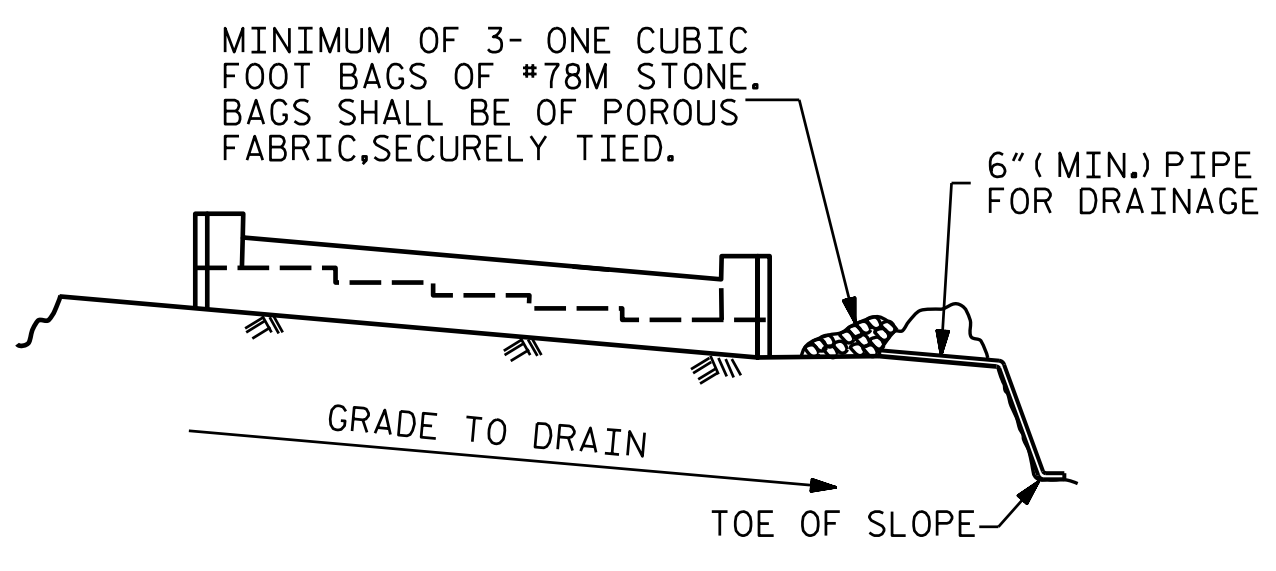


**PILE SPLICE DETAILS**



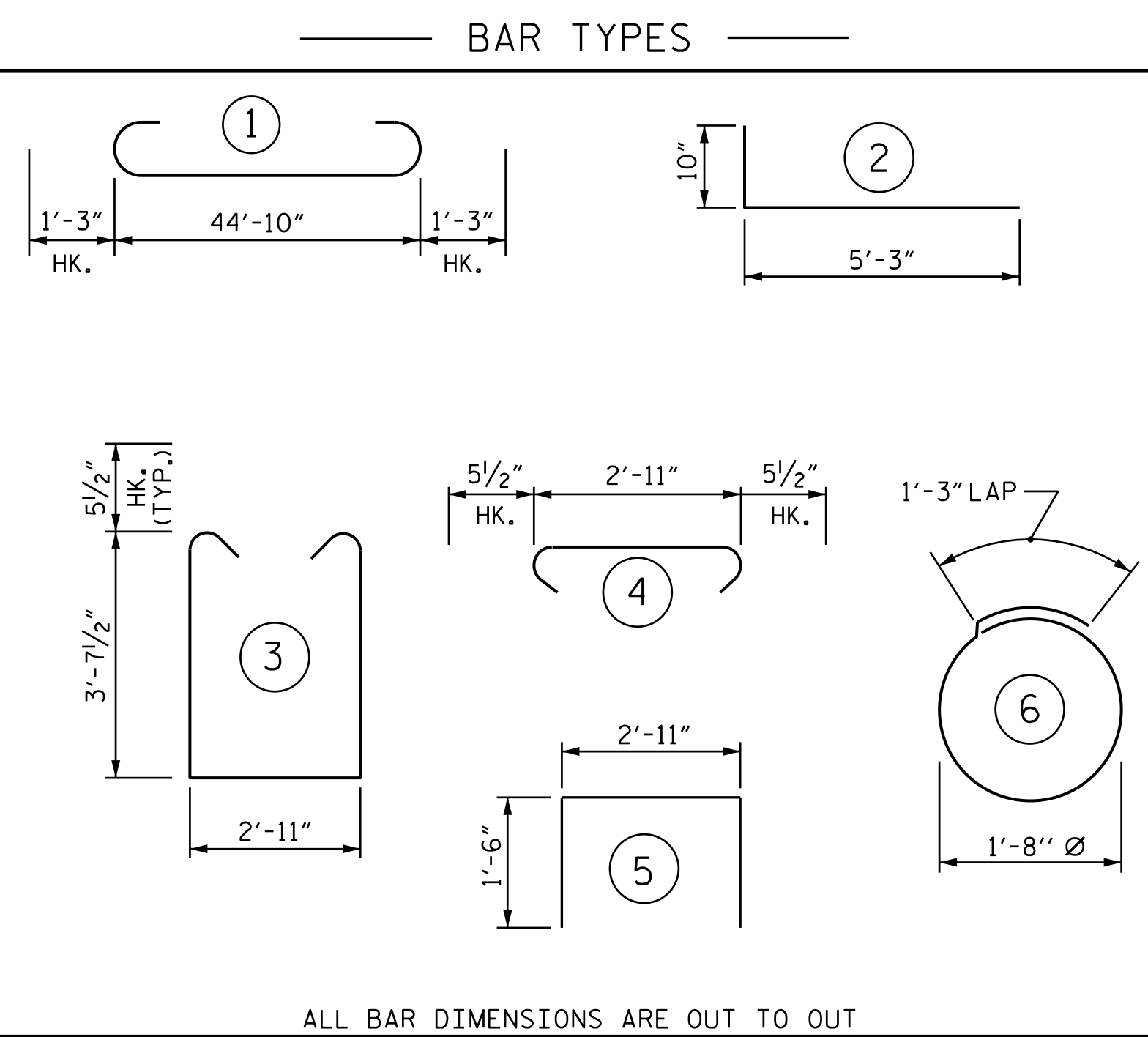
MINIMUM OF 3- ONE CUBIC FOOT BAGS OF #78M STONE. BAGS SHALL BE OF POROUS FABRIC, SECURELY TIED.

BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

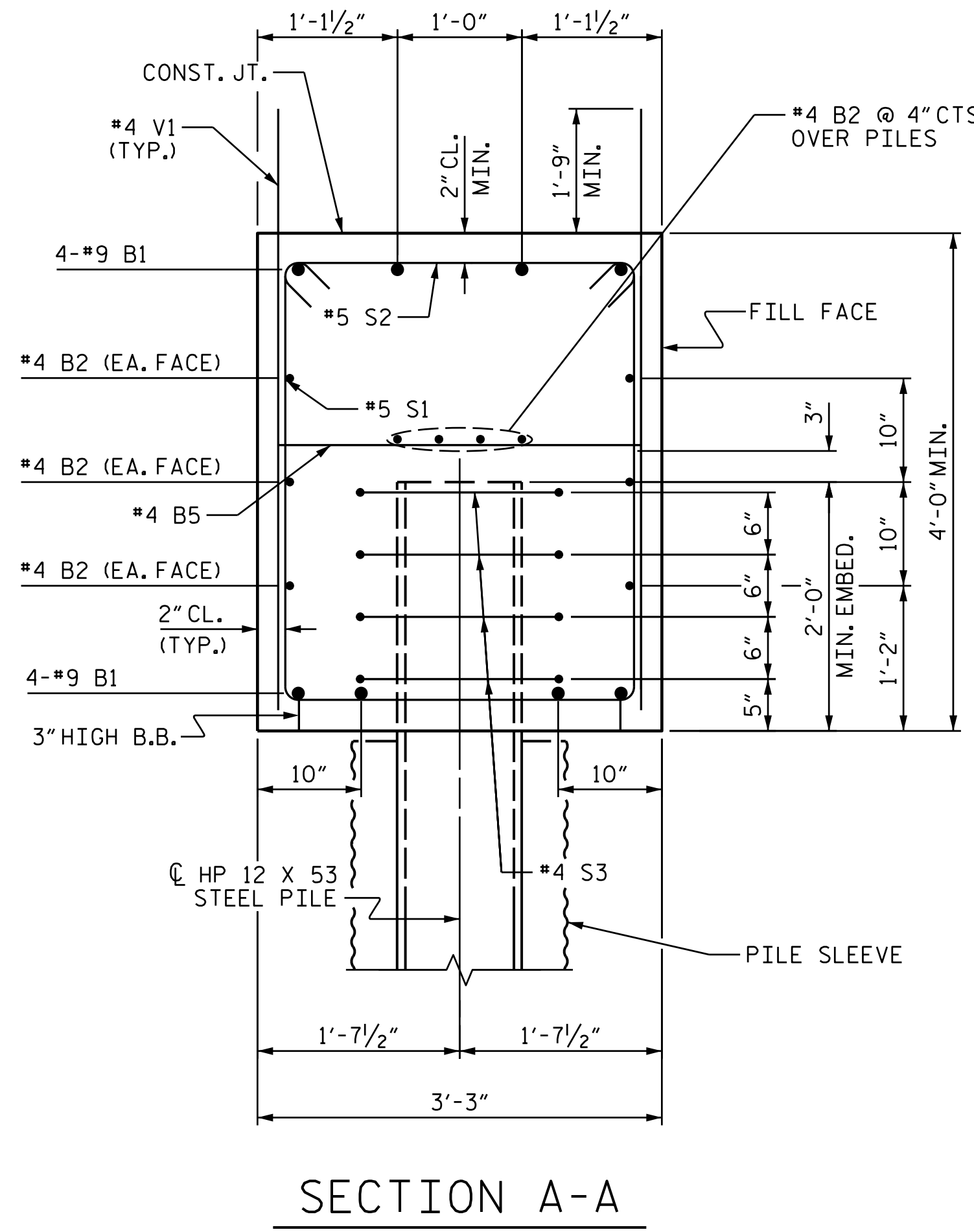
**TEMPORARY DRAINAGE AT END BENT**



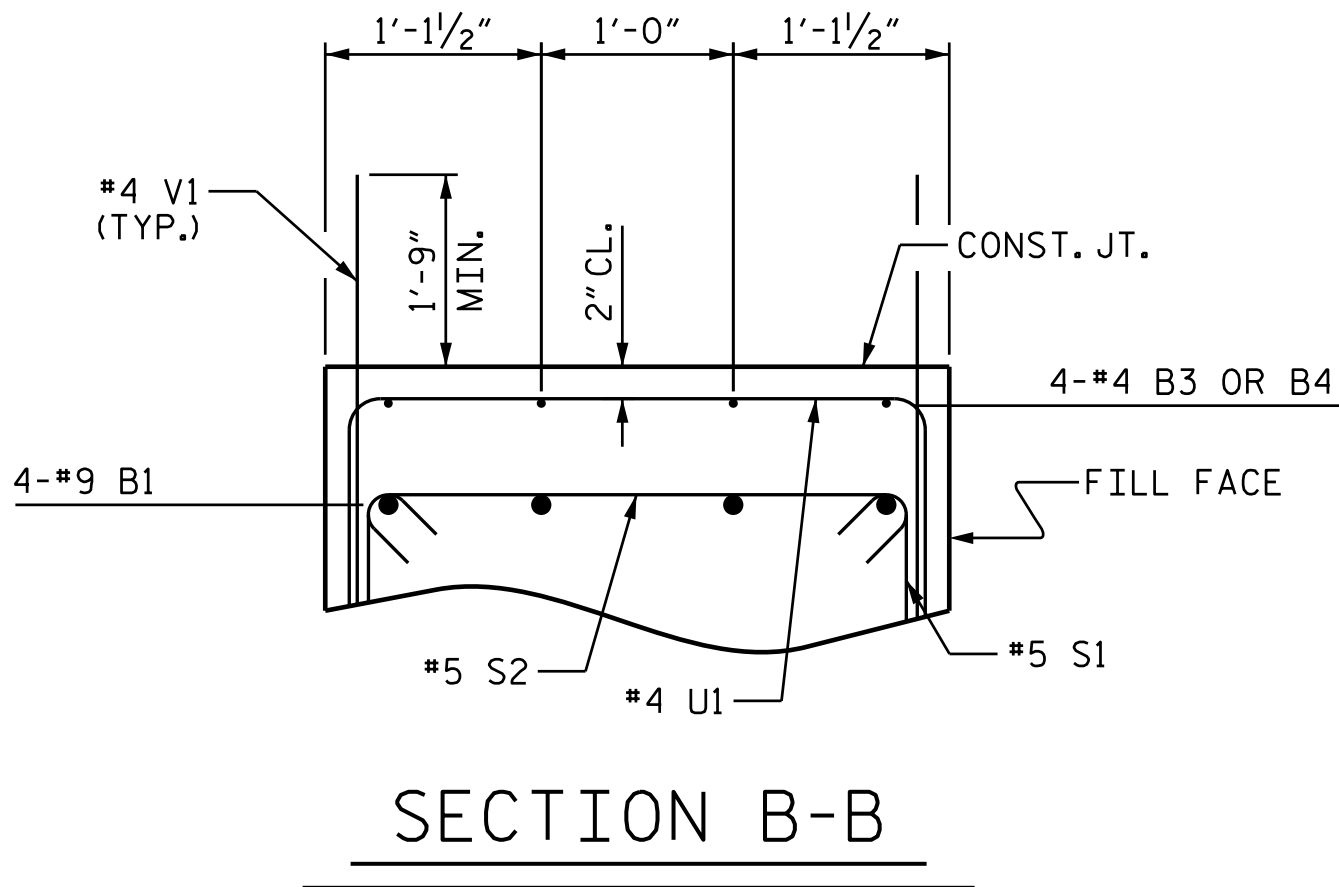
ALL BAR DIMENSIONS ARE OUT TO OUT

**BILL OF MATERIAL**

FOR ONE END BENT					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#9	1	47'-4"	1287
B2	20	#4	STR	23'-9"	317
B3	4	#4	STR	13'-1"	35
B4	4	#4	STR	8'-0"	21
B5	13	#4	STR	2'-11"	25
H1	50	#5	2	6'-1"	317
K1	28	#5	STR	2'-8"	78
S1	70	#5	3	11'-1"	809
S2	70	#5	4	3'-10"	280
S3	28	#4	6	6'-6"	122
U1	13	#4	5	5'-11"	51
V1	74	#4	STR	6'-2"	305
V2	18	#4	STR	10'-2"	122
V3	18	#4	STR	9'-5"	113
REINFORCING STEEL				=	3882 LBS
CLASS A CONCRETE:					
POUR #1: CAP, LOWER PART OF WINGS				24.1 C.Y.	
POUR #2: UPPER PART OF WINGS				3.4 C.Y.	
TOTAL CLASS A CONCRETE				27.5 C.Y.	



**SECTION A-A**

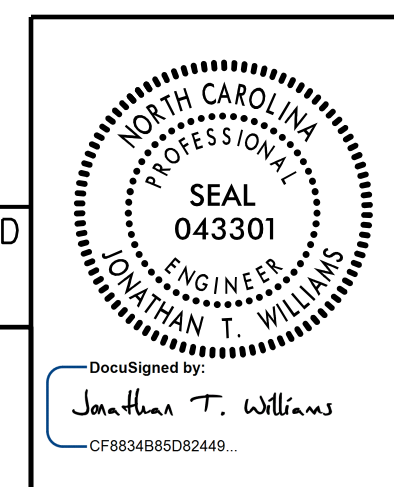


**SECTION B-B**

PROJECT NO. I-5987B  
ROBESON COUNTY  
 STATION: 24+76.86 -Y4-

SHEET 3 OF 3

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH  
 SUBSTRUCTURE  
 END BENT 2 DETAILS



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:  
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 (919) 552-2253  
 www.mottmac.com  
 LICENSE NO. F-0669

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S4-26  
 TOTAL SHEETS 29

157077  
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 3/18/2022 10:52:54 AM

DRAWN BY: R. L. DICKE DATE: 8-2021  
 CHECKED BY: J. M. ROBINSON DATE: 8-2021  
 DESIGN ENGINEER OF RECORD: J. T. WILLIAMS DATE: 8-2021