

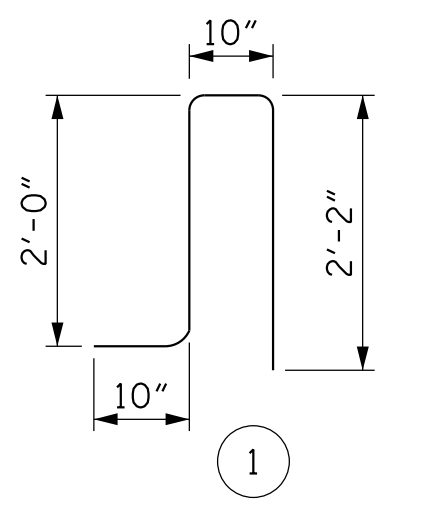
NOTES

THE COST OF THE END POST ON THE APPROACH SLAB SHALL BE INCLUDED IN THE LINEAR FOOT CONTRACT PRICE BID FOR "1'-2" X 2'-6" CONCRETE PARAPET".

THE END POST 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 END POSTS SHALL BE EPOXY COATED.

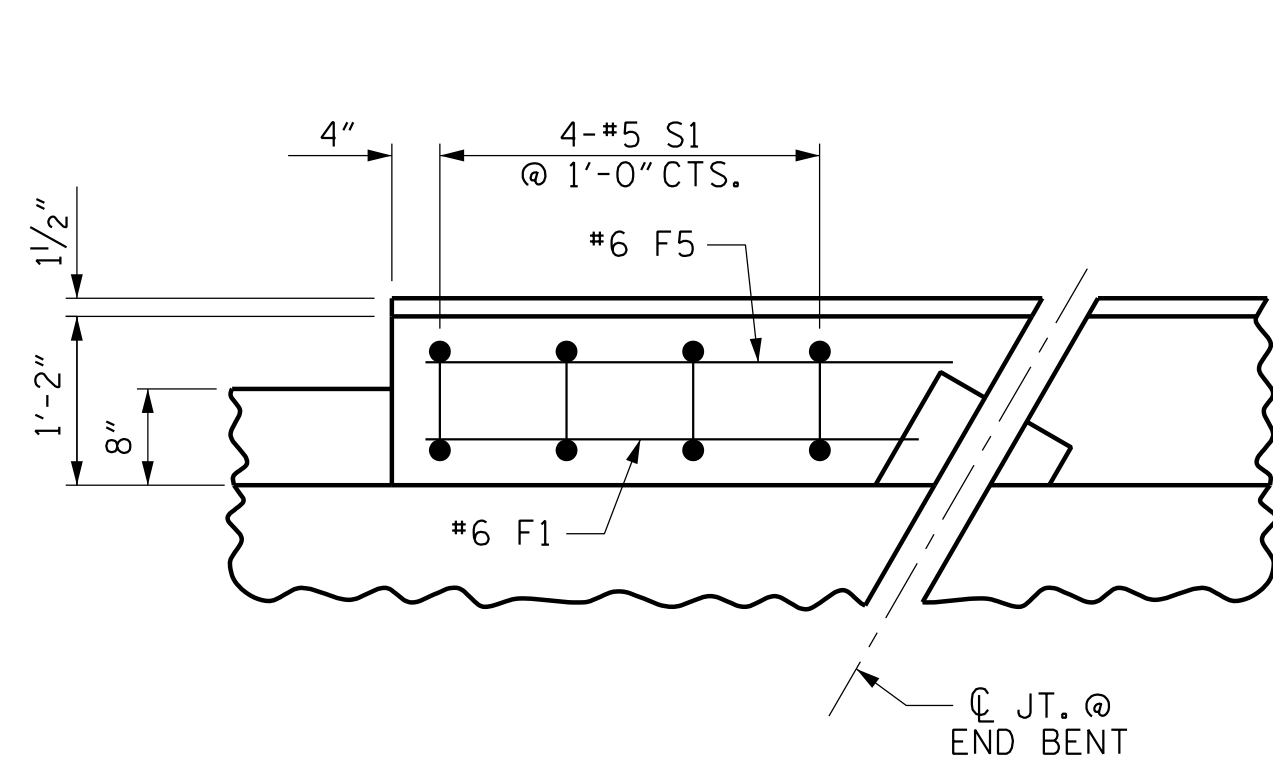
BAR TYPES



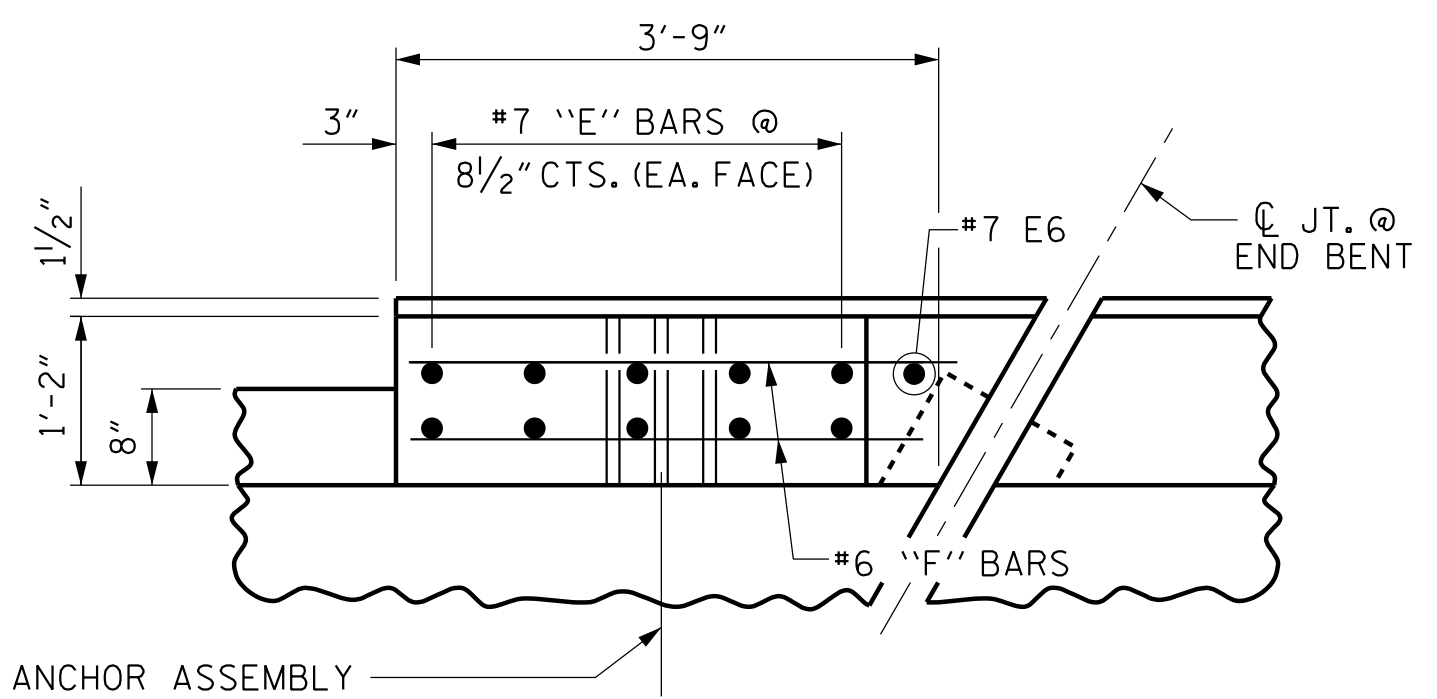
ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL FOR 4 END POSTS

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*E1	8	#7	STR	2'-6"	41
*E2	8	#7	STR	2'-11"	48
*E3	8	#7	STR	3'-5"	56
*E4	8	#7	STR	3'-10"	63
*E5	8	#7	STR	4'-4"	71
*E6	4	#7	STR	4'-6"	37
*F1	16	#6	STR	3'-5"	82
*F2	4	#6	STR	2'-5"	15
*F3	4	#6	STR	1'-4"	8
*F4	4	#6	STR	3'-8"	22
*F5	16	#6	STR	4'-2"	100
*F6	4	#6	STR	3'-2"	19
*F7	4	#6	STR	2'-1"	13
*F8	4	#6	STR	4'-5"	27
*S1	16	#5	1	5'-10"	97
* EPOXY COATED REINFORCING STEEL				LBS.	699
CLASS AA CONCRETE				CU.YDS.	2.7
TOTAL LIN. FT. OF CONCRETE PARAPET					16.60

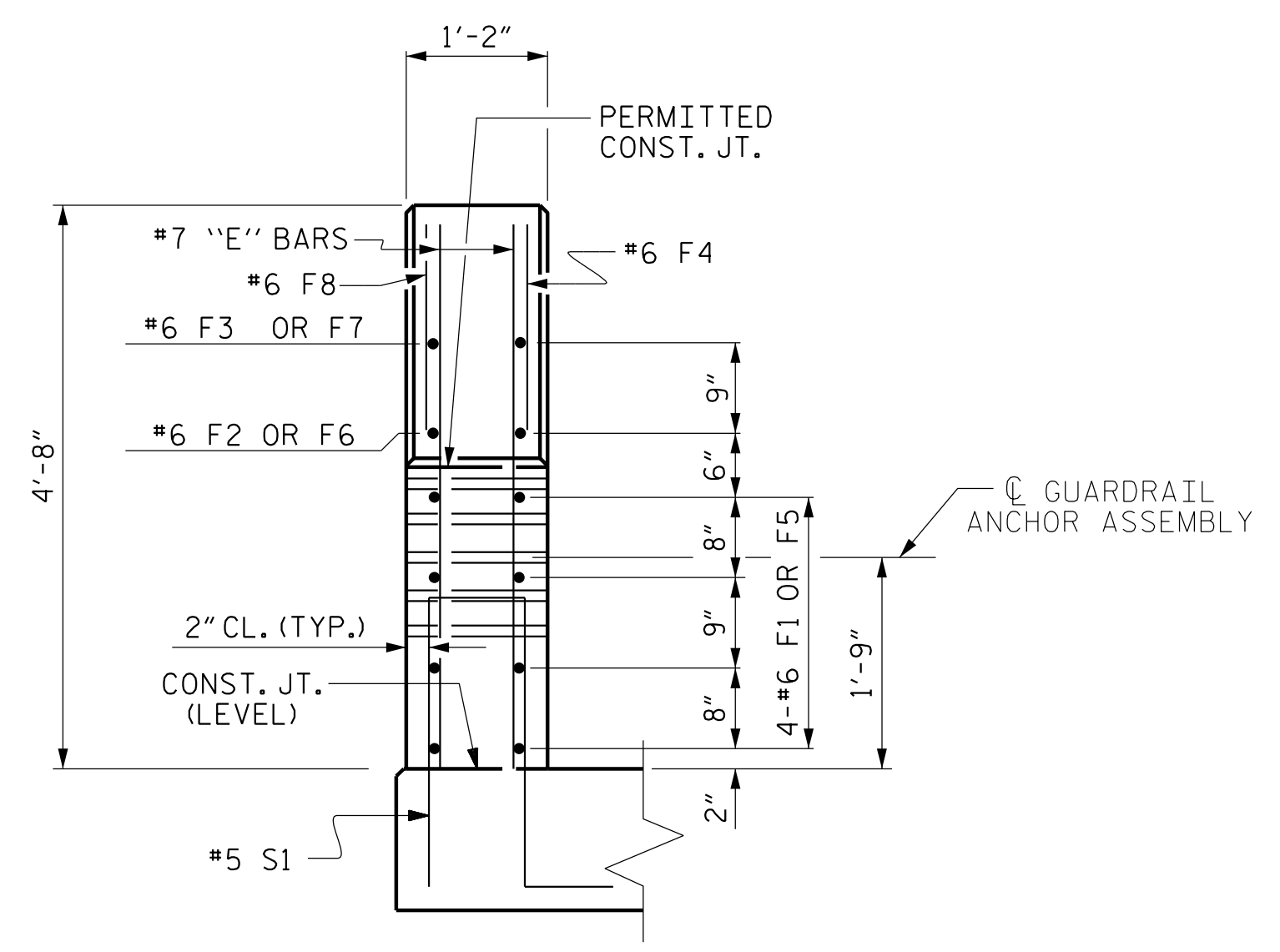


PLAN OF PARAPET

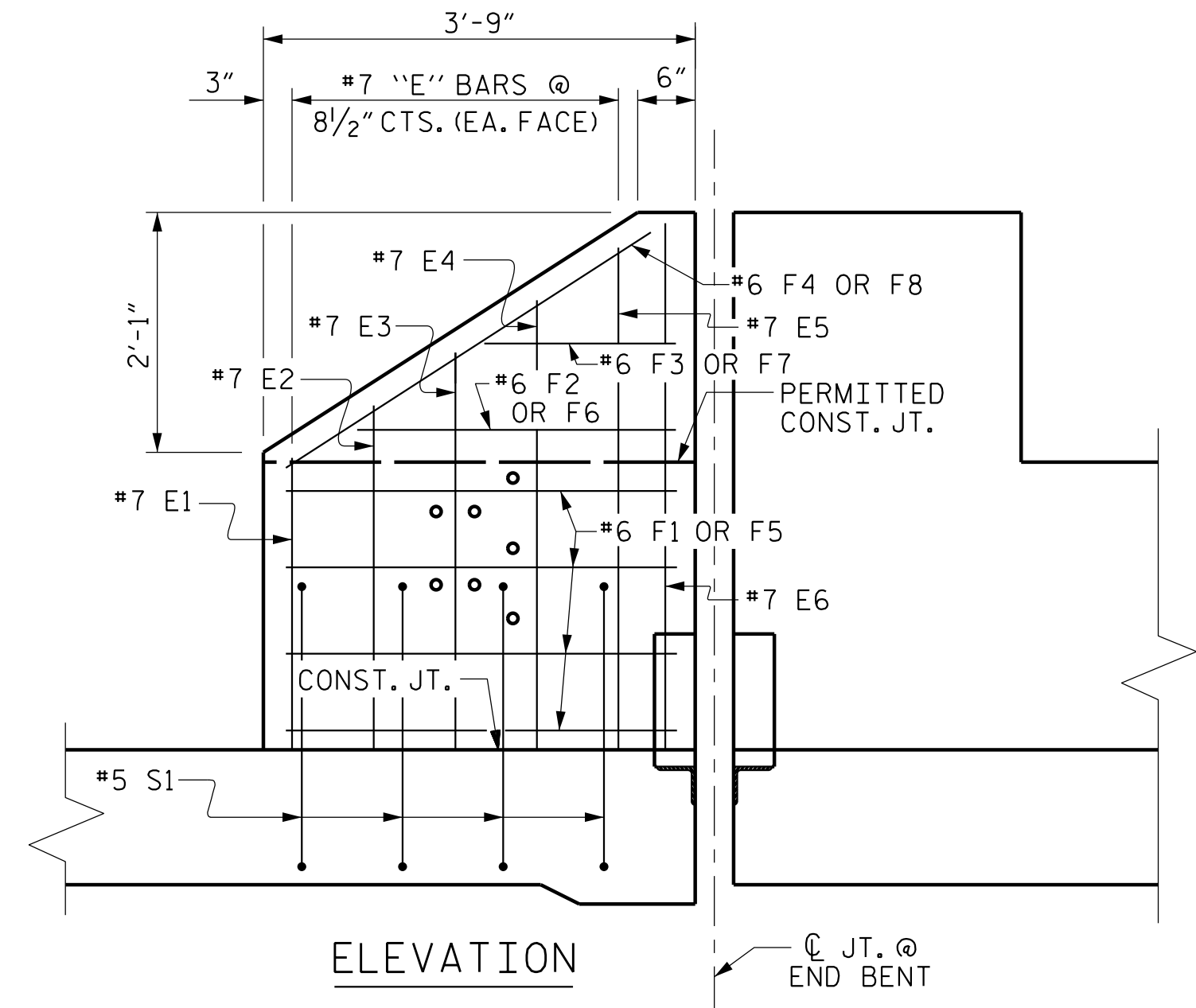


PLAN OF END POST

CL. GUARDRAIL ANCHOR ASSEMBLY SEE "GUARDRAIL ANCHORAGE DETAILS FOR METAL RAILS" SHEET (TYP.)

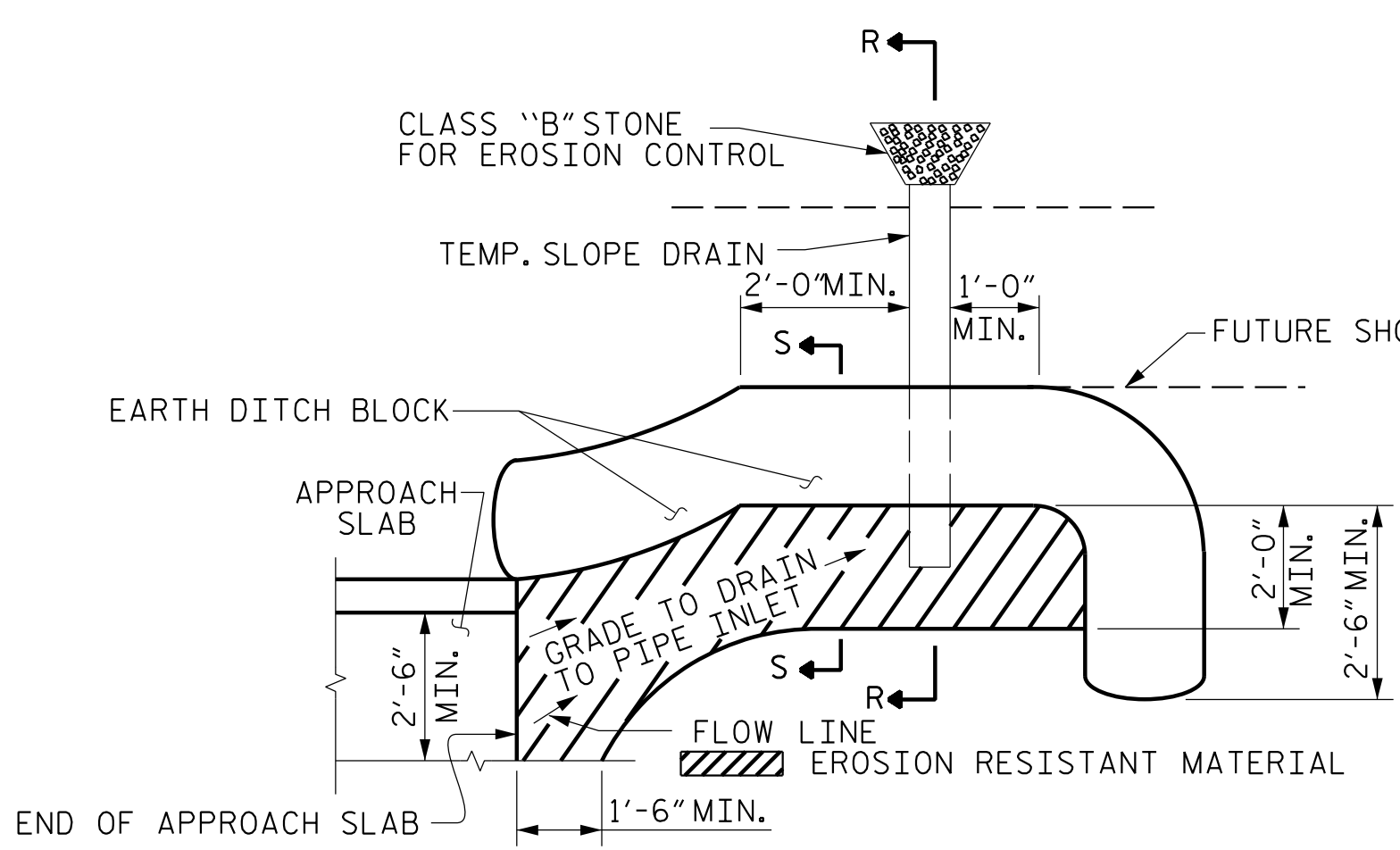


END VIEW

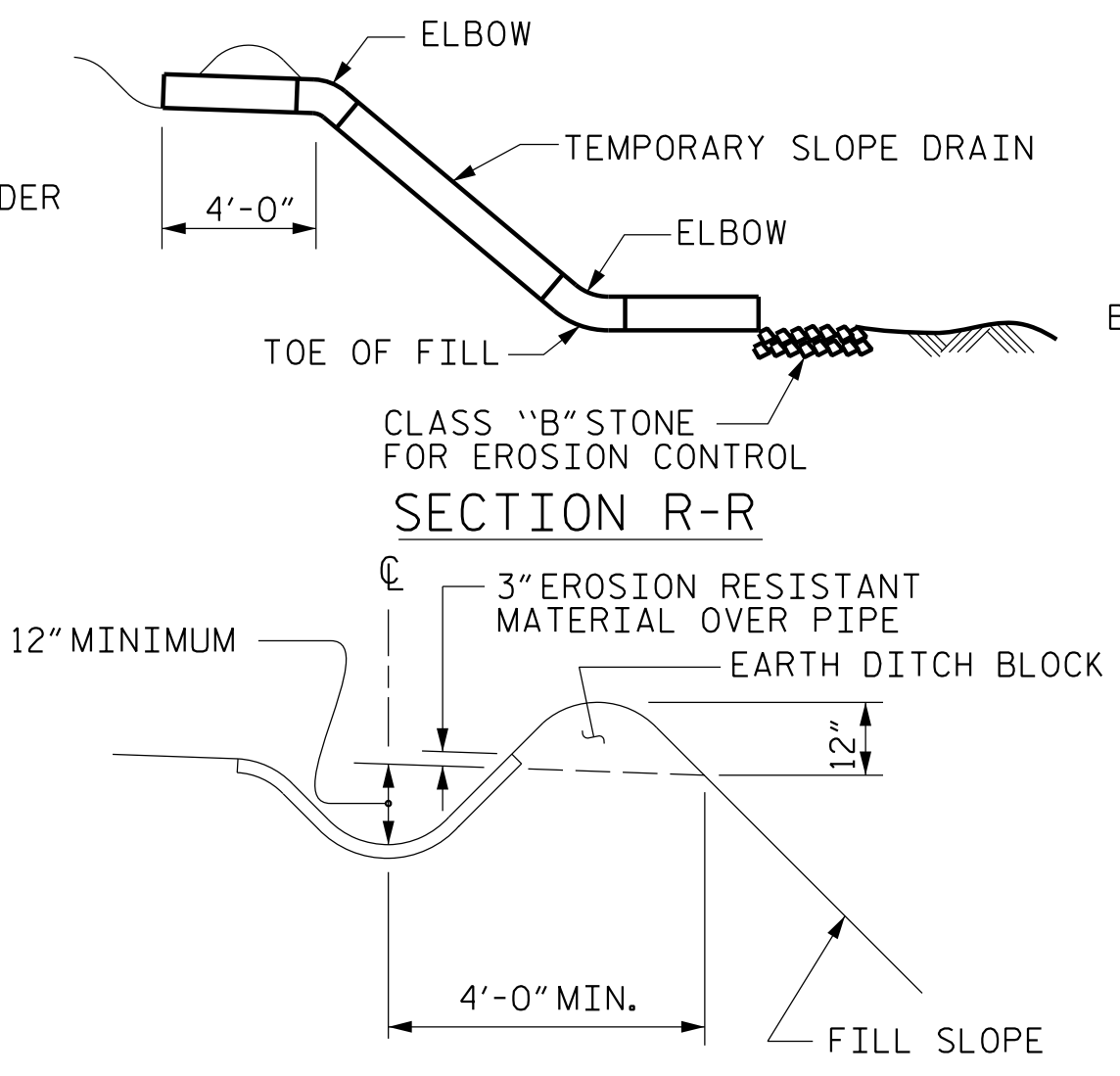


ELEVATION

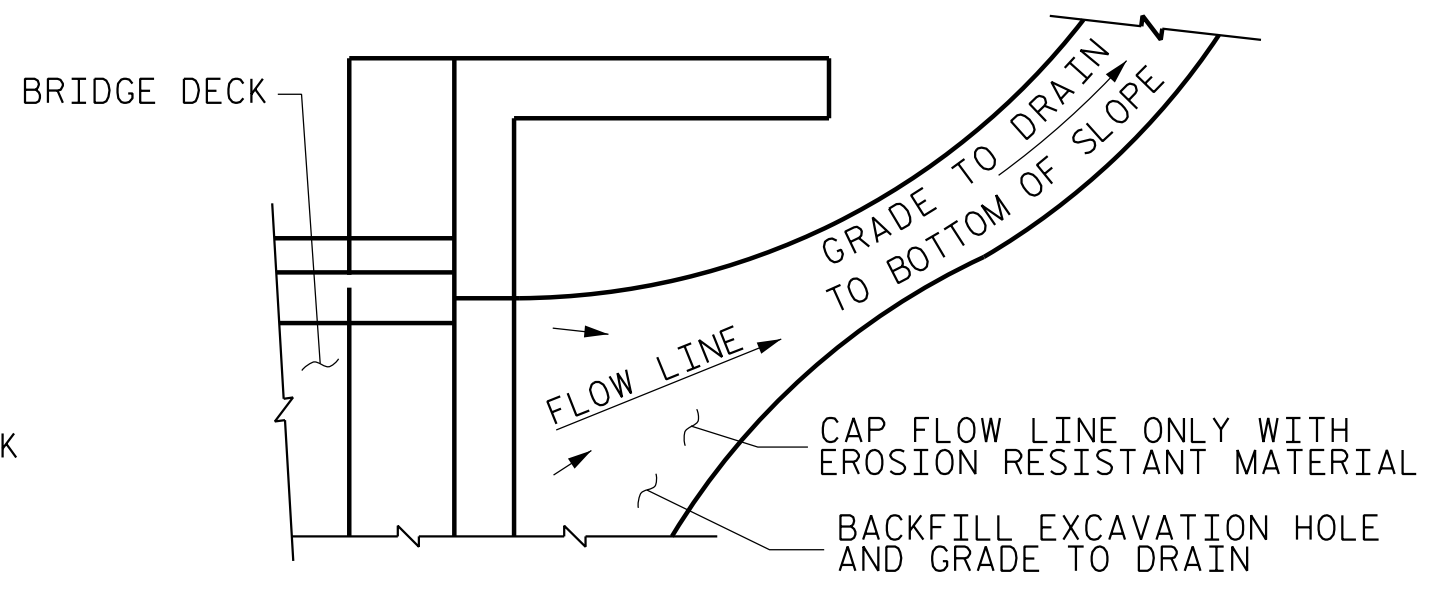
END POST FOR TWO BAR RAIL



PLAN VIEW



SECTION S-S



TEMPORARY DRAINAGE DETAIL

NOTE: IMMEDIATELY AFTER THE CONSTRUCTION OF THE APPROACH SLAB, THE CONTRACTOR SHALL PROVIDE TEMPORARY BERM AND SLOPE DRAIN. CONTRACTOR SHALL GRADE TO PIPE INLET AND PROVIDE EROSION RESISTANT MATERIAL AS SHOWN. THE EROSION RESISTANT MATERIAL SHALL BE EITHER 1) ASPHALT PLANT MIX, TYPE 1 OR TYPE 2, MIN. 2" DEPTH, 2) EROSION CONTROL MAT, OR 3) CONCRETE, AS DIRECTED BY THE ENGINEER. THE SLOPE DRAIN SHALL CONSIST OF A NON-PERFORATED TEMPORARY DRAINAGE PIPE, 12 INCHES IN DIAMETER.

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.

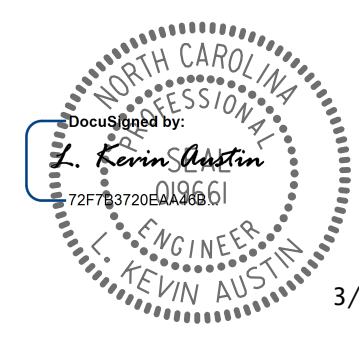
PLANS PREPARED BY:

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THIS STANDARD DRAWING REVIEWED & ADOPTED FOR USE AT THE REFERENCED LOCATION BY THE UNDERSIGNED:



PROJECT NO. U-2519BB
CUMBERLAND COUNTY
STATION: 80+65.32 -Y17- POT

SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
BRIDGE APPROACH
SLAB DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-40
1			3			TOTAL SHEETS
2			4			41

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ASSEMBLED BY :	W. B. ALLEN	DATE :	6/18
CHECKED BY :	Z. H. BROWN	DATE :	6/18
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CHECKED BY :	ARB 11/88	REV. 12/17	MAA/THC
		REV. 5/18	MAA/THC