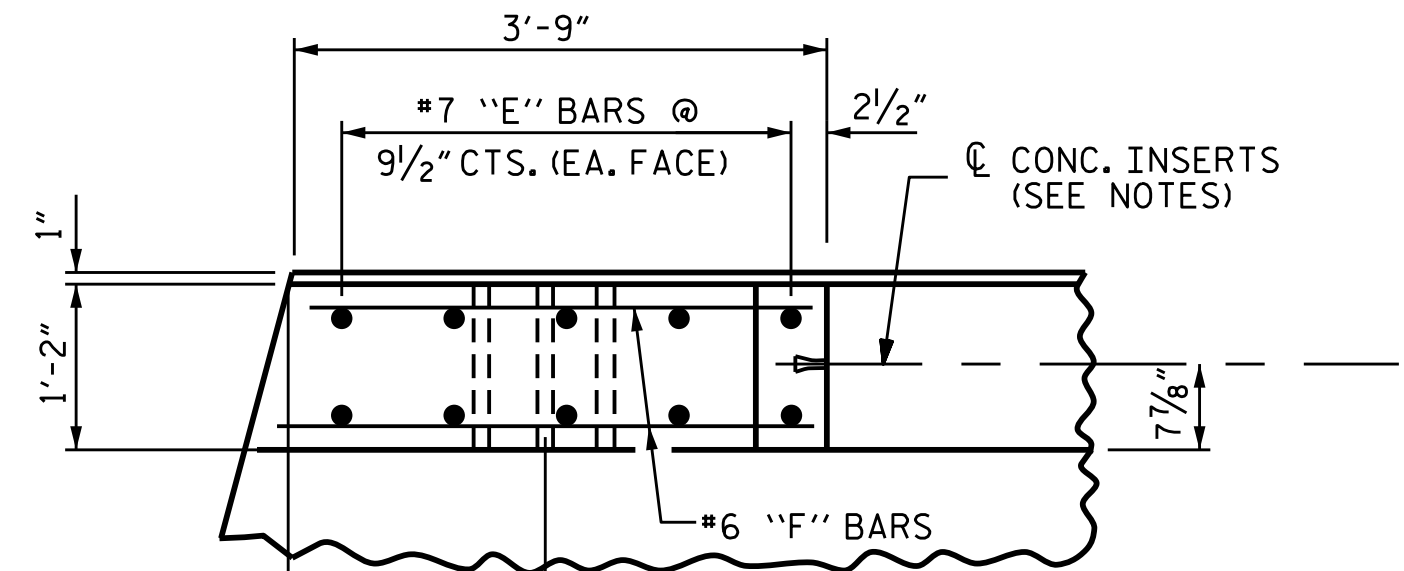
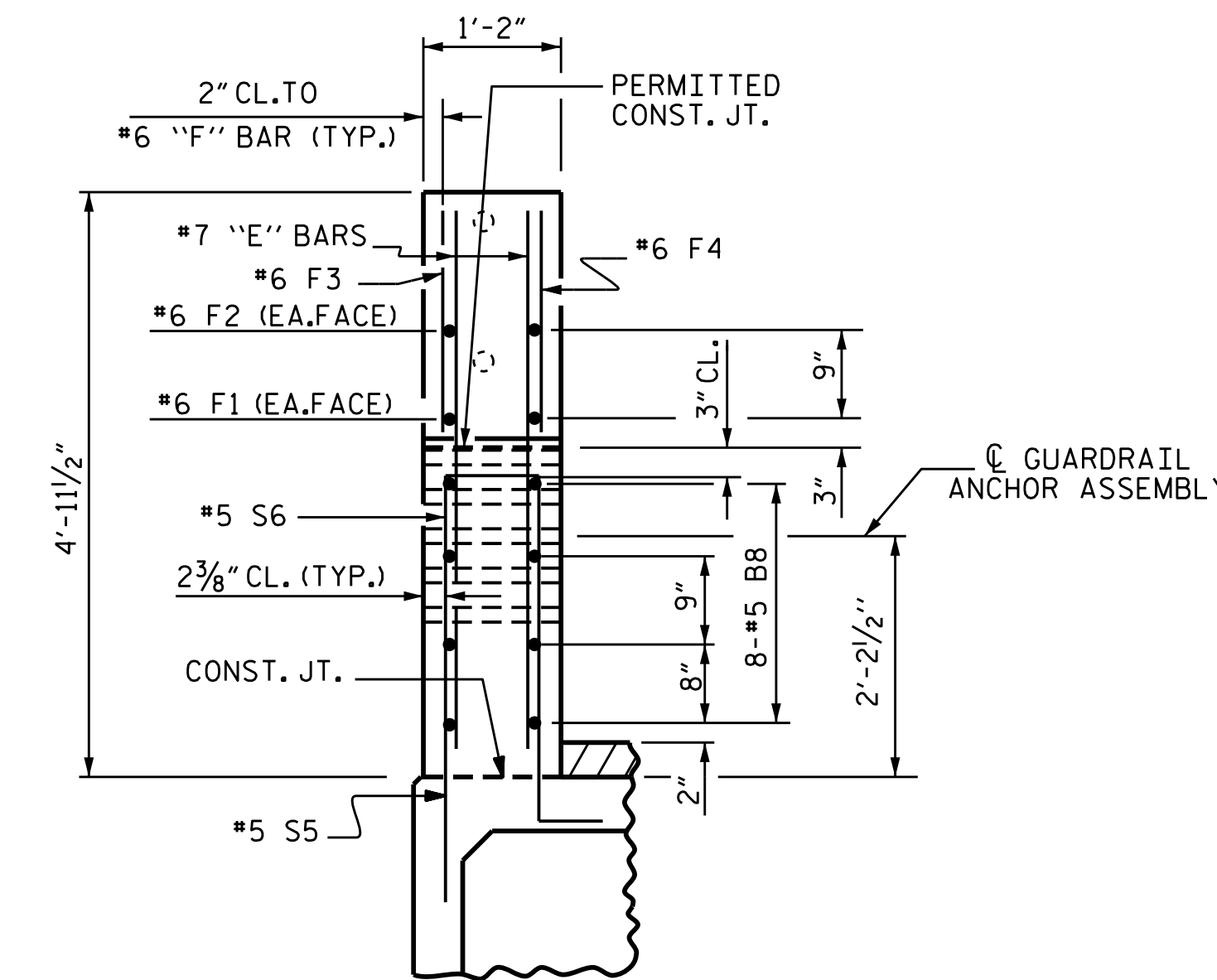


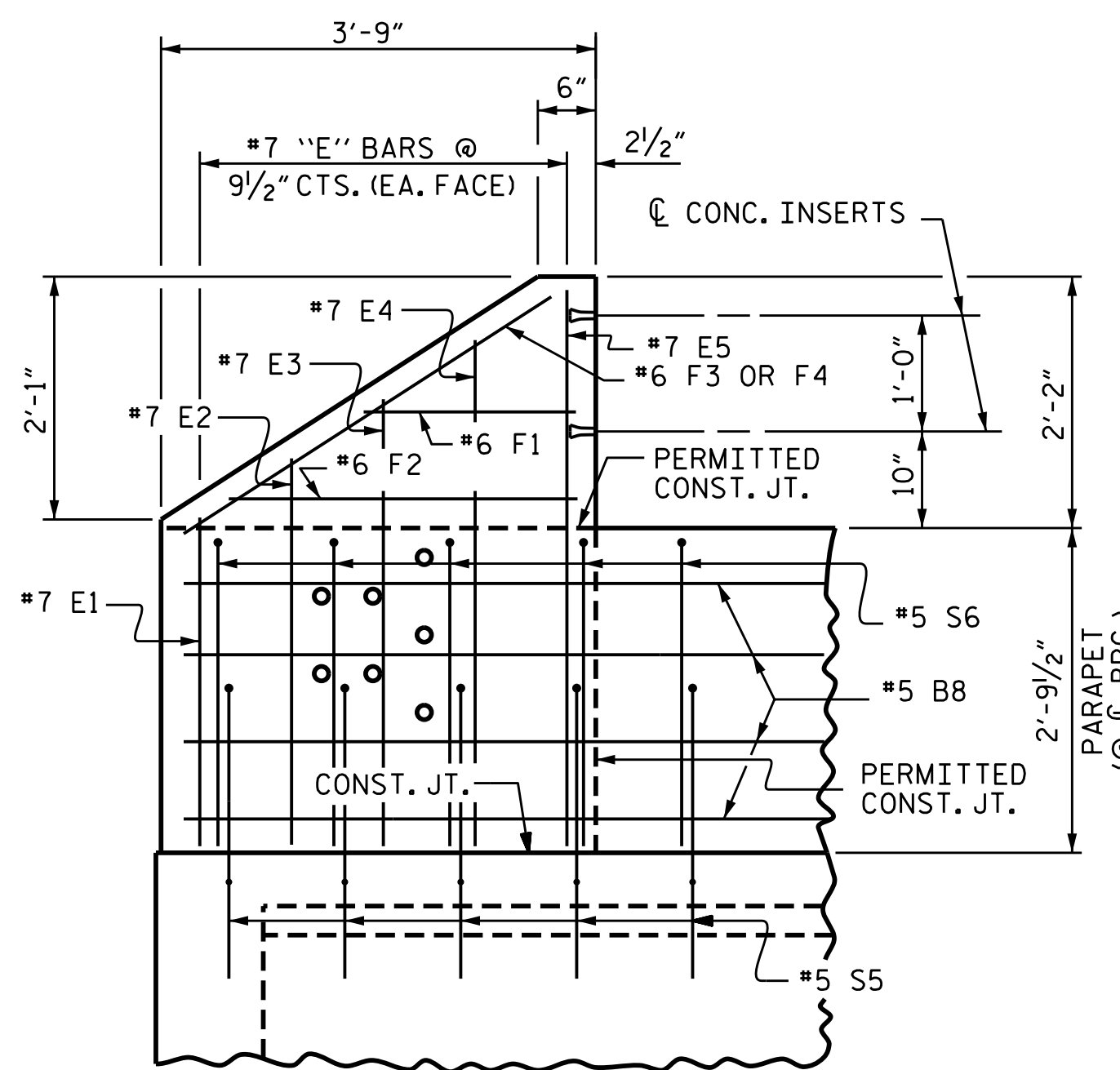
PLAN OF PARAPET



PLAN OF END POST

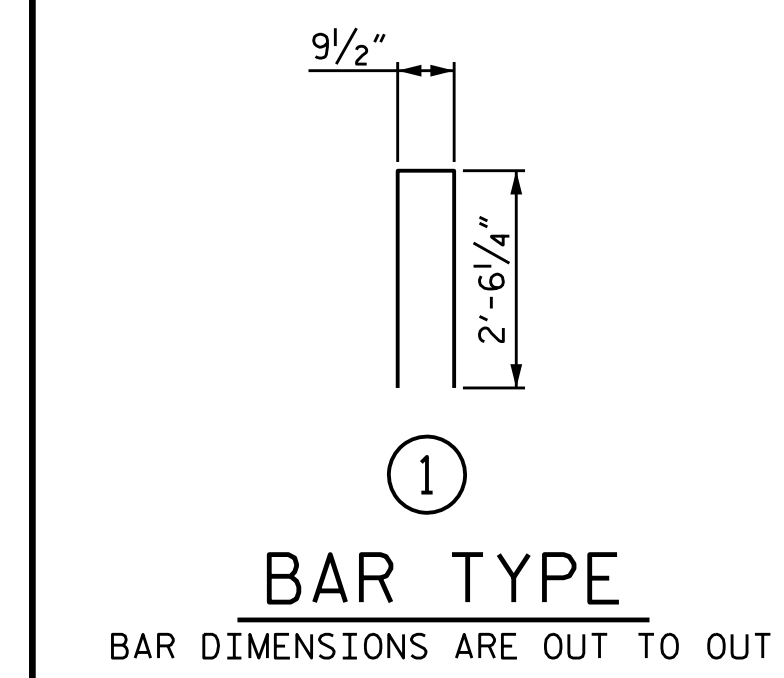


END VIEW



ELEVATION

PARAPET AND END POST FOR TWO BAR RAIL



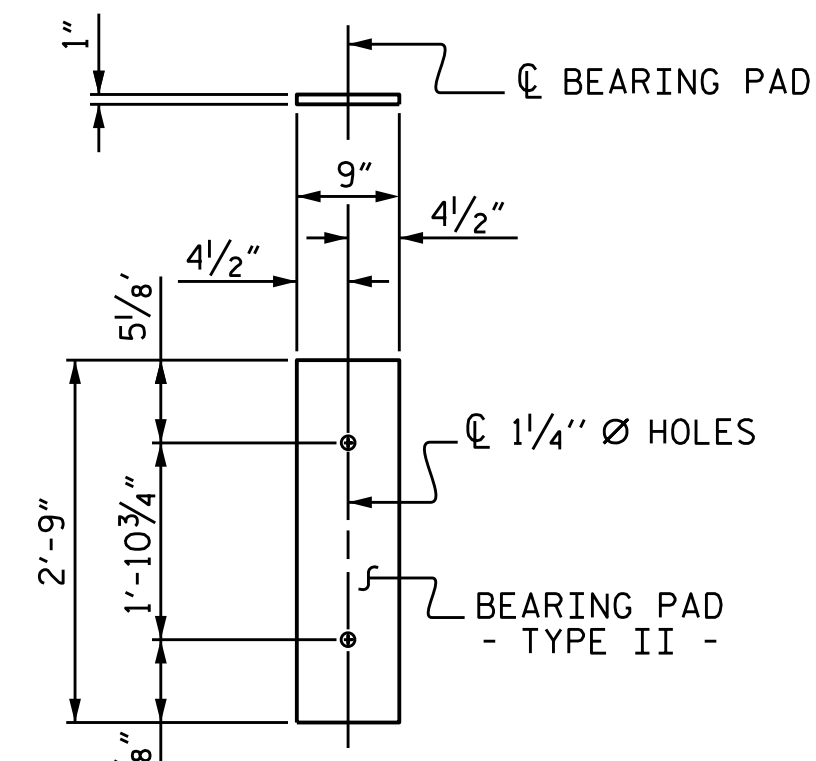
BAR TYPE

BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL FOR PARAPET & 4 END POSTS					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*B8	96	#5	STR	14'-11"	1494
*E1	8	#7	STR	2'-11"	48
*E2	8	#7	STR	3'-4"	55
*E3	8	#7	STR	3'-10"	63
*E4	8	#7	STR	4'-3"	69
*E5	8	#7	STR	4'-7"	75
*F1	8	#6	STR	2'-0"	24
*F2	8	#6	STR	3'-3"	39
*F3	4	#6	STR	3'-7"	22
*F4	4	#6	STR	3'-11"	24
*S6	160	#5	1	5'-10"	973
* EPOXY COATED REINFORCING STEEL				LBS.	2886
CLASS AA CONCRETE				CU.YDS.	20.2
TOTAL LIN. FT. OF 1'-2" X 2'-9 1/2" CONCRETE PARAPET					160.00

BOX BEAM UNITS REQUIRED

SPAN A	NUMBER	LENGTH	TOTAL LENGTH
EXTERIOR B.B.	2	80'-0"	160'-0"
INTERIOR B.B.	9	80'-0"	720'-0"
TOTAL	11		880'-0"



FIXED END (TYPE II - 22 REO'D)

ELASTOMERIC BEARING DETAILS

ELASTOMER IN ALL BEARINGS SHALL BE 60 DUROMETER HARDNESS.

GUTTERLINE ASPHALT THICKNESS & PARAPET HEIGHT

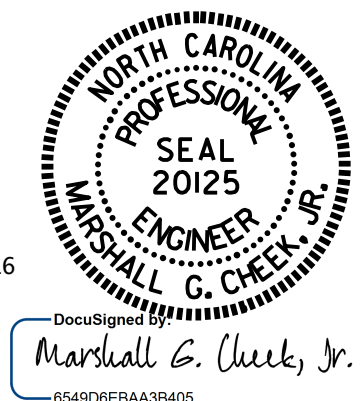
	ASPHALT OVERLAY THICKNESS @ MID-SPAN	PARAPET HEIGHT @ MID-SPAN
80' UNITS	2 1/4"	2'-8 1/4"

NOTES

FOR DETAILS OF CONCRETE INSERT AND GUARDRAIL ANCHOR ASSEMBLY, SEE "RAIL POST SPACINGS AND END OF RAIL DETAILS" SHEETS.  
 ALL REINFORCING STEEL IN CONCRETE PARAPET SHALL BE EPOXY COATED.  
 THE REINFORCING STEEL & CONCRETE IN THE END POSTS ARE INCLUDED IN THE UNIT PRICE BID FOR THE CONCRETE PARAPET.

PROJECT NO. B-5396  
BUNCOMBE COUNTY  
 STATION: 17+00.00 -L-

SHEET 5 OF 5

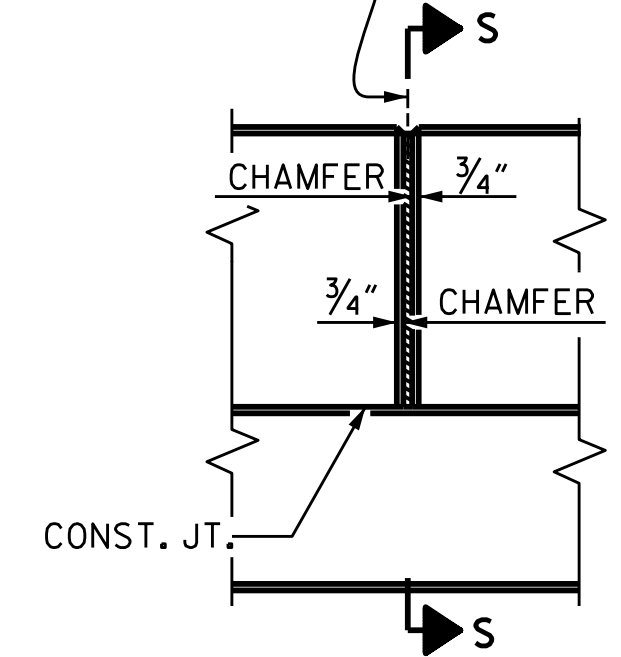


STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 1'-2" X 2'-9 1/2"  
 CONCRETE PARAPET  
 DETAILS

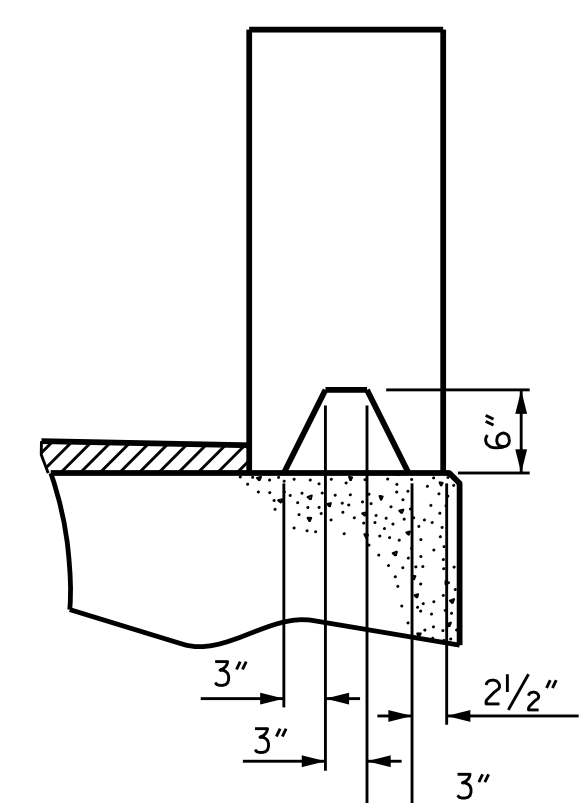
REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-8
1			3			TOTAL SHEETS
2			4			18

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

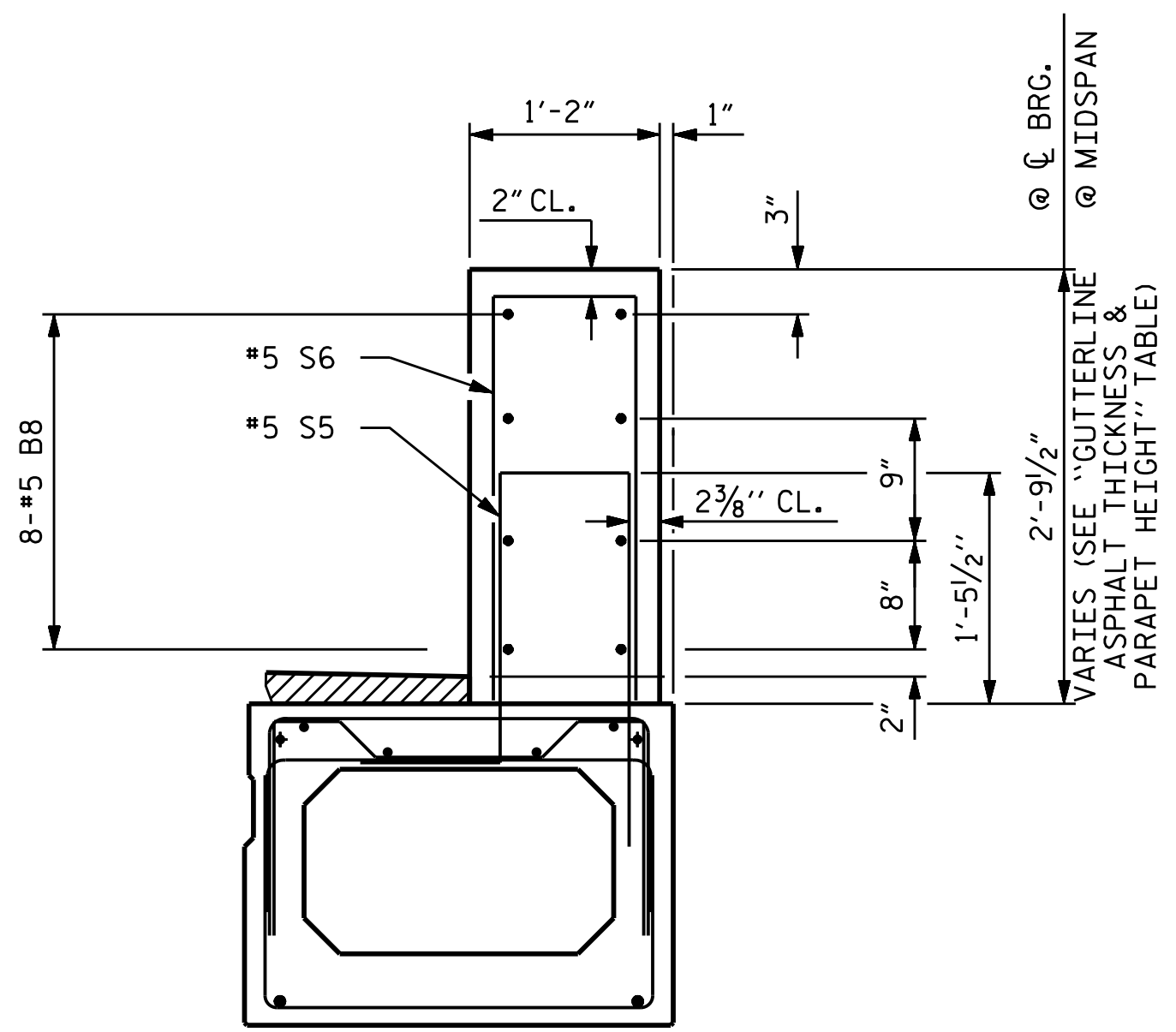
1/2" EXP. JT. MAT'L HELD IN PLACE WITH GALVANIZED NAILS. (NOTE: OMIT EXP. JT. MAT'L. WHEN SLIP FORM IS USED)



ELEVATION AT EXPANSION JOINTS



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



SECTION THRU PARAPET

DRAWN BY: M. POOLE DATE: 10-15  
 CHECKED BY: B. N. GRADY DATE: -