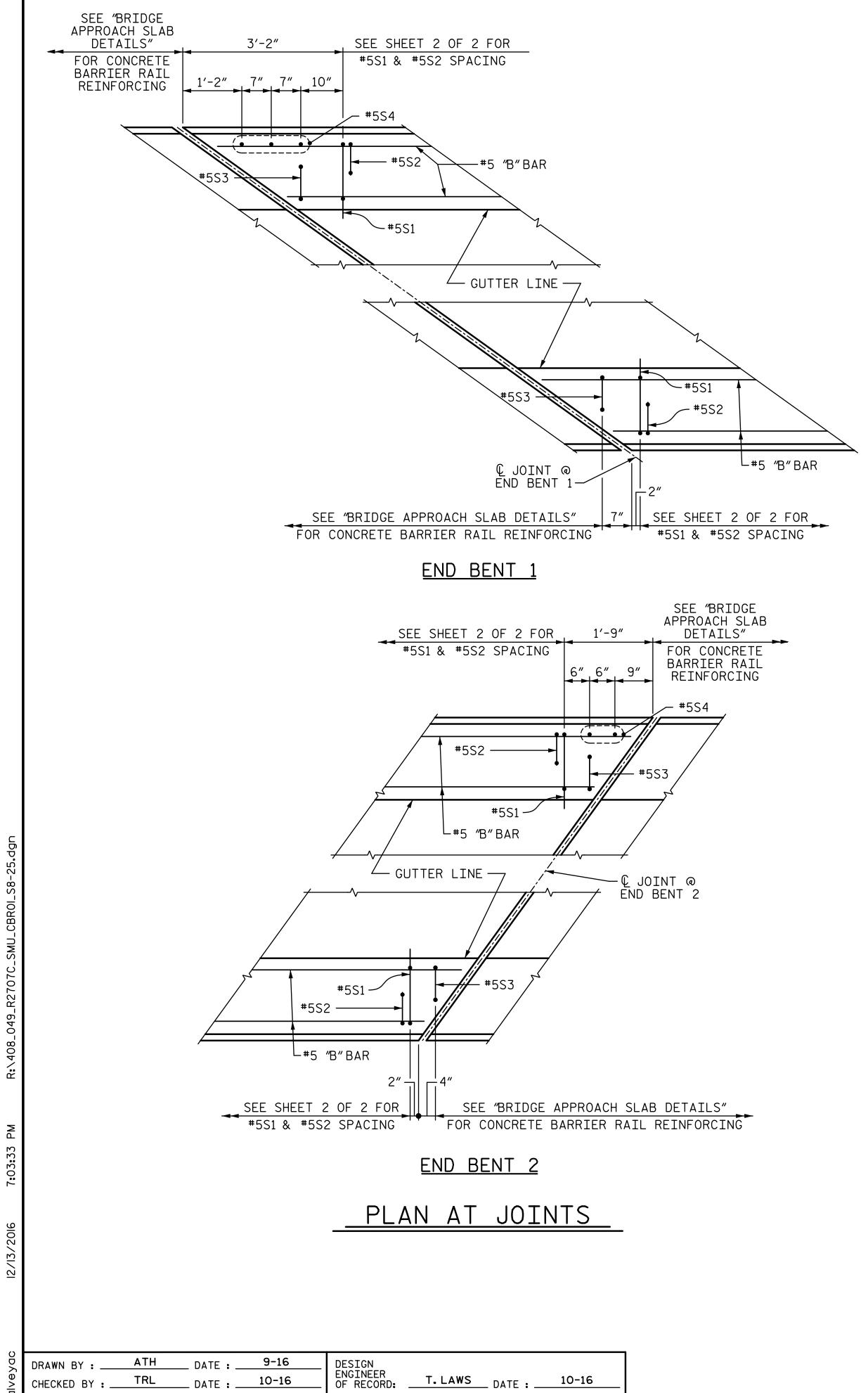


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## NOTES

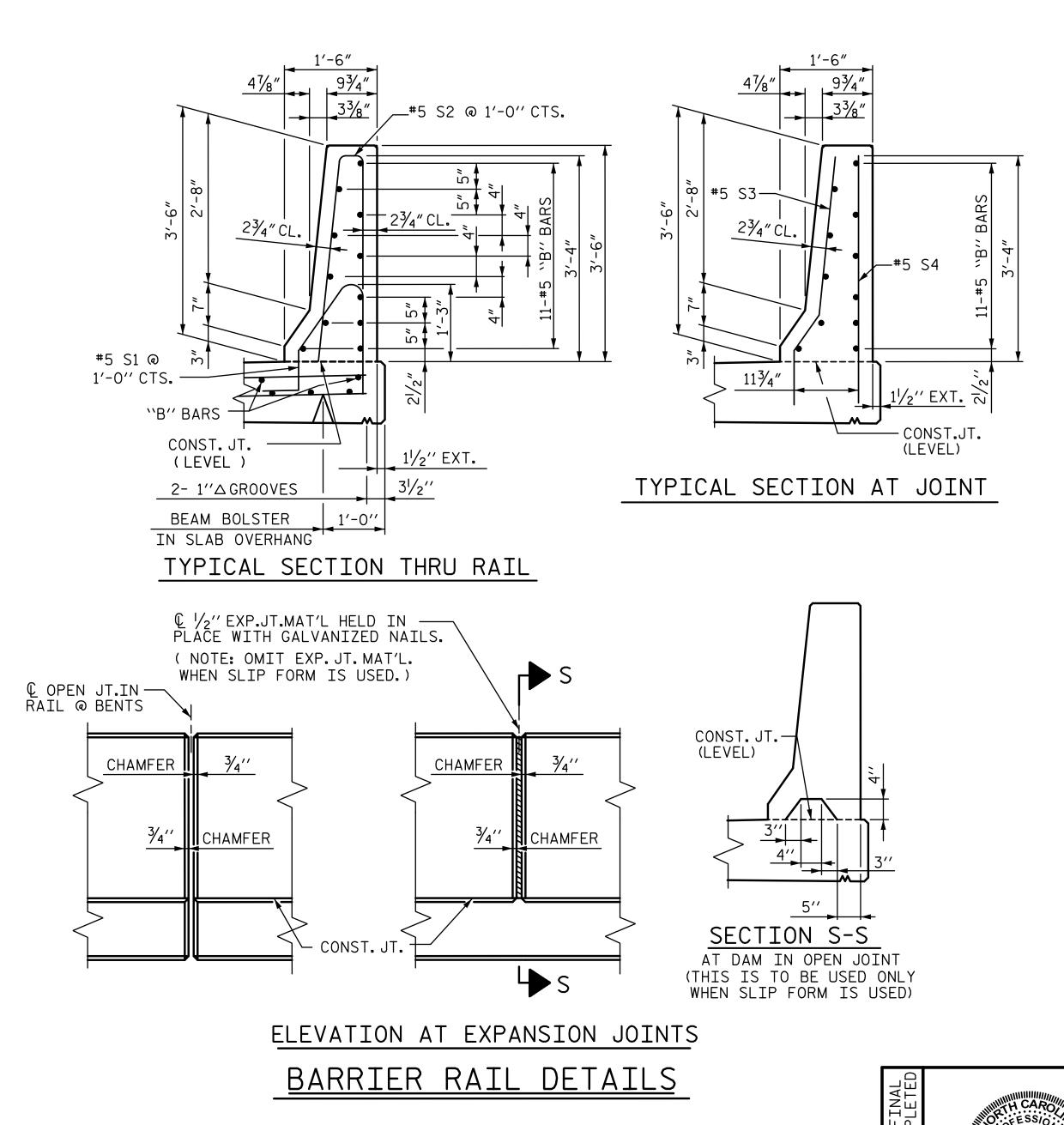
THE BARRIER RAIL IN A CONTINUOUS UNIT SHALL NOT BE CAST UNTIL ALL SL CONCRETE IN THAT UNIT HAS BEEN CAST AND HAS REACHED A MINIMUM COMPR STRENGTH OF 3,000 PSI.

ALL REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.

CONTRACTOR MAY ADJUST LOCATION OF #5S3 AND #5S4 BARS AS NECESSARY TO EXPANSION JOINT BLOCKOUT.

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

CONCRETE BARRIER RAIL ON APPROACH SLAB LENGTH & QUANTITIES, NOT UNCLUSE 'BRIDGE APPROACH SLAB DETAILS' SHEETS.



STV ENGINEERS, INC. 900 West Trade St., Suite 715 Charlotte, NC 28202 NC License Number F-0991

	BAR TYPES						
T UNTIL ALL SLAB	$-\frac{1'-0^{1}/2''}{8^{7}/c''}$						
MINIMUM COMPRESSIV	VE $8^{1}/16^{1}$ $5^{3}/4^{1}$						
COATED.							
S NECESSARY TO AVOI							
IN ALL EXPOSED LE 825-10(B) OF THE			RÁD.	1'-8 <sup>1</sup> /4"			
LOCATED AT EACH Y ONE CONTRACTION S LESS THAN 20 FEET							
HOSE SEGMENTS LESS							
TIES, NOT UNCLUDED.			5 <sup>1</sup> /2″	41/4"	(	2)	
		<u>.</u>					
		2'-6¾		2'-7"			
		6 <sup>1</sup> /2″		Ţ			
<b>↓</b> ↓		<u> </u>		$\frown$			
BARS		101/2"	_	(3)			
<u>''B'' BA</u>	ALL BAR DIMENSIONS ARE OUT TO OUT BILL OF MATERIAL						
	BAR		RETE SIZE	BARRI TYPE	-	ONLY WEIGHT	
	* B1	275	#5	STR	27'-6"	7,888	
	<b>米</b> B2	88	#5	STR	11'-10"	1,086	
	<b>₩</b> B3	88	#5	STR	9'-9"	895	
<u>1.</u>	<b>米</b> S1	833	#5		4'-8"	4,054	
-JT. _)	<b>米</b> S2	833	<b>#</b> 5	2	7'-0"	6,082	
	* S3 * S4	4	#5 #5	3 STR	4'-2" 4'-0"	17 21	
<u>ENT</u>	* 34		<i>π</i> ο	SIR	4'-0"	21	
		XY COAT			<u> </u>	<b>.</b>	
	REINFORCING STEEL20,043 LBS.CLASS AA CONCRETE113.5 CU. YDS.						
	CLASS AA CONCRETE 113.5 CU. YDS. CONCRETE BARRIER RAIL 835.0 LIN.FT.						
		0////					
F	PROJE	ΟΤ ΝΟ	_ R	-270	)7C		
·		ELAND					
STATION: 596+50.98 -L-							
S	SIAII	UN: 35	נדטו	0.30	· - L -		
S	HEET 1 O	F 2					
HINTH CARO	STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION						
SEAL 40317		RALEIGH					
40317		SUPE	-K21	KUU	IUKE		
GINEET Still	CONCRETE BARRIER						
Docusigned by: TONY R. LAWS, JR.	RAIL DETAILS						
C40CE06F6B764F7 12/13/2016	(SITE 6R)						
$\rightarrow$ STV $\rightarrow$ 100		REV	ISIONS		I	SHEET NO.	
	NO. BY:	DATE:	N0.	BY:	DATE:	S8-25	

TOTAL SHEETS

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