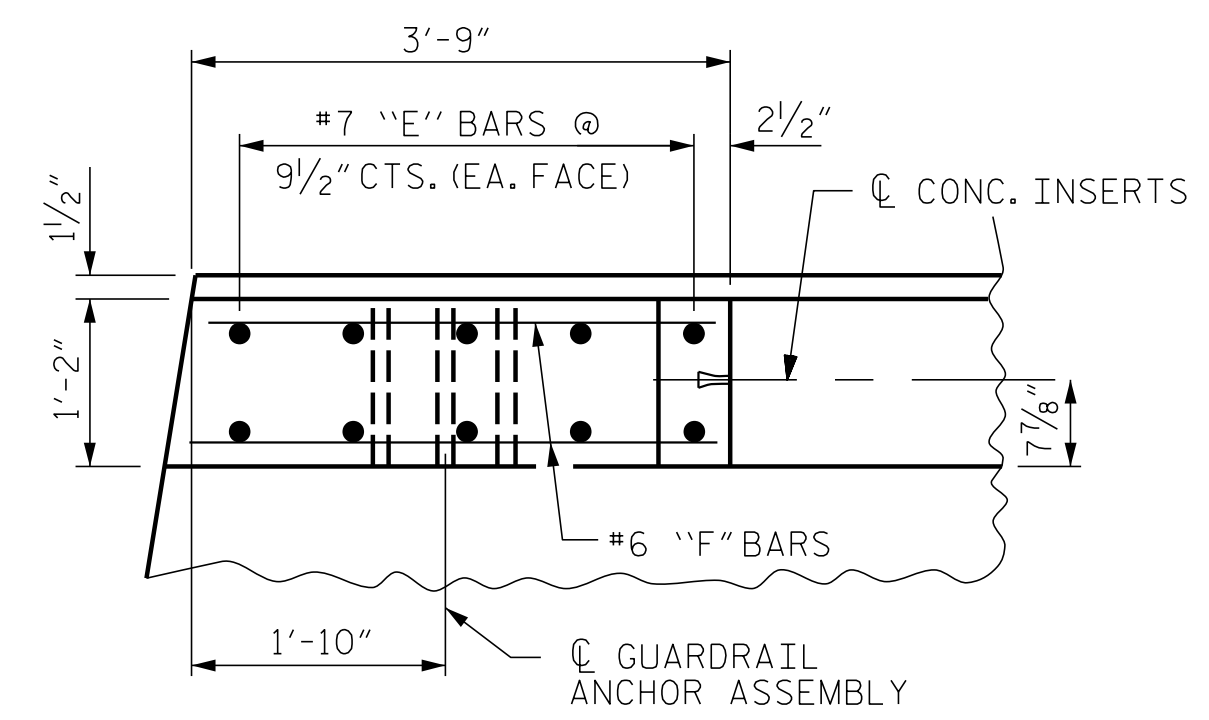
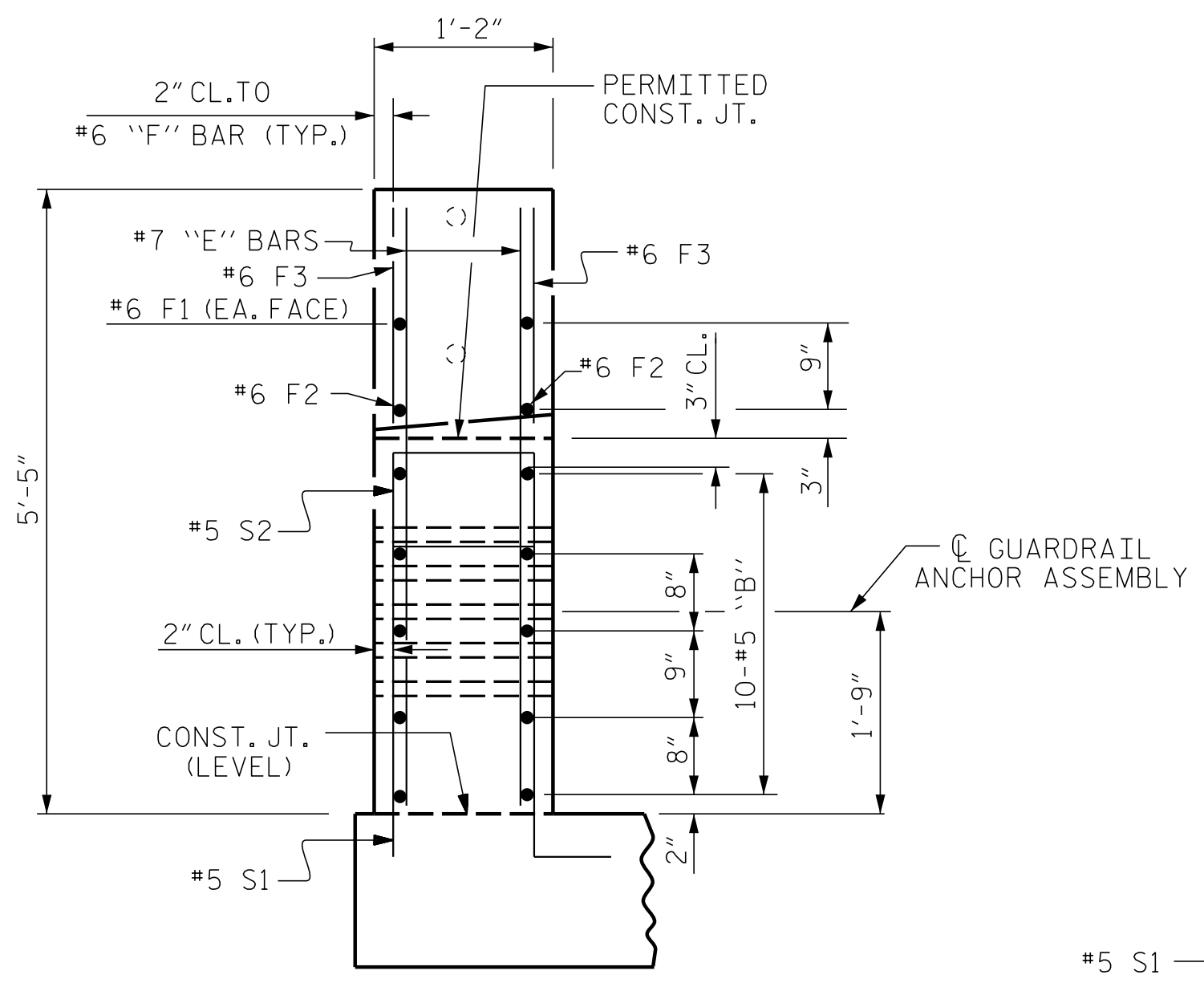


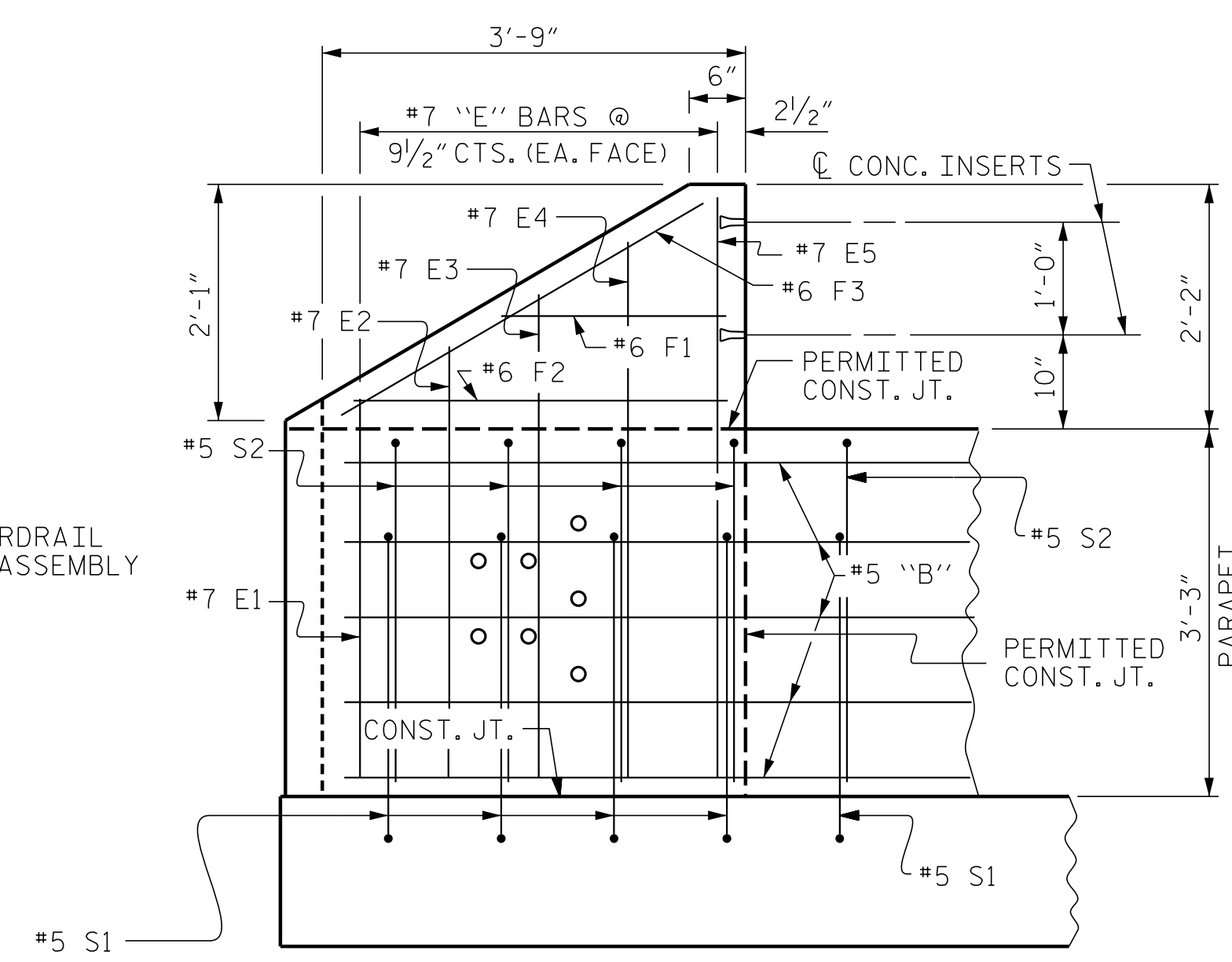
PLAN OF PARAPET



PLAN OF END POST



END VIEW

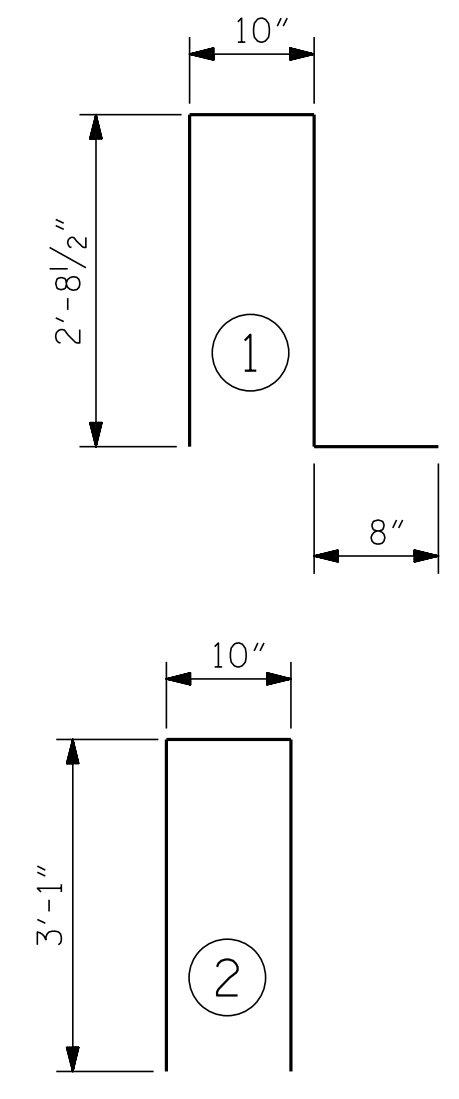


ELEVATION

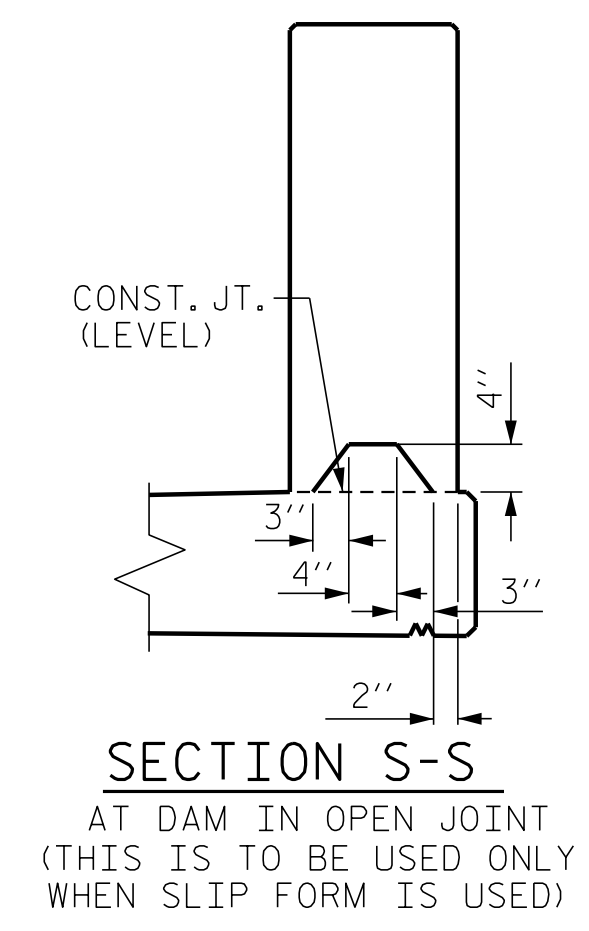
**PARAPET AND END POST FOR TWO BAR RAIL**

FOR GUARDRAIL ANCHORAGE DETAILS AND LOCATION, SEE "GUARDRAIL ANCHORAGE DETAILS FOR METAL RAILS" SHEET.

BAR TYPE		BILL OF MATERIAL FOR PARAPETS AND 4 END POSTS					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT			
* B1	80	#5	STR	13'-10"	1154		
* B2	120	#5	STR	23'-7"	2952		
* E1	8	#7	STR	3'-3"	53		
* E2	8	#7	STR	3'-9"	61		
* E3	8	#7	STR	4'-3"	69		
* E4	8	#7	STR	4'-9"	78		
* E5	8	#7	STR	5'-1"	83		
* F1	8	#6	STR	1'-10"	22		
* F2	8	#6	STR	3'-0"	36		
* F3	8	#6	STR	3'-4"	40		
* S1	386	#5	1	6'-11"	2785		
* S2	386	#5	2	7'-0"	2818		
					* EPOXY COATED REINFORCING STEEL	10,151 LBS.	
					CLASS "AA" CONCRETE	55.0 C.Y.	
					1'-2" x 3'-3" CONCRETE PARAPET	385.55 L.F.	

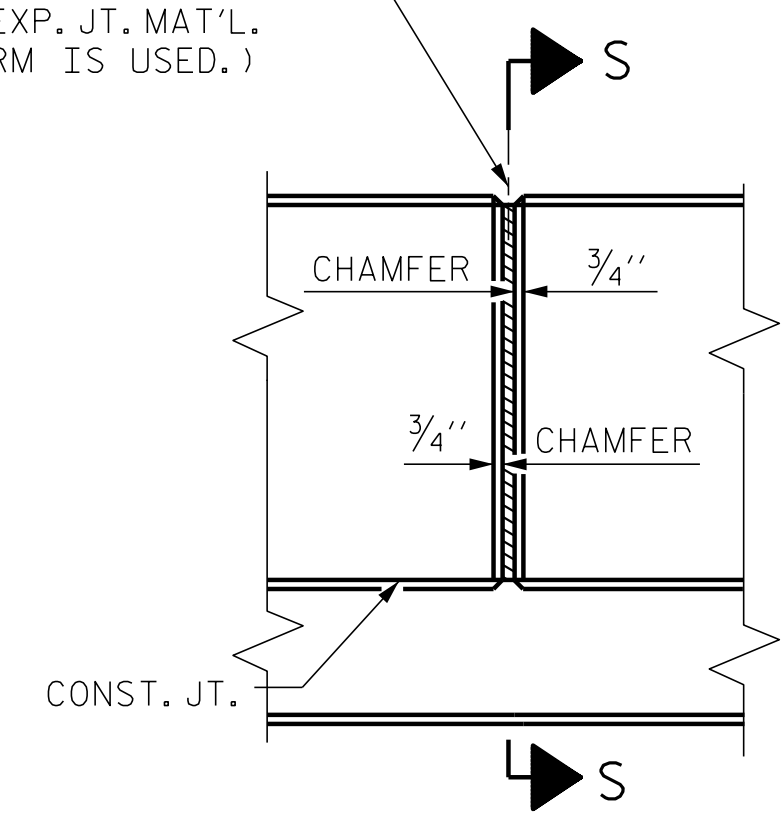


BAR DIMENSIONS ARE OUT TO OUT.



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

1/2" EXP. JT. MAT'L HELD IN PLACE WITH GALVANIZED NAILS.  
(NOTE: OMIT EXP. JT. MAT'L WHEN SLIP FORM IS USED.)



ELEVATION AT JOINTS IN PARAPET

PROJECT NO. W-5600  
JOHNSTON COUNTY  
 STATION: 27+01.91 -Y7-  
 SHEET 2 OF 2

ENGINEER OF RECORD: 3/25/2019  Gregory M. Gilland WETHERILL ENGINEERING		STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH 1'-2" x 3'-3" CONCRETE PARAPET FOR 2 BAR METAL RAIL																			
1223 Jones Franklin Rd. Raleigh, N.C. 27606 Bus: 919 851 8077 Fax: 919 851 8107 LICENSE NO. F-0377		REVISIONS <table border="1"> <tr> <th>NO.</th> <th>BY:</th> <th>DATE:</th> <th>NO.</th> <th>BY:</th> <th>DATE:</th> </tr> <tr> <td>1</td> <td></td> <td></td> <td>3</td> <td></td> <td></td> </tr> <tr> <td>2</td> <td></td> <td></td> <td>4</td> <td></td> <td></td> </tr> </table>		NO.	BY:	DATE:	NO.	BY:	DATE:	1			3			2			4		
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2			4																		
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			SHEET NO. S3-15 TOTAL SHEETS 32																		

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DRAWN BY: D. HODGE DATE: 11/17  
 CHECKED BY: G.M. GILLAND DATE: 1/18