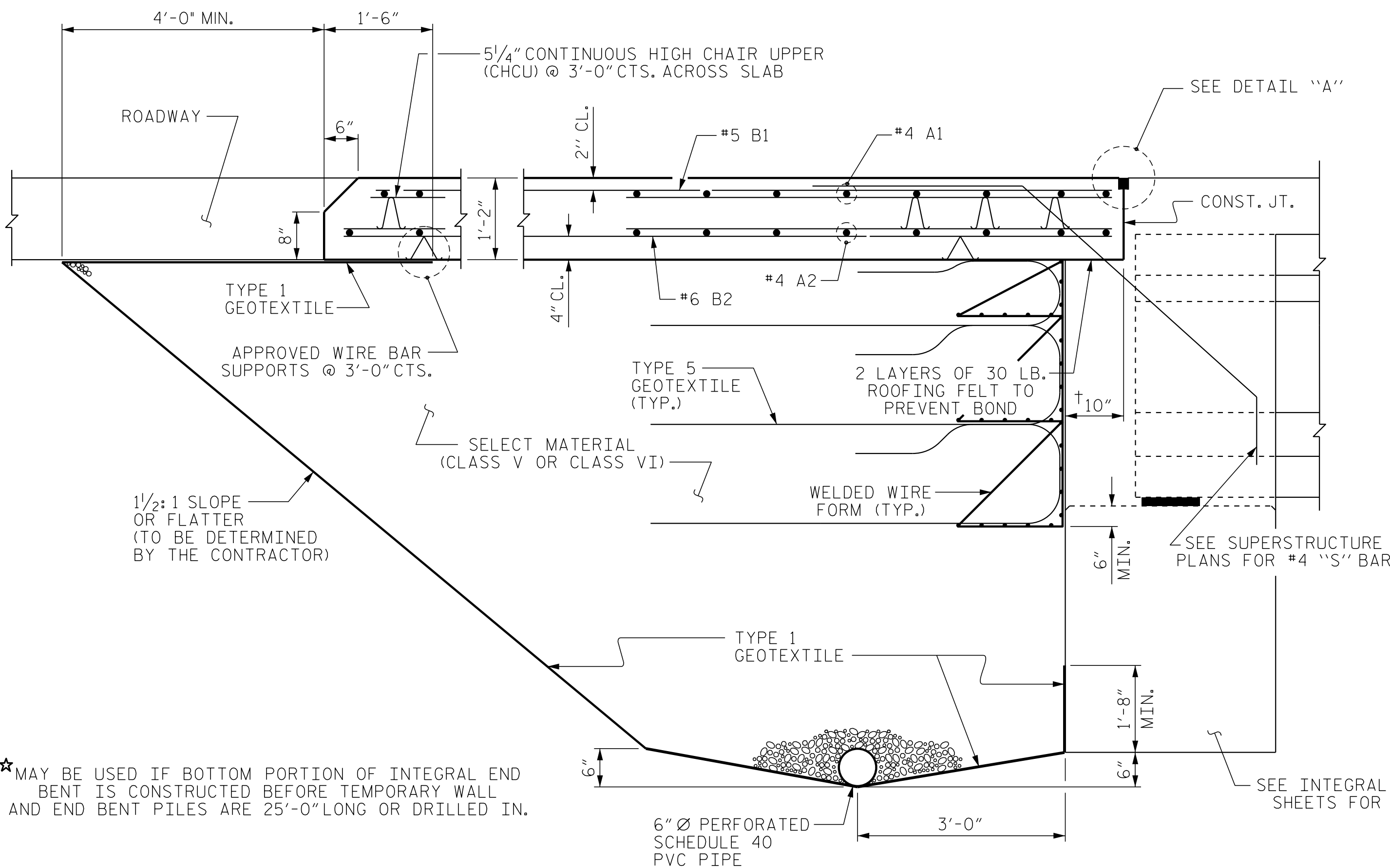


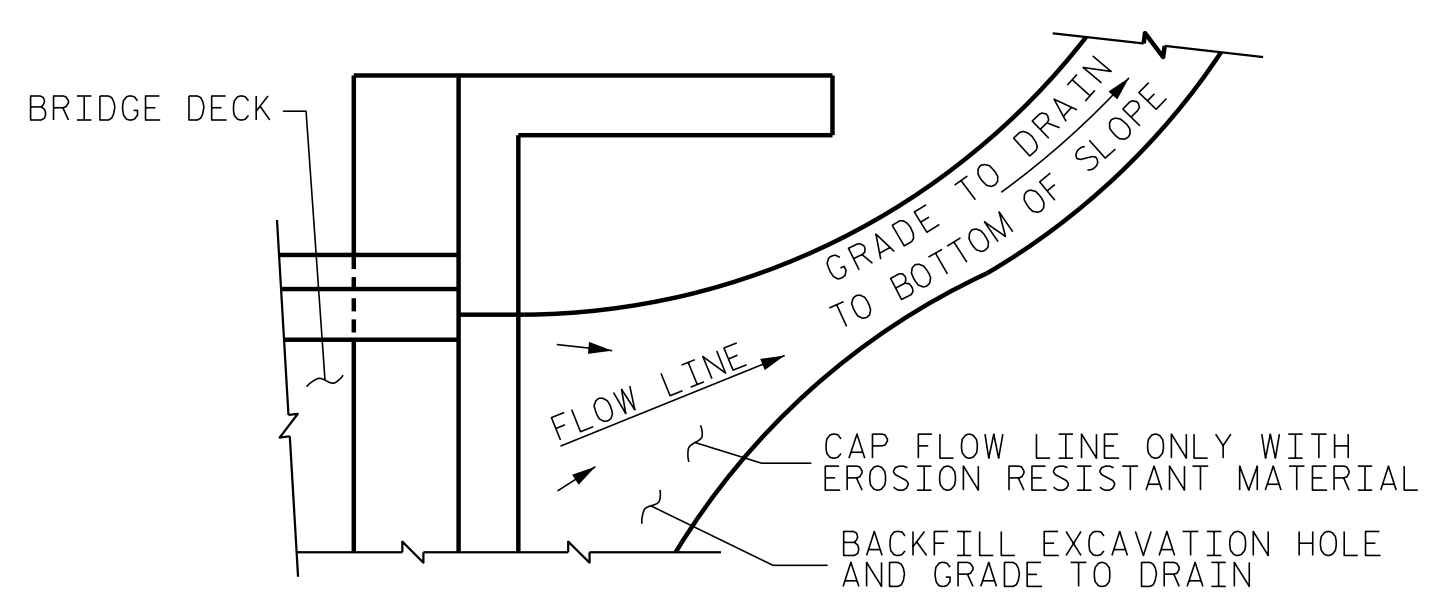
SECTION THRU SLAB

(TYPE A - ALTERNATE APPROACH FILL)

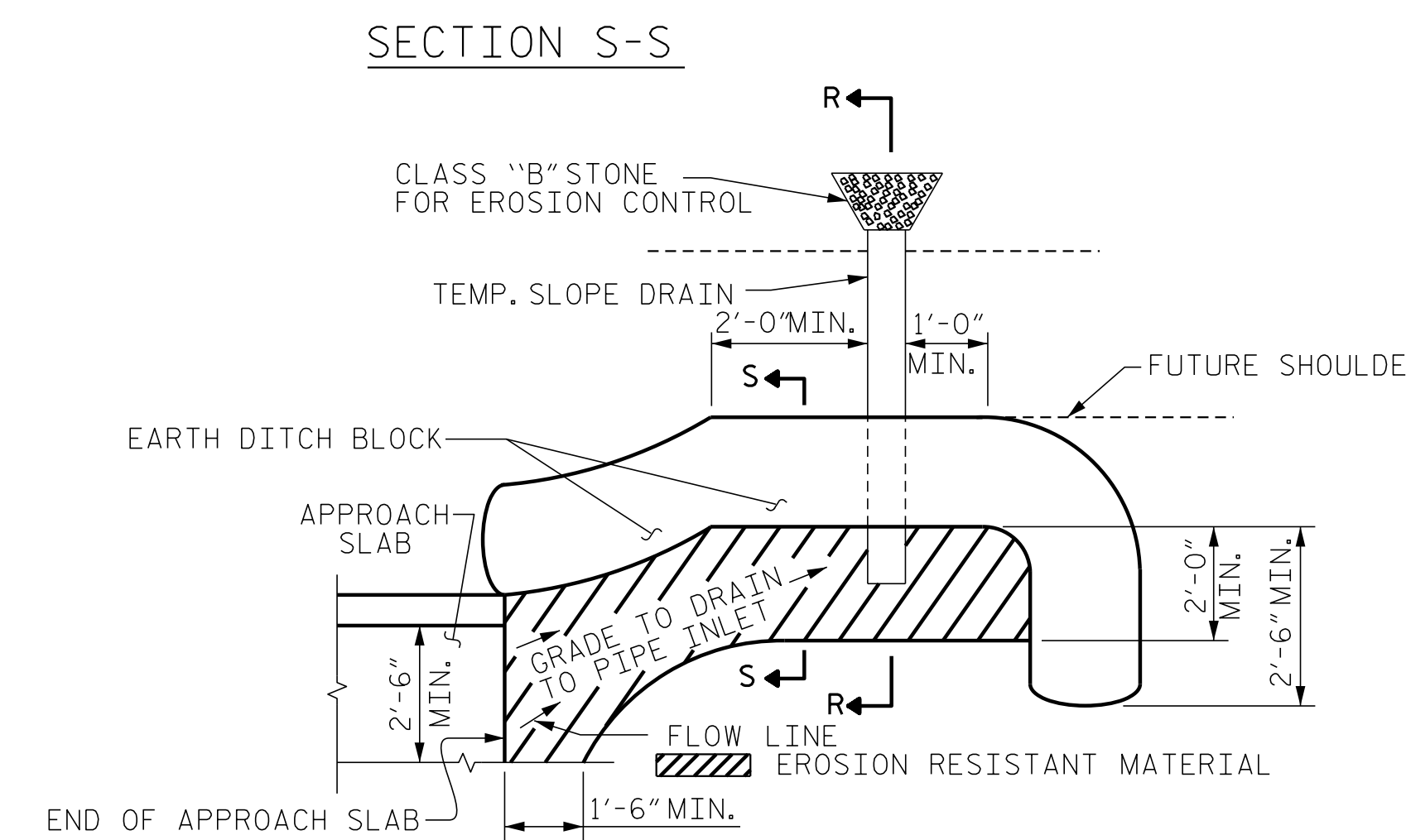
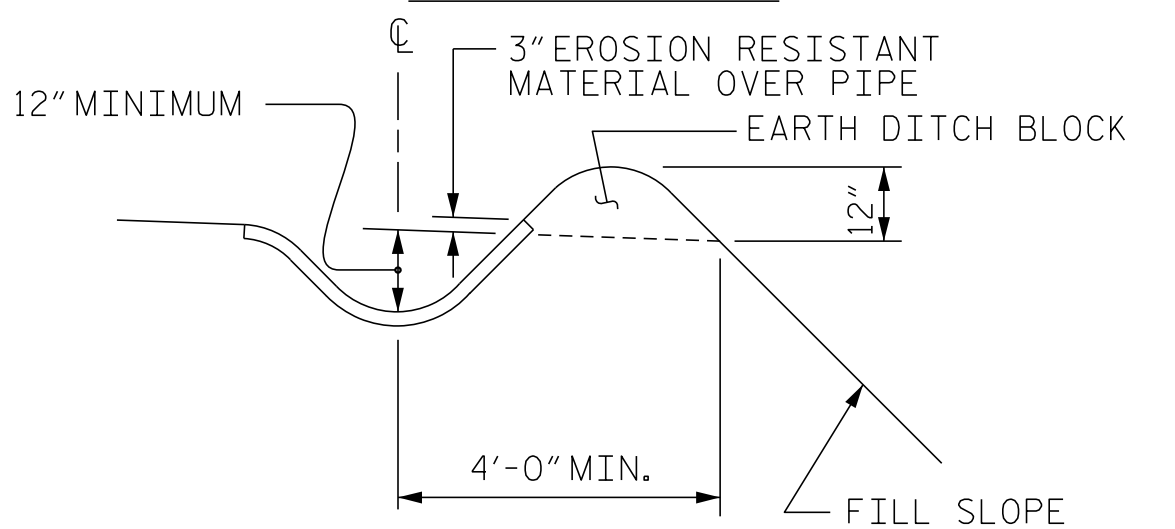
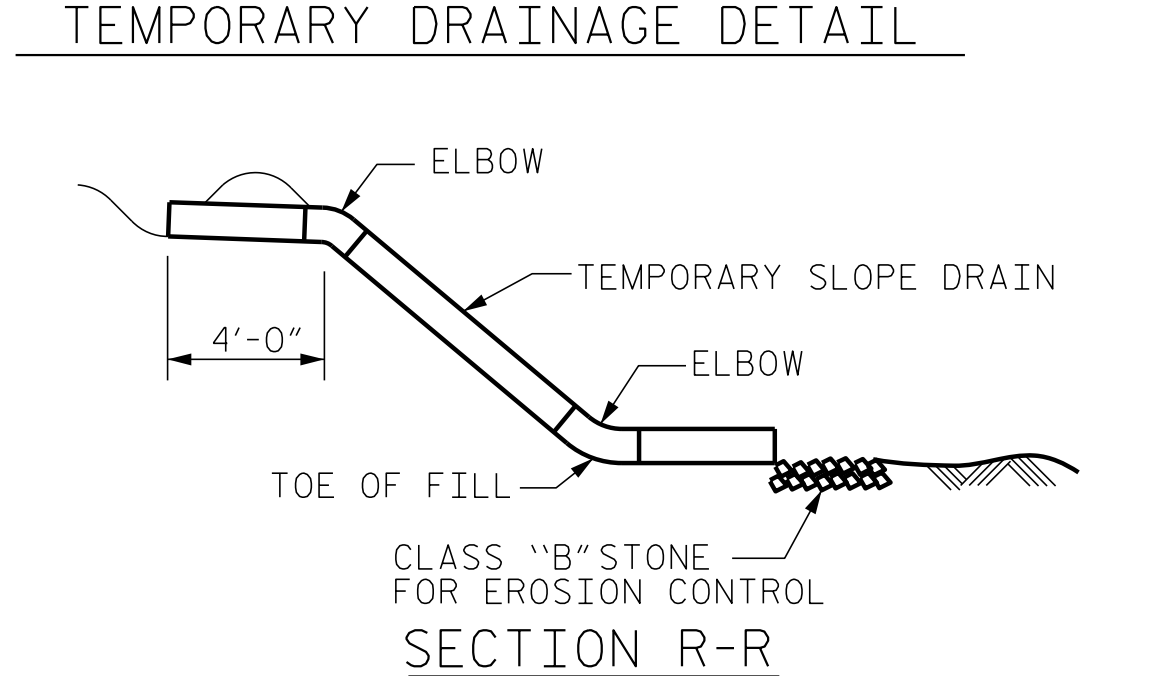


SECTION THRU SLAB

(TYPE A - ALTERNATE APPROACH FILL)



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.



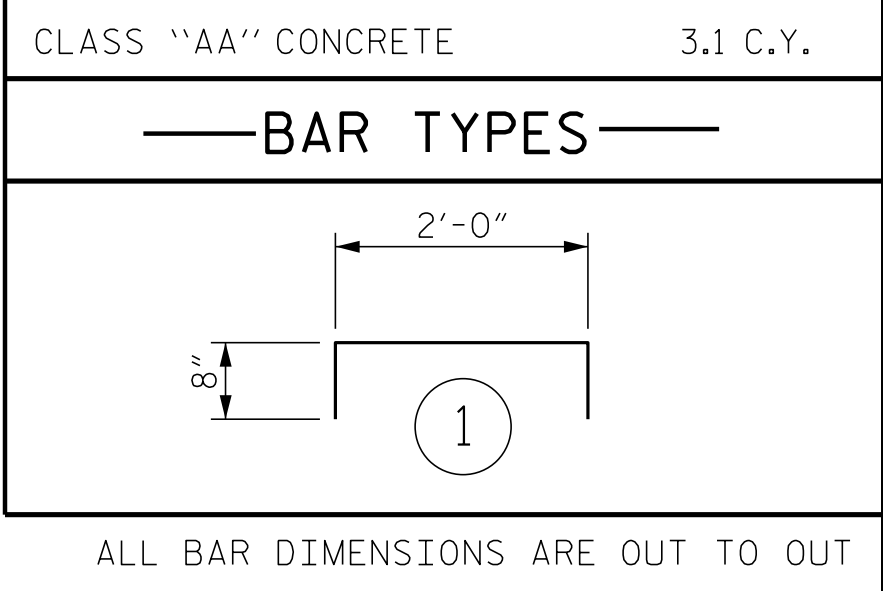
NOTE: IMMEDIATELY AFTER THE CONSTRUCTION OF THE APPROACH SLAB, THE CONTRACTOR SHALL PROVIDE TEMPORARY BERM AND SLOPE DRAIN. CONTRACTOR SHALL GRADE TO PIPE INLET AND PROVIDE EROSION RESISTANT MATERIAL AS SHOWN. THE EROSION RESISTANT MATERIAL SHALL BE EITHER 1) ASPHALT PLANT MIX, TYPE 1 OR TYPE 2, MIN. 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.

PLAN VIEW  
TEMPORARY BERM AND SLOPE DRAIN DETAILS  
(TO BE USED WHEN SHOULDER BERM CUTTER IS REQUIRED)

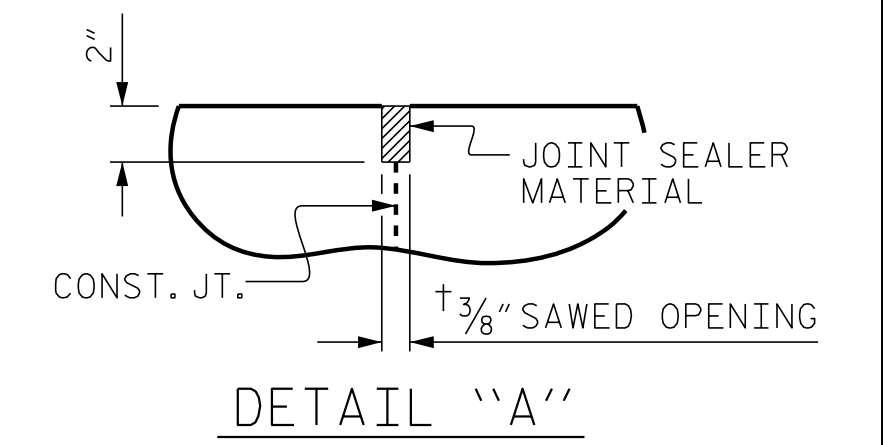
BILL OF MATERIAL FOR ONE APPROACH SLAB (2 REQ'D)													
STAGE I						STAGE II							
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT		
* A1	78	#4	STR	22'-3"	1159	* A3	52	#4	STR	22'-10"	793		
A2	78	#4	STR	22'-0"	1146	A4	52	#4	STR	22'-9"	790		
* B1	117	#5	STR	24'-1"	2939	* B1	85	#5	STR	24'-1"	2135		
B2	117	#6	STR	24'-7"	4320	B2	85	#6	STR	24'-7"	3139		
REINFORCING STEEL					LBS.	5,466	REINFORCING STEEL					LBS.	3,929
* EPOXY COATED REINFORCING STEEL					LBS.	4,098	* EPOXY COATED REINFORCING STEEL					LBS.	2,928
CLASS AA CONCRETE					C. Y.	63.2	CLASS AA CONCRETE					C. Y.	44.2

BILL OF MATERIAL FOR ONE CONCRETE MEDIAN (2 REQUIRED)											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* M1	4	#4	STR	24'-8"	66	* B3	5	#4	STR	24'-7"	82
* T1	16	#4	STR	4'-2"	45	* G1	26	#4	STR	5'-0"	87
* EPOXY COATED REINFORCING STEEL					111 LBS.	* EPOXY COATED REINFORCING STEEL					187 LBS.
CLASS "AA" CONCRETE					2.0 C.Y.	* EPOXY COATED REINFORCING STEEL					187 LBS.
CLASS "AA" CONCRETE					2.0 C.Y.	CLASS "AA" CONCRETE					3.1 C.Y.

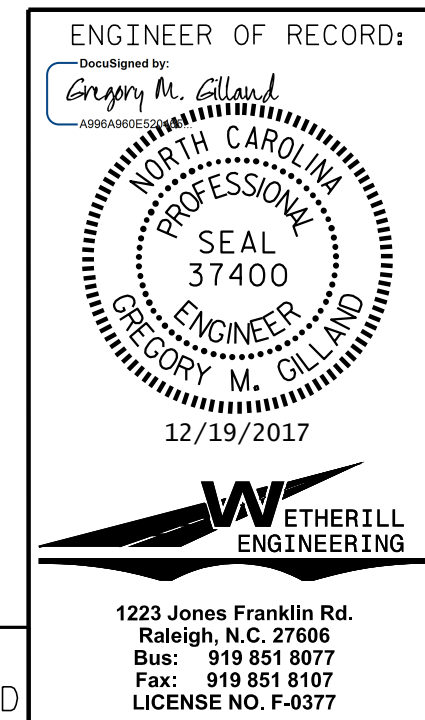
BILL OF MATERIAL FOR SIDEWALK (2 REQUIRED)											
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* U1	8	#4	1	3'-4"	18						
CLASS "AA" CONCRETE					2.0 C.Y.	CLASS "AA" CONCRETE					3.1 C.Y.



ALL BAR DIMENSIONS ARE OUT TO OUT



PROJECT NO. I-5506  
WAKE COUNTY  
STATION: 50+61.09 -L-  
SHEET 3 OF 3



STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH											
BRIDGE APPROACH SLAB FOR INTEGRAL ABUTMENT											
REVISIONS											
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.					
1			3			S01-46					
2			4			TOTAL SHEETS 46					

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DRAWN BY: D. HODGE DATE: 10/16  
 CHECKED BY: B.C. HUNT DATE: 10/16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED