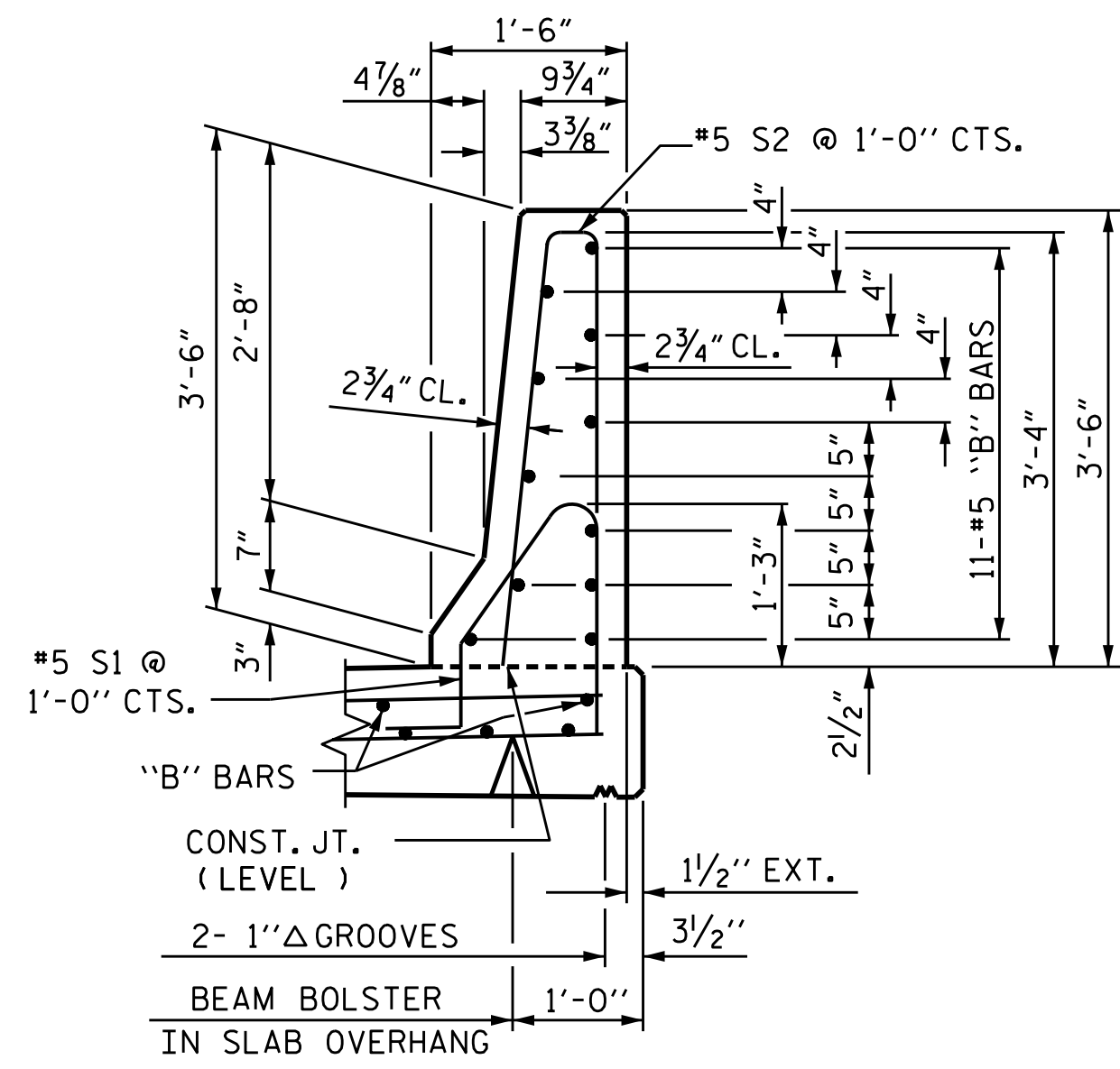
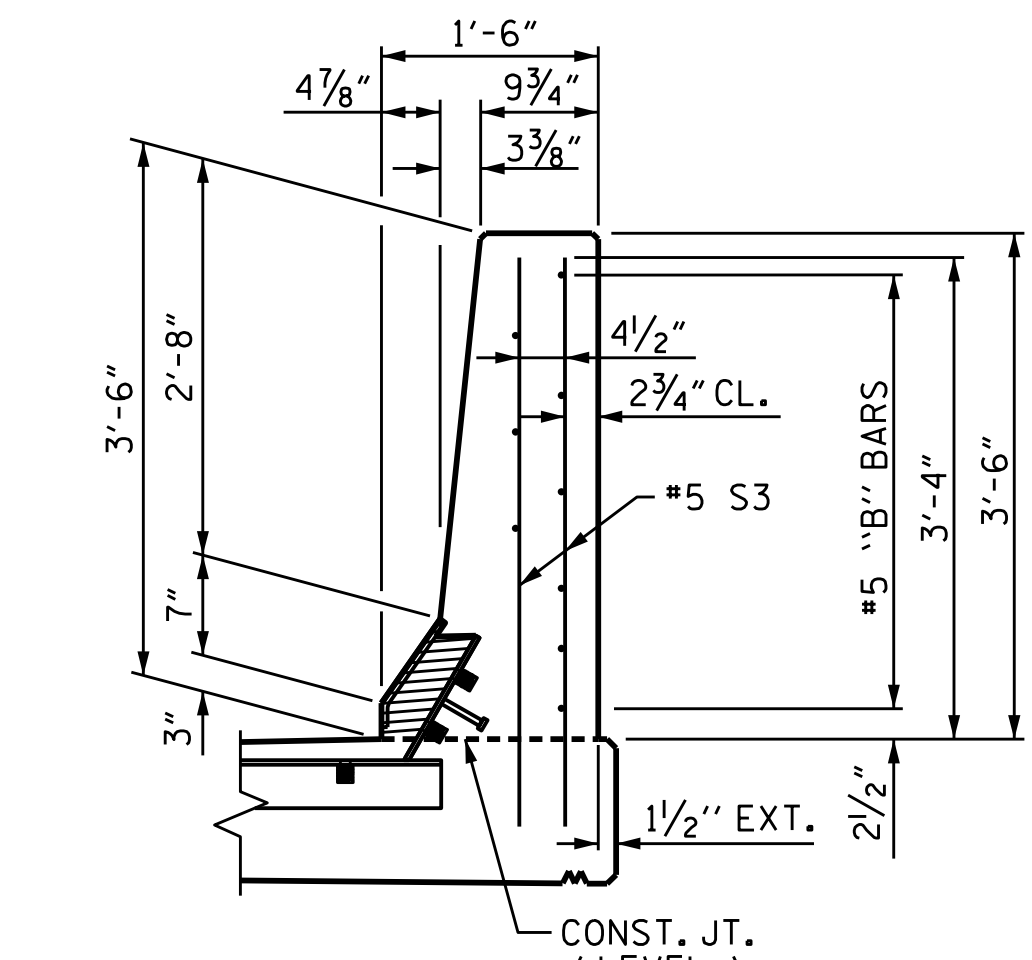


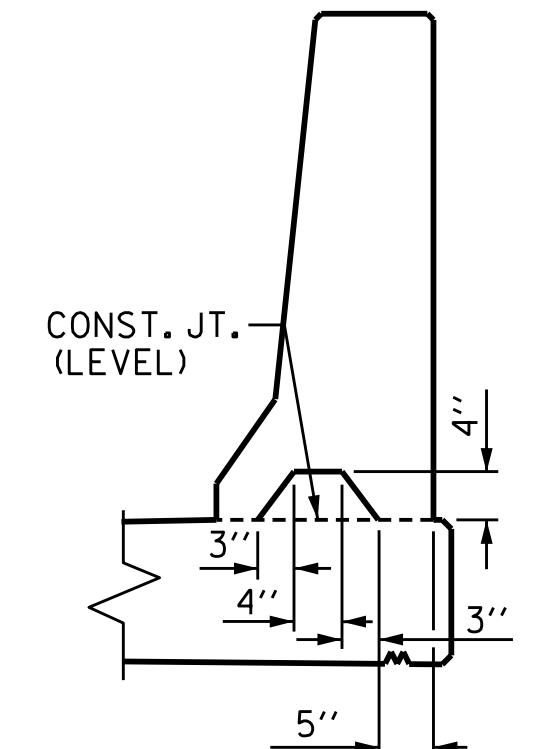
3/21/2023 8:05:36 AM P:\Raleigh\Projects\2019\Division 9 (Davenport)\B-5783\Structures\Drawings\NEW\280164_NB\B-5783_SMU_BR_280164.dgn



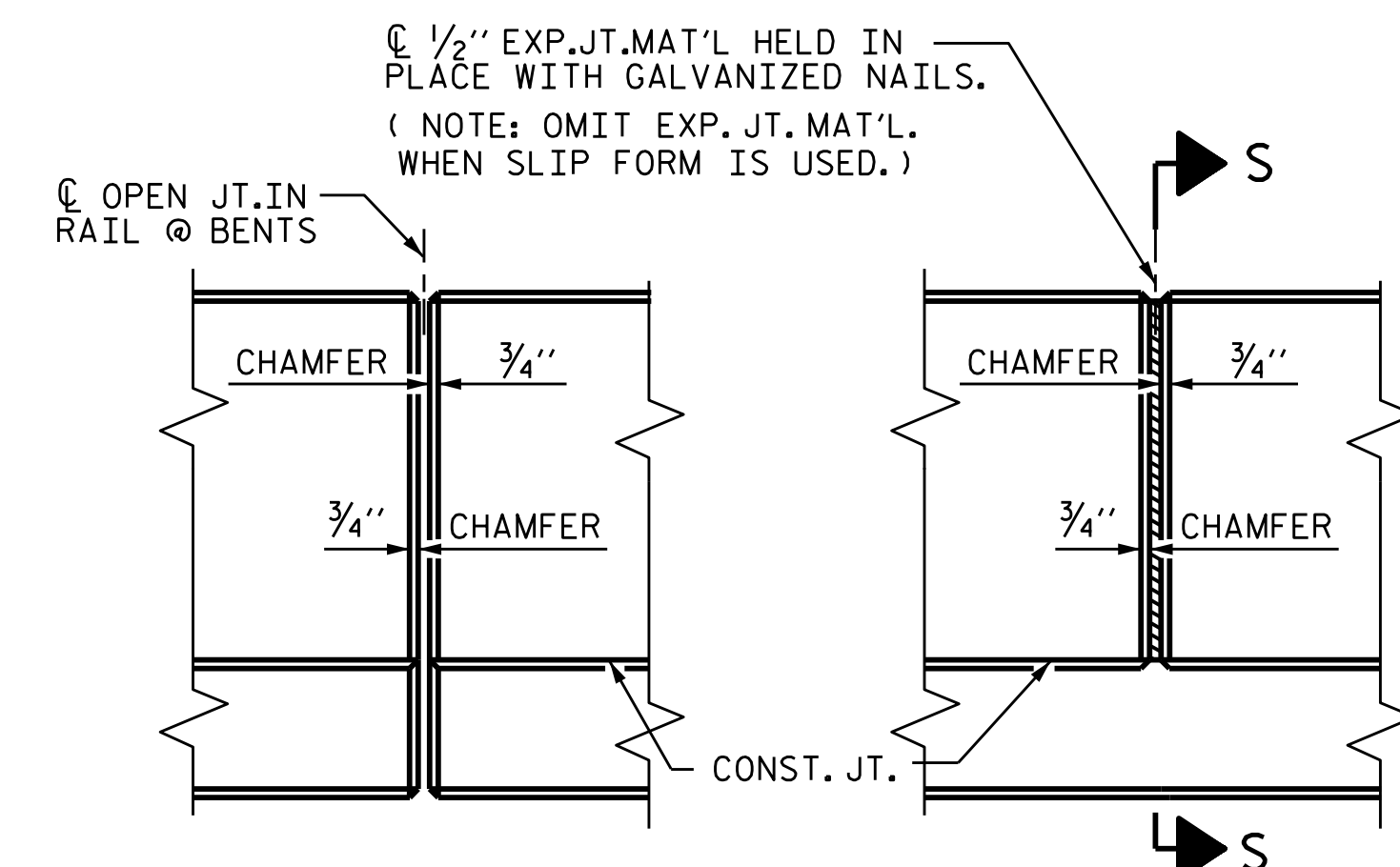
SECTION THRU RAIL



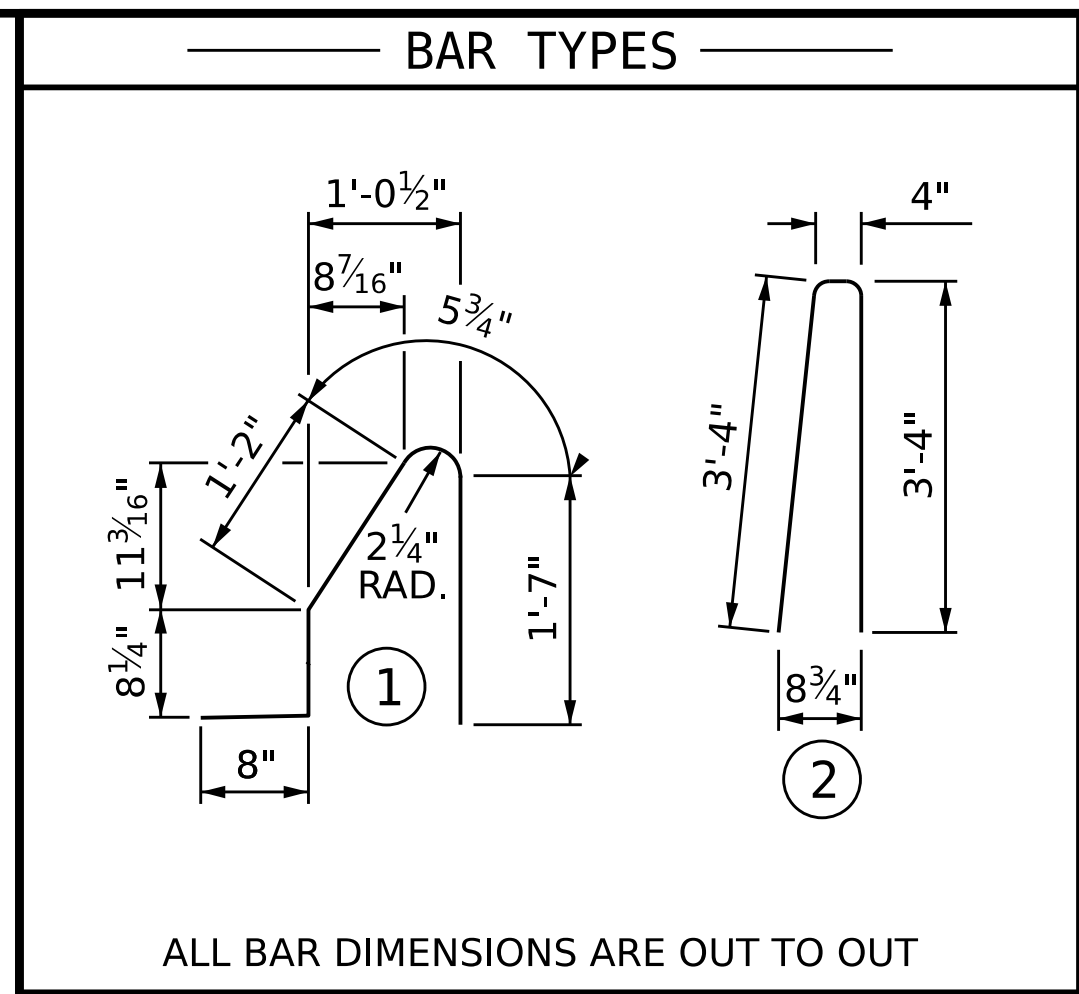
END VIEW @ EXP. JOINTS



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



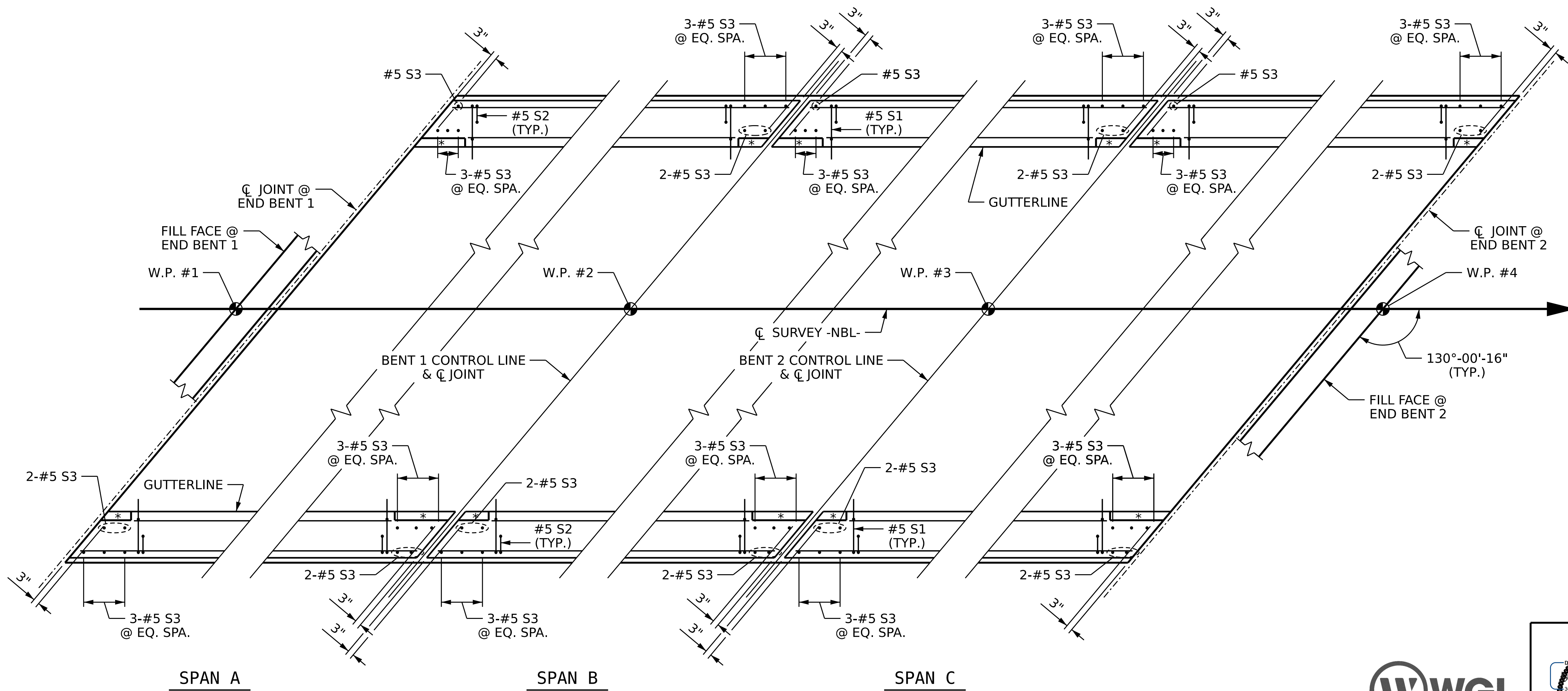
ELEVATION AT EXPANSION JOINTS
BARRIER RAIL DETAILS



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

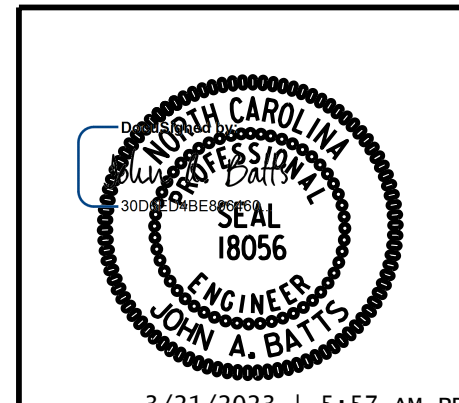
* INDICATES EPOXY COATED REINFORCING STEEL
 ** FOR EPOXY COATED REINFORCING STEEL AND CLASS AA CONCRETE IN THE BARRIER RAIL ON THE APPROACH SLABS, SEE "BRIDGE APPROACH SLAB - BARRIER RAILS DETAIL" SHEET.



END OF RAIL DETAILS

* FOR BLOCK OUT DETAIL SEE "EXPANSION JOINT SEAL DETAILS FOR BARRIER RAIL" SHEET 2 OF 2.

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+13.32 -NBL-

SHEET 2 OF 2

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-20
1			3			TOTAL SHEETS 40
2			4			

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