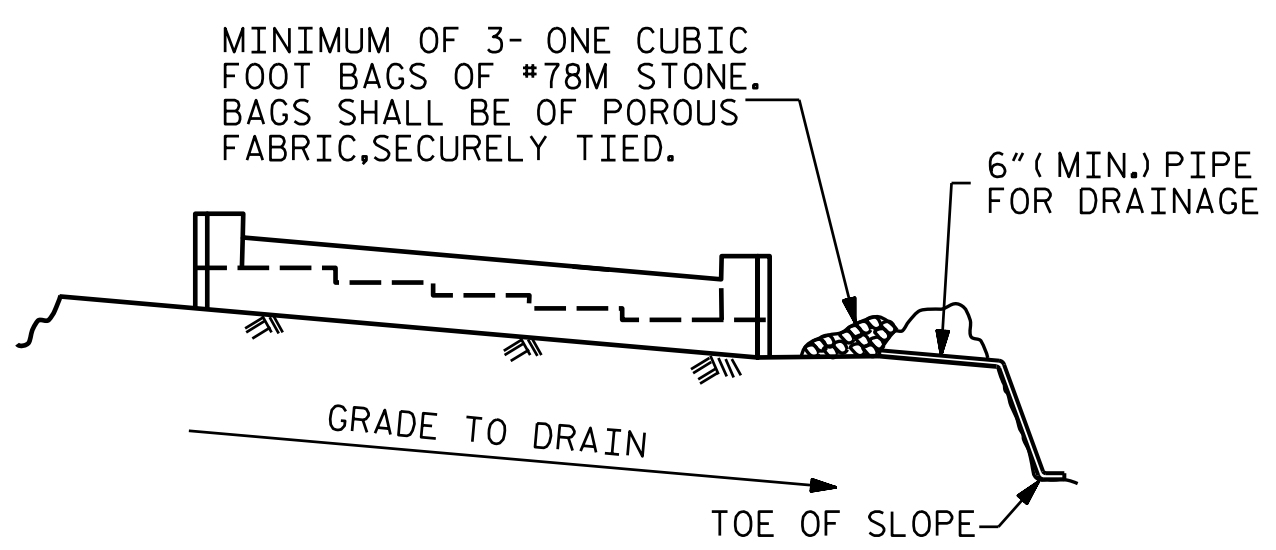


PILE SPLICE DETAILS

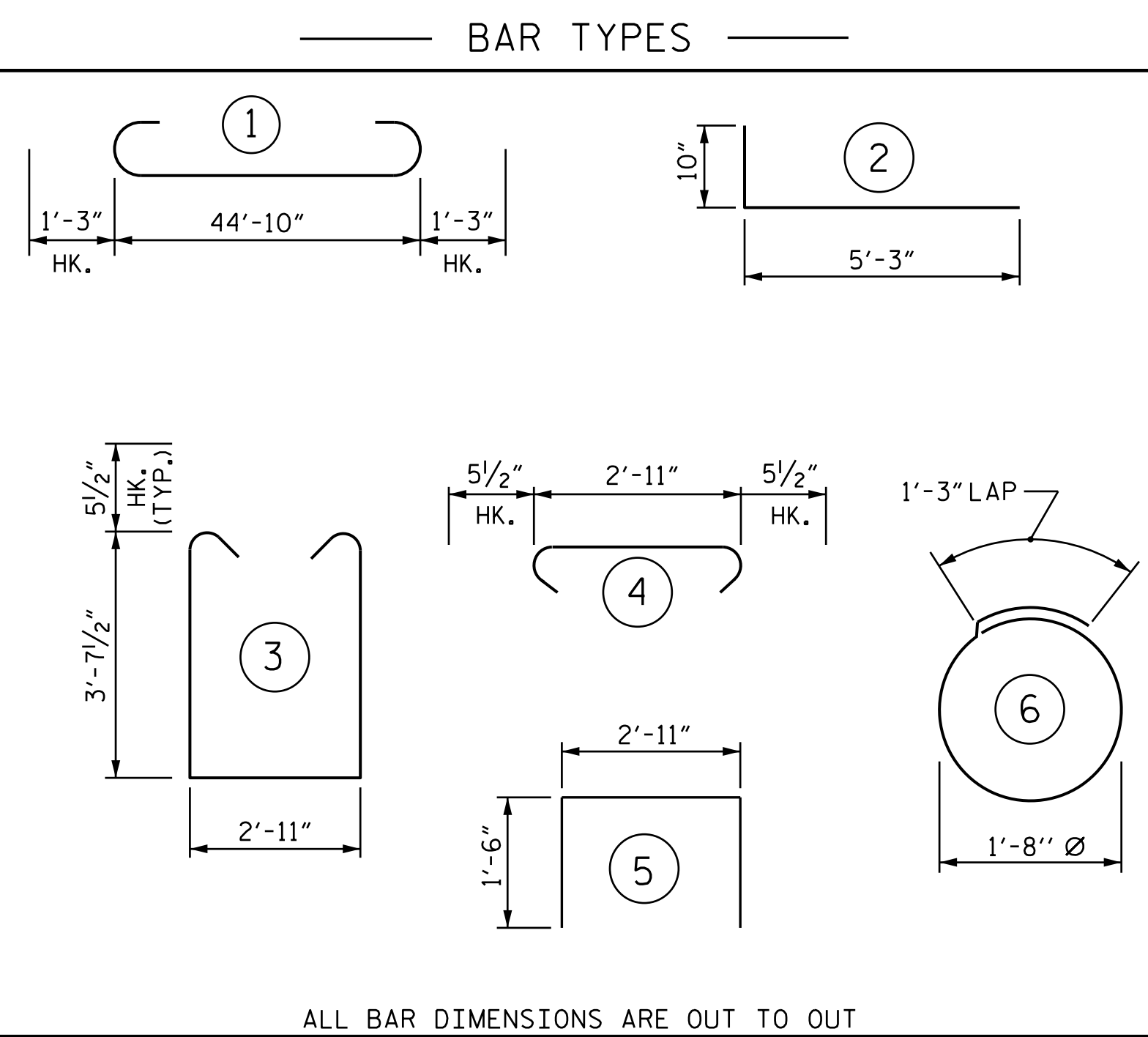


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

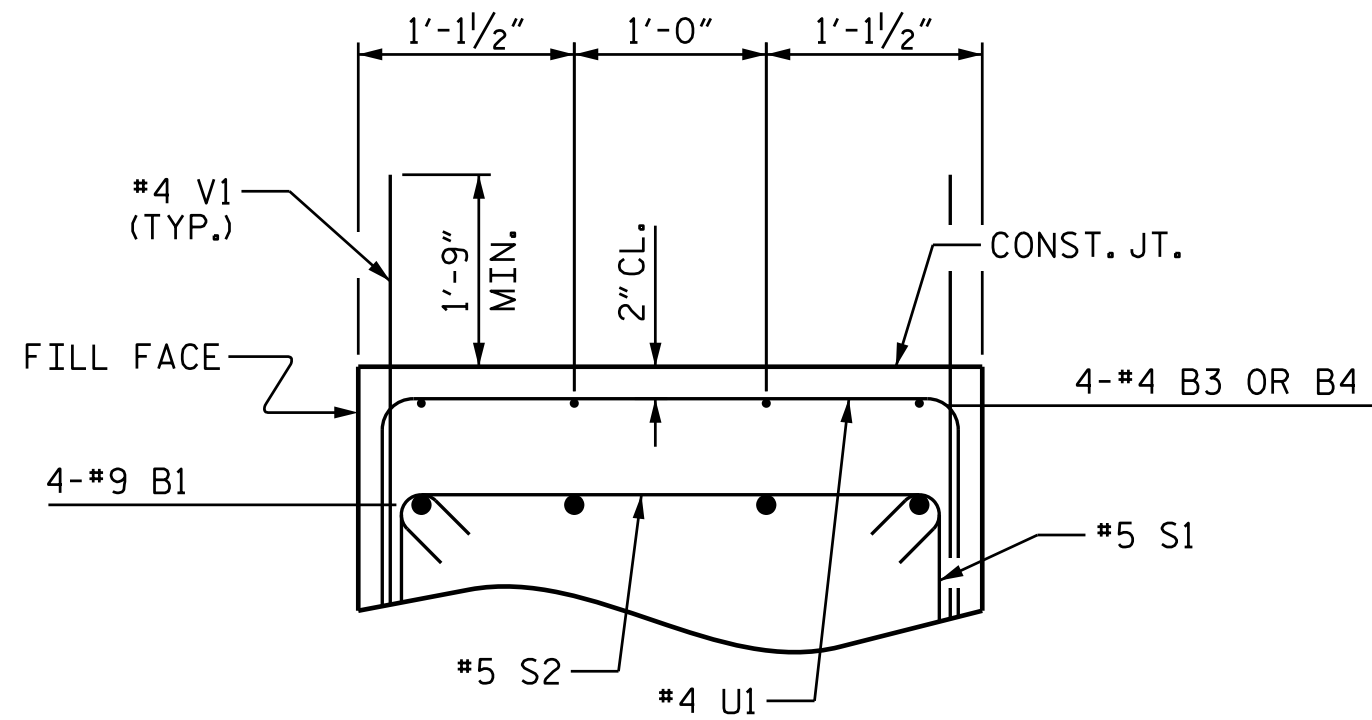
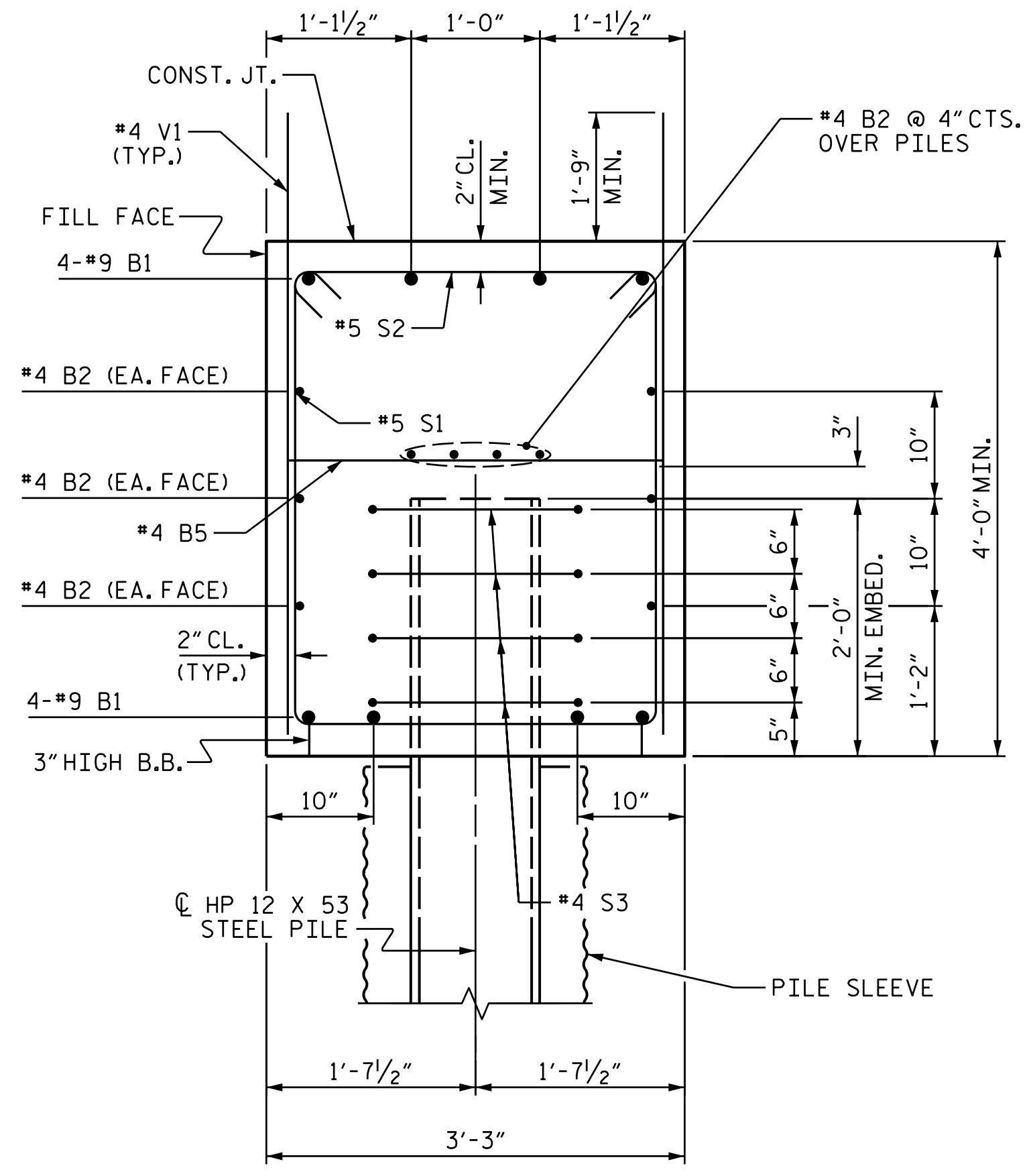
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR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



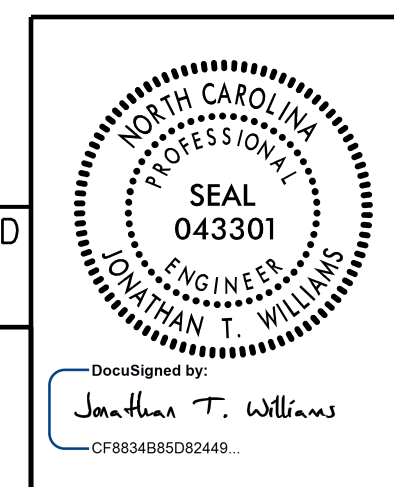
BILL OF MATERIAL					
FOR ONE END BENT					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#9	1	47'-4"	1287
B2	20	#4	STR	23'-9"	317
B3	4	#4	STR	13'-1"	35
B4	4	#4	STR	8'-0"	21
B5	13	#4	STR	2'-11"	25
H1	50	#5	2	6'-1"	317
K1	28	#5	STR	2'-8"	78
S1	70	#5	3	11'-1"	809
S2	70	#5	4	3'-10"	280
S3	28	#4	6	6'-6"	122
U1	13	#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.



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 1 DETAILS



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLANS PREPARED BY:
MOTT MACDONALD
PO Box 700
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(919) 552-2253
www.mottmac.com
LICENSE NO. F-0669

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S4-21
1			3			TOTAL SHEETS
2			4			29

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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