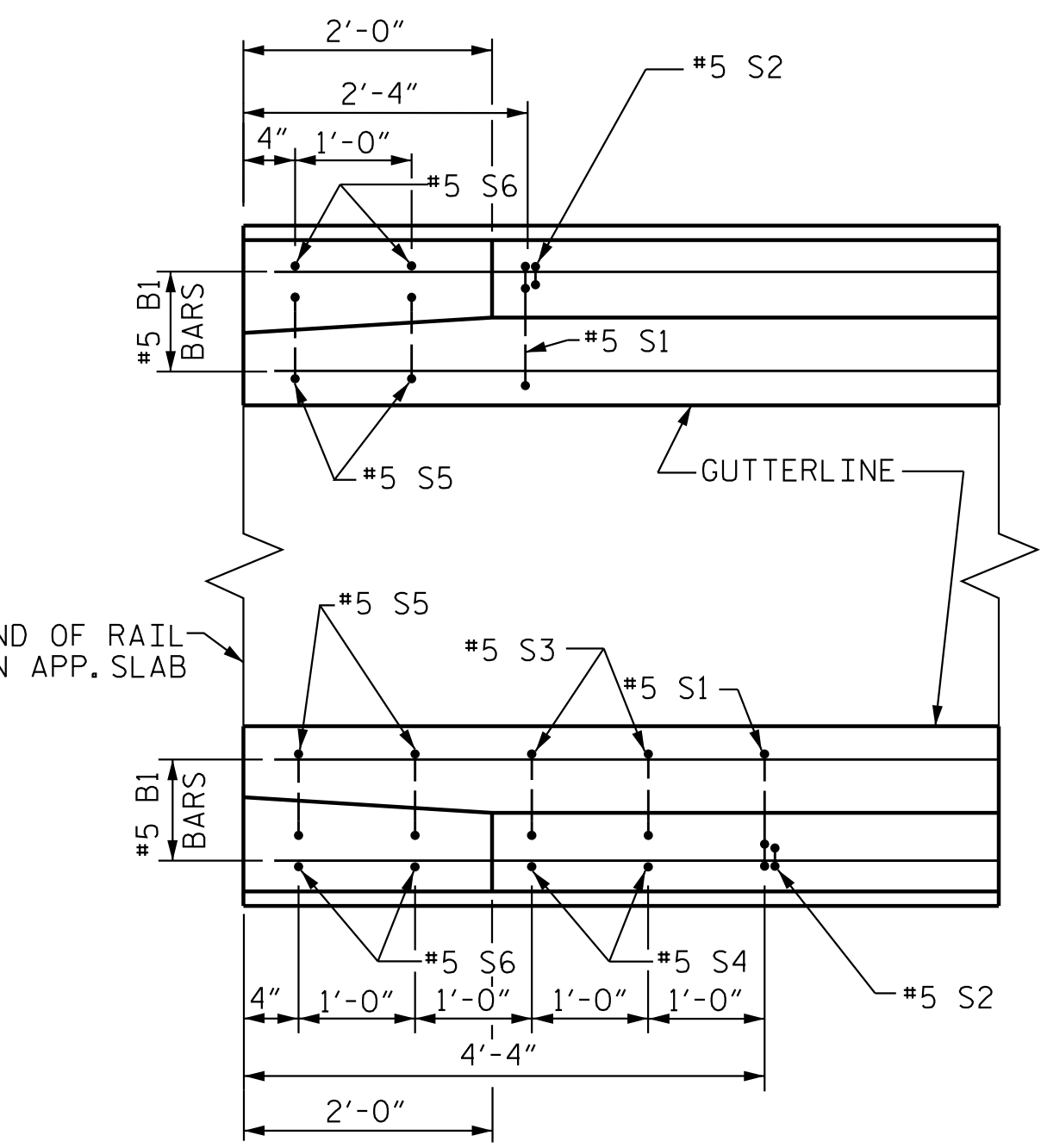
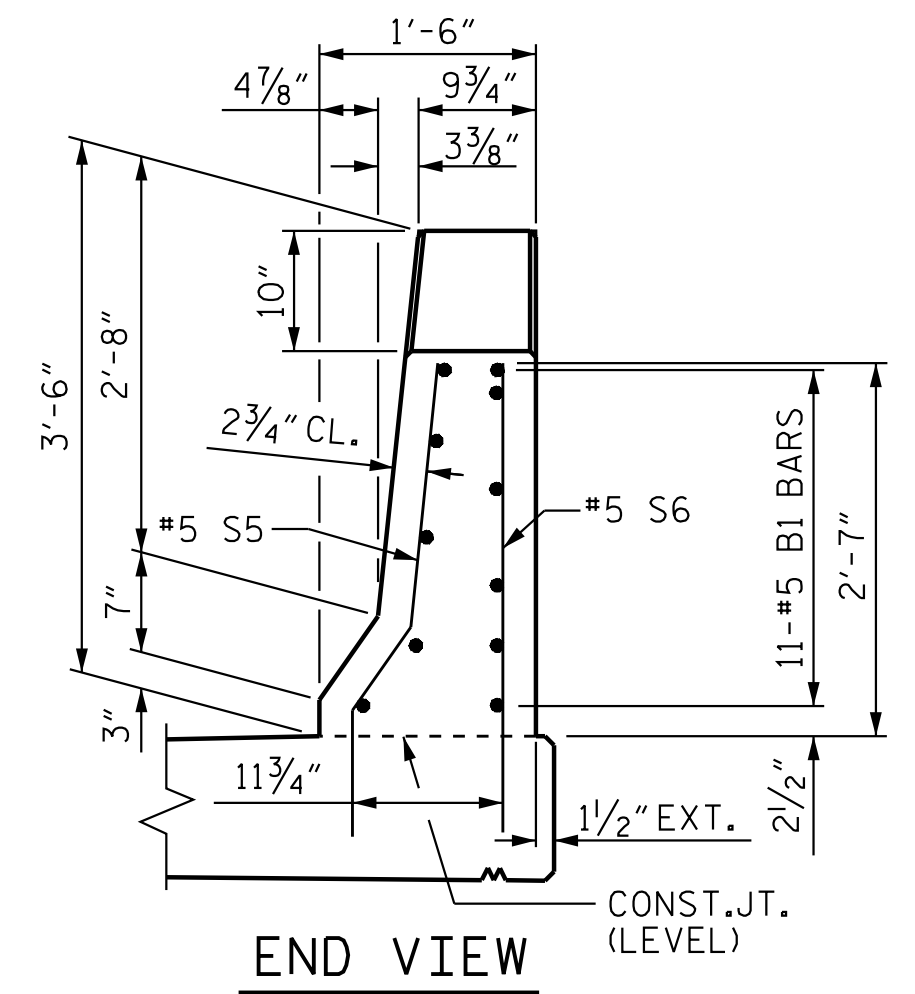


PLAN

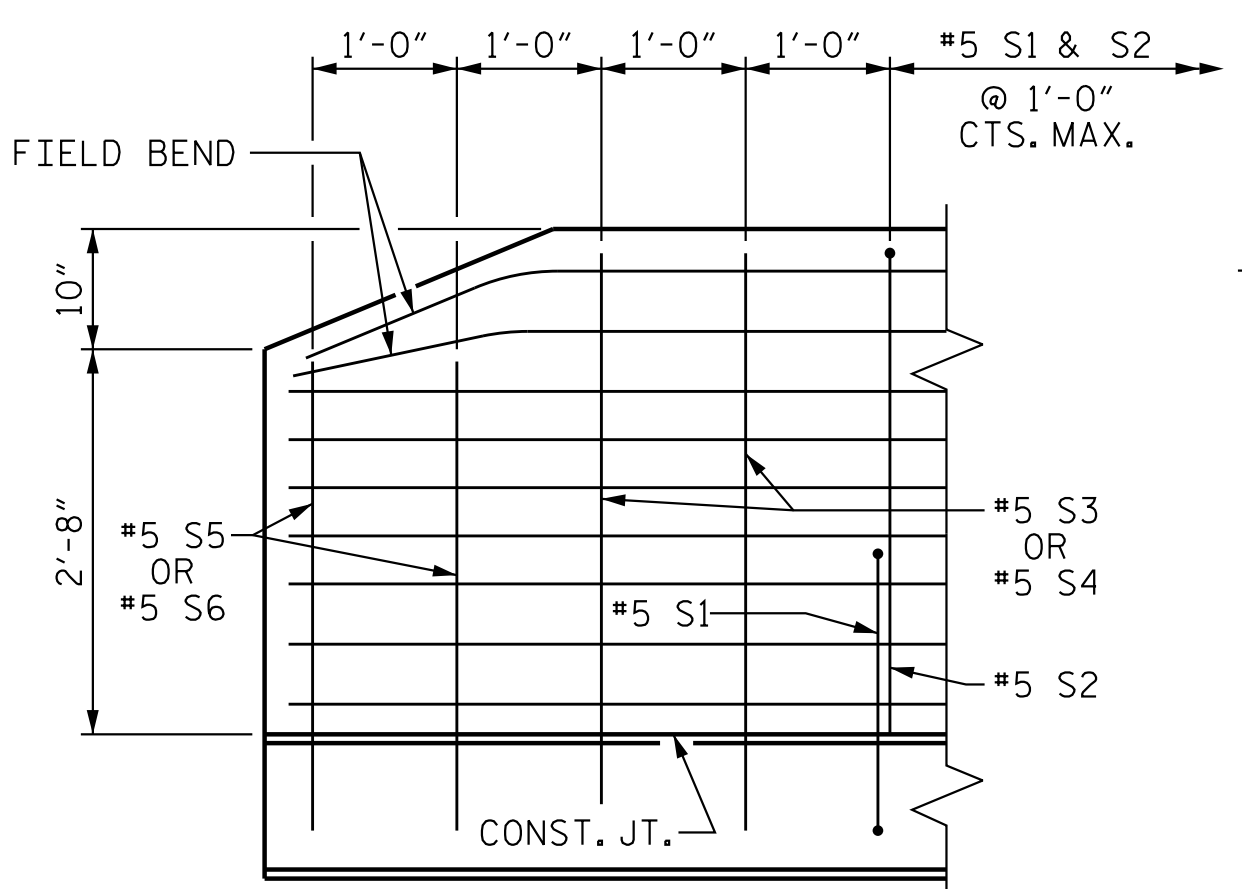


PLAN

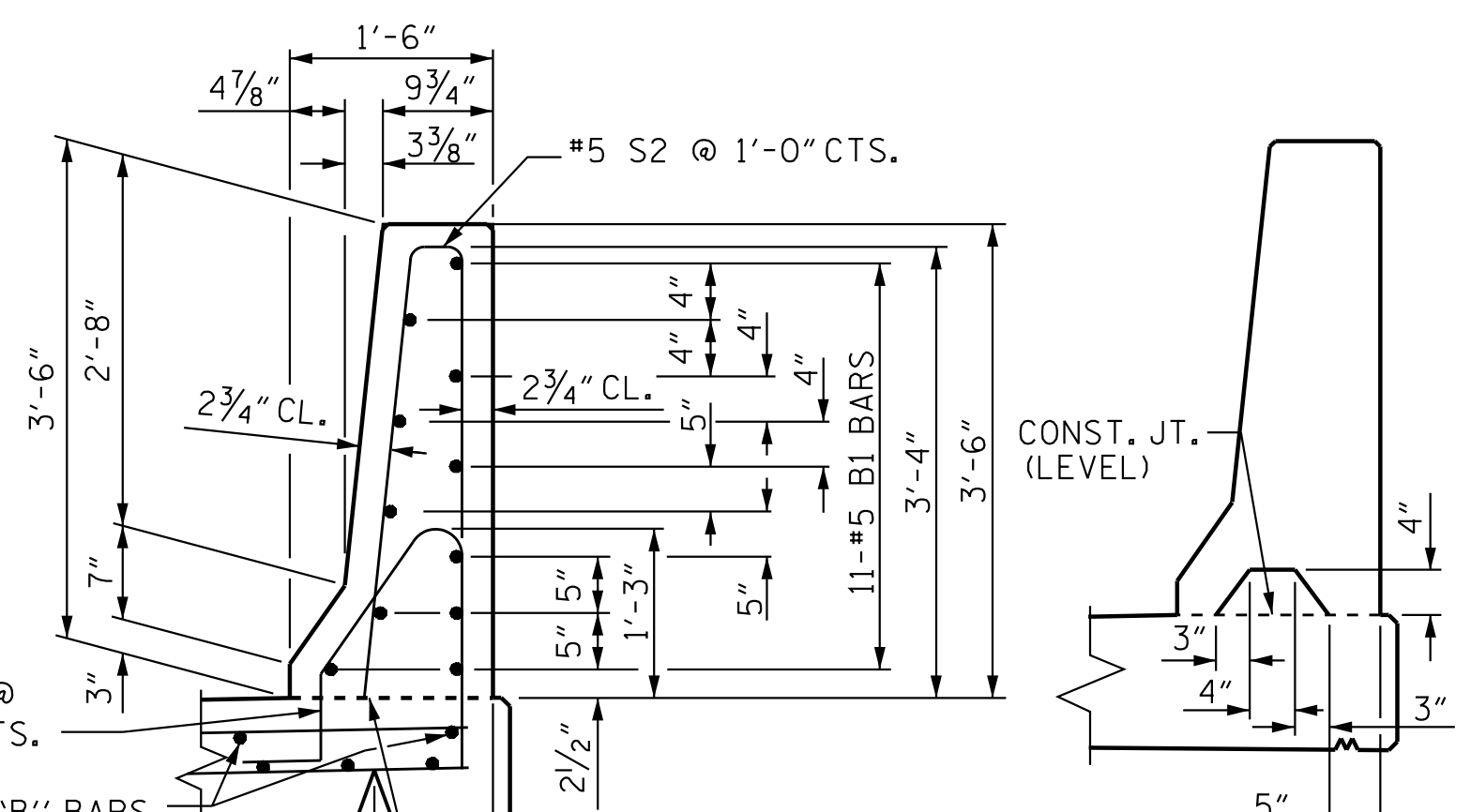


END VIEW

END OF RAIL DETAILS

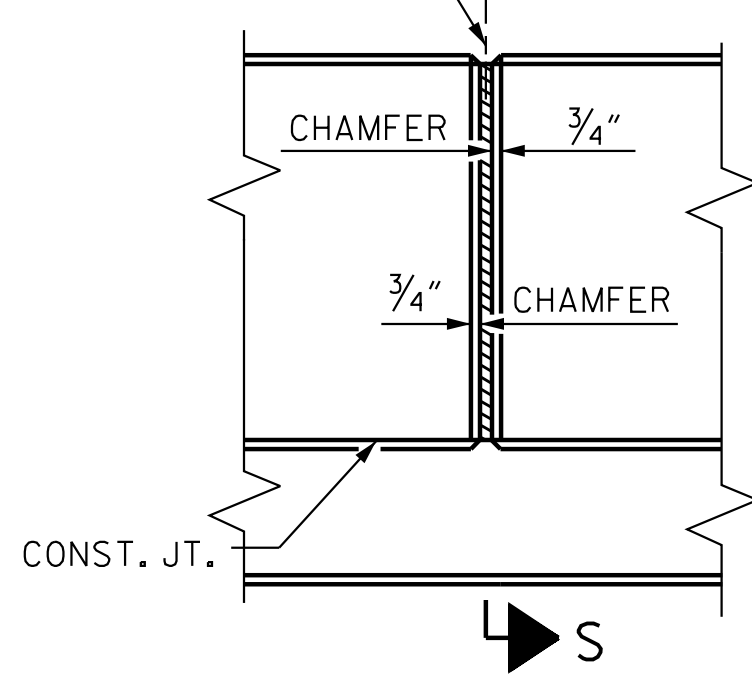


SIDE VIEW

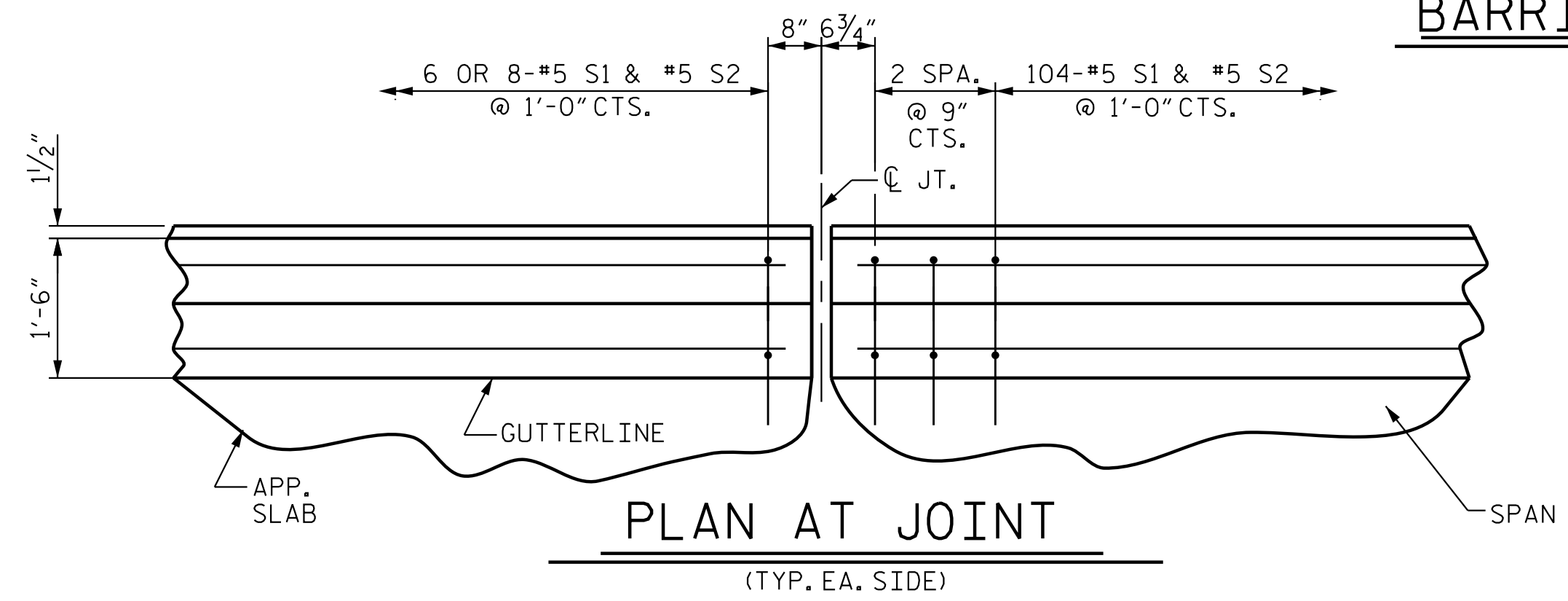


SECTION THRU RAIL

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  
BARRIER RAIL DETAILS



PLAN AT JOINT

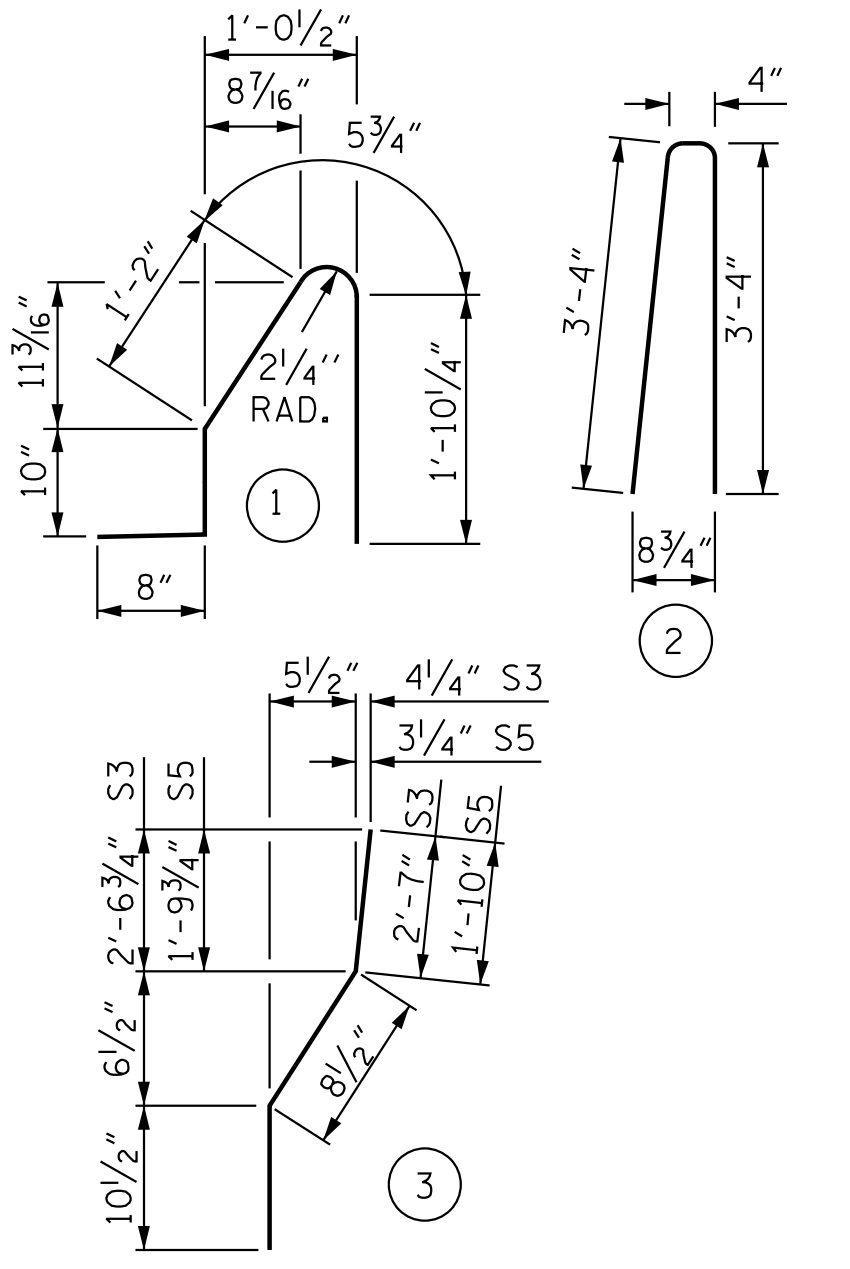
NOTES

THE BARRIER RAIL IN EACH SPAN SHALL NOT BE CAST UNTIL ALL SLAB CONCRETE IN THAT SPAN HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.

ALL REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.

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

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

FOR CONCRETE BARRIER RAIL ONLY

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*S1	244	#5	1	5'-0"	1273
*S2	244	#5	2	7'-0"	1781
*S3	4	#5	3	4'-2"	17
*S4	4	#5	STR	4'-0"	17
*S5	8	#5	3	3'-5"	29
*S6	8	#5	STR	3'-3"	27
*B1	44	#5	STR	26'-5"	1212
*B2	44	#5	STR	26'-0"	1193
*B3	44	#5	STR	9'-3"	425
* EPOXY COATED REINFORCING STEEL				5,874	LBS
CLASS AA CONCRETE				34.5	CU. YDS.
CONCRETE BARRIER RAIL				253.71	LIN. FT.

PROJECT NO. U-2525C  
GUILFORD COUNTY  
STATION: 329+95.42 -L-

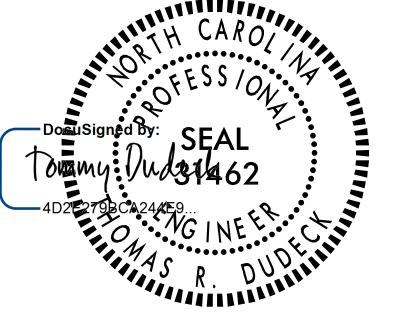
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

CONCRETE BARRIER RAIL

(LL)

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-15
1			3			TOTAL SHEETS 29
2			4			

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



1/12/2018

1/9/2018 10:45:59 AM jgeile  
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DRAWN BY: N. D'AIUTO DATE: 09/28/16  
CHECKED BY: M. B. ISENHOUR DATE: 11/07/16  
DESIGN ENGINEER OF RECORD: T. R. DUDECK DATE: 01/12/18