

NOTES

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

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

BACKFILL MATERIAL SHALL BE THE AGGREGATE USED IN THE REINFORCED ZONE FOR THE MSE RETAINING WALL.

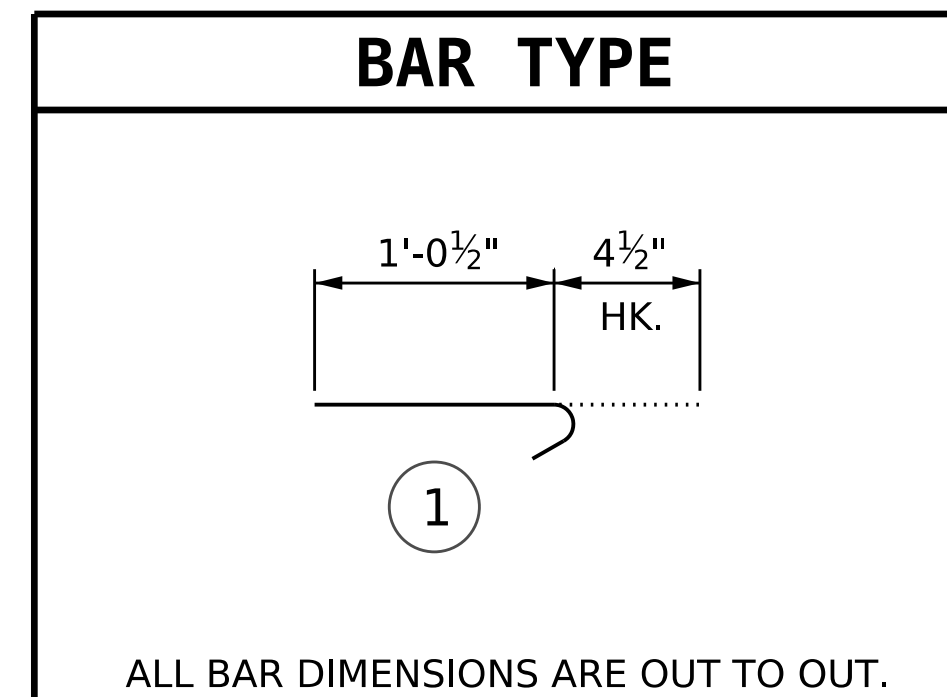
APPROACH SLAB SHALL NOT BE CONSTRUCTED PRIOR TO COMPLETION OF THE BRIDGE DECK.

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 EXPANSION JOINT SEAL, SEE SPECIAL PROVISIONS.

SPLICE LENGTHS

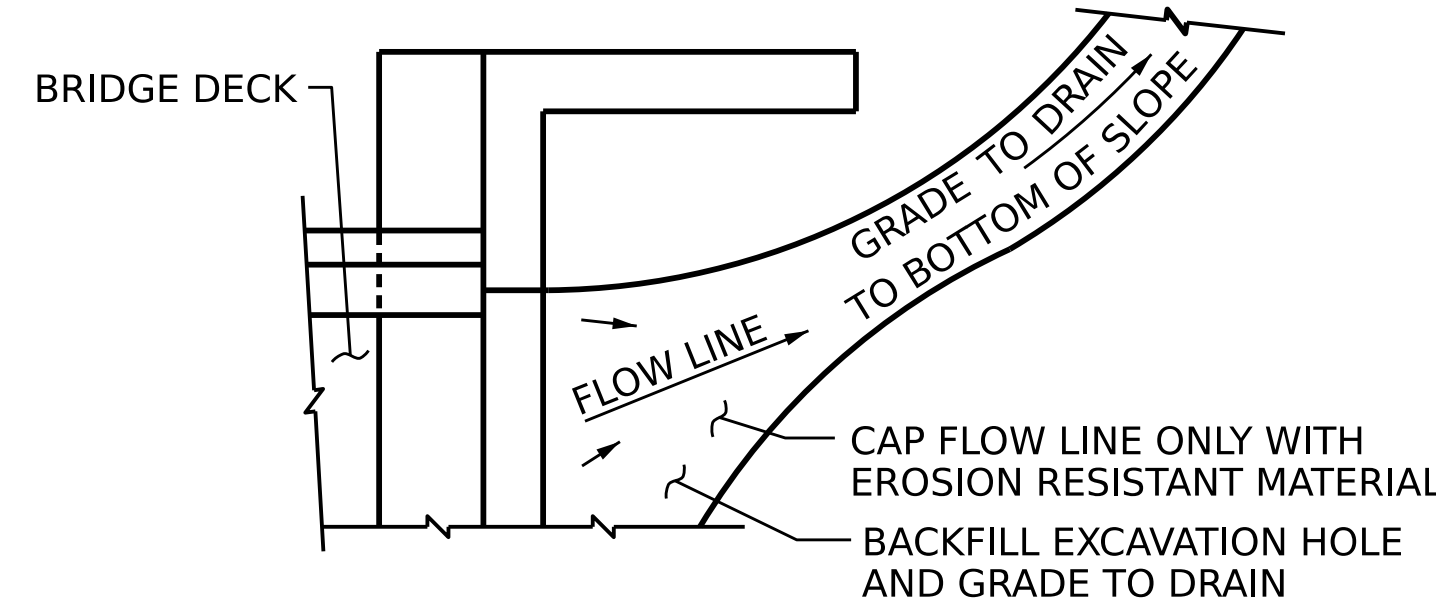
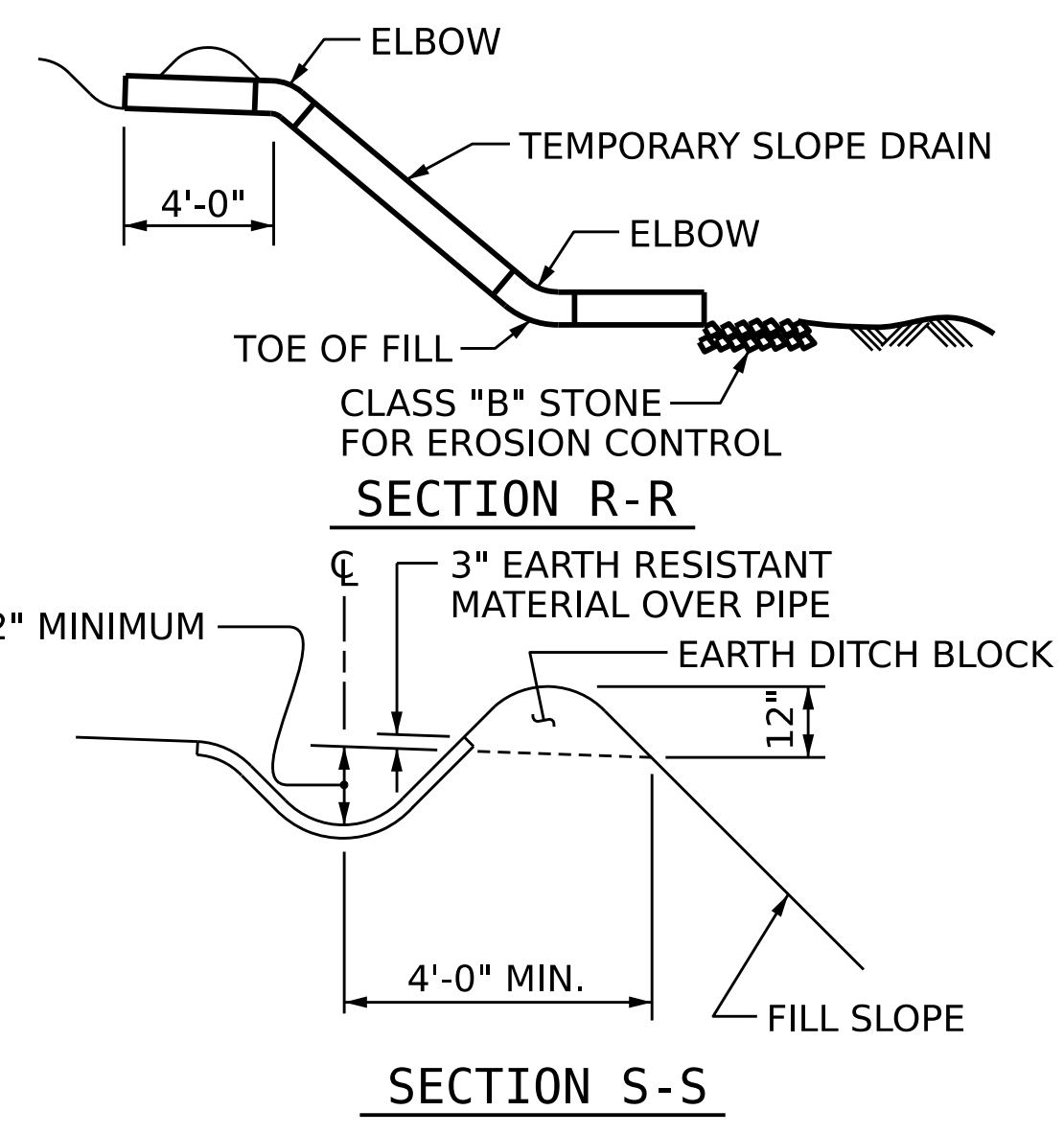
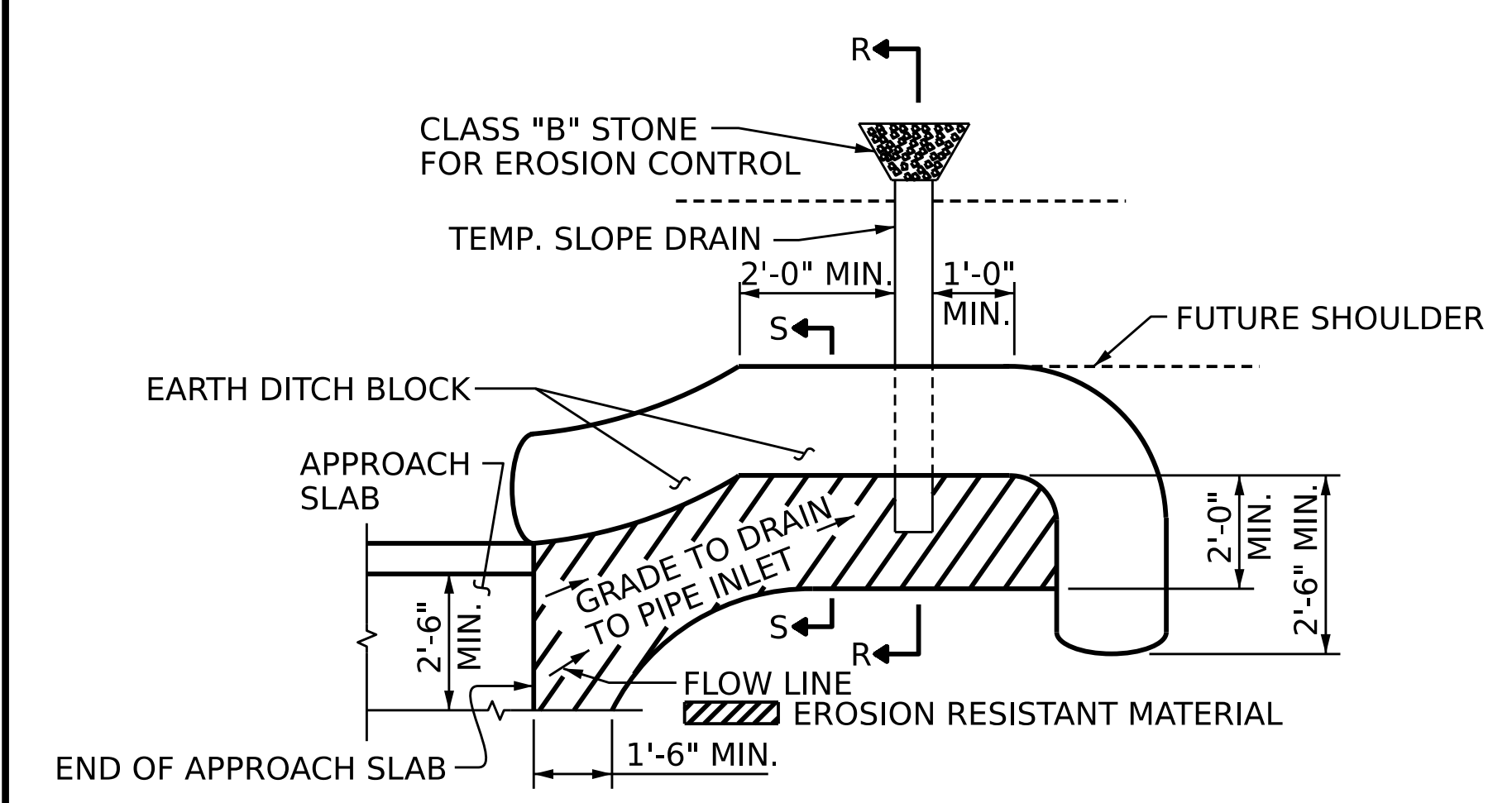
BAR SIZE	EPOXY COATED	UNCOATED
#4	1' - 11"	1' - 7"
#5	2' - 5"	2' - 0"
#6	3' - 7"	2' - 5"



BILL OF MATERIAL

STAGE I					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	50	#4	STR	39'-8"	1325
A2	52	#4	STR	39'-8"	1378
* A5	75	#4	STR	33'-7"	1683
A6	78	#4	STR	33'-7"	1750
* B1	60	#5	STR	22'-11"	1434
B2	60	#6	STR	23'-11"	2155
* B3	12	#5	STR	32'-0"	401
B4	12	#6	STR	32'-0"	577
* B9	75	#5	STR	20'-5"	1597
B10	75	#6	STR	21'-4"	2403
* B15	9	#5	STR	27'-5"	257
B16	9	#6	STR	27'-5"	371
* B17	2	#5	STR	19'-10"	41
B18	2	#6	STR	19'-10"	60
* B19	28	#5	STR	6'-0"	175
B20	28	#6	STR	6'-0"	252
* J1	158	#4	1	1'-5"	150
REINFORCING STEEL					8,946 LBS.
* EPOXY COATED REINFORCING STEEL					7,063 LBS.
CLASS AA CONCRETE					81.7 C.Y.
STAGE II					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A3	50	#4	STR	17'-5"	582
A4	52	#4	STR	17'-5"	605
* A7	50	#4	STR	18'-2"	607
A8	52	#4	STR	18'-2"	631
* B1	26	#5	STR	22'-11"	621
B2	26	#6	STR	23'-11"	934
* B5	6	#5	STR	23'-1"	144
B6	6	#6	STR	23'-1"	208
* B7	2	#5	STR	14'-2"	30
B8	2	#6	STR	14'-2"	43
* B9	27	#5	STR	20'-5"	575
B10	27	#6	STR	21'-4"	865
* B11	3	#5	STR	22'-0"	69
B12	3	#6	STR	22'-0"	99
* B13	2	#5	STR	10'-7"	22
B14	2	#6	STR	10'-7"	32
* J1	62	#4	1	1'-5"	59
REINFORCING STEEL					3,417 LBS.
* EPOXY COATED REINFORCING STEEL					2,709 LBS.
CLASS AA CONCRETE					31.3 C.Y.

SECTION THRU SLAB
(TYPE II FILL - SEE ROADWAY PLANS SHEET 2C-7)



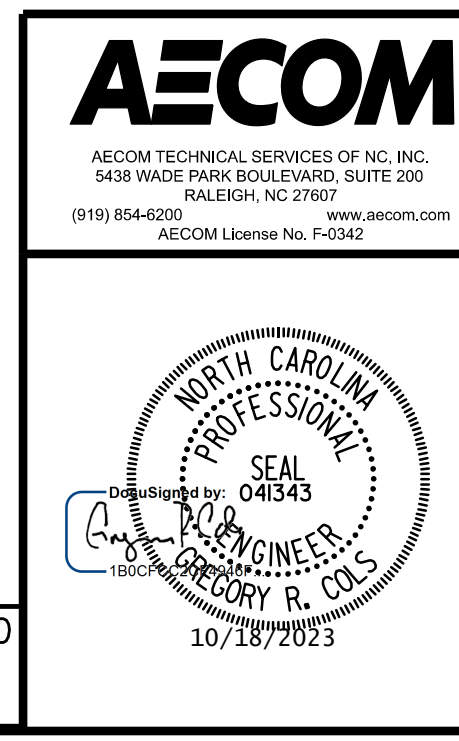
NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT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

TEMPORARY BERM AND SLOPE DRAIN DETAILS

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)

DRAWN BY :	M.L. CATER	DATE :	05/2023
CHECKED BY :	S. NATARAJAN	DATE :	05/2023
DESIGN ENGINEER OF RECORD :	G. COLS	DATE :	05/2023

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PROJECT NO. **B-3186 / B-5898**
HAYWOOD COUNTY
STATION: **32+21.34 -L LT-**
SHEET 2 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

APPROACH SLAB DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-42
1			3			TOTAL SHEETS
2			4			43