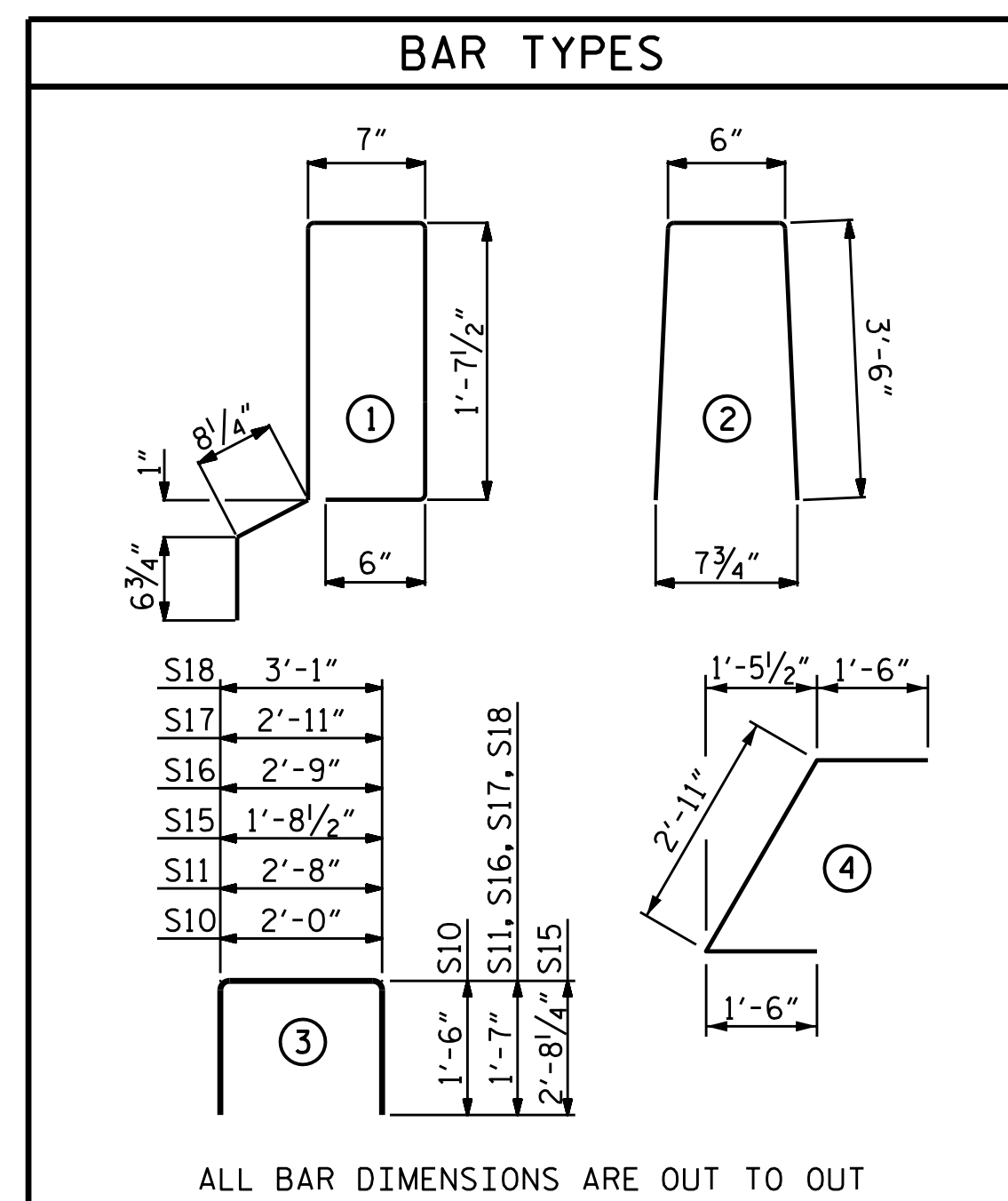


END VIEW

SIDE VIEW

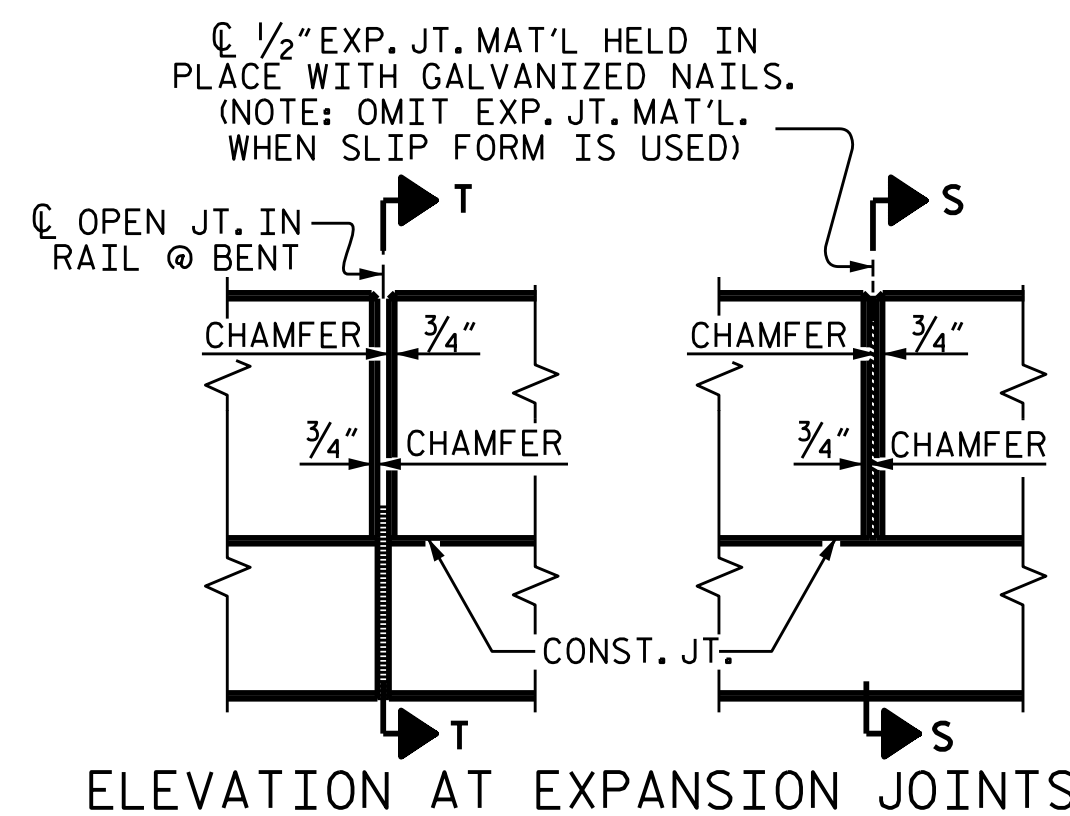
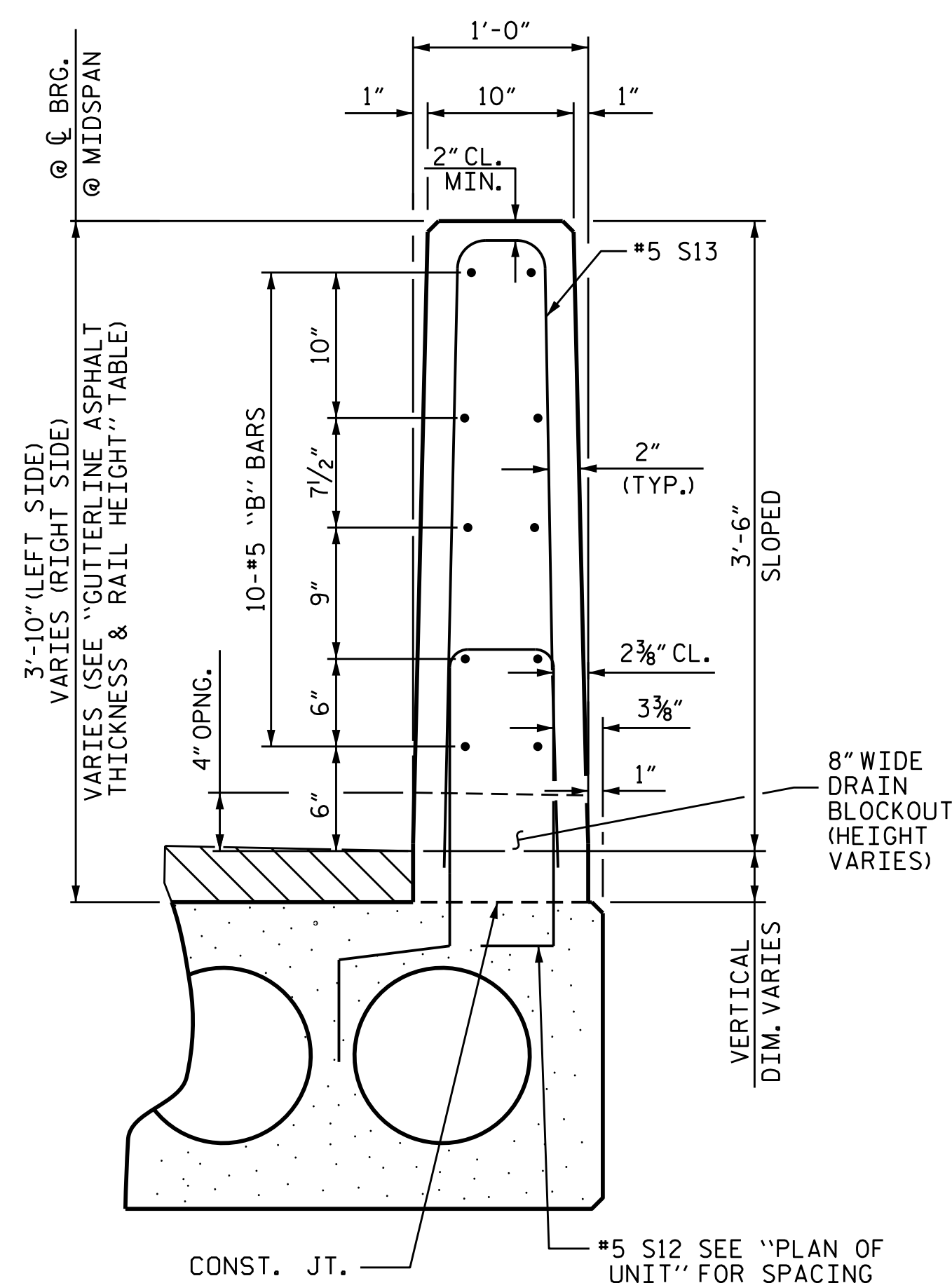
END OF RAIL DETAILS



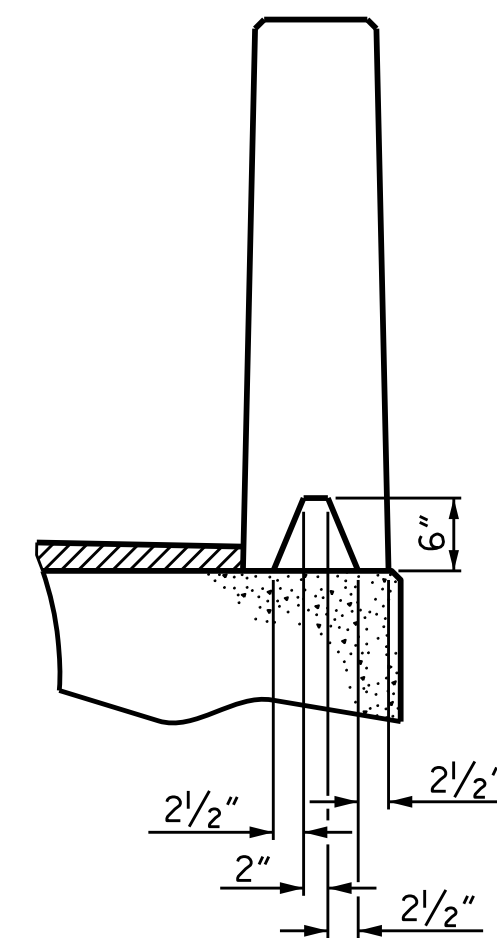
ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL FOR VERTICAL CONCRETE BARRIER RAIL						
BAR	BARS PER PAIR OF EXTERIOR UNITS	TOTAL NO.	SIZE	TYPE	LENGTH	WEIGHT
70' UNIT						
*B25	120	120	#5	STR	13'-8"	1711
*S13	158	158	#5	2	7'-6"	1236
* EPOXY COATED REINFORCING STEEL						LBS. 2947
CLASS AA CONCRETE						CU.YDS. 18.2
TOTAL VERTICAL CONCRETE BARRIER RAIL						LN. FT. 140.29

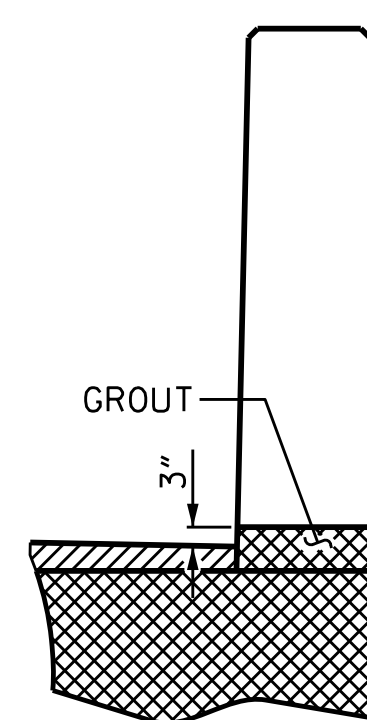
BILL OF MATERIAL FOR VERTICAL CONCRETE BARRIER RAIL						
BAR	BARS PER PAIR OF EXTERIOR UNITS	TOTAL NO.	SIZE	TYPE	LENGTH	WEIGHT
65' UNIT						
*B24	120	120	#5	STR	12'-10"	1606
*S13	148	148	#5	2	7'-6"	1158
* EPOXY COATED REINFORCING STEEL						LBS. 2764
CLASS AA CONCRETE						CU.YDS. 17.2
TOTAL VERTICAL CONCRETE BARRIER RAIL						LN. FT. 130.29



ELEVATION AT EXPANSION JOINTS



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



SECTION T-T
AT OPEN JOINT AT BENT
(THIS IS TO BE USED WHERE FOAM JOINT IS NOT USED)

VERTICAL CONCRETE BARRIER RAIL DETAILS

PROJECT NO. B-5171
GRANVILLE COUNTY
 STATION: 15+12.00 -L-

SHEET 4 OF 5



DocuSigned by:
 W. ALFORD
 3/22/2016

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
STANDARD 3'-0" X 2'-0" PRESTRESSED CONCRETE CORED SLAB UNIT					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					S-8
					TOTAL SHEETS 18

ASSEMBLED BY :	A. SORSENGINH	DATE :	2/2015
CHECKED BY :	JP ADAMS	DATE :	11/2015
DRAWN BY :	MAA	6/10	
CHECKED BY :	MKT	7/10	
REV.	11/14	MAA/TMG	

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED