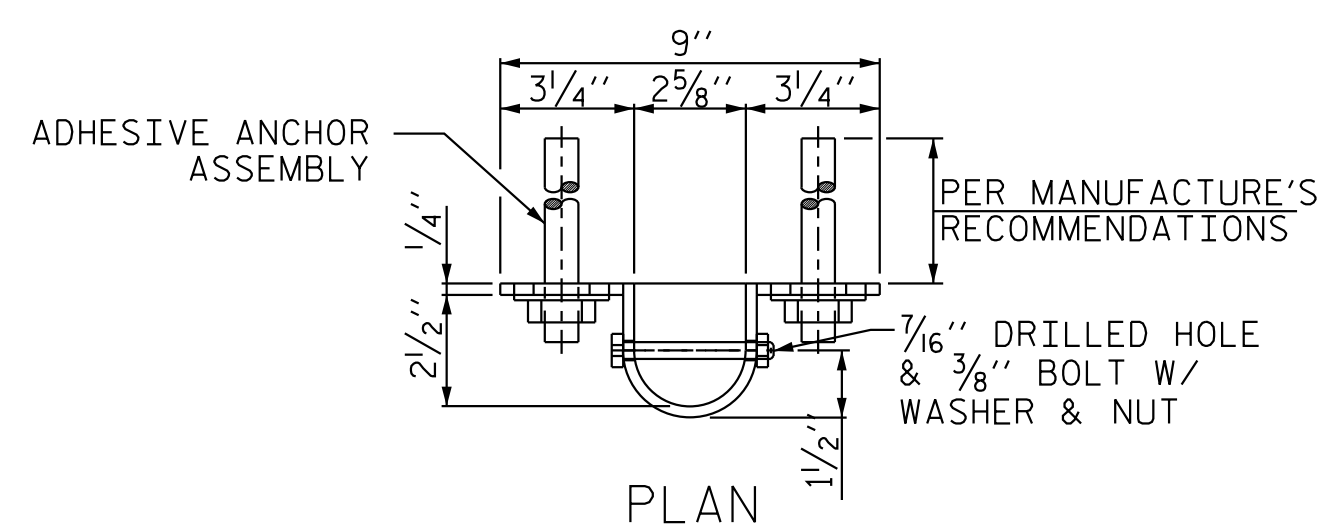
ELEVATION

RIGHT SIDE VIEW



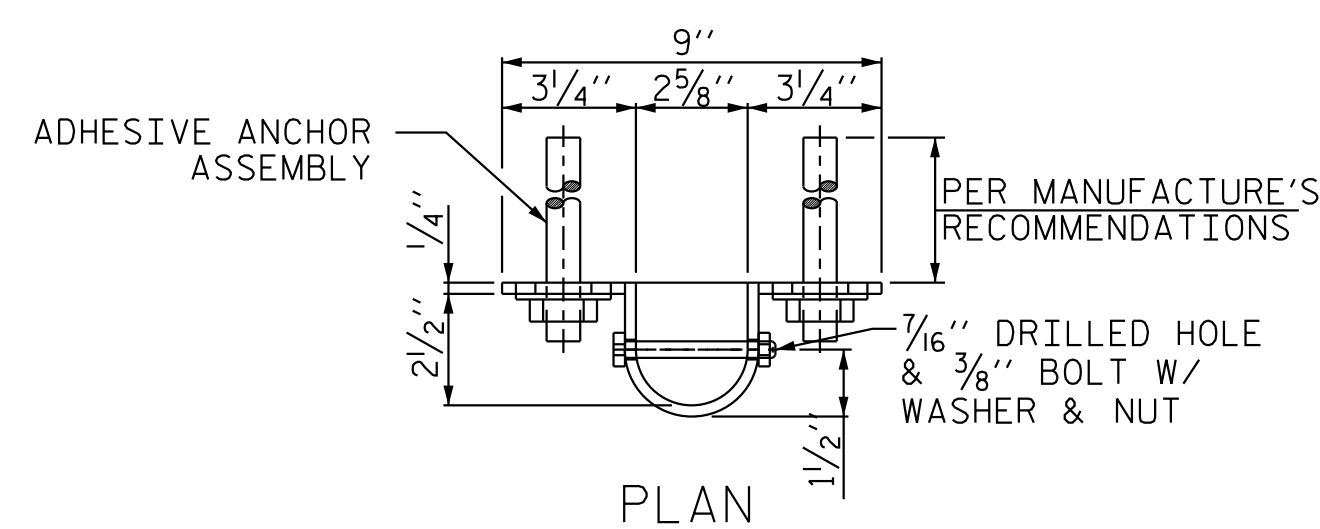
ELEVATION

RIGHT SIDE VIEW



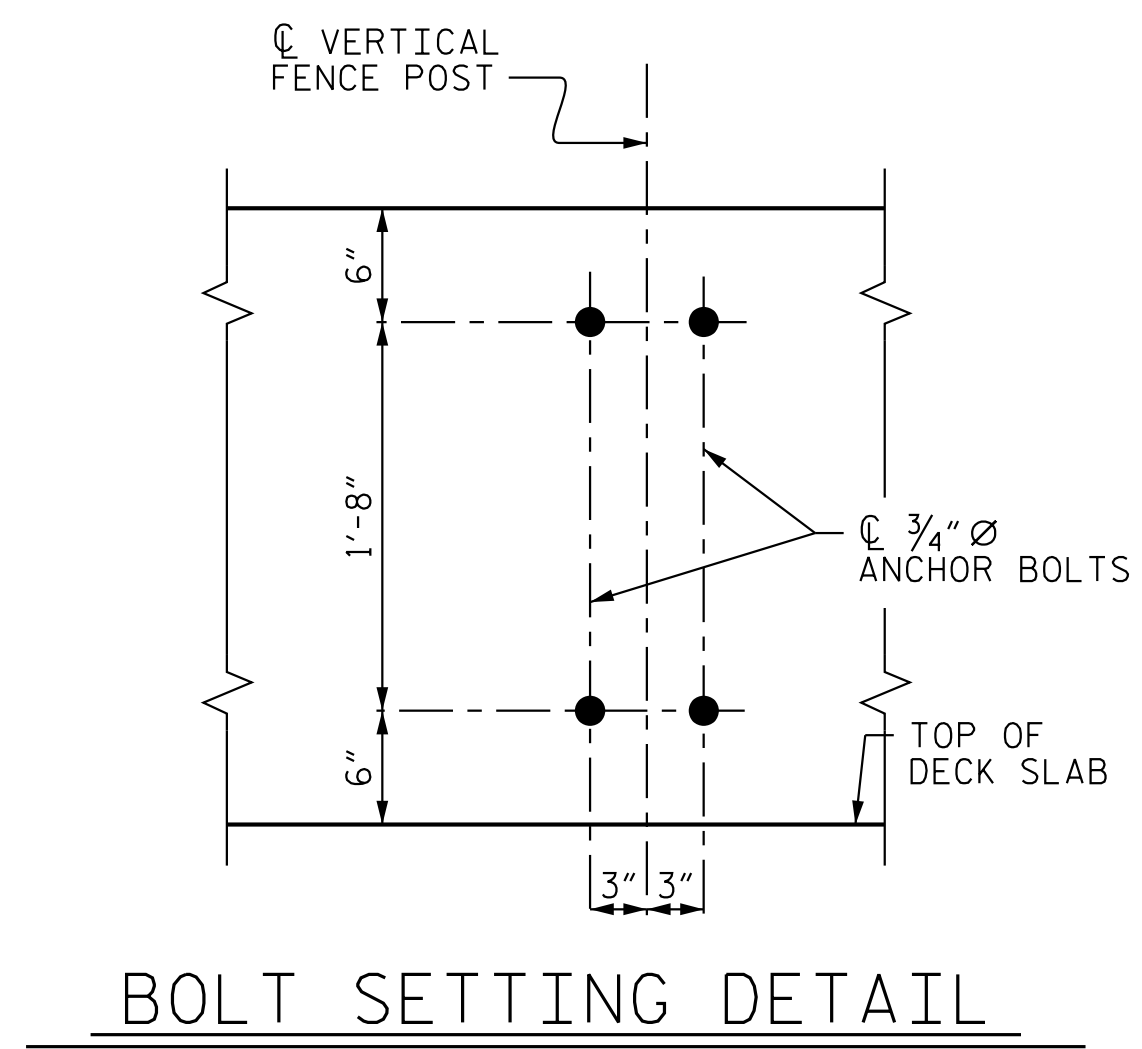
PLAN

TOP POST BRACKET

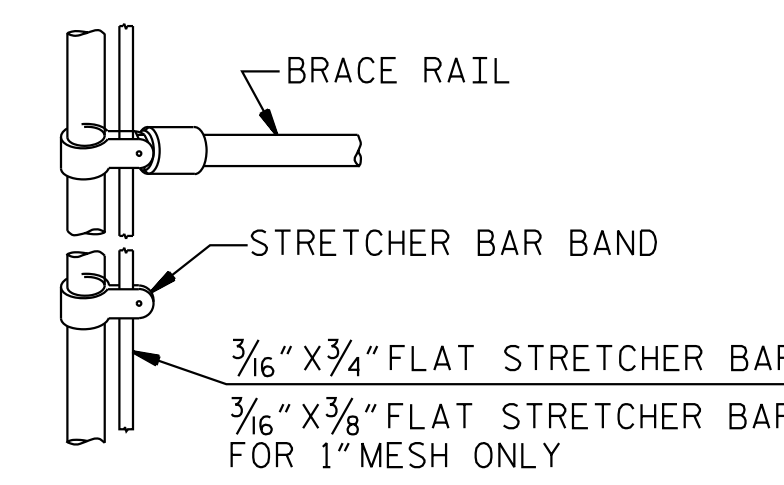


PLAN

BOTTOM POST BRACKET



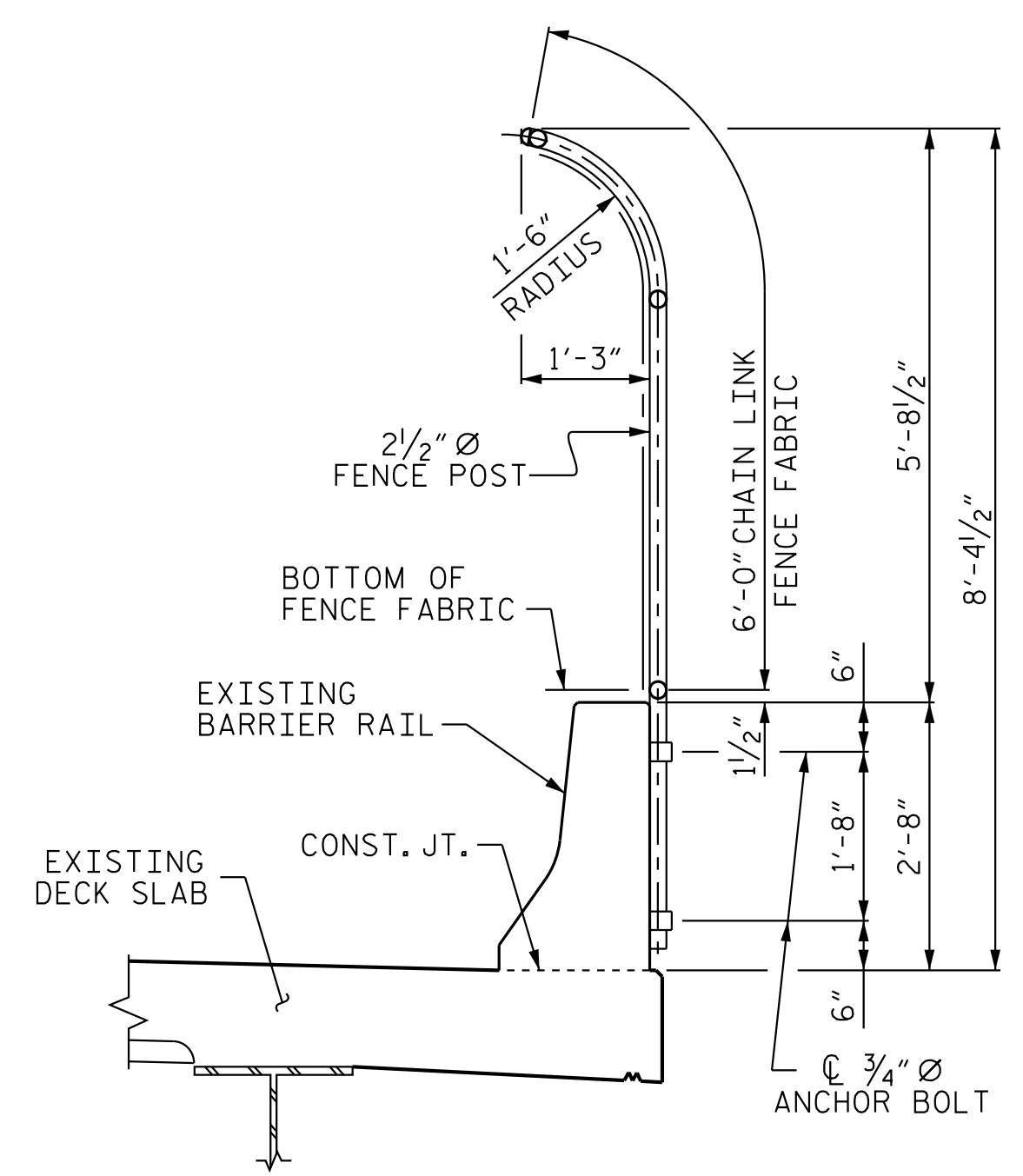
BOLT SETTING DETAIL



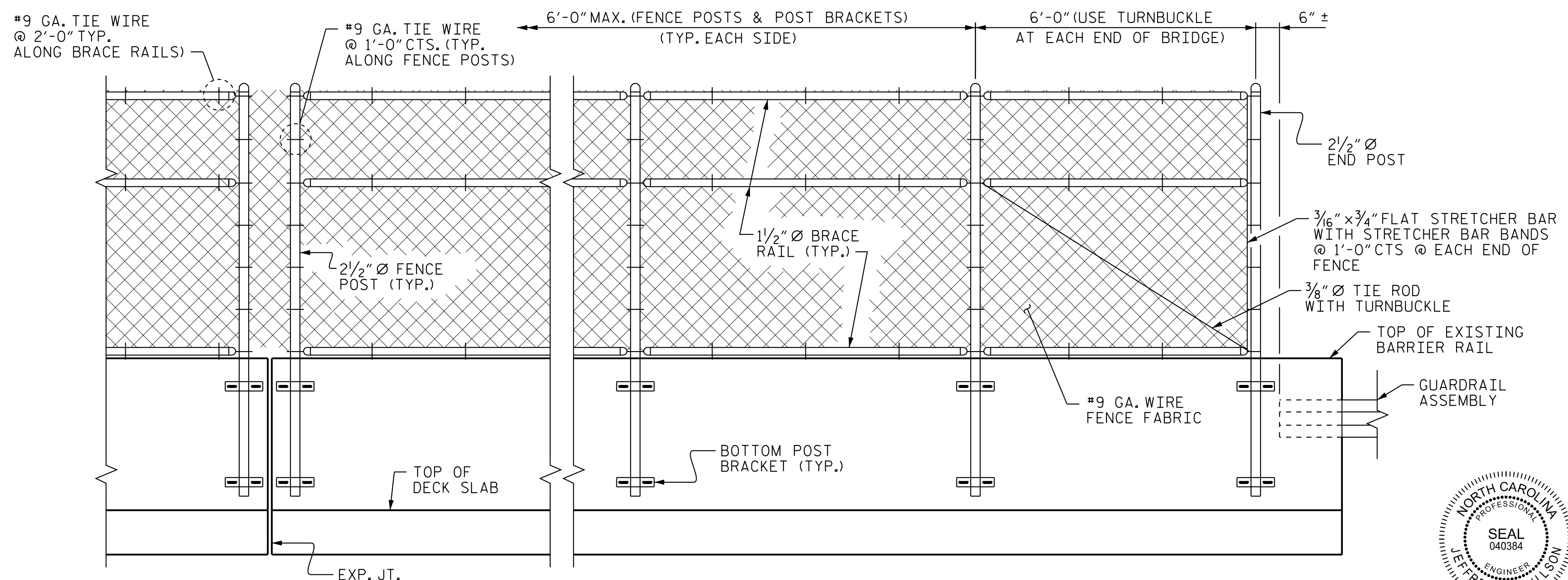
TERMINAL FENCE POST WITH STRETCHER BAR ATTACHMENT

NOTES:

- 1) FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS SEE ARTICLE 420-13 OF THE STANDARD SPECIFICATION. LEVEL ONE FIELD TESTING IS REQUIRED. THE YIELD LOAD OF THE ANCHOR BOLTS SHALL BE NO LESS THAN 17 KIPS.
- 2) MATERIAL FOR ANCHOR BOLTS SHALL BE TYPE 304 STAINLESS STEEL WITH A MINIMUM 90 KSI 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.
- 3) ALL FENCE MATERIAL SHALL MEET THE REQUIREMENTS OF SECTION 1050 OF THE STANDARD SPECIFICATIONS. ALL FENCE OR END POSTS SHALL BE PIPE 2 1/2" X-STRONG. BRACE RAILS SHALL BE PIPE 1 1/2" STD. GALVANIZE ALL STEEL PARTS AND HARDWARE IN ACCORDANCE WITH ARTICLE 1076 OF THE STANDARD SPECIFICATION.
- 4) FENCE POST LOCATIONS SHALL BE SHIFTED, AS NECESSARY, TO MAINTAIN 1'-0" MINIMUM DISTANCE FROM ANCHOR BOLT TO JOINTS IN BARRIER RAIL.
- 5) FOR PEDESTRIAN FENCING BARRIER RAIL MOUNTED, SEE SPECIAL PROVISION.



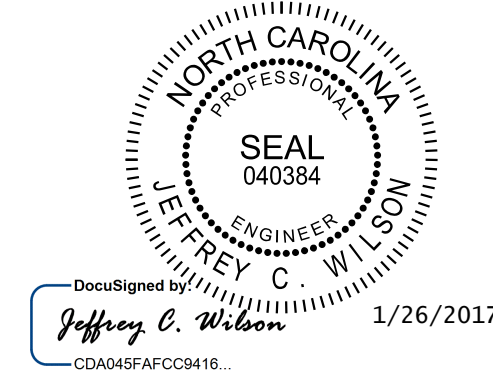
SECTION THRU FENCE



PARTIAL ELEVATION

TOTAL PAY LENGTH = 283.75 LF EACH SIDE (I-40) (BRIDGE NO. 302)
 TOTAL PAY LENGTH = 167.5 LF INSIDE (NEW HOPE CREEK) (BRIDGE NO. 215)
 TOTAL PAY LENGTH = 165 LF OUTSIDE (NEW HOPE CREEK) (BRIDGE NO. 215)

PROJECT NO. EB-4707B
DURHAM COUNTY
 STATION: N/A



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 NC LICENSE # F-0102

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SR-2220 OVER I-40 AND NEW HOPE CREEK FENCE ATTACHMENT TO BARRIER RAIL ON EXISTING BRIDGE					
REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		
					SHEET NO. C8 TOTAL SHEETS 24

DRAWN BY JIK DATE 1/17
 CHECKED BY DJW DATE 1/17

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