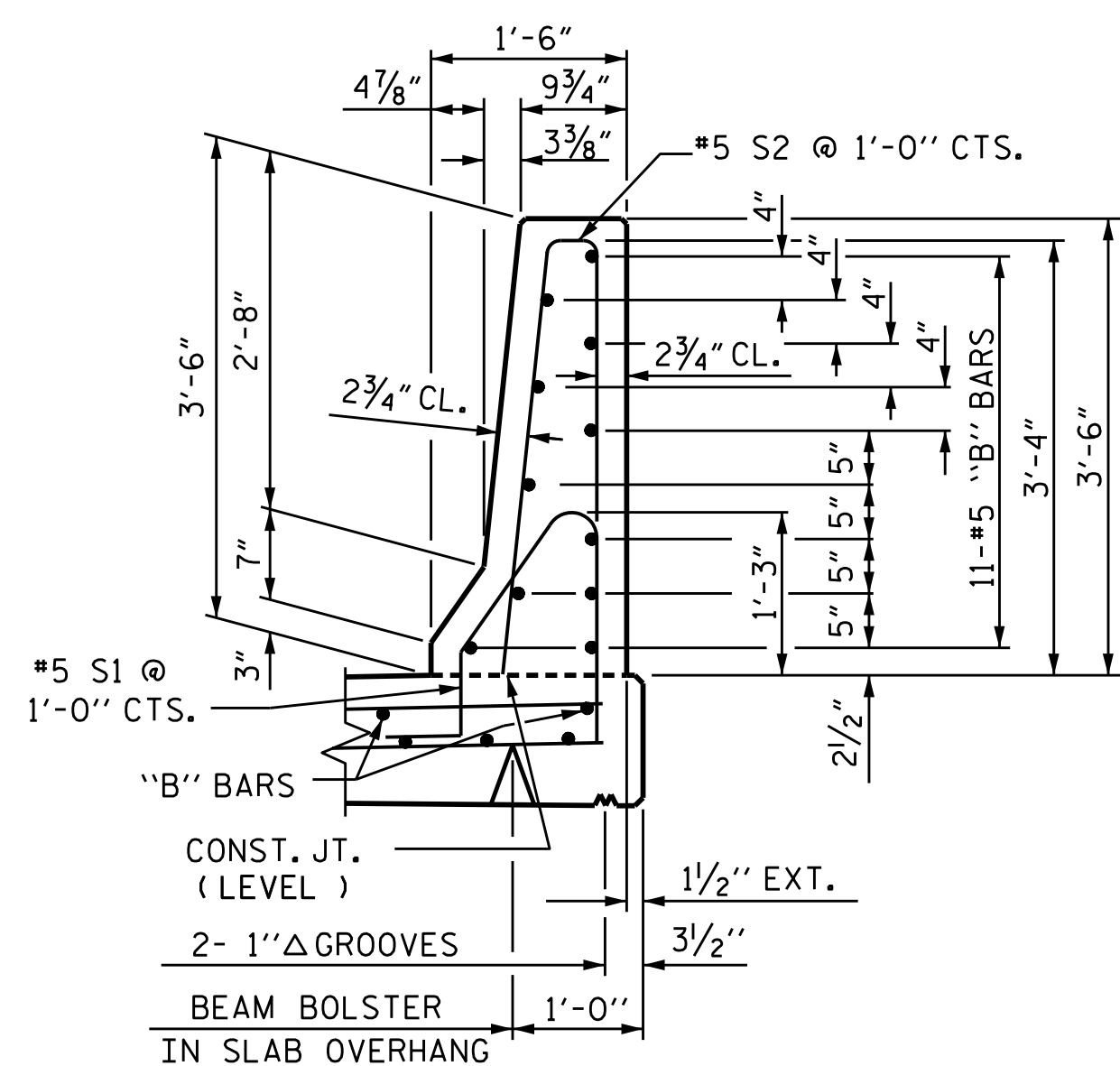
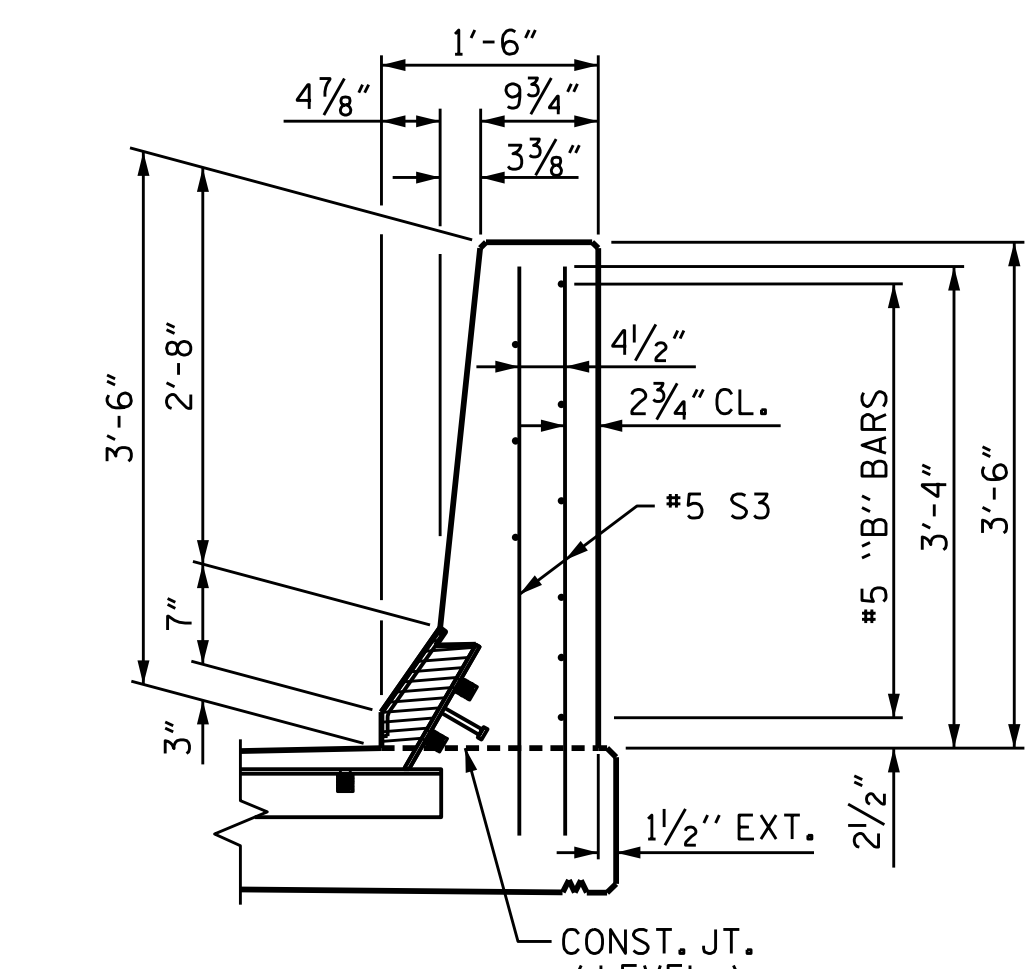


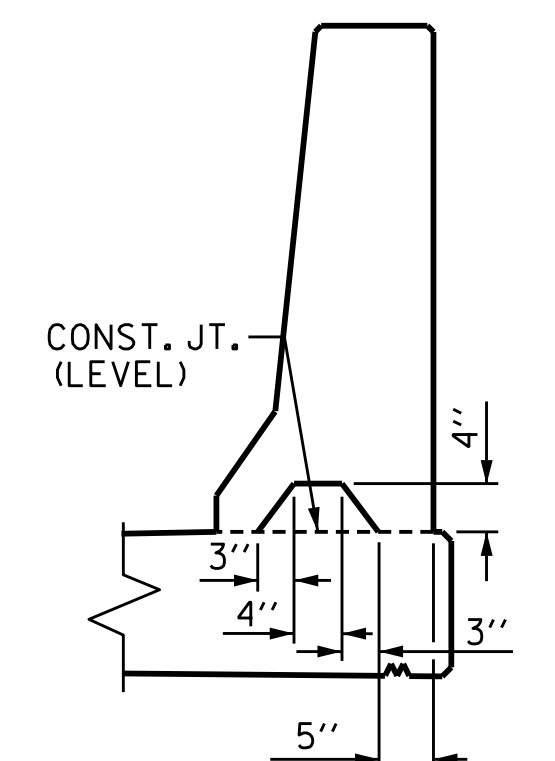
3/21/2023 8:16:14 AM P:\Raleigh\Projects\2019\Division 9 (Davenport)\B-5783\Structures\Drawings\NEW\Final\280168_SB\B-5783_SMU_BR_280168.dgn



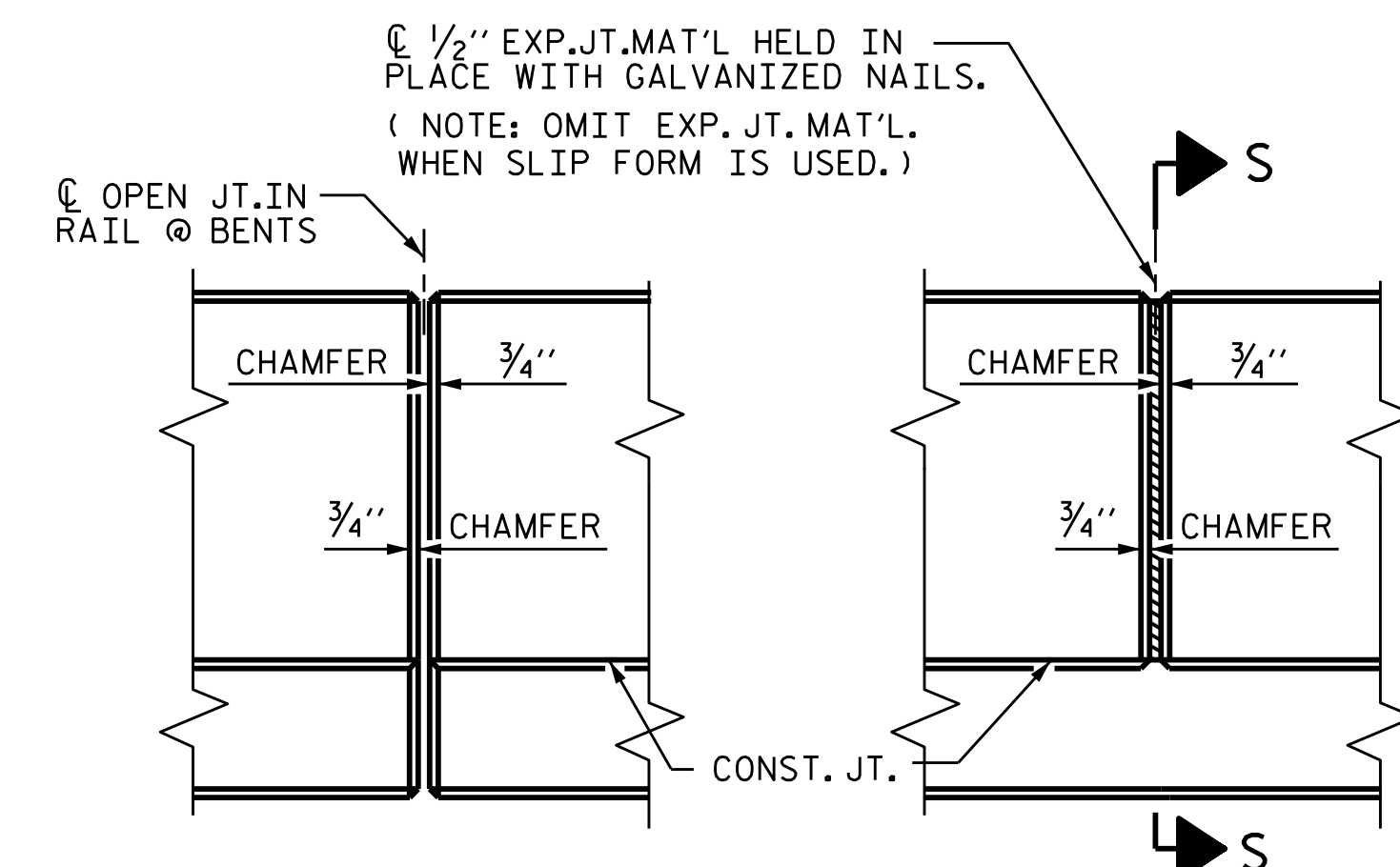
SECTION THRU RAIL



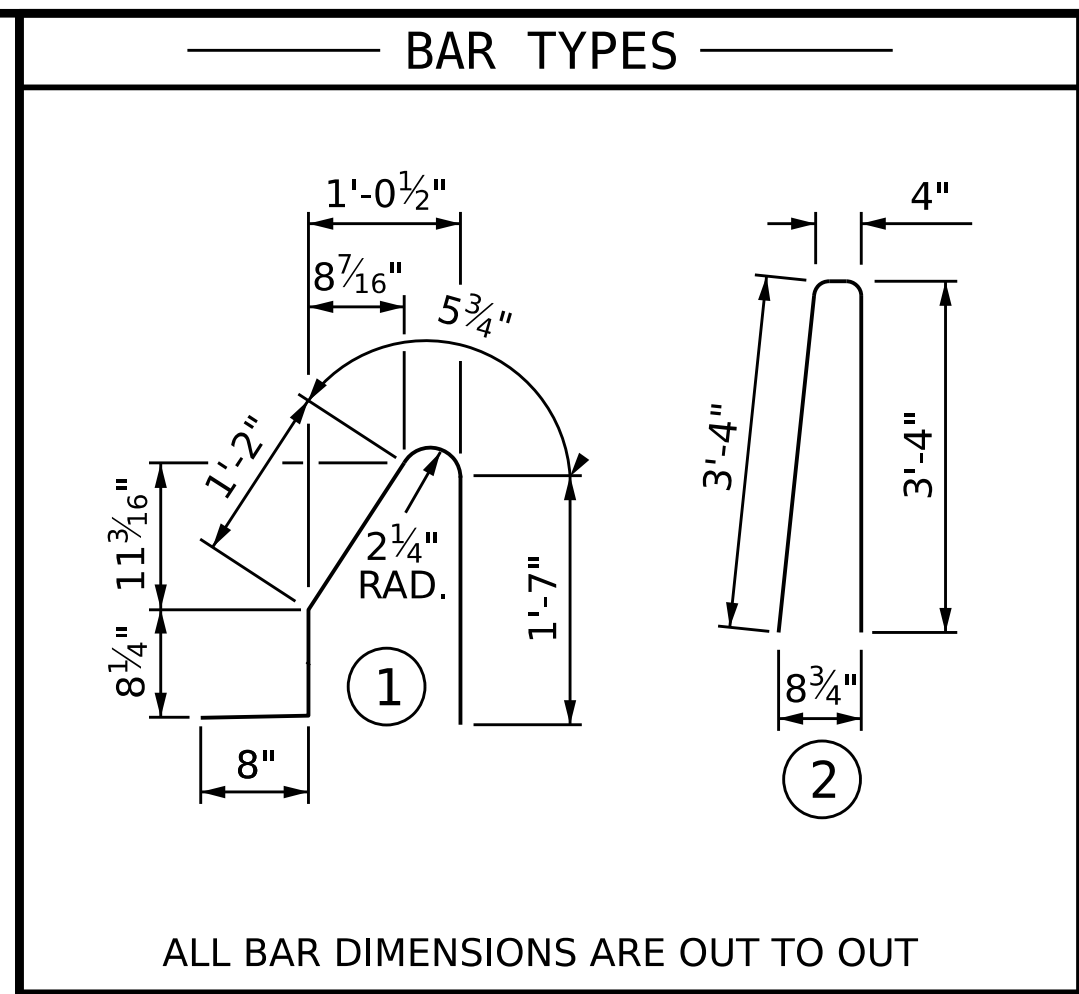
END VIEW @ EXP. JOINTS



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



**ELEVATION AT EXPANSION JOINTS
BARRIER RAIL DETAILS**

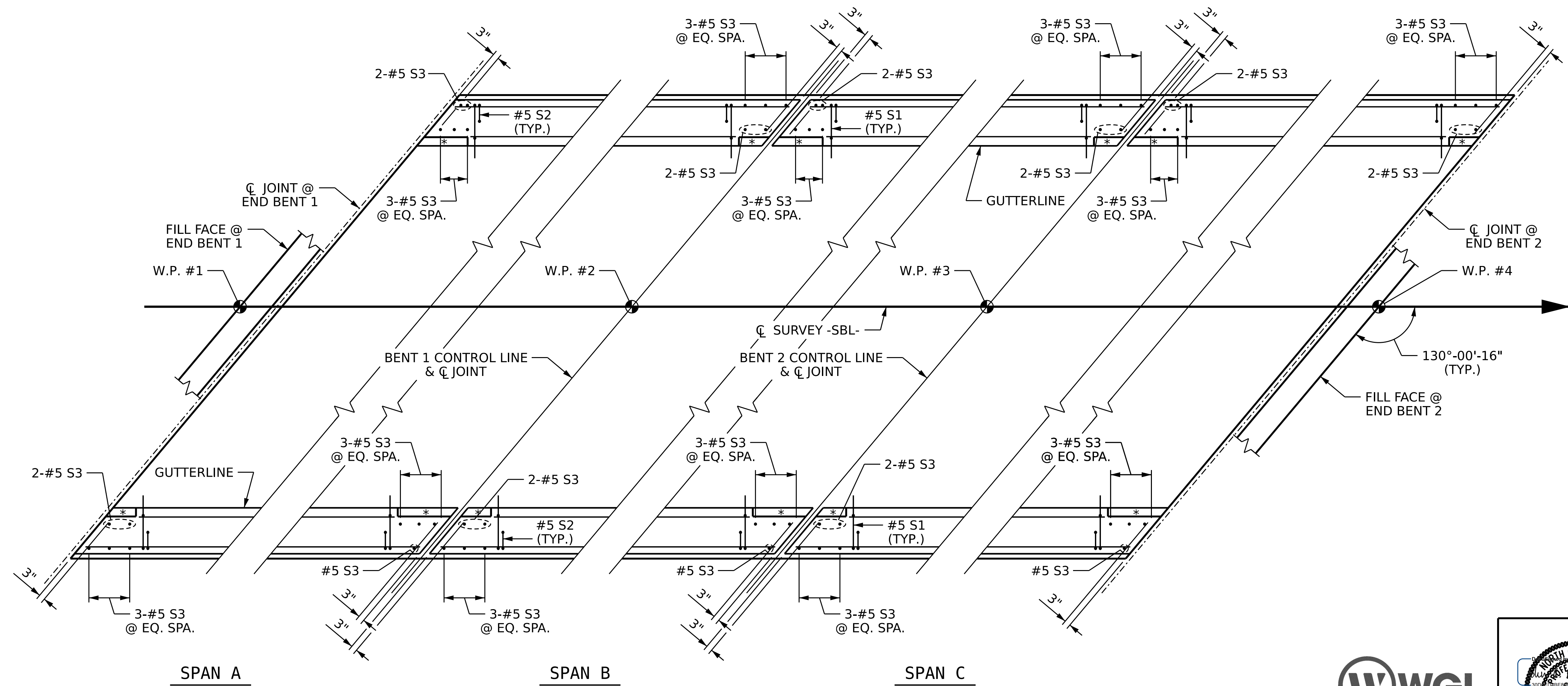


ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL FOR CONCRETE BARRIER RAIL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	176	#5	STR	12'-2"	2233
* B2	88	#5	STR	14'-4"	1316
* B3	66	#5	STR	24'-7"	1692
* S1	404	#5	1	4'-7"	1931
* S2	404	#5	2	7'-0"	2950
* S3	57	#5	STR	4'-0"	238

EPOXY COATED REINFORCING STEEL	10360 LB
CLASS AA CONCRETE BREAKDOWN	57.1 CY
CONCRETE BARRIER RAIL	
SUPERSTRUCTURE	420.56 LF
** APPROACH SLAB	42.52 LF
TOTAL	463.08 LF

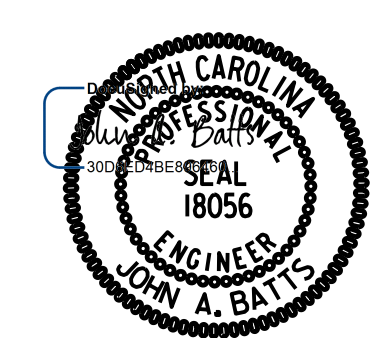
* INDICATES EPOXY COATED REINFORCING STEEL
 ** FOR EPOXY COATED REINFORCING STEEL AND CLASS AA CONCRETE IN THE BARRIER RAIL ON THE APPROACH SLABS, SEE "BRIDGE APPROACH SLAB - BARRIER RAILS DETAIL" SHEET.



END OF RAIL DETAILS

* FOR BLOCK OUT DETAIL SEE "EXPANSION JOINT SEAL DETAILS FOR BARRIER RAIL" SHEET.

DRAWN BY : T. BANKOVICH DATE : 12-22
 CHECKED BY : J.A. BATTS DATE : 12-22
 DESIGN ENGINEER OF RECORD : J.A. BATTS DATE : 12-22



PROJECT NO. B-5783
DAVIDSON COUNTY
 STATION: 21+53.61 -SBL-

SHEET 2 OF 2

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S2-20
1			3			TOTAL SHEETS 40
2			4			

LICENSURE NO. C-4434
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**