

**NOTES**

THE PARAPET FOR ANY SPAN SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THE SPAN HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

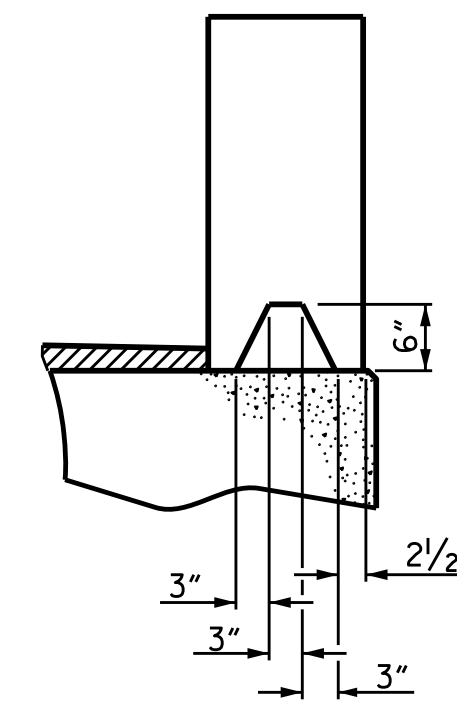
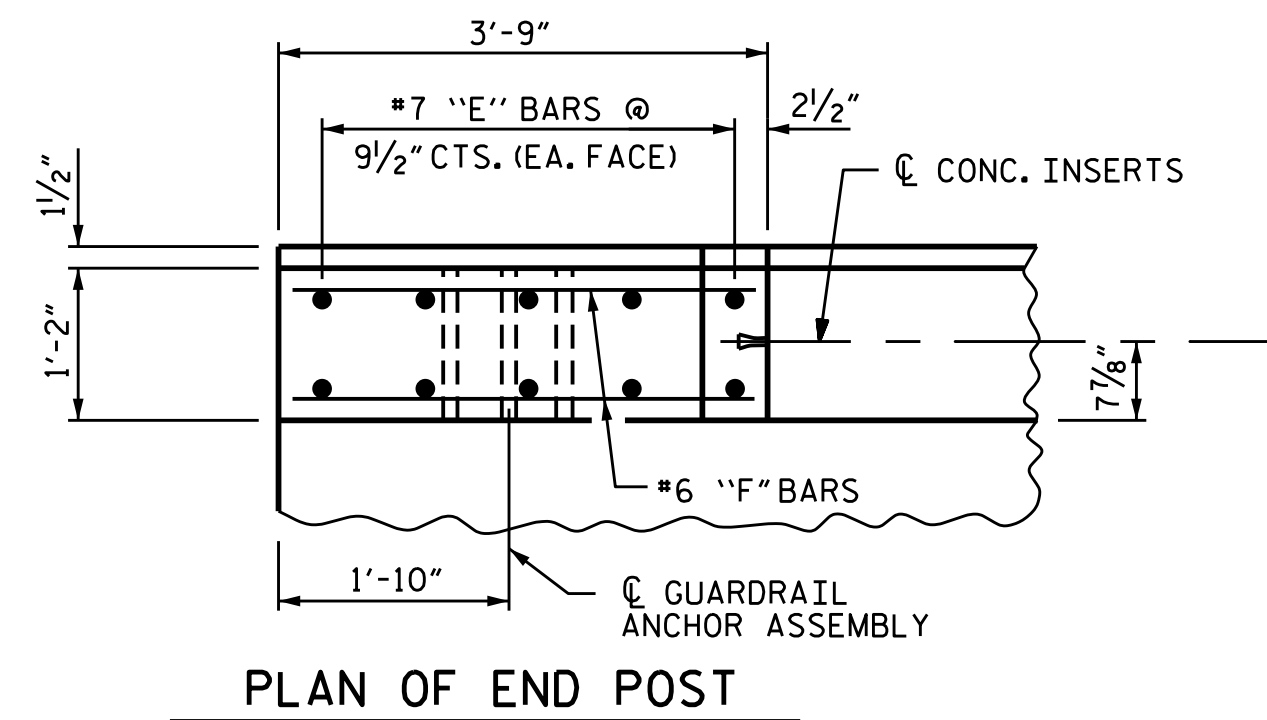
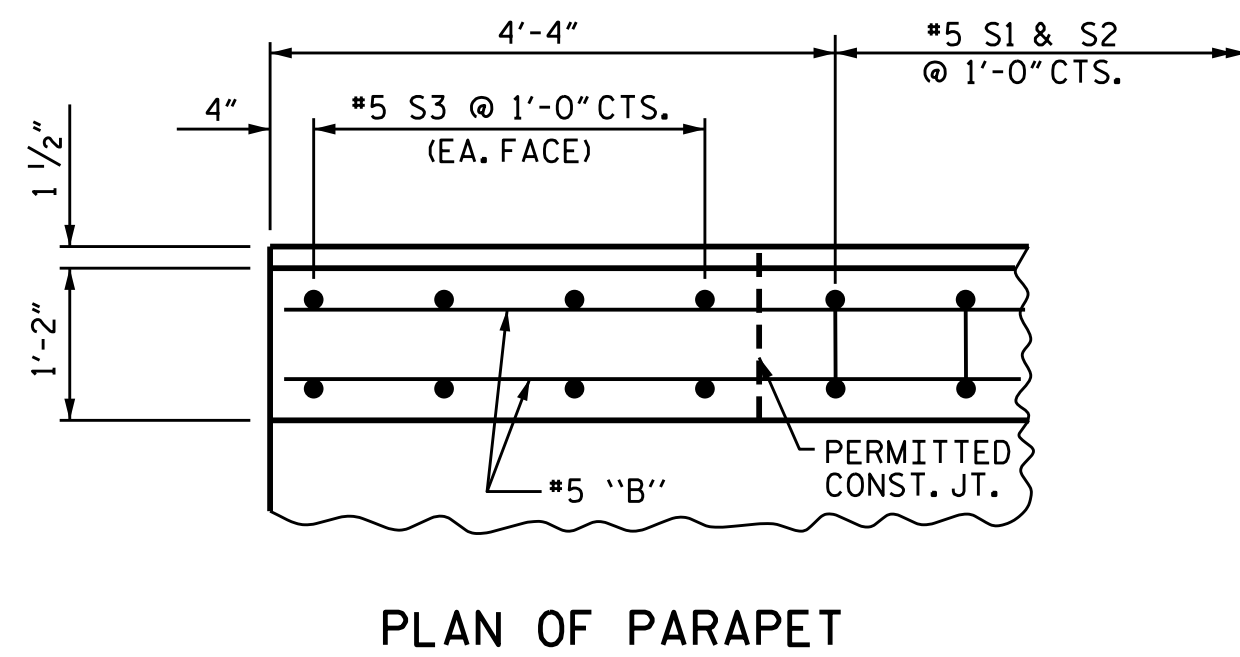
ALL REINFORCING STEEL IN PARAPETS AND END POSTS SHALL BE EPOXY COATED.

THE #5 S1 BARS MAY BE SHIFTED SLIGHTLY IN ORDER TO MAINTAIN A 2" MINIMUM CLEARANCE TO THE 1/2" EXPANSION JOINT MATERIAL IN THE PARAPET.

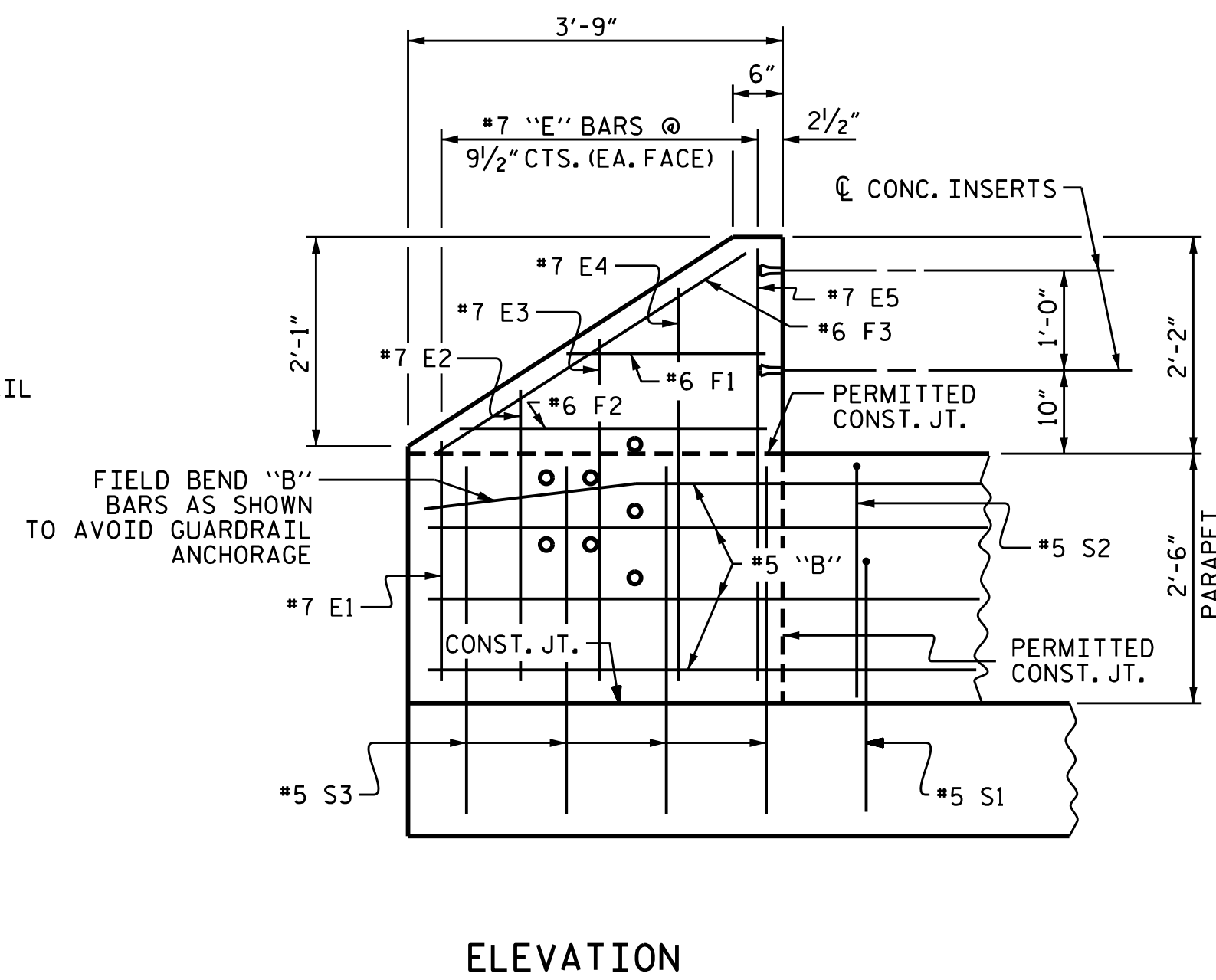
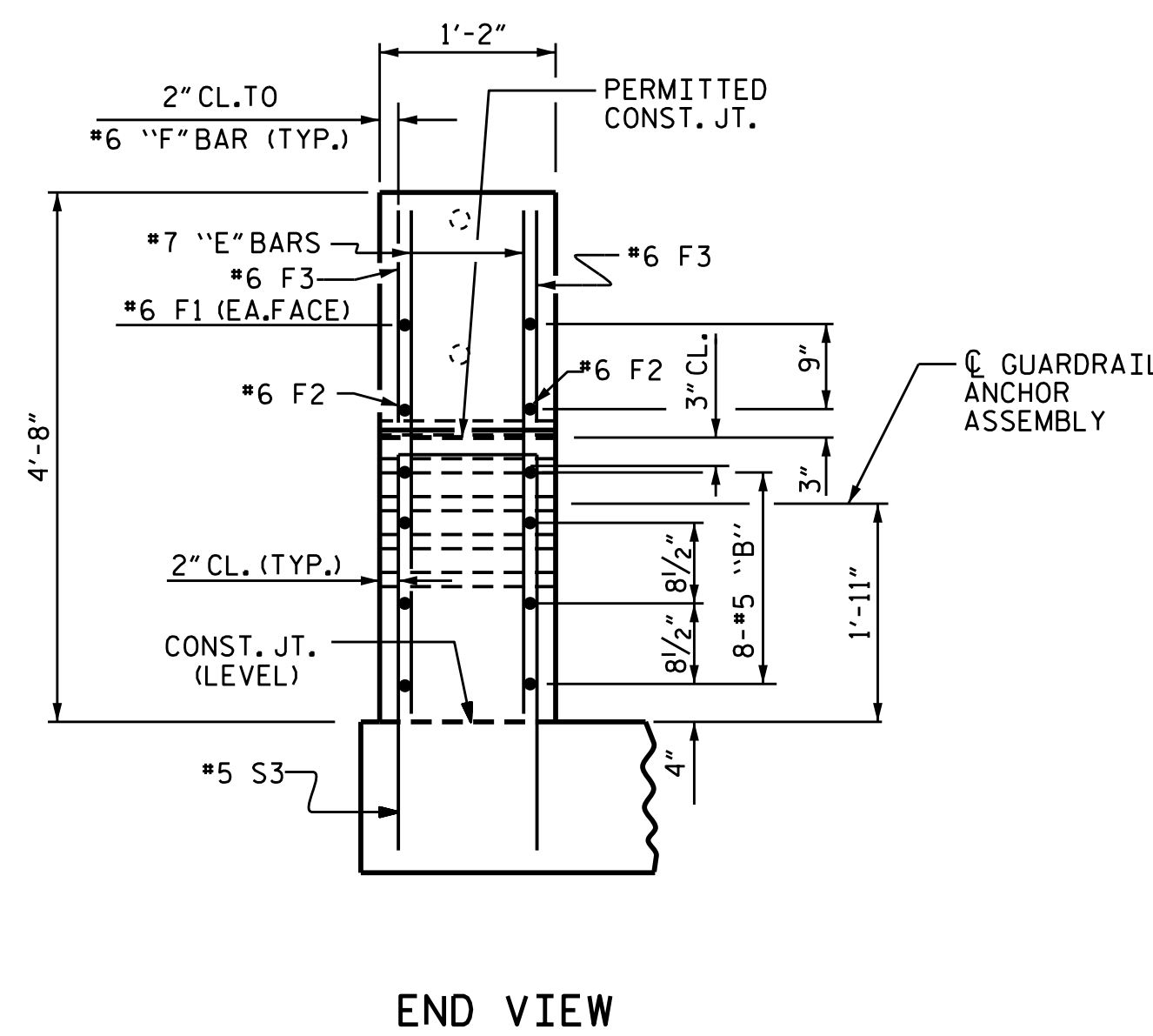
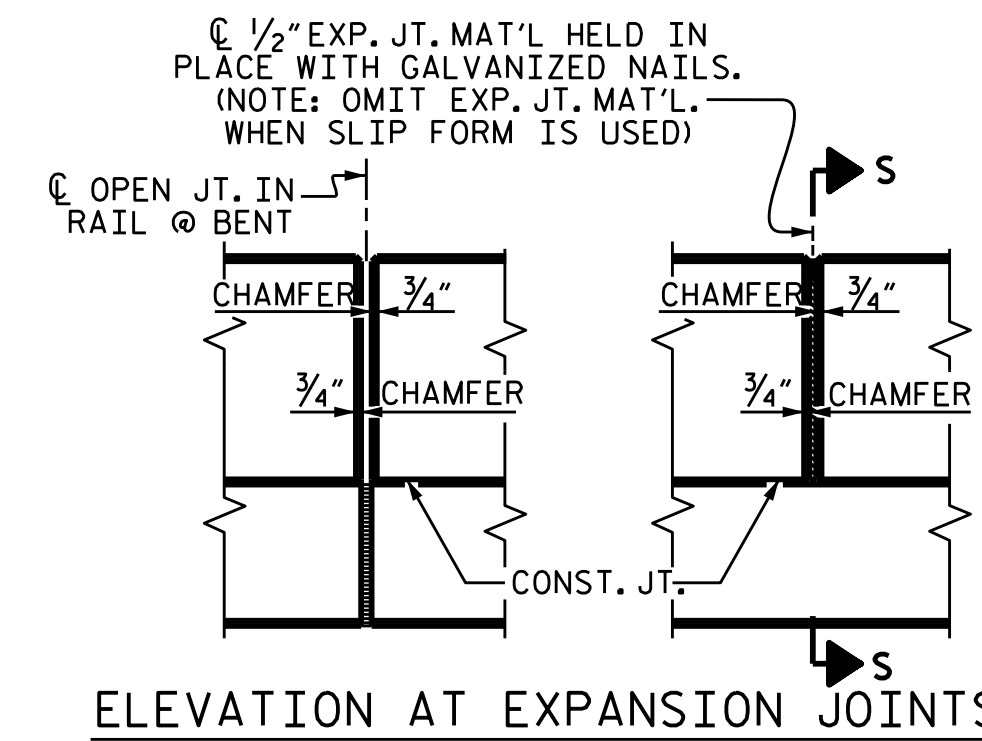
FOR DETAILS OF CONCRETE INSERTS IN END POSTS, SEE "RAIL POST SPACINGS AND END OF RAIL DETAILS" SHEET.

FOR DETAILS OF GUARDRAIL ANCHOR ASSEMBLIES, SEE "GUARDRAIL ANCHORAGE FOR METAL RAILS" SHEET.

GROOVED CONTRACTION JOINTS, 1/2" IN DEPTH, SHALL BE TOOLED IN ALL EXPOSED FACES OF THE PARAPET AND IN ACCORDANCE WITH ARTICLE 825-10(B) OF THE STANDARD SPECIFICATIONS. A CONTRACTION JOINT SHALL BE LOCATED AT EACH THIRD POINT BETWEEN PARAPET EXPANSION JOINTS. ONLY ONE CONTRACTION JOINT IS REQUIRED AT MIDPOINT OF PARAPET SEGMENTS LESS THAN 20 FEET IN LENGTH AND NO CONTRACTION JOINTS ARE REQUIRED FOR THOSE SEGMENTS LESS THAN 10 FEET IN LENGTH.



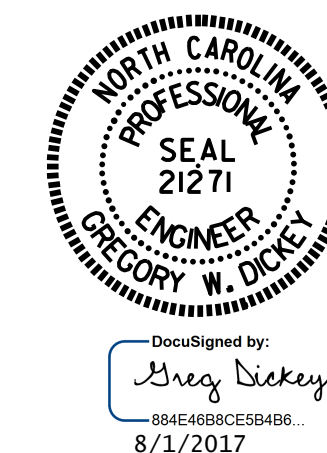
**SECTION S-S**  
AT DAM IN OPEN JOINT  
(THIS IS TO BE USED ONLY  
WHEN SLIP FORM IS USED)



**PARAPET AND END POST FOR TWO BAR RAIL**

BILL OF MATERIAL FOR PARAPET & END POSTS					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*B1	32	#5	STR	24'-2"	807
*B2	32	#5	STR	22'-1"	737
*B3	16	#5	STR	23'-9"	396
*E1	8	#7	STR	2'-5"	40
*E2	8	#7	STR	2'-11"	48
*E3	8	#7	STR	3'-5"	56
*E4	8	#7	STR	3'-11"	64
*E5	8	#7	STR	4'-4"	71
*F1	8	#6	STR	1'-9"	21
*F2	8	#6	STR	2'-11"	35
*F3	8	#6	STR	3'-3"	39
*S1	228	#5	1	5'-5"	1288
*S2	228	#5	2	5'-6"	1308
*S3	32	#5	STR	3'-0"	100
* EPOXY COATED REINFORCING STEEL				LBS.	5010
CLASS AA CONCRETE				CU.YDS.	26.4
TOTAL LIN. FT. OF CONCRETE PARAPET					236.67
BAR TYPES					
BAR DIMENSIONS ARE OUT TO OUT.					

PROJECT NO. B-5236  
 NEW HANOVER COUNTY  
 STATION: 15+64.40 -L-  
 SHEET 2 OF 2



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUPERSTRUCTURE PLAN OF PARAPET AND END POST DETAILS					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					S-18
					TOTAL SHEETS 35

DOCUMENT NOT CONSIDERED  
 FINAL UNLESS ALL  
 SIGNATURES COMPLETED

DRAWN BY: William F. Parker DATE: 02/16  
 CHECKED BY: J. P. ADAMS DATE: 08/16  
 DESIGN ENGINEER OF RECORD: A. K. PATEL DATE: 06/17