

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.

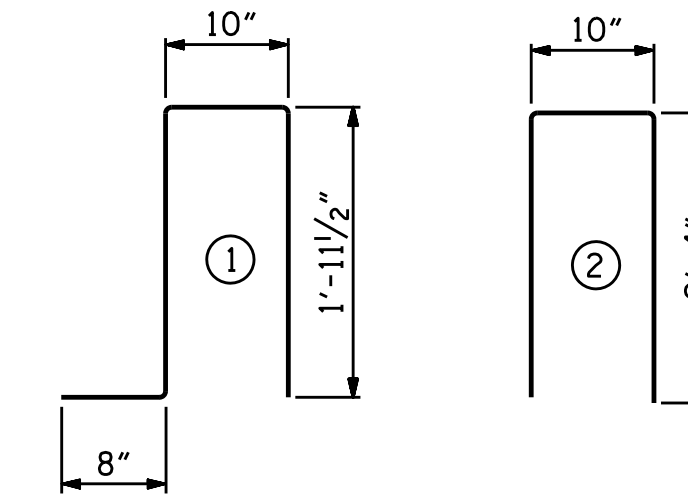
THE #5 S1 BARS MAY BE SHIFTED SLIGHTLY IN ORDER TO MAINTAIN A 2" MINIMUM CLEARANCE TO THE 1/2" EXPANSION JOINT MATERIAL IN THE PARAPET.

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

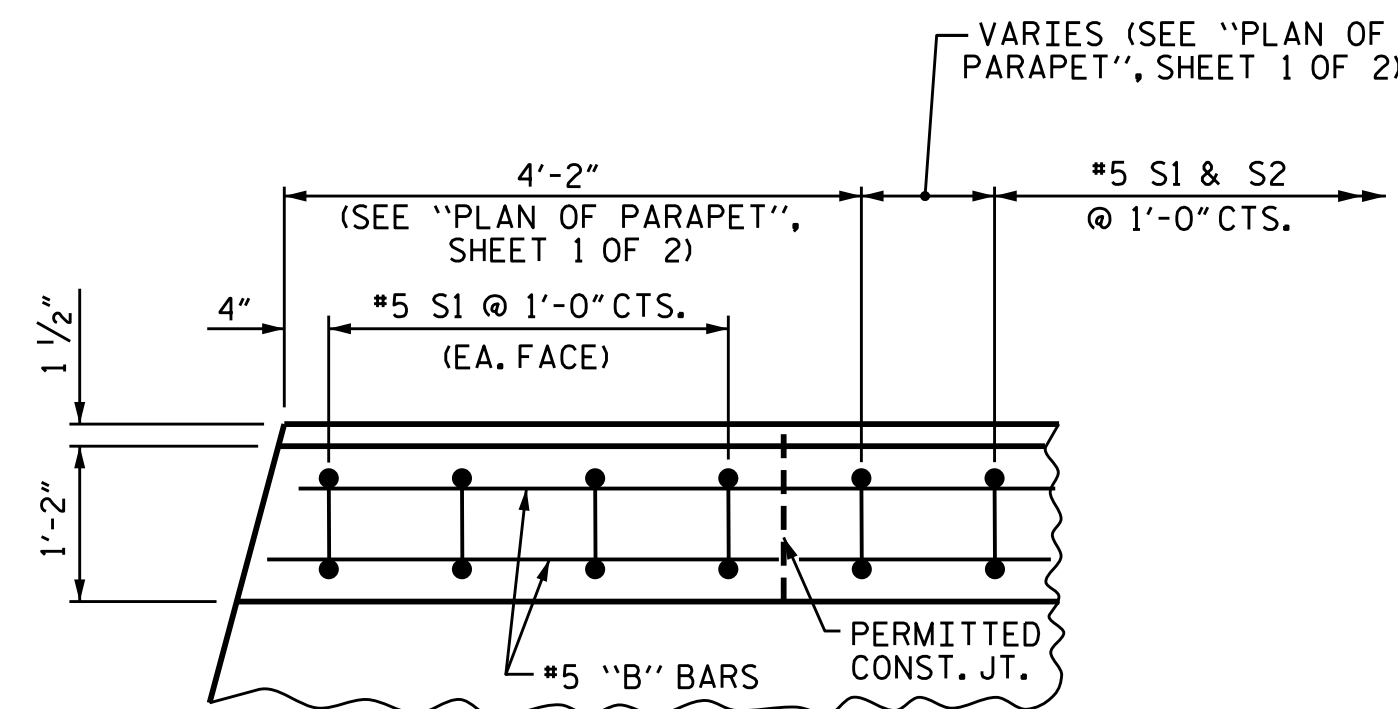
FOR DETAILS OF GUARDRAIL ANCHOR ASSEMBLIES, SEE "GUARDRAIL ANCHORAGE FOR METAL RAILS" SHEET.

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.

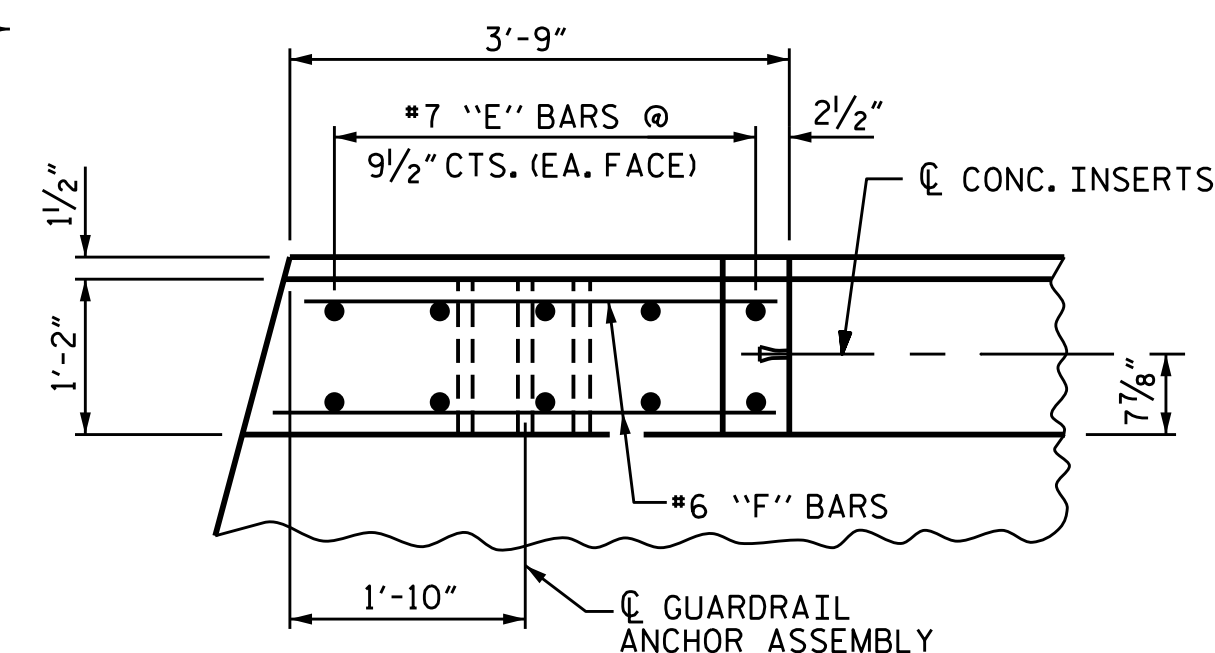
BAR TYPE		BILL OF MATERIAL FOR PARAPET & END POSTS				
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
*B1	64	#5	STR	11'-0"	734	
*B2	32	#5	STR	18'-7"	620	
*B3	48	#5	STR	20'-7"	1030	
*E1	8	#7	STR	2'-6"	41	
*E2	8	#7	STR	3'-0"	49	
*E3	8	#7	STR	3'-6"	57	
*E4	8	#7	STR	4'-0"	65	
*E5	8	#7	STR	4'-4"	71	
*F1	8	#6	STR	1'-11"	23	
*F2	8	#6	STR	3'-2"	38	
*F3	8	#6	STR	3'-6"	42	
*S1	278	#5	1	5'-5"	1571	
*S2	262	#5	2	5'-6"	1503	
* EPOXY COATED REINFORCING STEEL				5844	LBS.	
CLASS AA CONCRETE				30.7	CU.YDS.	
LENGTH OF CONCRETE PARAPET				276.47	LIN. FT.	



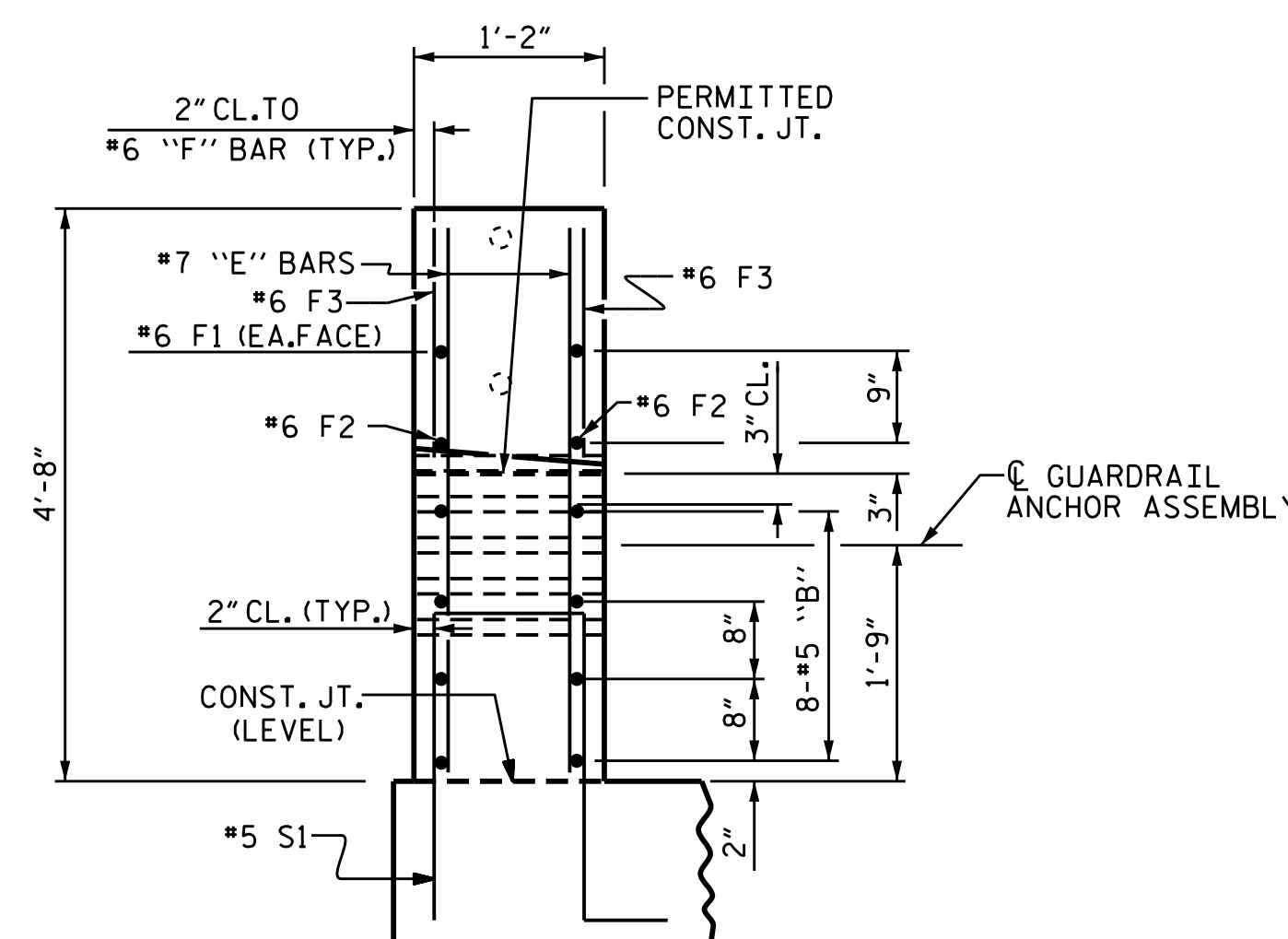
BAR DIMENSIONS ARE OUT TO OUT.



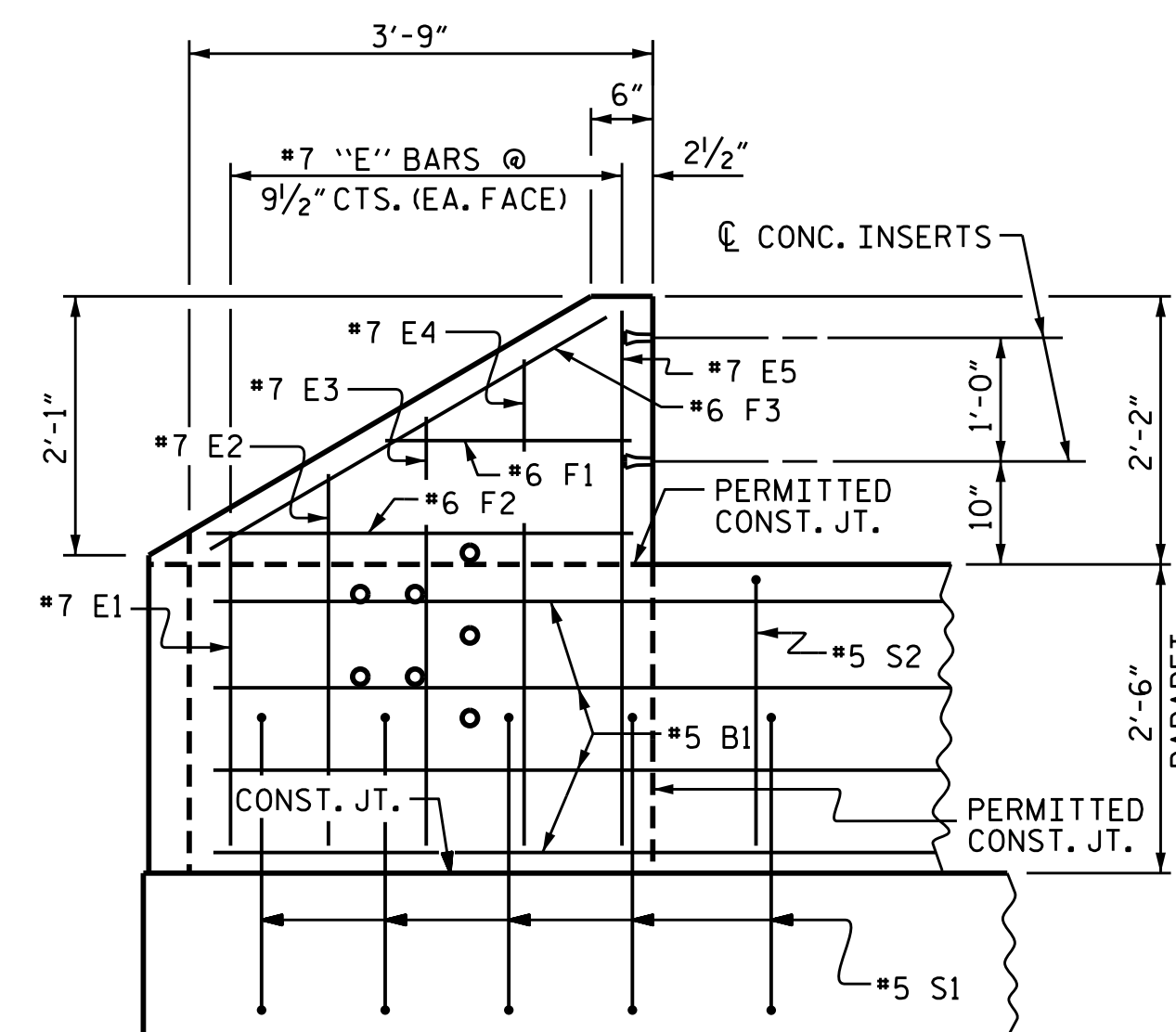
PLAN OF PARAPET



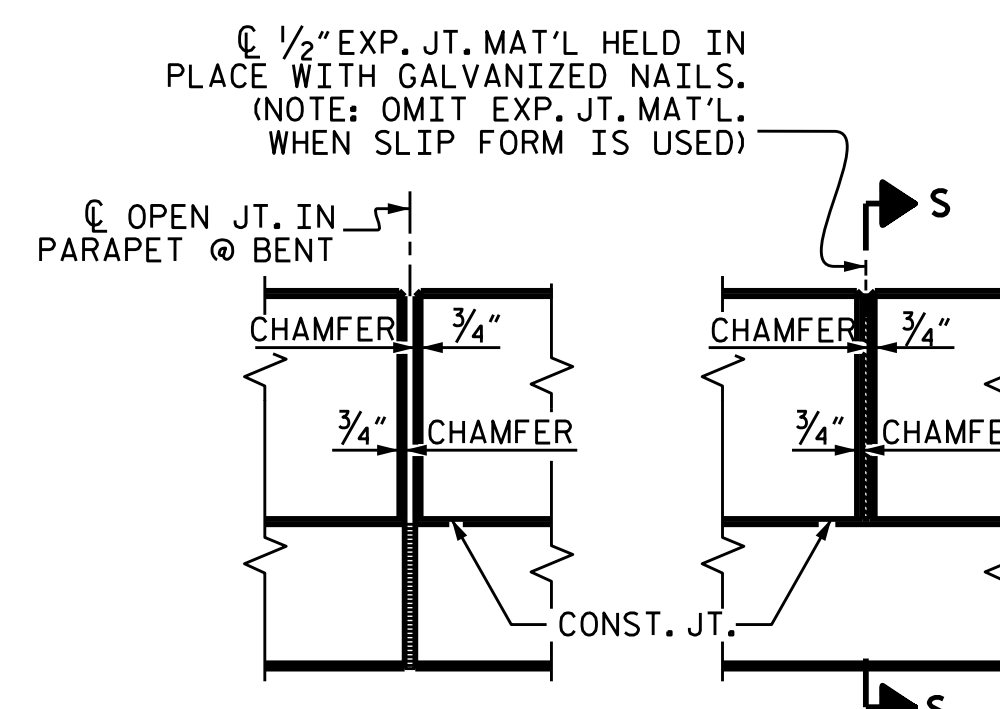
PLAN OF END POST



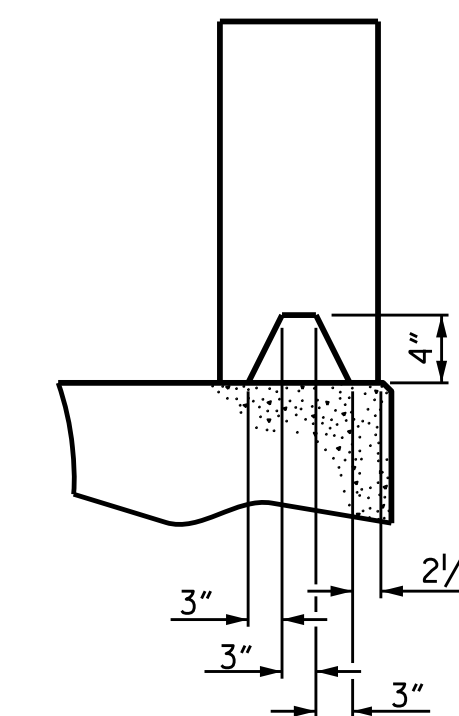
END VIEW



ELEVATION



ELEVATION AT EXPANSION JOINTS

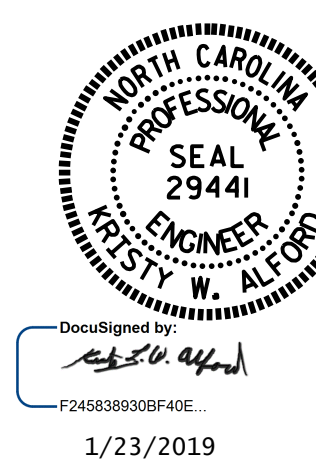


SECTION S-S

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

PROJECT NO. R-5021
BRUNSWICK COUNTY
 STATION: 369+42.00 -L-

SHEET 2 OF 2



1/23/2019

DRAWN BY : WFP / QTN DATE : 8/14/18
 CHECKED BY : M.K. BEARD DATE : 11/18
 DESIGN ENGINEER OF RECORD: A.K. PATEL DATE : 1/17/19

23-JAN-2019 08:24
 Z:\Structures\Plans\Str1\NR-5021.SMU.01.PR_090259.dgn
 kaiford

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-20	
1			3			TOTAL SHEETS 38	
2			4				

STR. #1