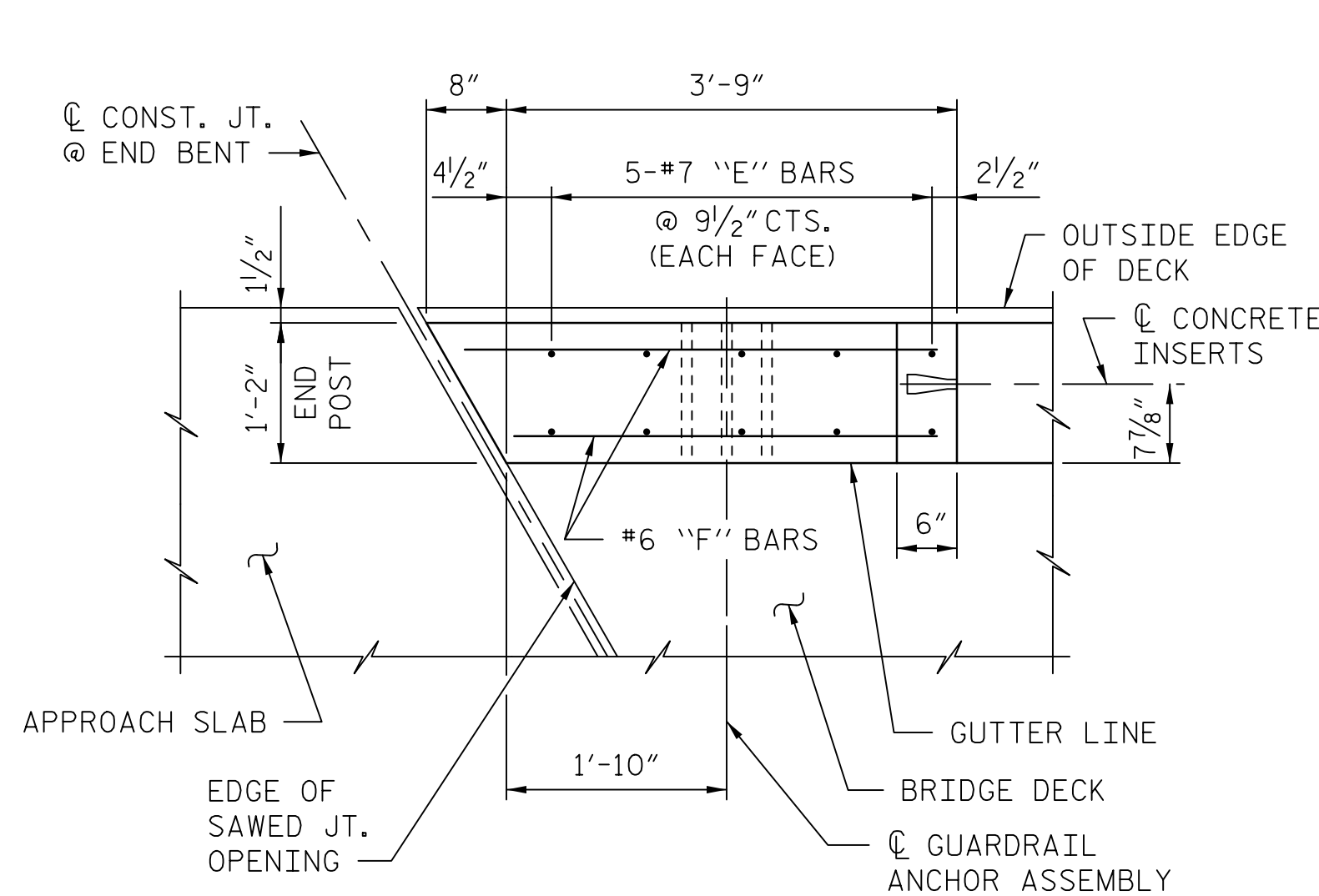
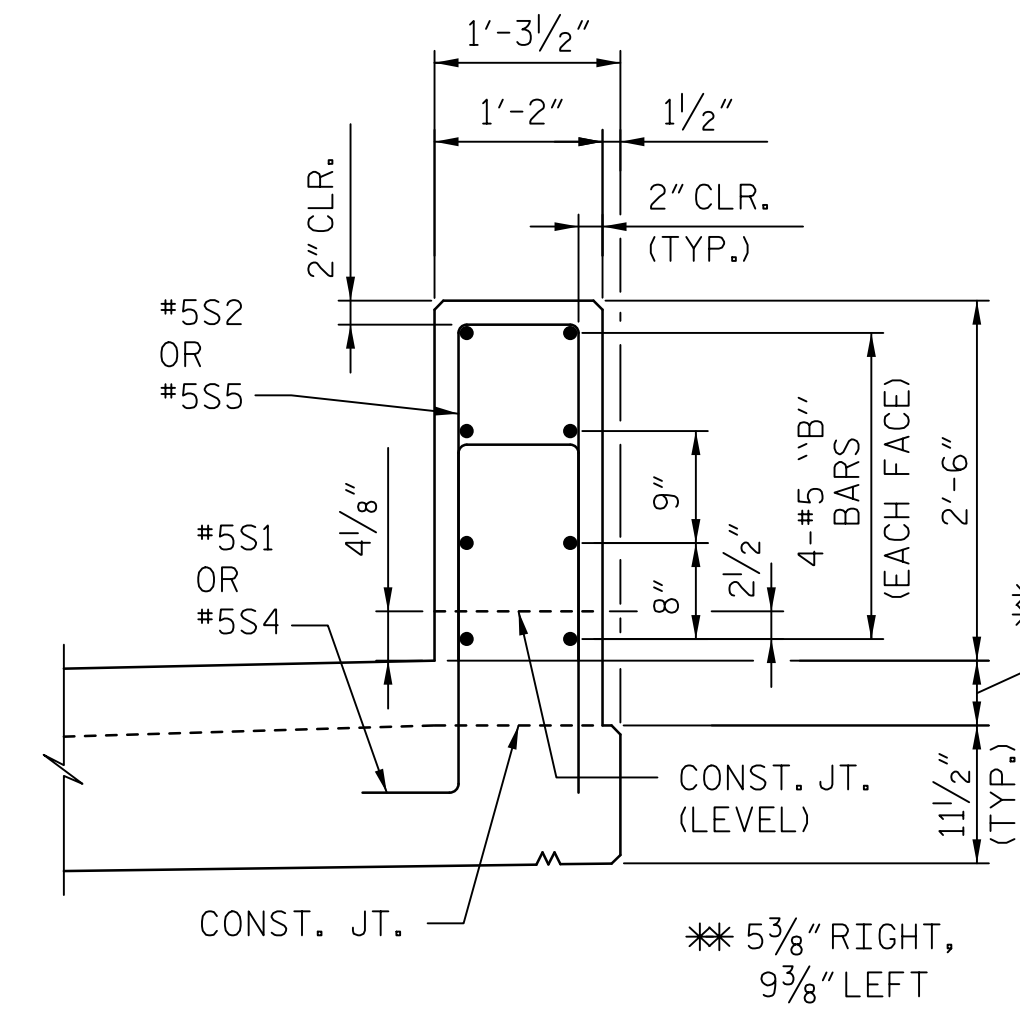


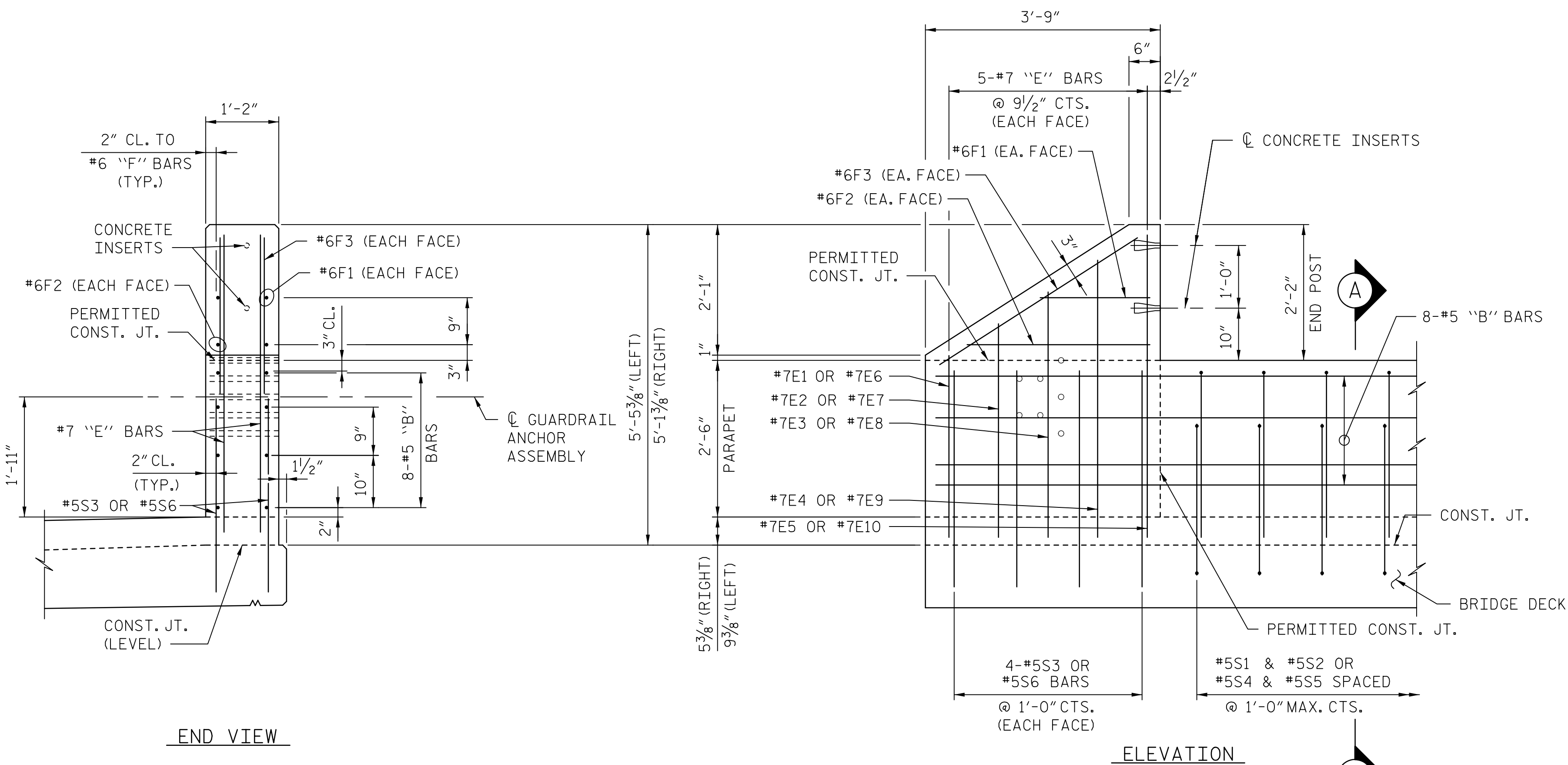
PLAN OF PARAPET
 (#7 "E" BARS NOT SHOWN FOR CLARITY)



PLAN OF END POST



SECTION "A-A"



END VIEW

ELEVATION

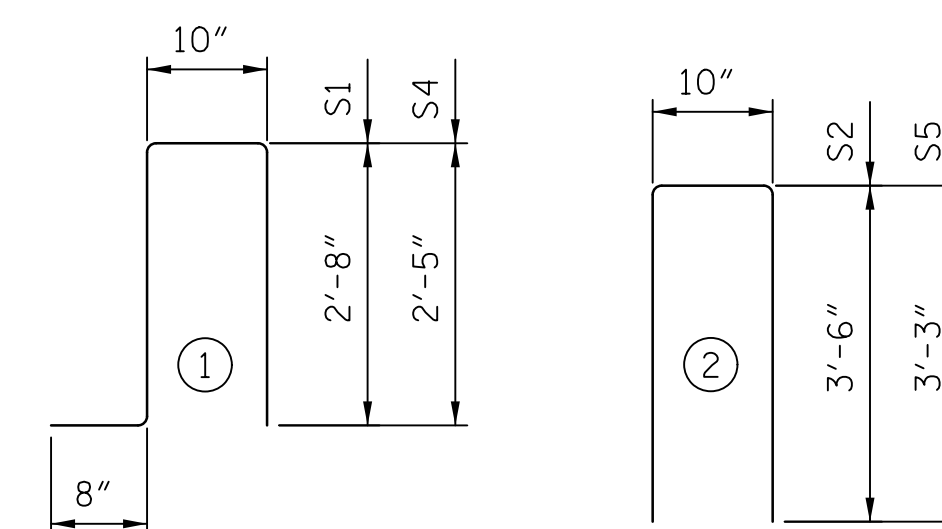
PARAPET AND END POST FOR TWO BAR RAIL

**TWO BAR METAL RAIL
 BILL OF MATERIAL FOR
 PARAPET AND END POSTS**

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*B1	24	#5	STR.	19'-8"	492
*B2	32	#5	STR.	22'-9"	759
*B3	48	#5	STR.	17'-4"	868
*B4	24	#5	STR.	19'-3"	482
*B5	32	#5	STR.	22'-7"	754
*E1	4	#7	STR.	2'-11"	24
*E2	4	#7	STR.	3'-5"	28
*E3	4	#7	STR.	3'-11"	32
*E4	4	#7	STR.	4'-5"	36
*E5	4	#7	STR.	4'-9"	39
*E6	4	#7	STR.	3'-3"	27
*E7	4	#7	STR.	3'-9"	31
*E8	4	#7	STR.	4'-3"	35
*E9	4	#7	STR.	4'-9"	39
*E10	4	#7	STR.	5'-1"	42
*F1	8	#6	STR.	1'-9"	21
*F2	8	#6	STR.	2'-11"	35
*F3	8	#6	STR.	3'-9"	45
*S1	197	#5	(1)	6'-10"	1404
*S2	197	#5	(2)	7'-10"	1610
*S3	16	#5	STR.	3'-5"	57
*S4	196	#5	(1)	6'-4"	1295
*S5	196	#5	(2)	7'-4"	1499
*S6	16	#5	STR.	3'-9"	63

*EPOXY COATED REINFORCING STEEL	LBS.	9717
CLASS AA CONCRETE	C.Y.	38.9
1'-2" x 2'-6" CONCRETE PARAPET	L.F.	409.2

BAR TYPES



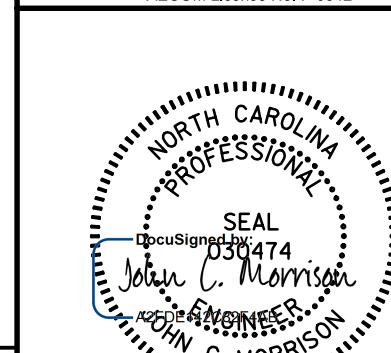
ALL BAR DIMENSIONS ARE OUT TO OUT.

NOTES:

THE #5S3 BARS SHALL BE INSTALLED USING AN ADHESIVE ANCHORING SYSTEM AFTER SAWING THE JOINT. LEVEL TWO FIELD TESTING IS REQUIRED, AND THE YIELD LOAD FOR THE #5S3 BAR IS 18.6 KIPS. FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE THE STANDARD SPECIFICATIONS.

PROJECT NO. U-2707
 FORSYTH COUNTY
 STATION: 17+34.88 -Y-

SHEET 2 OF 2 BRIDGE NO. 109



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

**SUPERSTRUCTURE
 CONCRETE PARAPET
 AND END POST DETAILS**

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:

SHEET NO.
S-61
 TOTAL SHEETS
86

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED

1/12/2016

DATE: 1/12/2016 TIME: 8:55:22 AM

USER: \\gis\corpora\p09\corpora\02_03_11\2707_SML_S6_CPO.dgn

DRAWN BY: DDL DATE: 11/2015
 CHECKED BY: JCM DATE: 11/2015