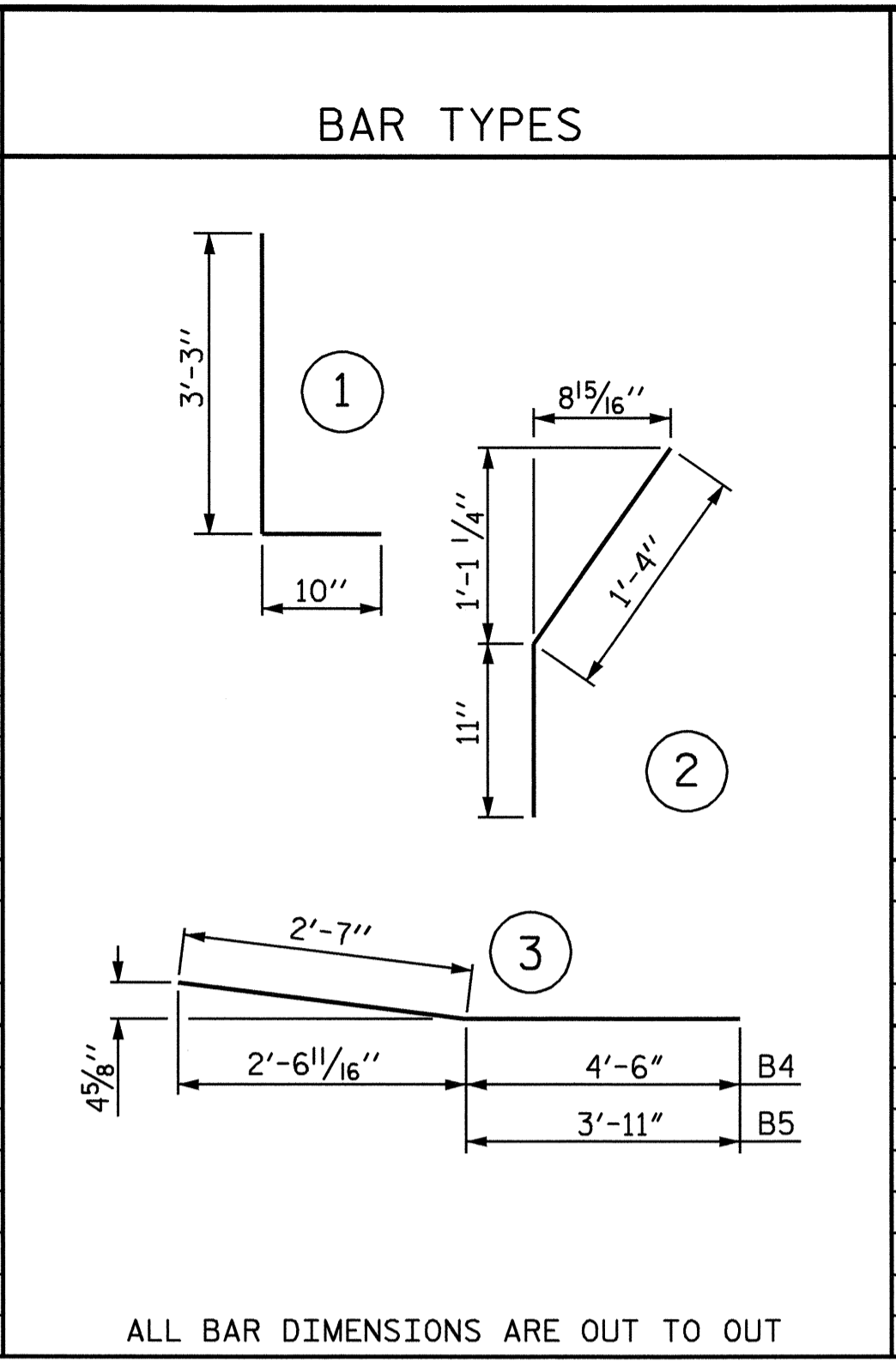


BILL OF MATERIAL FOR APPROACH SLAB @ END BENT 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	50	#5	STR	48'-10"	2547
A2	100	#4	STR	25'-8"	1715
*B1	86	#6	STR	24'-5"	3154
B2	86	#8	STR	24'-7"	5645
*B3	14	#5	STR	11'-6"	168
*B4	1	#5	3	7'-1"	7
*B5	1	#5	3	6'-6"	7
*B6	1	#6	STR	2'-5"	4
*G1	1	#5	STR	49'-7"	52
*S1	48	#5	STR	3'-3"	163
*S2	40	#5	1	4'-1"	170
*S3	20	#5	2	2'-3"	47
REINFORCING STEEL					LBS. 7360
*EPOXY COATED REINFORCING STEEL					LBS. 6319
CLASS AA CONCRETE BREAKDOWN					
POUR 1 SLAB				C. Y.	43.1
POUR 2 RAIL				C. Y.	2.2
CLASS AA CONCRETE					C. Y. 45.3
ELASTOMERIC CONCRETE					C. Y. 0.3



BILL OF MATERIAL FOR APPROACH SLAB @ END BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	50	#5	STR	48'-10"	2547
A2	100	#4	STR	25'-8"	1715
*B1	85	#6	STR	24'-5"	3154
B2	85	#8	STR	24'-7"	5579
*B3	14	#5	STR	11'-6"	168
*B4	1	#5	3	7'-1"	7
*B5	1	#5	3	6'-6"	7
*B7	1	#6	STR	2'-10"	4
*G1	1	#5	STR	49'-7"	52
*S1	48	#5	STR	3'-3"	163
*S2	40	#5	1	4'-1"	170
*S3	20	#5	2	2'-3"	47
REINFORCING STEEL					LBS. 7294
*EPOXY COATED REINFORCING STEEL					LBS. 6319
CLASS AA CONCRETE BREAKDOWN					
POUR 1 SLAB				C. Y.	40.8
POUR 2 RAIL				C. Y.	2.2
CLASS AA CONCRETE					C. Y. 43.0
ELASTOMERIC CONCRETE					C. Y. 0.3

**NOTES**

THE COST OF THE BARRIER RAIL ON THE APPROACH SLAB 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.

FOR REINFORCED BRIDGE APPROACH FILL INCLUDING FABRIC, IMPERMEABLE GEOMEMBRANE, 4" Ø DRAINAGE PIPE, #78M STONE, AND SELECT MATERIAL, SEE ROADWAY PLANS.

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 AND SHALL BE PAVED. SEE ROADWAY PLANS.

THE 6" COMP. A.B.C. SHALL EXTEND 10'-0" BEYOND THE END OF THE APPROACH SLAB AND 1'-0" OUTSIDE OF EACH EDGE OF SLAB.

THE CONTRACTOR MAY USE 4" TYPE B-25.0B ASPHALT CONCRETE BASE COURSE IN LIEU OF 6" COMP. A.B.C. IF THIS OPTION IS USED, THE BASE COURSE SHALL EXTEND 1'-0" BEYOND THE END OF THE APPROACH SLAB AND THE WIDTH SHALL BE THE SAME AS THAT OF THE APPROACH SLAB.

THE CONTRACTOR MAY USE 5" CLASS "A" CONCRETE BASE IN LIEU OF 6" COMP. A.B.C. IF THIS OPTION IS USED, THE CONCRETE BASE SHALL EXTEND 1'-0" 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 30 LB 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.

THE JOINT SHALL BE SAWED PRIOR TO THE CASTING OF THE BARRIER RAIL.

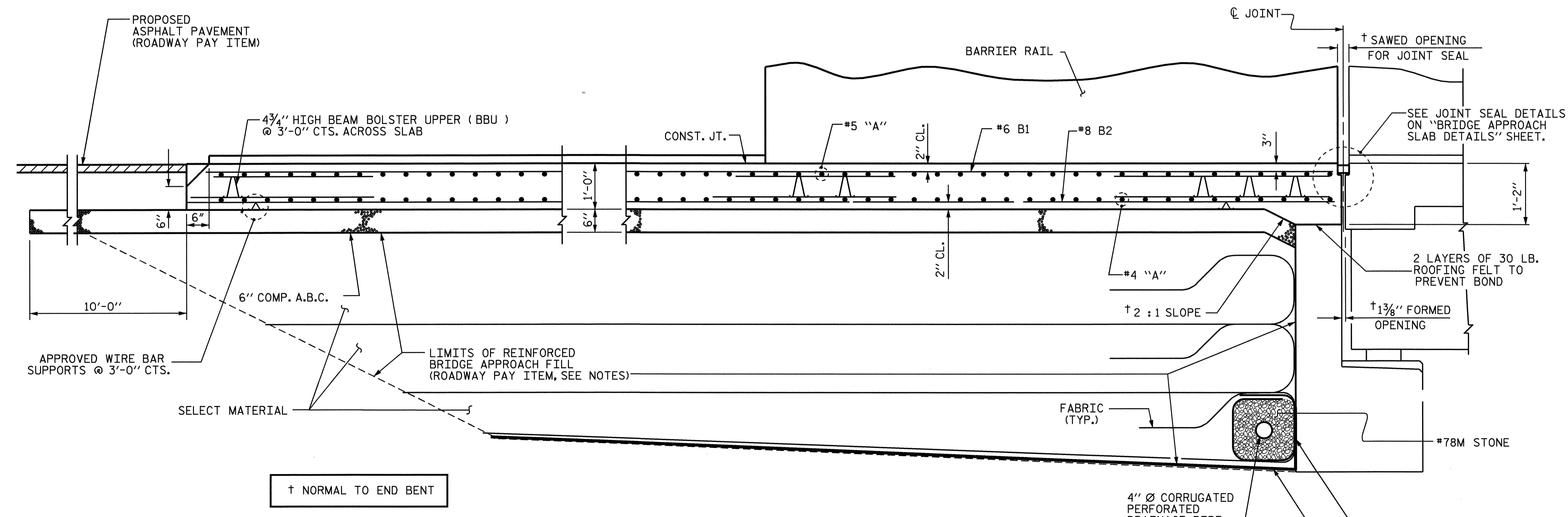
APPROACH SLAB GROOVING SHALL BE PAID FOR UNDER THE GROOVING BRIDGE FLOORS PAY ITEM.

FOR EVAZOTE JOINT SEALS, SEE SPECIAL PROVISIONS.

THE NOMINAL UNCOMPRESSED SEAL WIDTH OF THE EVAZOTE JOINT SEAL SHALL BE 3 1/8".

FOR ELASTOMERIC CONCRETE SEE SPECIAL PROVISIONS.

PAYMENT FOR ELASTOMERIC CONCRETE SHALL BE INCLUDED IN THE LUMP SUM PAY ITEM FOR EVAZOTE JOINT SEALS.



**SECTION THRU SLAB**

PROJECT NO. B-3419  
BURKE COUNTY  
 STATION: 20+15.00 -L-

SHEET 1 OF 4

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**BRIDGE APPROACH SLAB FOR FLEXIBLE PAVEMENT WITH BARRIER RAIL**

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-20	
1			3			TOTAL SHEETS	23
2			4				

ASSEMBLED BY : M.K. BEARD      DATE : 3/26/04  
 CHECKED BY : R.L. CHESSON      DATE : 4/20/04  
 DRAWN BY : LES 8/01      REV. 5/7/03      RWW/JTE  
 CHECKED BY : RDR 8/01

24-AUG-2004 08:28  
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STD. NO. BAS5