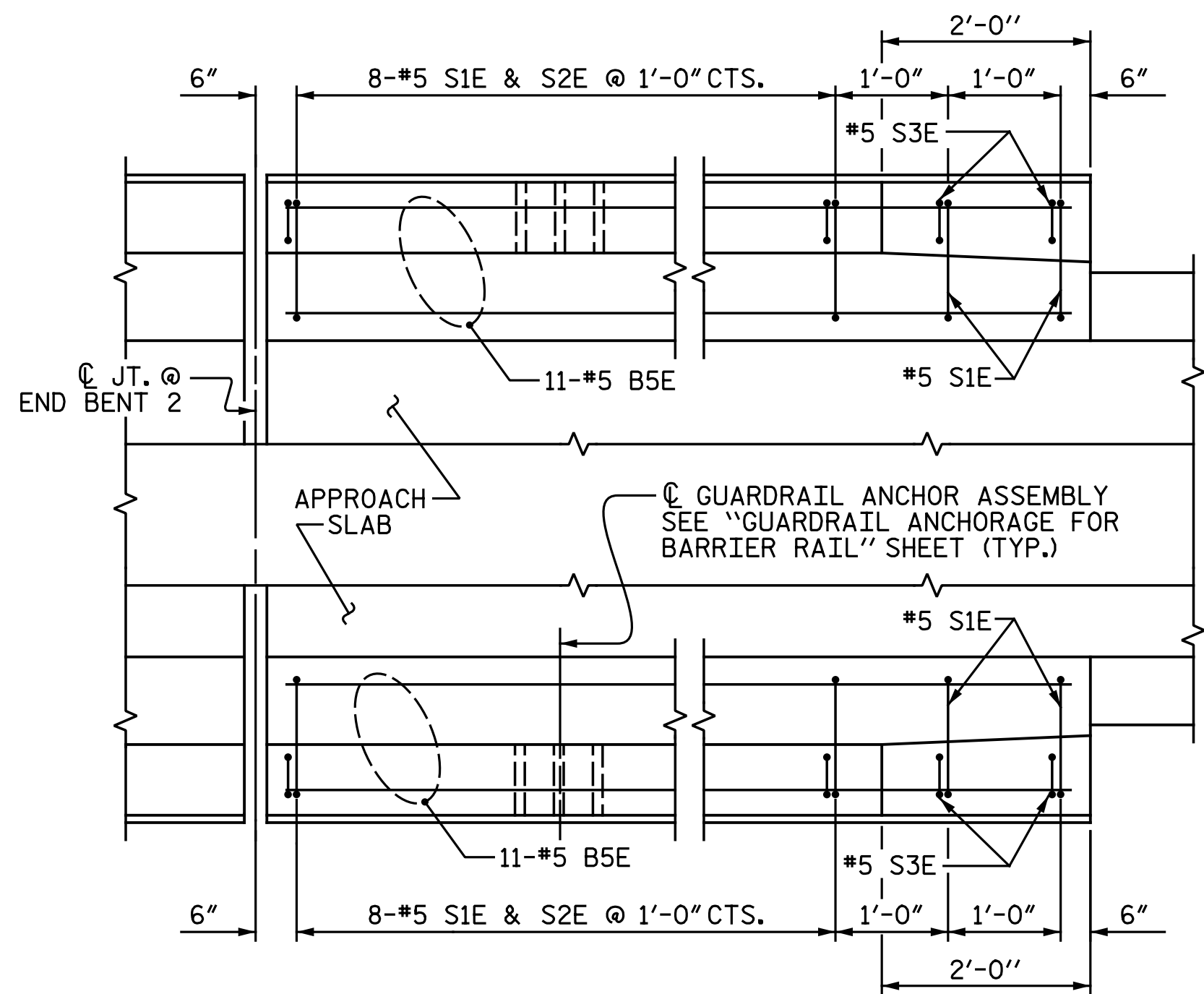


@ END BENT 1

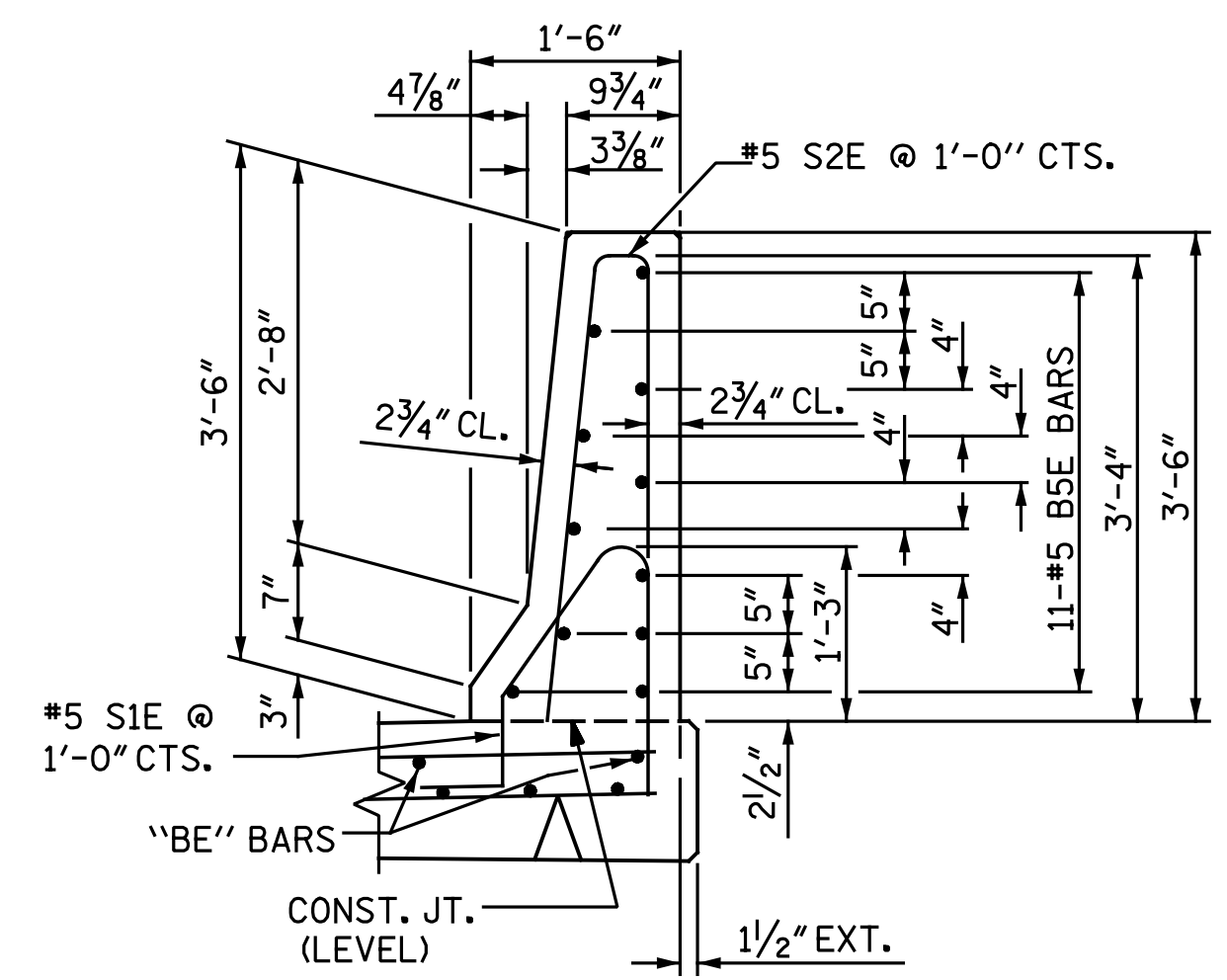


@ END BENT 2

PLAN OF BARRIER RAIL

NOTES:

THE COST OF THE BARRIER RAIL ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LINEAR FOOT CONTRACT PRICE BID FOR "CONCRETE BARRIER RAIL".
 THE BARRIER RAIL ON EACH APPROACH SLAB SHALL NOT BE CAST UNTIL ALL APPROACH SLAB CONCRETE HAS BEEN CAST AND HAS REACHED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI.
 ALL REINFORCING STEEL IN BARRIER RAILS SHALL BE EPOXY COATED.



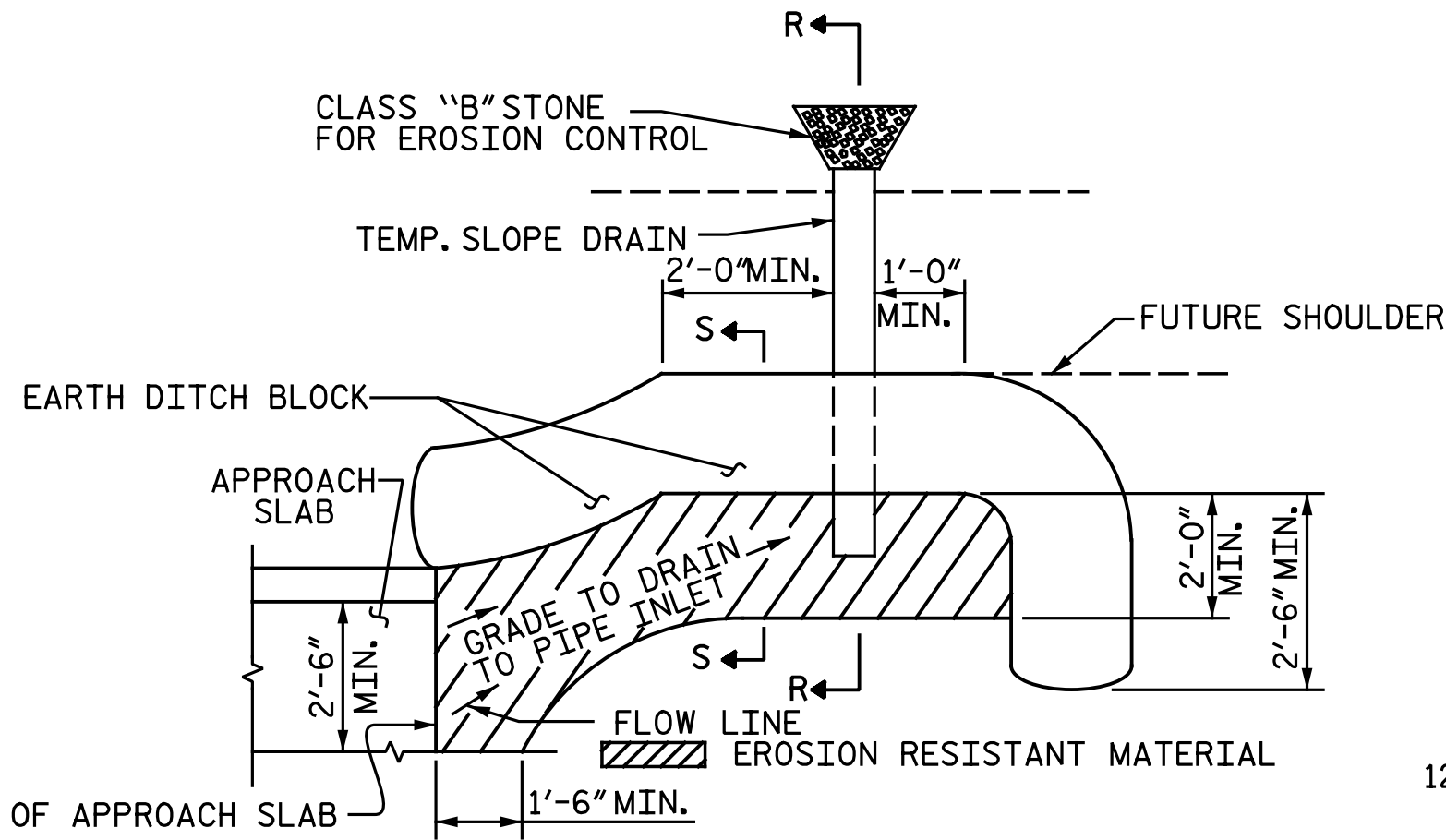
SECTION THRU RAIL

BAR TYPES

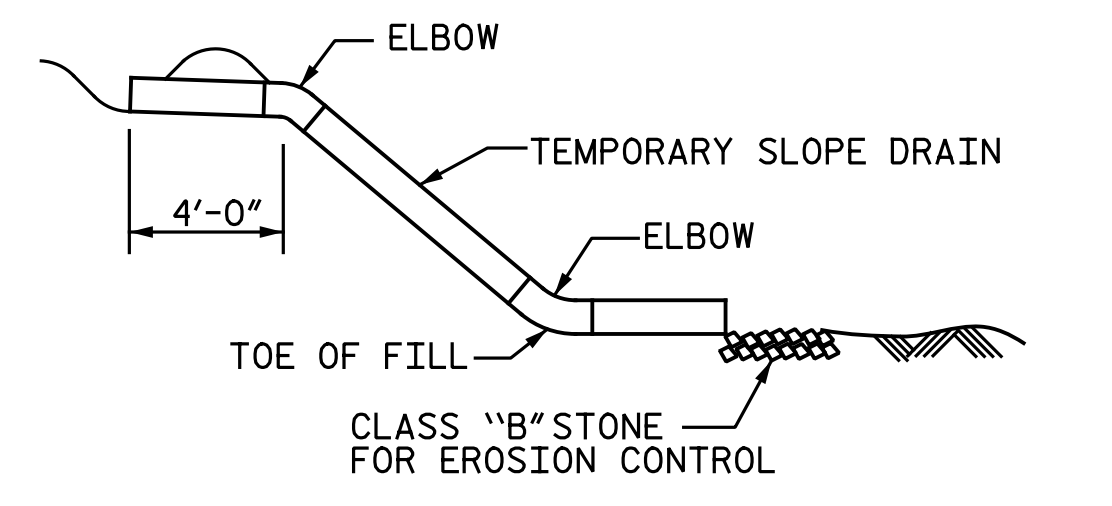
ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL					
BARRIER RAIL ONLY					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B5E	44	5	STR	9' - 8"	444
S1E	40	5	1	5' - 1"	212
S2E	32	5	2	7' - 0"	234
S3E	8	5	2	5' - 6"	46
EPOXY COATED REINFORCING STEEL				LBS.	936
CLASS AA CONCRETE				C.Y.	5.4

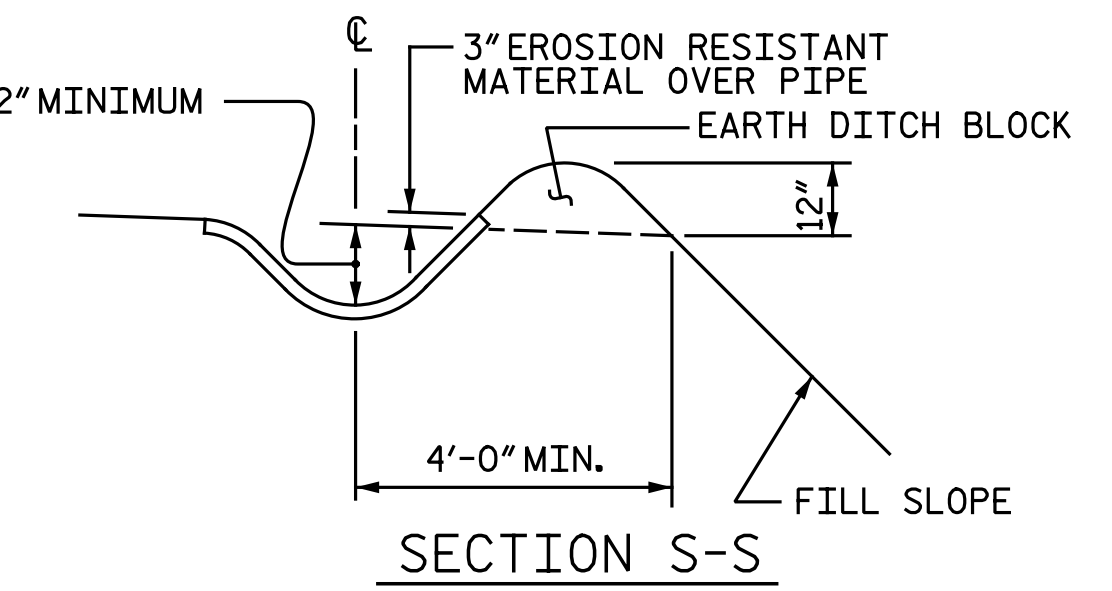
"E" SUFFIX DENOTES EPOXY COATED REINFORCING STEEL.



PLAN VIEW

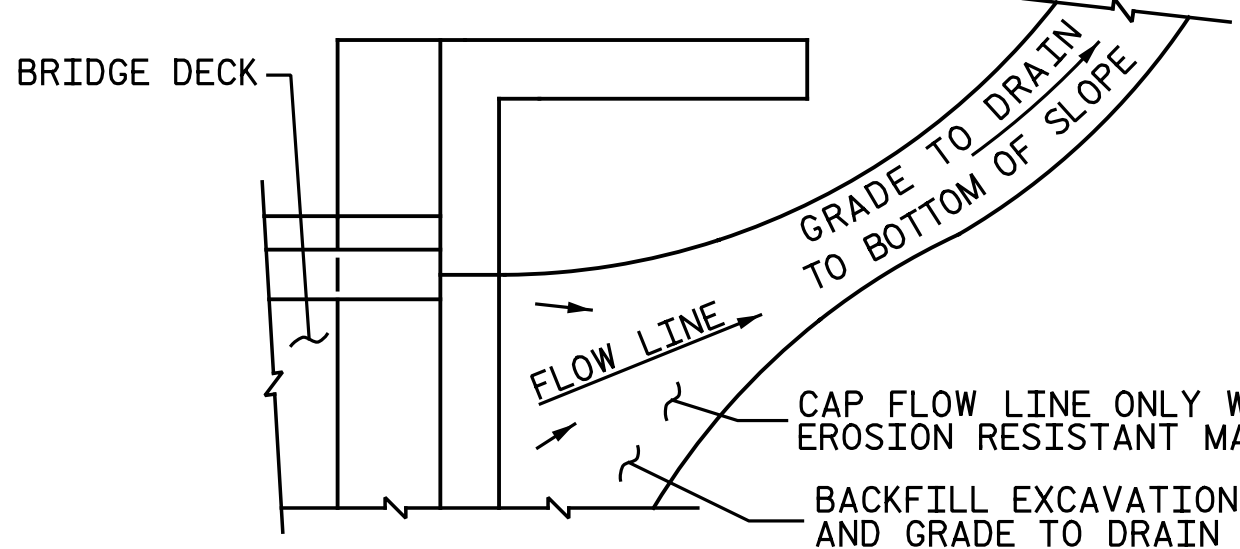


SECTION R-R



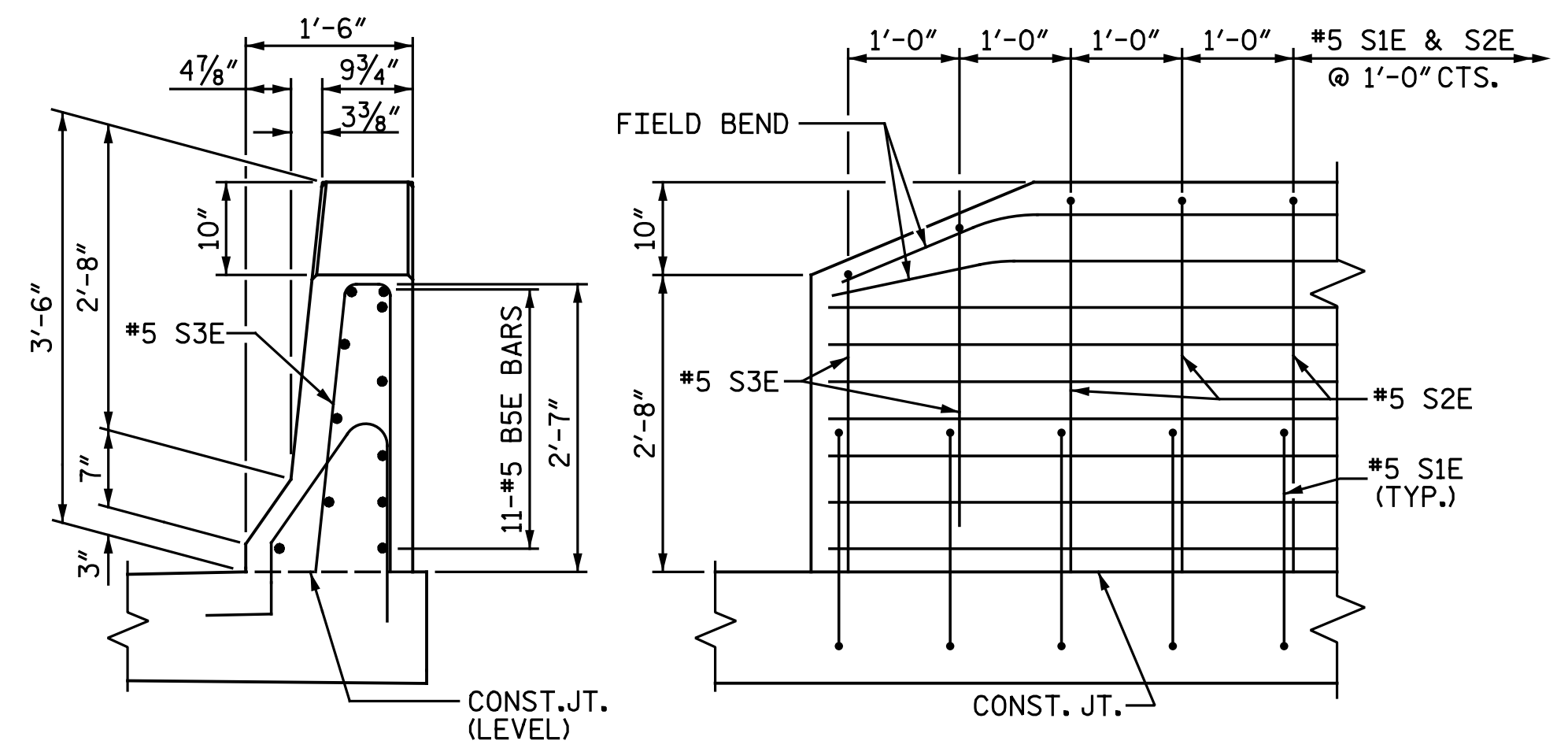
SECTION S-S

TEMPORARY BERM AND SLOPE DRAIN DETAILS
 (TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)



TEMPORARY DRAINAGE DETAIL

NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT TO THE STRUCTURE. THE CONTRACTOR WILL BE REQUIRED TO REMOVE THESE MATERIALS PRIOR TO CONSTRUCTION OF THE APPROACH SLAB.

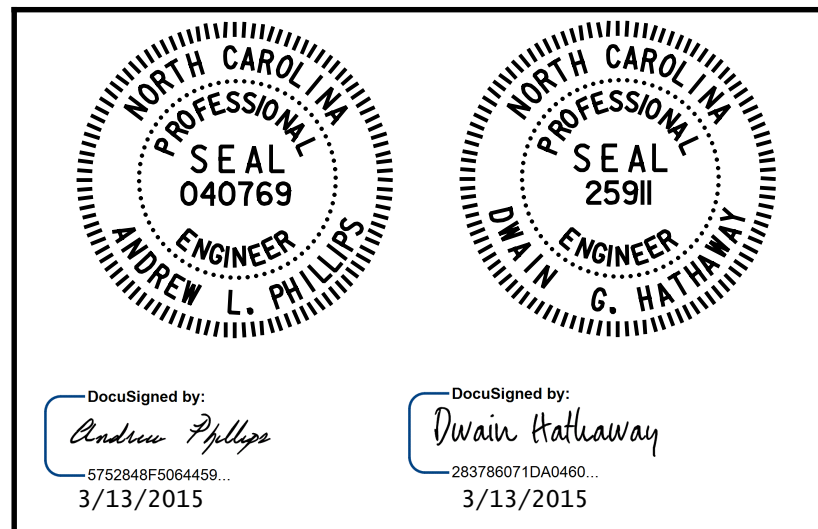


END VIEW

SIDE VIEW

END OF RAIL DETAILS

PROJECT NO. R-2514D
 JONES COUNTY
 STATION: 389+47.50 -L-
 SHEET 2 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

BRIDGE APPROACH SLAB DETAILS

RIGHT LANE

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

Baker
 Michael Baker Engineering
 8000 Regency Parkway, Suite 600
 Cary, North Carolina 27516
 NC License No.: F-1084

nbspecks 4/14/13 PM 3/5/2015
 File Name: Y:\Projects\NCDOT\R-2514D\Site 4\Drawings\Final\408_068_R2514D_SML_AS02.dgn

DRAWN BY: M. D. MAYHEW DATE: 8-7-13
 CHECKED BY: A. L. PHILLIPS DATE: 8-26-13