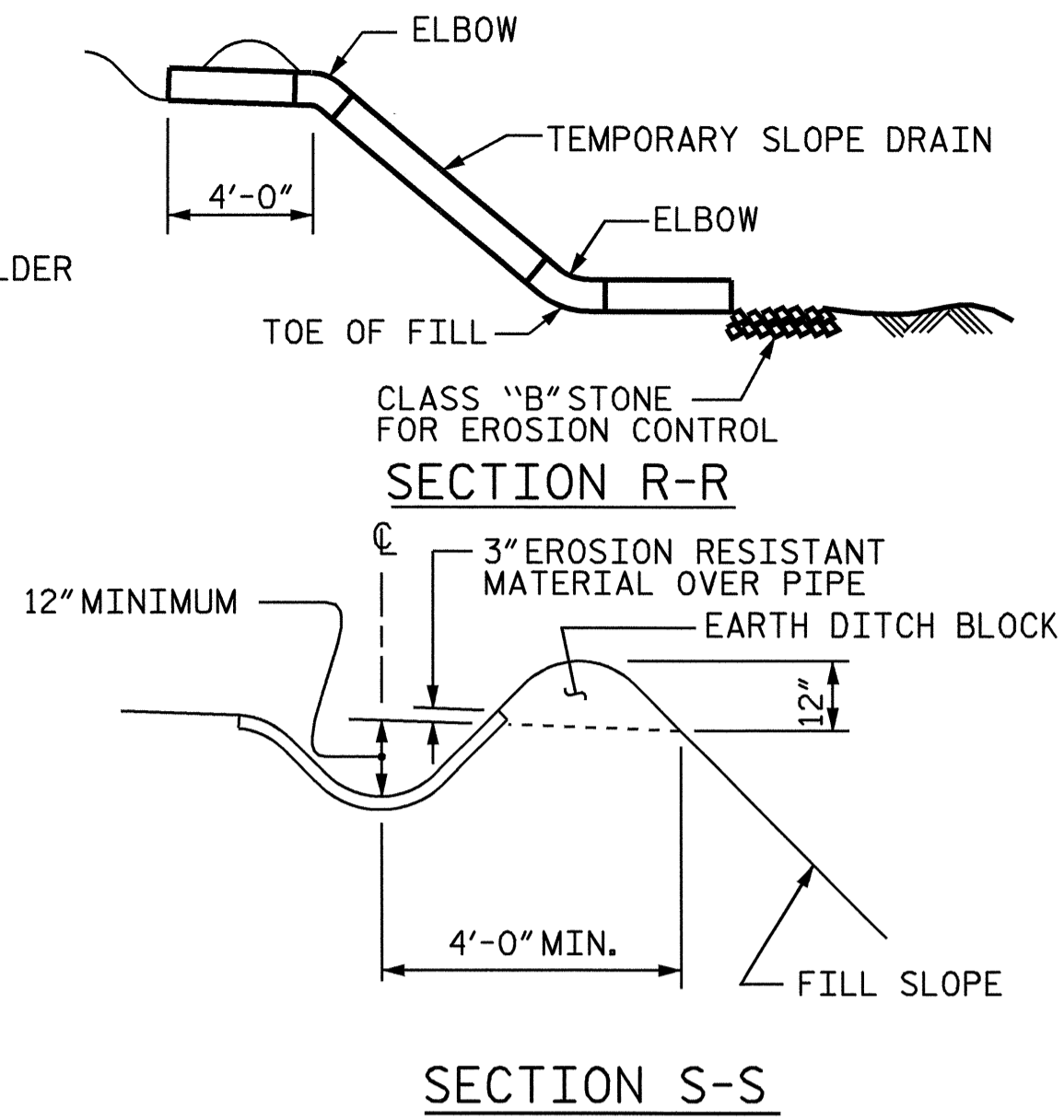


NOTE: IMMEDIATELY AFTER THE CONSTRUCTION OF THE APPROACH SLAB, THE CONTRACTOR SHALL PROVIDE TEMPORARY BERM AND SLOPE DRAIN. CONTRACTOR SHALL GRADE TO PIPE INLET AND PROVIDE EROSION RESISTANT MATERIAL AS SHOWN. THE EROSION RESISTANT MATERIAL SHALL BE EITHER 1) ASPHALT PLANT MIX, TYPE 1 OR TYPE 2, MIN.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

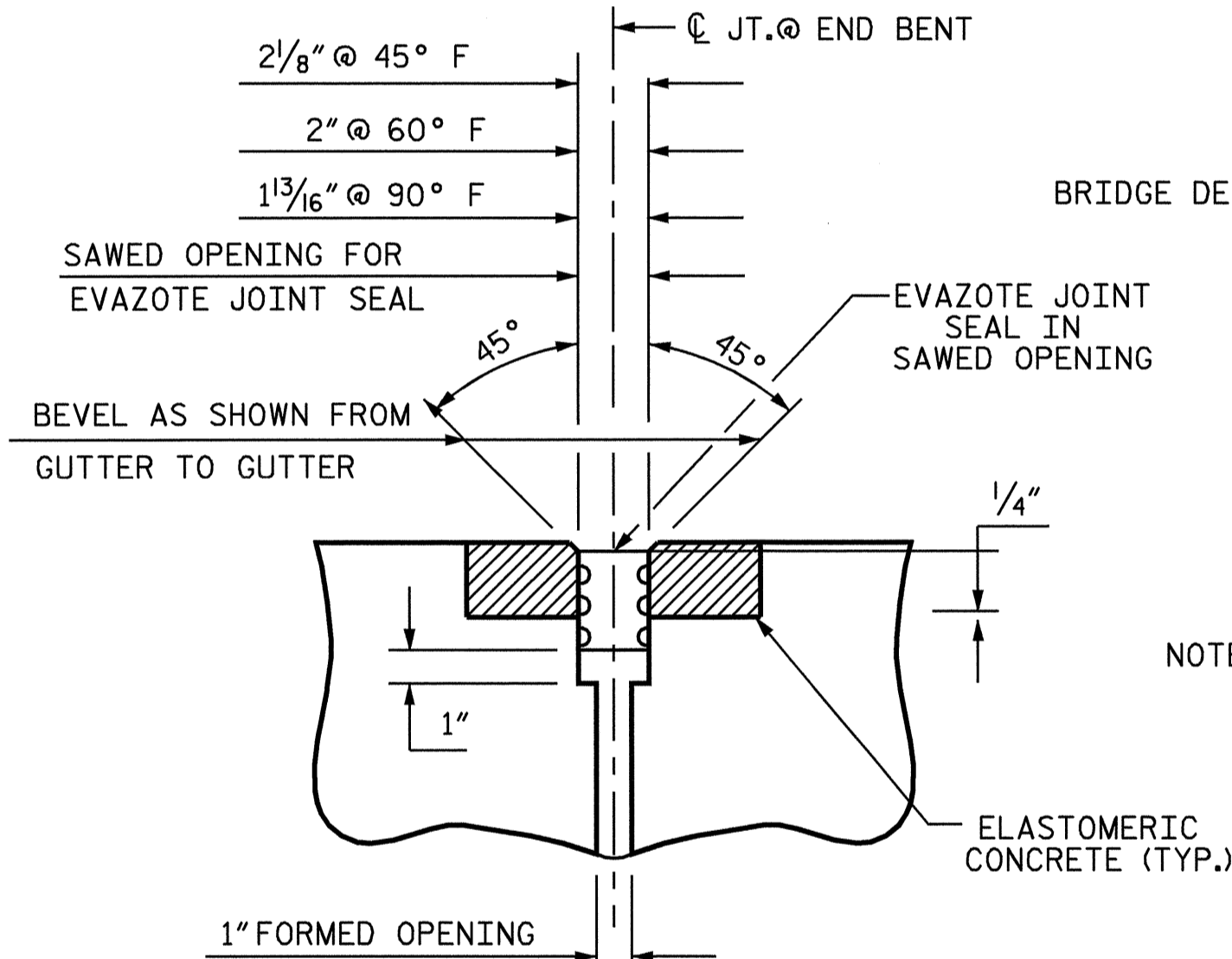
PLAN VIEW



SECTION S-S

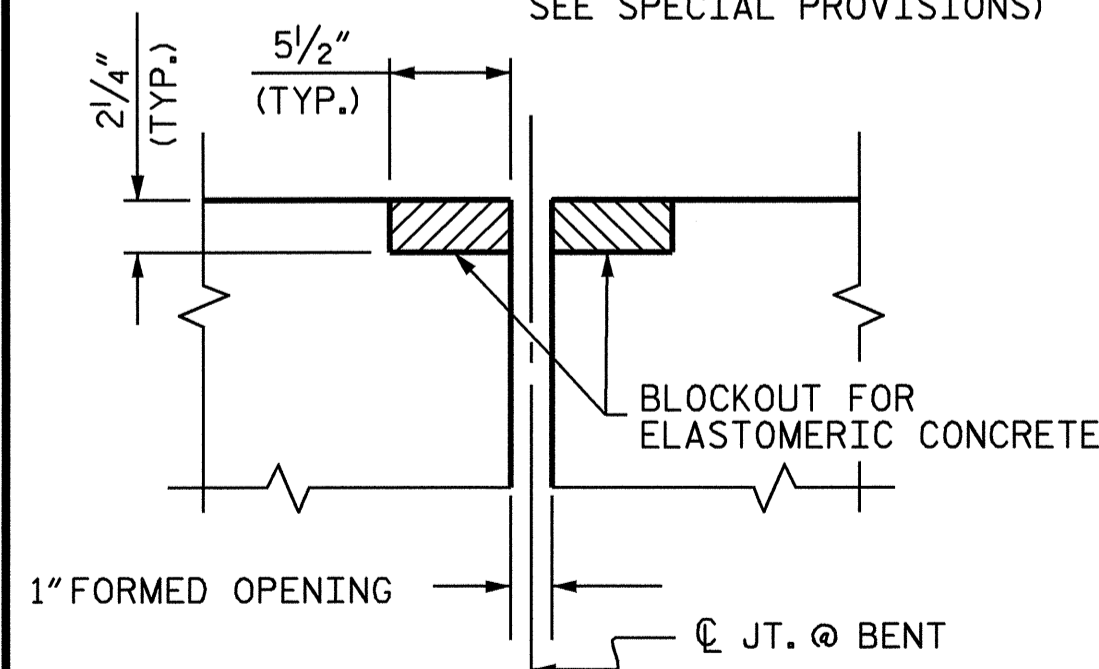
TEMPORARY BERM AND SLOPE DRAIN DETAILS

(TO BE USED WHEN SHOULDER BERM GUTTER IS REQUIRED)



SECTION C-C

EVAZOTE JOINT SEAL (FOR EVAZOTE JOINT SEAL, SEE SPECIAL PROVISIONS)

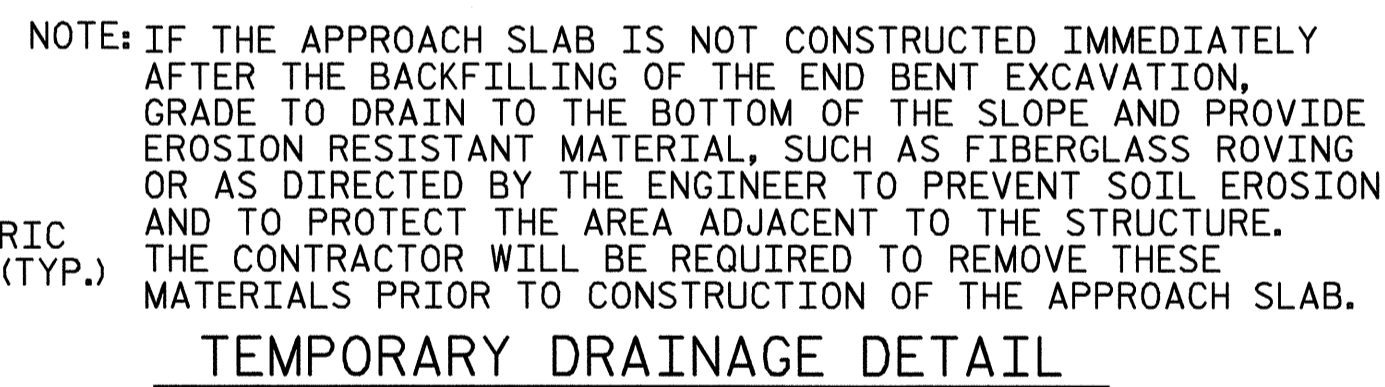


SECTION C-C

EVAZOTE JOINT SEAL (PRE-SAWED ELASTOMERIC CONCRETE DIMENSIONS)

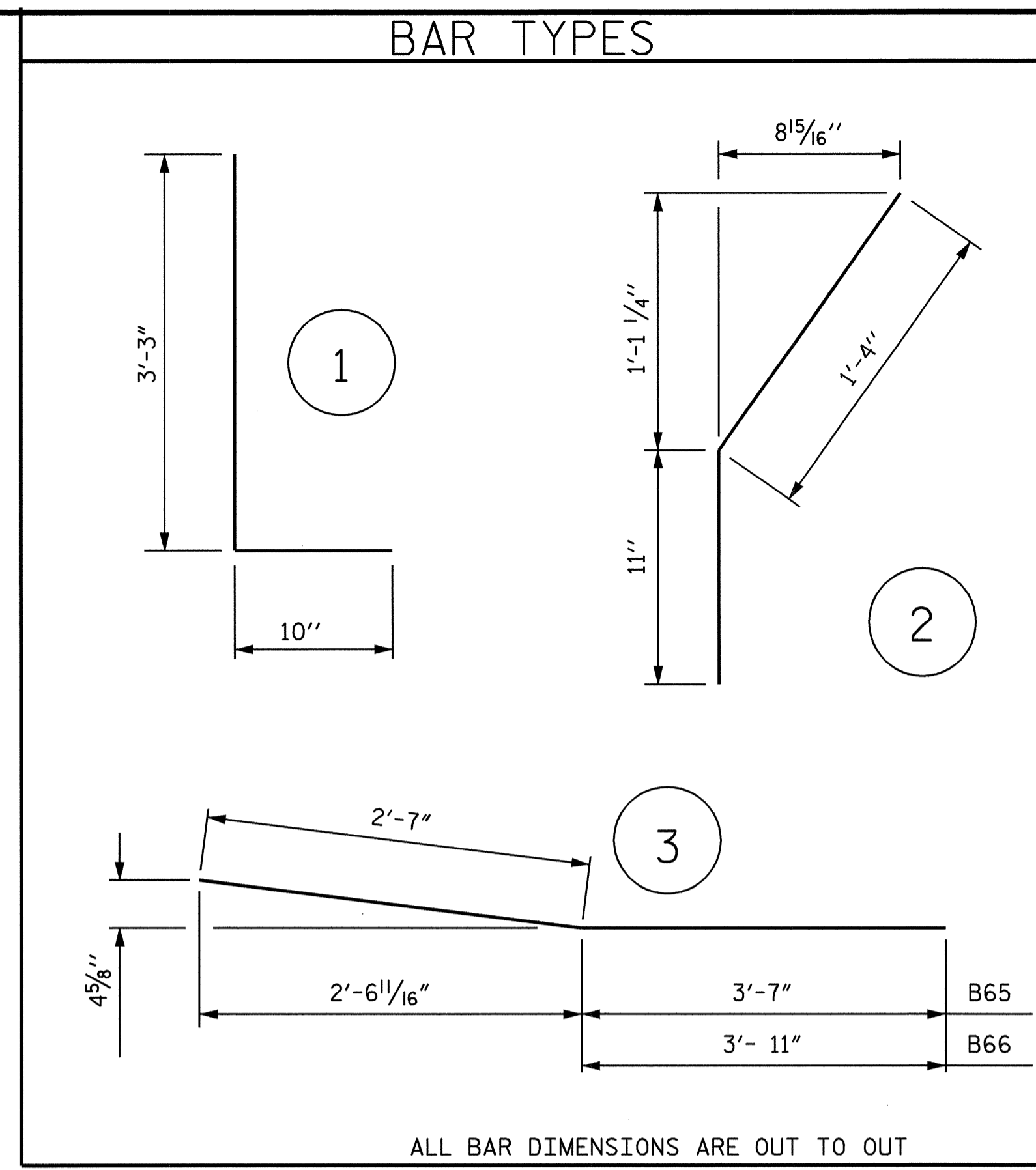
BILL OF MATERIAL	
LOCATION	ELASTOMERIC CONCRETE * (CU. FT.)
END BENT No. 1	5.1
END BENT No. 2	5.1

\* BASED ON THE MINIMUM BLOCKOUT SHOWN

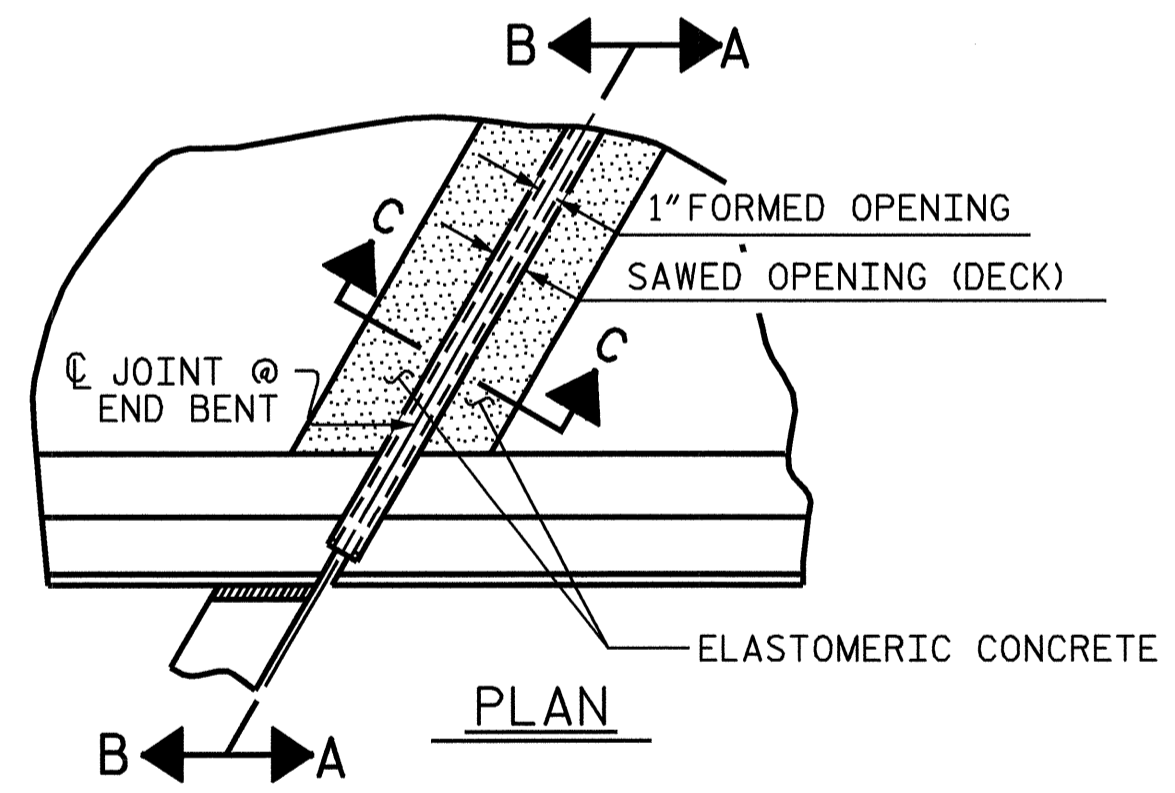


TEMPORARY DRAINAGE DETAIL

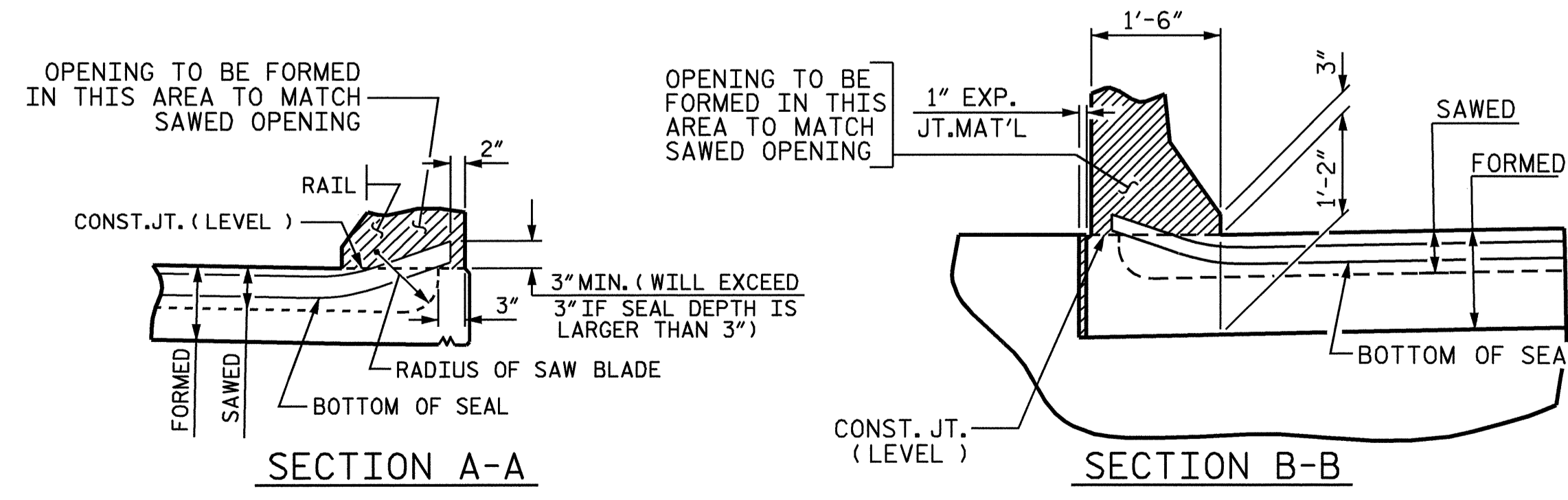
NOTE: IF THE APPROACH SLAB IS NOT CONSTRUCTED IMMEDIATELY AFTER THE BACKFILLING OF THE END BENT EXCAVATION, GRADE TO DRAIN TO THE BOTTOM OF THE SLOPE AND PROVIDE EROSION RESISTANT MATERIAL, SUCH AS FIBERGLASS ROVING OR AS DIRECTED BY THE ENGINEER TO PREVENT SOIL EROSION AND TO PROTECT THE AREA ADJACENT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



ALL BAR DIMENSIONS ARE OUT TO OUT



PLAN



SECTION A-A

SECTION B-B

JOINT SEAL DETAILS @ END BENT

(FOR BARRIER RAIL)

BILL OF MATERIAL FOR ONE APPROACH SLAB (2 REQ'D.)

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
* A1	49	#5	STR	30'-6"	1559	* B25	2	#6	STR	32'-6"	98
A2	98	#4	STR	16'-1"	1053	* B26	2	#6	STR	32'-10"	99
						* B27	2	#6	STR	33'-2"	100
						* B28	2	#6	STR	33'-6"	101
* A101	2	#5	STR	28'-0"	58	* B29	2	#6	STR	33'-10"	102
* A102	2	#5	STR	24'-11"	52	* B30	2	#6	STR	34'-2"	103
* A103	2	#5	STR	21'-10"	46	* B31	2	#6	STR	34'-6"	104
* A104	2	#5	STR	18'-9"	39						
* A105	2	#5	STR	15'-8"	33	B32	2	#8	STR	24'-9"	132
* A106	2	#5	STR	12'-7"	26	B33	2	#8	STR	25'-1"	134
* A107	2	#5	STR	9'-6"	20	B34	2	#8	STR	25'-5"	136
* A108	2	#5	STR	6'-5"	13	B35	2	#8	STR	25'-9"	138
* A109	2	#5	STR	3'-4"	7	B36	2	#8	STR	26'-0"	139
						B37	2	#8	STR	26'-4"	141
A201	2	#4	STR	28'-0"	37	B38	2	#8	STR	26'-8"	142
A202	2	#4	STR	24'-11"	33	B39	2	#8	STR	27'-0"	144
A203	2	#4	STR	21'-10"	29	B40	2	#8	STR	27'-4"	146
A204	2	#4	STR	18'-9"	25	B41	2	#8	STR	27'-8"	148
A205	2	#4	STR	15'-8"	21	B42	2	#8	STR	28'-0"	150
A206	2	#4	STR	12'-7"	17	B43	2	#8	STR	28'-4"	151
A207	2	#4	STR	9'-6"	13	B44	2	#8	STR	28'-8"	153
A208	2	#4	STR	6'-5"	9	B45	2	#8	STR	29'-0"	155
A209	2	#4	STR	3'-4"	4	B46	2	#8	STR	29'-3"	156
						B47	2	#8	STR	29'-7"	158
* B1	2	#6	STR	24'-9"	74	B48	2	#8	STR	29'-11"	160
* B2	2	#6	STR	25'-1"	75	B49	2	#8	STR	30'-3"	162
* B3	2	#6	STR	25'-5"	76	B50	2	#8	STR	30'-7"	163
* B4	2	#6	STR	25'-9"	77	B51	2	#8	STR	30'-11"	165
* B5	2	#6	STR	26'-0"	78	B52	2	#8	STR	31'-3"	167
* B6	2	#6	STR	26'-4"	79	B53	2	#8	STR	31'-7"	169
* B7	2	#6	STR	26'-8"	80	B54	2	#8	STR	31'-11"	170
* B8	2	#6	STR	27'-0"	81	B55	2	#8	STR	32'-3"	172
* B9	2	#6	STR	27'-4"	82	B56	2	#8	STR	32'-6"	174
* B10	2	#6	STR	27'-8"	83	B57	2	#8	STR	32'-10"	175
* B11	2	#6	STR	28'-0"	84	B58	2	#8	STR	33'-2"	177
* B12	2	#6	STR	28'-4"	85	B59	2	#8	STR	33'-6"	179
* B13	2	#6	STR	28'-8"	86	B60	2	#8	STR	33'-10"	181
* B14	2	#6	STR	29'-0"	87	B61	2	#8	STR	34'-2"	182
* B15	2	#6	STR	29'-3"	88	B62	2	#8	STR	34'-6"	184
* B16	2	#6	STR	29'-7"	89	* B63	7	#5	STR	11'-8"	85
* B17	2	#6	STR	29'-11"	90	* B64	7	#5	STR	11'-2"	82
* B18	2	#6	STR	30'-3"	91	* B65	1	#5	3	6'-2"	6
* B19	2	#6	STR	30'-7"	92	* B66	1	#5	3	6'-6"	7
* B20	2	#6	STR	30'-11"	93						
* B21	2	#6	STR	31'-3"	94	* S1	56	#5	STR	3'-3"	190
* B22	2	#6	STR	31'-7"	95	* S2	40	#5	1	4'-1"	170
* B23	2	#6	STR	31'-11"	96	* S3	20	#5	2	2'-3"	47
* B24	2	#6	STR	32'-3"	97						

REINFORCING STEEL = 6144 LBS  
\* EPOXY COATED REINF. STEEL = 5199 LBS

CLASS AA CONCRETE BREAKDOWN:	
	C. Y.
POUR 1 SLAB AND CURB	34.8
POUR 2 RAIL	2.1
CLASS AA CONCRETE	36.9

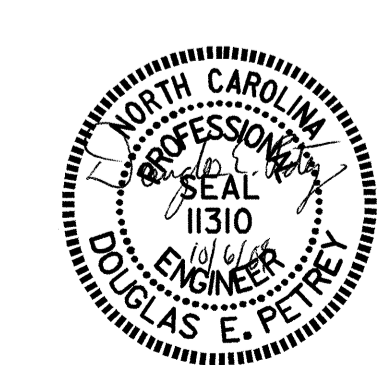
PROJECT NO. B-3403  
ALLEGHANY COUNTY  
STATION: 15+17.50 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

STANDARD  
BRIDGE APPROACH  
SLAB DETAILS

REVISIONS		SHEET NO.	
NO.	BY:	DATE:	SHEET NO.
1		3	S-31
2		4	TOTAL SHEETS 34



ASSEMBLED BY: R. G. EMERSON DATE: 04/04  
CHECKED BY: B. N. GRADY DATE: 05/04  
DRAWN BY: FCJ 11/88  
CHECKED BY: ARB 11/88

REV. 8/16/99 MAB/LES  
REV. 10/11/00 RWW/LES  
REV. 5/7/03 RWW/JTE