

NOTES

THE COST OF THE BARRIER RAIL AND PARAPET/END POST ON THE APPROACH SLAB AND THE CLASS VI SELECT MATERIAL SHALL BE INCLUDED IN THE LUMP SUM CONTRACT PRICE BID FOR BRIDGE APPROACH SLABS

APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.

TEMPORARY DRAINAGE AND TEMPORARY BERM AND SLOPE DRAINS WILL BE PAID FOR UNDER THE LUMP SUM PRICE FOR BRIDGE APPROACH SLAB.

AREA BETWEEN THE WINGWALL AND APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE.

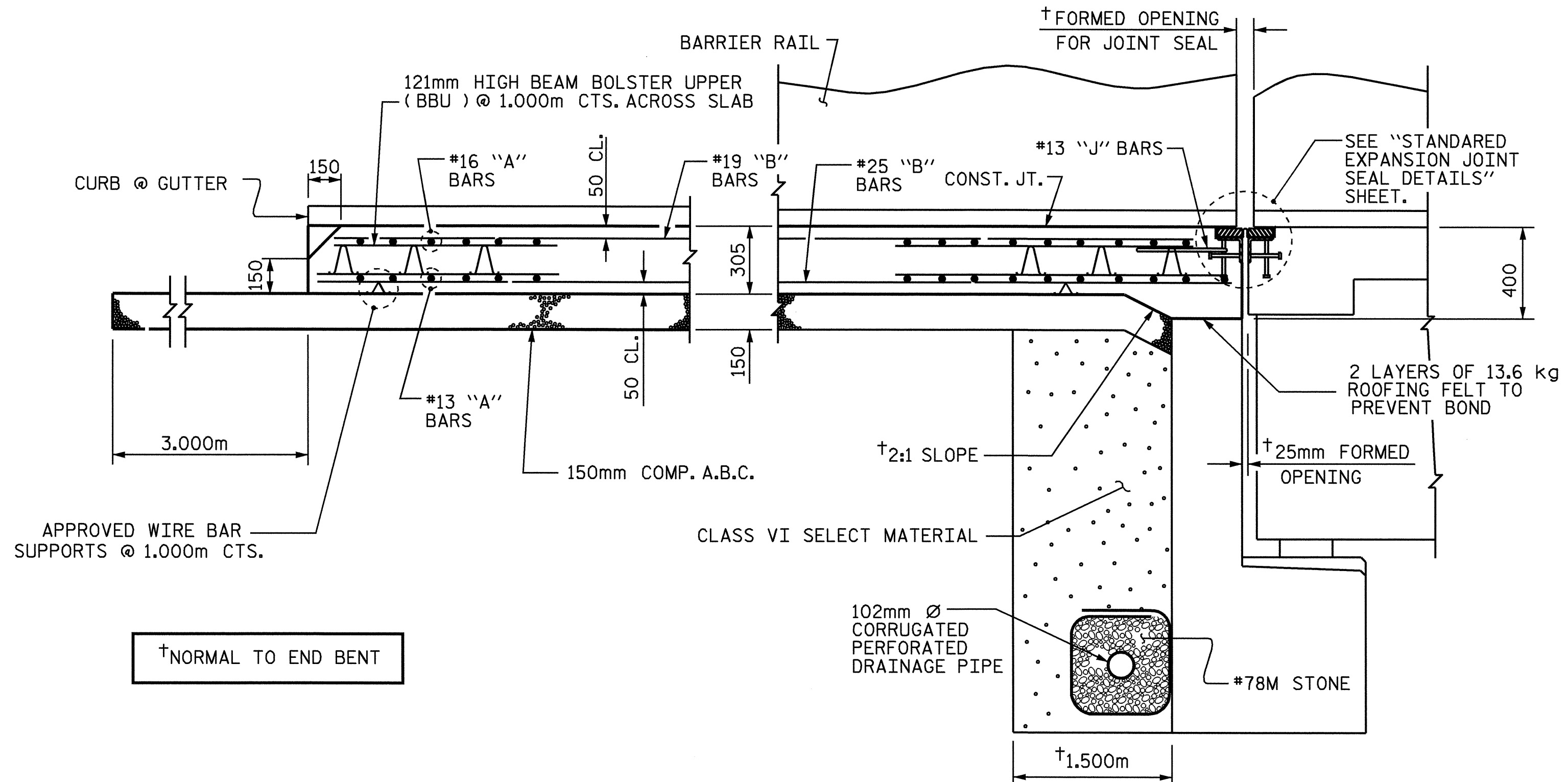
THE 150mm COMP. A.B.C. SHALL EXTEND 3m BEYOND THE END OF THE APPROACH SLAB AND 300mm OUTSIDE OF EACH EDGE OF THE SLAB.

THE CONTRACTOR MAY USE 100mm TYPE B-25.0B ASPHALT CONCRETE COURSE IN LIEU OF 150mm COMP. A.B.C. IF THIS OPTION IS USED, THE BASE COURSE SHALL EXTEND 300mm BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB.

THE CONTRACTOR MAY USE 125mm CLASS "A" CONCRETE BASE IN LIEU OF 150mm COMP. A.B.C. IF THIS OPTION IS USED, THE CONCRETE BASE SHALL EXTEND 300mm BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB. THE CONCRETE SHALL BE FINISHED TO A SMOOTH SURFACE AND A LAYER OF 13.6 kg. ROOFING FELT SHALL BE PLACED BETWEEN THE CONCRETE BASE AND THE APPROACH SLAB TO PREVENT BOND. THE APPROACH SLAB SHALL NOT BE CAST UNTIL THE CONCRETE BASE HAS REACHED AN AGE OF THREE CURING DAYS.

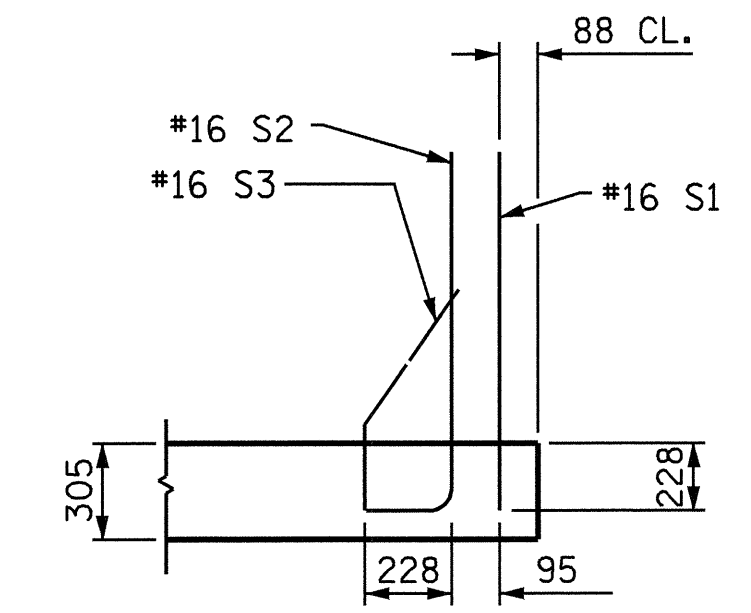
BILL OF MATERIAL FOR TWO APPROACH SLABS

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	50	#16	STR	13880	1078
*A2	34	#16	STR	13960	736
*A3	14	#16	STR	14180	308
A4	168	#13	STR	7240	1210
A5	32	#13	STR	7360	234
*B1	162	#19	STR	7200	2606
B2	162	#25	STR	7500	4828
*B3	7	#16	STR	3600	39
*B4	1	#16	3	1820	3
*B5	7	#16	STR	3440	37
*B6	1	#16	3	2000	3
*B7	16	#16	STR	1100	28
*E1	4	#22	STR	780	10
*E2	4	#22	STR	920	12
*E3	4	#22	STR	1060	12
*E4	4	#22	STR	1220	14
*E5	4	#22	STR	1320	16
*F1	4	#19	STR	520	4
*F2	4	#19	STR	880	8
*F3	4	#19	STR	980	8
*J1	94	#13	4	440	41
*S1	50	#16	STR	980	76
*S2	50	#16	1	1220	94
*S3	20	#16	2	680	22
*S4	16	#16	STR	920	22
REINFORCING STEEL				6272	kg.
*EPOXY COATED REINFORCING STEEL				5177	kg.
CLASS AA CONCRETE BREAKDOWN					
POUR 1 SLAB & CURB				57.7	C. M.
POUR 2 RAIL/PARAPET				2.6	C. M.
CLASS AA CONCRETE				60.3	C. M.

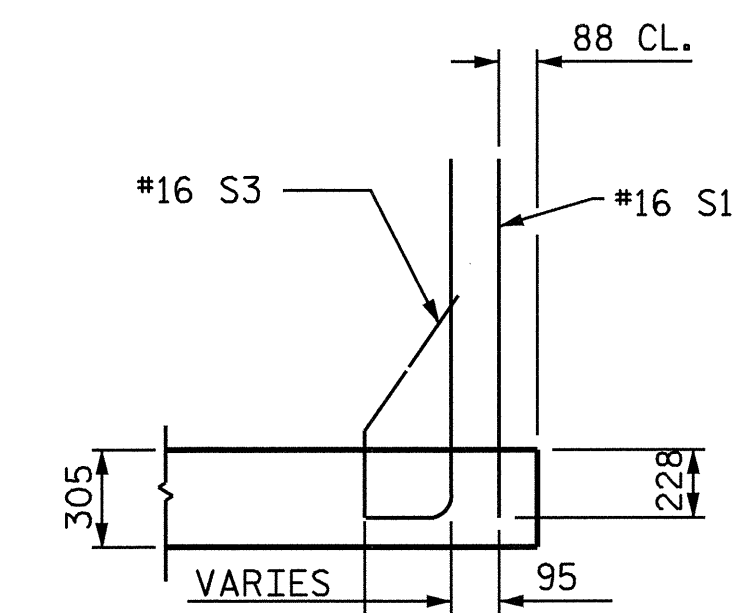


SECTION THRU SLAB-END BENT 1

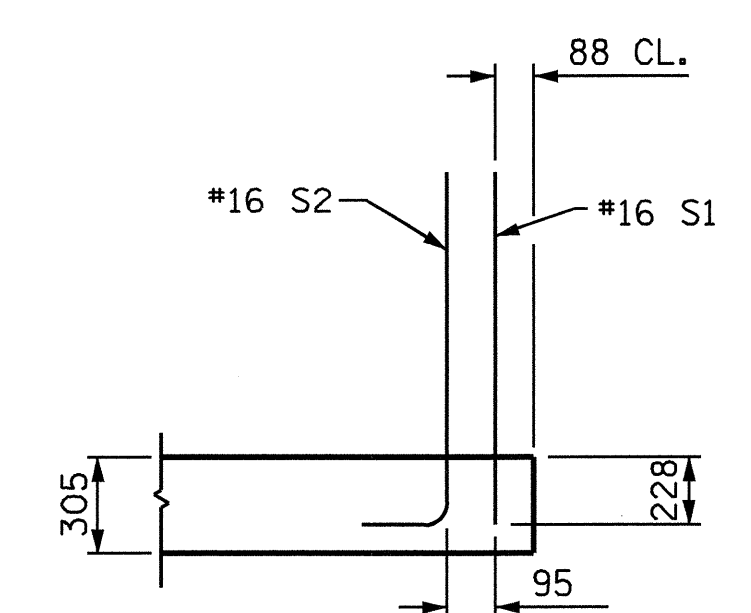
NOTE: CLASS VI SELECT MATERIAL IS TO BE CONTINUOUS ALONG FILL FACE OF BACKWALL AND END BENT FROM OUTSIDE EDGE TO OUTSIDE EDGE OF APPROACH SLAB.



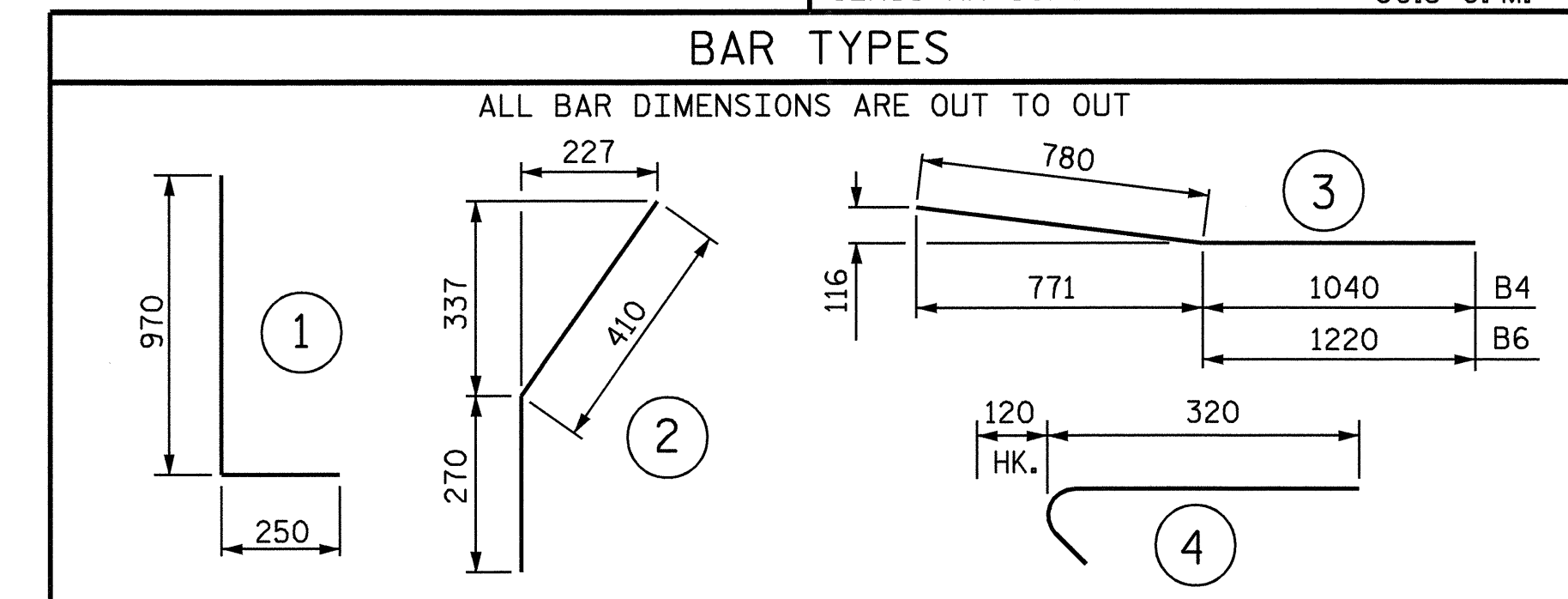
SECTION K-K



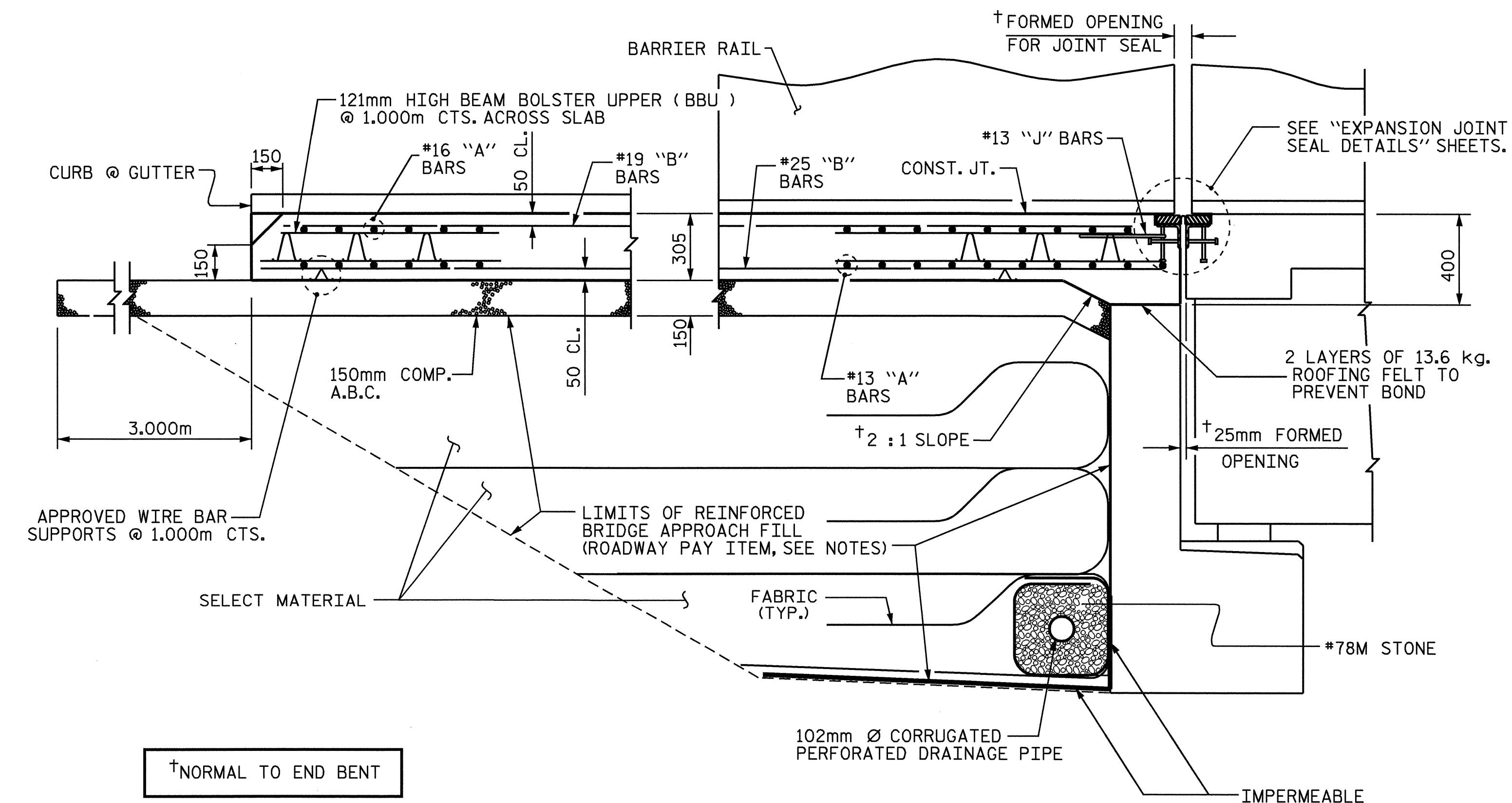
SECTION L-L



SECTION M-M

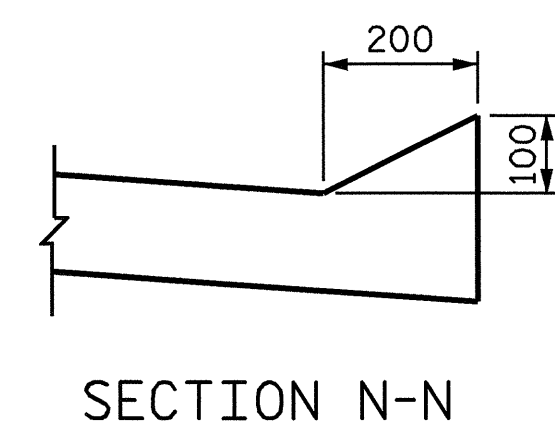


BAR TYPES



SECTION THRU SLAB-END BENT 2

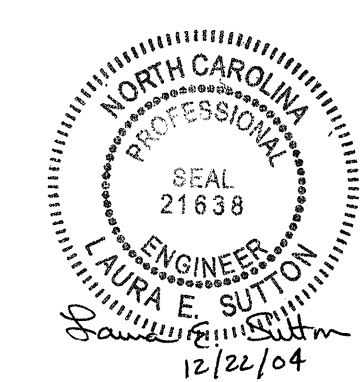
NOTE: FOR REINFORCED BRIDGE APPROACH FILL INCLUDING FABRIC, IMPERMEABLE GEOMEMBRANE, 102mm Ø DRAINAGE PIPE, #78M STONE, AND SELECT MATERIAL, SEE ROADWAY PLANS.



SECTION N-N

PROJECT NO. R-0977A
CHEROKEE COUNTY
STATION: 24+60.500-LC1B-

SHEET 2 OF 5



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
STANDARD
BRIDGE APPROACH SLAB
FOR FLEXIBLE PAVEMENT
WITH BARRIER RAIL

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

TOTAL SHEETS: 230

ASSEMBLED BY : A.S. CALLAWAY DATE : 8/4/04
CHECKED BY : P.C. BREWER DATE : 10/18/04
DRAWN BY : RWW 8/01
CHECKED BY : LES 8/01

ADDED 12/01
REV. 5/7/03R RWW/JTE