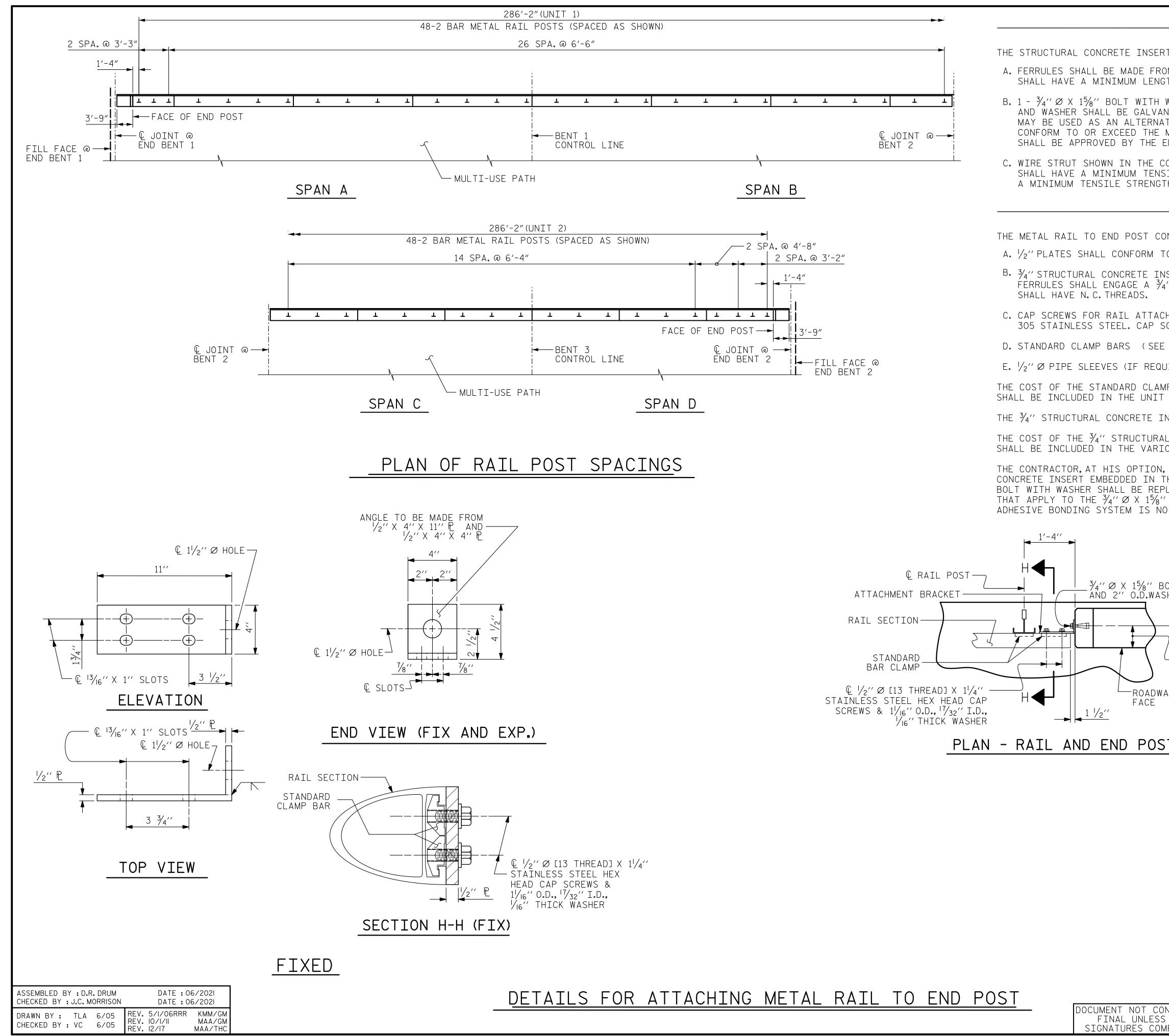
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2/9/2023 1:04:23 PM DATE: TIME:

- SHALL HAVE A MINIMUM LENG

NOTES	
STRUCTURAL CONCRETE INSEF	RT T
RT ASSEMBLY SHALL CONSIST OF TH	E FOLLOWING COMPONENTS:
OM STEEL MEETING THE REQUIREME GTH OF THREADS OF $1^{1}/_{2}^{\prime\prime}$ .	NTS OF AASHTO M169, GRADE 12L14 AND
NIZED.(AT THE CONTRACTOR'S OPT ATE FOR THE $\frac{3}{4}$ '' Ø x 1 $\frac{5}{8}$ '' GALVAN	THE REQUIREMENTS OF ASTM A307.BOLT TION, STAINLESS STEEL BOLT AND WASHER IZED BOLT AND WASHER.THEY SHALL TM A307. THE USE OF THIS ALTERNATE
	IS THE MINIMUM ALLOWABLE SIZE AND 5 AN OPTION,A ¼6″∅ WIRE STRUT WITH
NOTES	
METAL RAIL TO END POST CONNE	CTION
ONNECTION SHALL CONSIST OF THE	FOLLOWING COMPONENTS:
TO AASHTO M270 GRADE 36 AND SH	ALL BE GALVANIZED AFTER FABRICATION.
	) SHEAR CAPACITY OF 4800 LBS. THE HER IN PLACE. THE $\frac{3}{4}$ ''Ø X 1 $\frac{5}{8}$ '' BOLT
CHMENT TO ANGLE SHALL CONFORM <sup>-</sup> SCREWS TO BE CENTERED IN SLOTS	TO THE REQUIREMENTS OF ASTM F593 ALLOY AT 60°F.
E METAL RAIL SHEET ).	
UIRED)TO BE GALVANIZED.	
	THE METAL RAIL TO END POST CONNECTION R FEET OF 1 OR 2 BAR METAL RAILS.
INSERT WITH BOLT SHALL BE ASSEM	BLED IN THE SHOP.
AL CONCRETE INSERT ASSEMBLY, AND IOUS PAY ITEMS.	THE $\frac{1}{2}$ " plates complete in place
THE END POST.IF THE ADHESIVE BO Placed with a 3⁄4′′Ø X 6½′′ bolt .	YSTEM IN LIEU OF THE STRUCTURAL ONDING SYSTEM IS USED, THE $\frac{3}{4}$ " Ø X 15%" AND 2" O.D. WASHER. ALL SPECIFICATIONS X 6 $\frac{1}{2}$ " BOLT. FIELD TESTING OF THE
R CONT,	P.W.(TYP.ALL + CLOSED-END ACT POINTS ) - FERRULE
BOLT SHER © 3/4" STRUCTURAL - CONCRETE INSERT FERRI	JLE- WIRE STRUT
<u> </u>	PLAN ELEVATION
AY <u>S</u>	TRUCTURAL CONCRETE
ST.	* EACH WELDED ATTACHMENT OF WIRE TO FERRULE SHALL DEVELOP THE TENSILE STRENGTH OF THE WIRE.
	PROJECT NOU-5748
	WAKE COUNTY
	STATION:24+88.00 -L-

		SHEET 1 OF 3	
	AECOM TECHNICAL SERVICES OF NC, INC. 5438 WADE PARK BOULEVARD, SUITE 200 RALEIGH, NC 27607	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATIO RALEIGH	ИС
	(919) 854-6200 www.aecom.com AECOM License No. F-0342	STANDARD	
	NORTH CAROL NATION	RAIL POST SPACINGS	
	SEAL 030474	FOR ONE OR TWO BAR METAL RAI	
	DocuSigned by C. MORRISON		HEET NO. S2-30
NSIDERED ALL MPLETED	John C. Morrison 2/10/2023 A2FDE142C82F4AB		TOTAL SHEETS 119

STD. NO. BMR2