

**SECTION THRU SLAB**  
(TYPE III - REINFORCED APPROACH FILL)

**NOTES**

FOR BRIDGE APPROACH FILL INCLUDING GEOTEXTILE, MSE WALL REINFORCEMENT, AND BACK FILL MATERIAL, SEE ROADWAY PLANS.

GEOTEXTILE SHALL BE TYPE 1 IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS SECTION 1056.

BACKFILL MATERIAL IS GOING TO BE THE AGGREGATE USED IN THE REINFORCED ZONE FOR THE MSE RETAINING WALL.

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

AREA LEFT AND RIGHT OF APPROACH SLAB SHALL BE GRADED TO DRAIN THE WATER AWAY FROM THE FILL FACE OF THE BRIDGE AND SHALL BE PAVED. SEE ROADWAY PLANS.

FOR STRIP SEAL EXPANSION JOINTS, SEE SPECIAL PROVISIONS.

**SPLICE LENGTHS**

BAR SIZE	EPOXY COATED	UNCOATED
#4	1' - 11"	1' - 7"
#5	2' - 5"	2' - 0"
#6	3' - 7"	2' - 5"

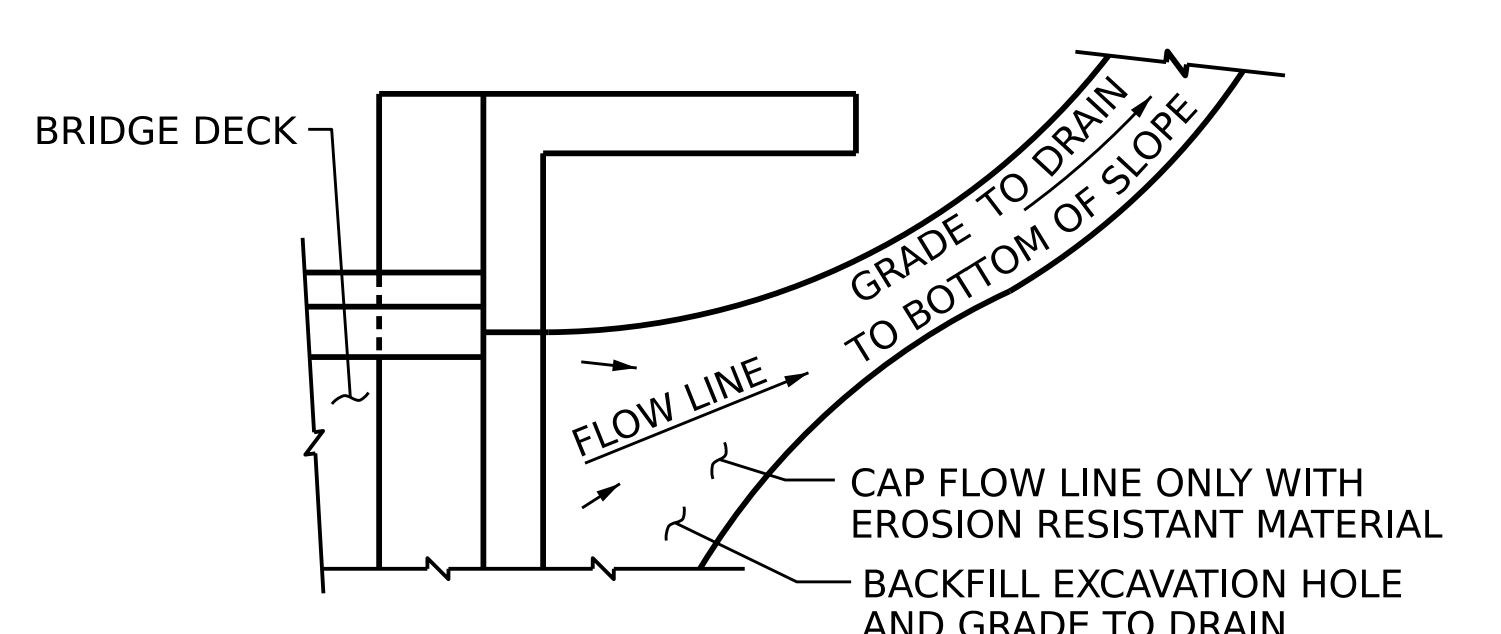
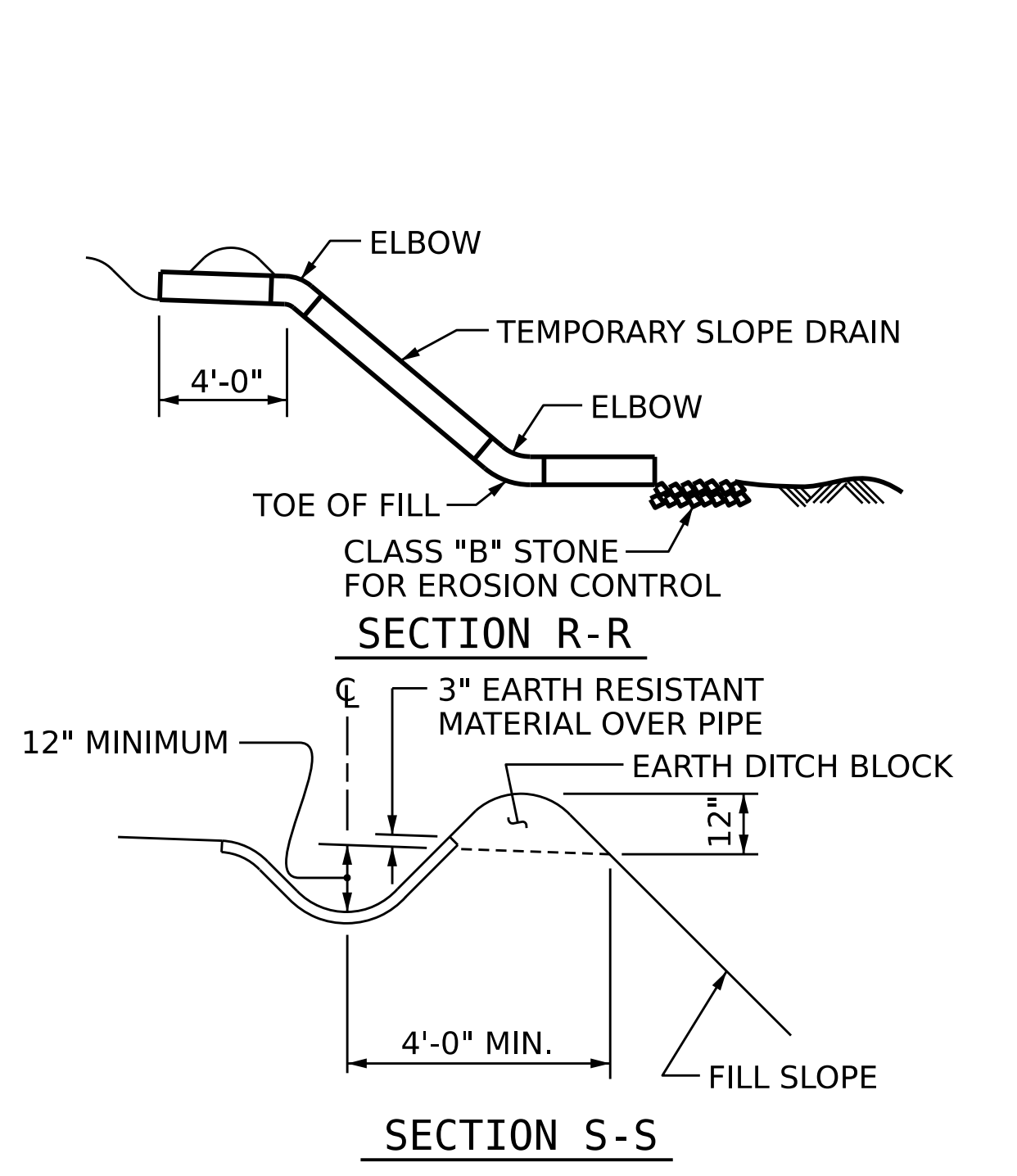
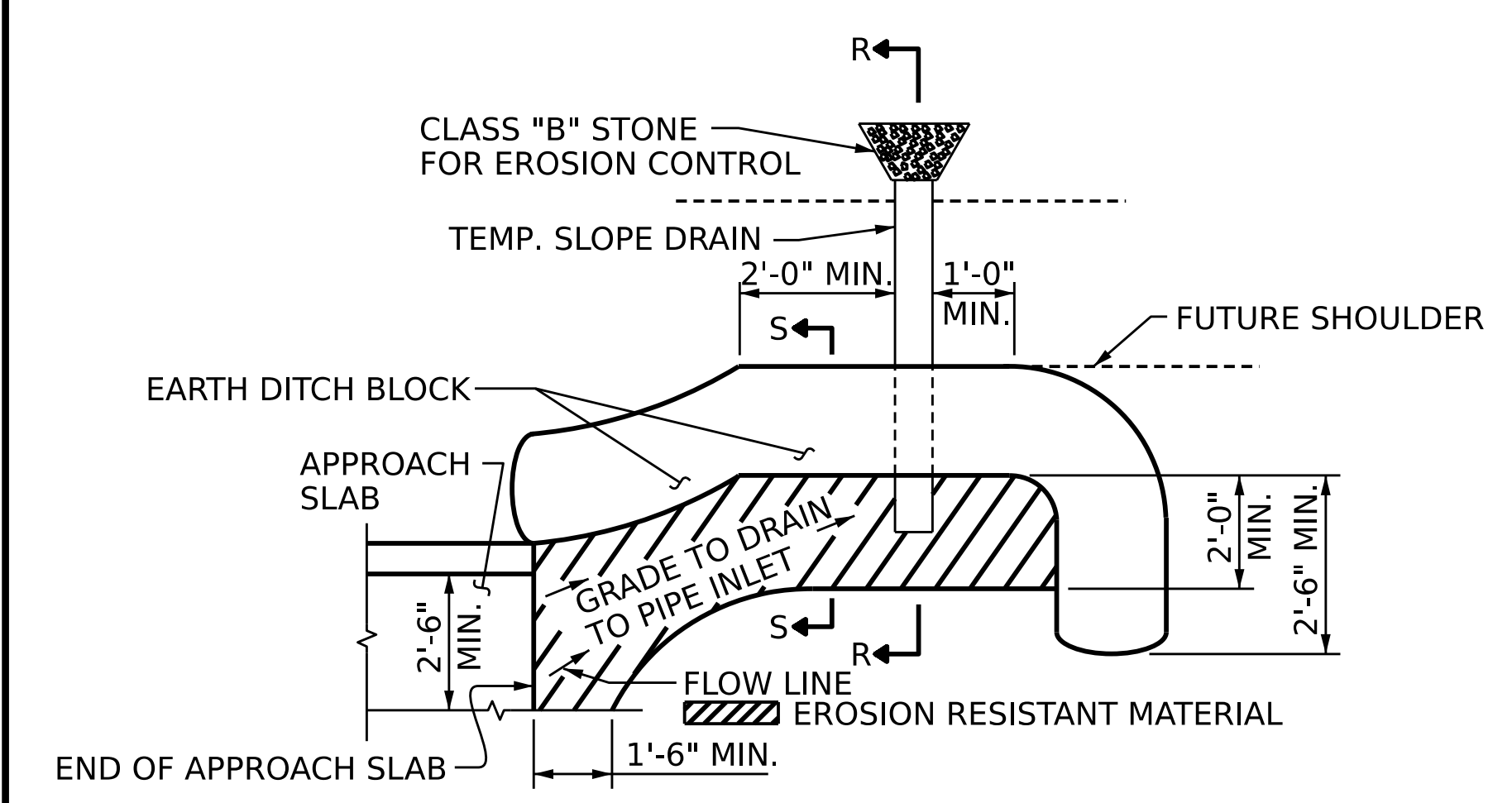
**BILL OF MATERIAL**

**STAGE I**  
**FOR ONE APPROACH SLAB (2 REQ'D)**

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	48	#4	STR	19'-10"	636
A2	52	#4	STR	19'-6"	677
* B1	69	#5	STR	24'-8"	1775
B2	69	#6	STR	24'-8"	2556
* B3	4	#5	STR	6'-6"	27
B4	4	#6	STR	6'-6"	39
REINFORCING STEEL					3,272 LBS.
* EPOXY COATED REINFORCING STEEL					2,438 LBS.
CLASS AA CONCRETE					38.4 C.Y.

**STAGE II**  
**FOR ONE APPROACH SLAB (2 REQ'D)**

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A3	48	#4	STR	25'-10"	828
A4	52	#4	STR	25'-8"	892
* B1	97	#5	STR	24'-8"	2496
B2	97	#6	STR	24'-8"	3594
* B3	4	#5	STR	6'-6"	27
B4	4	#6	STR	6'-6"	39
REINFORCING STEEL					3,351 LBS.
* EPOXY COATED REINFORCING STEEL					4,525 LBS.
CLASS AA CONCRETE					53.0 C.Y.



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.

PROJECT NO. BR-0043  
ROCKINGHAM COUNTY  
STATION: POT 25+80.88 -L-  
SHEET 2 OF 3

**AECOM**  
AECOM TECHNICAL SERVICES OF NC, INC.  
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AECOM License No. F02642

DocuSigned by:  
*John C. Morrison* 1/31/2023  
AZFDE142C82F44B

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

**APPROACH SLAB DETAILS**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-44
1			3			TOTAL SHEETS 45
2			4			

DRAWN BY : B.T. LEROY DATE : 11/2022  
CHECKED BY : J.C. MORRISON DATE : 11/2022  
DESIGN ENGINEER OF RECORD: J.C. MORRISON DATE : 12/2022

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED