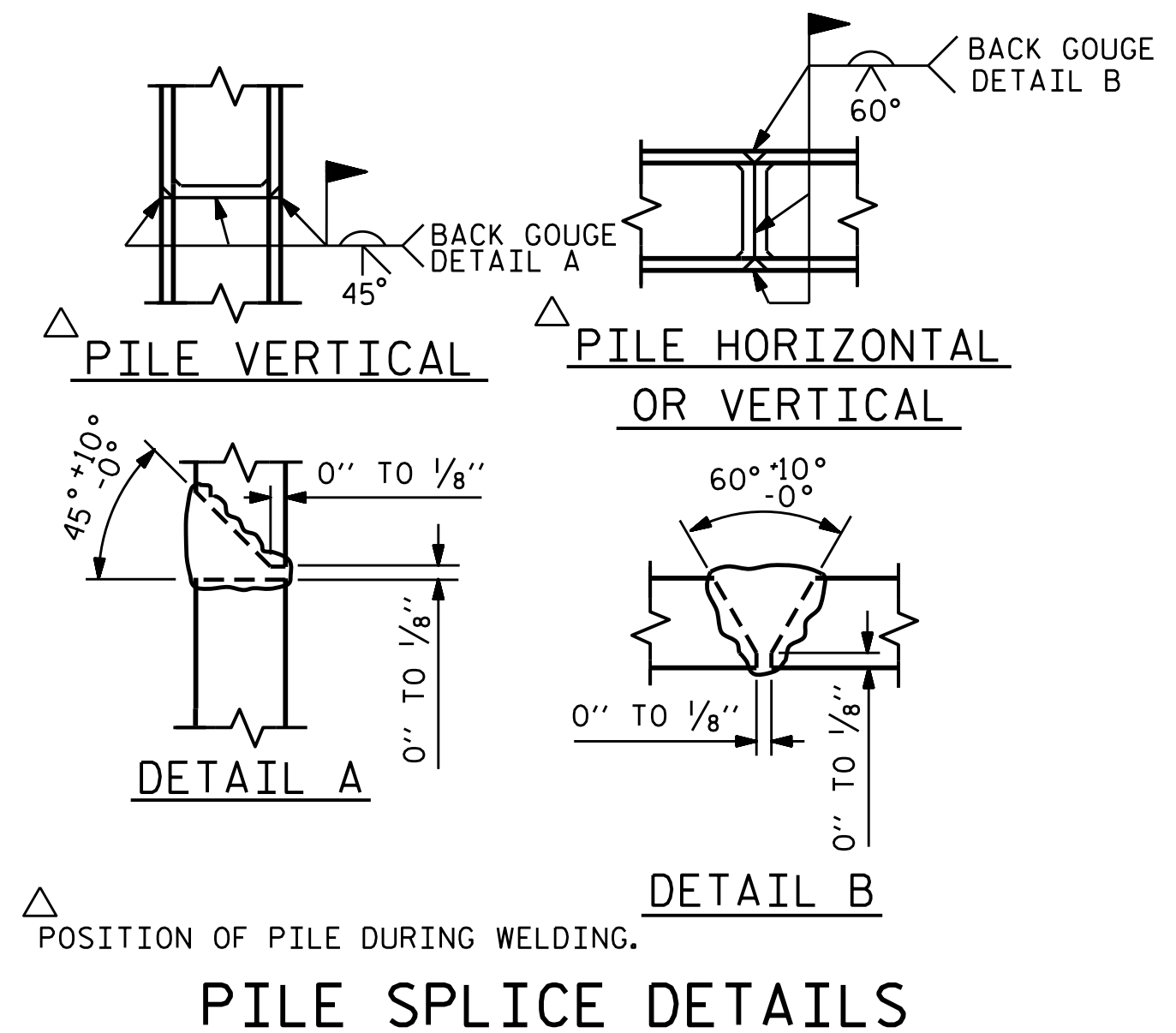
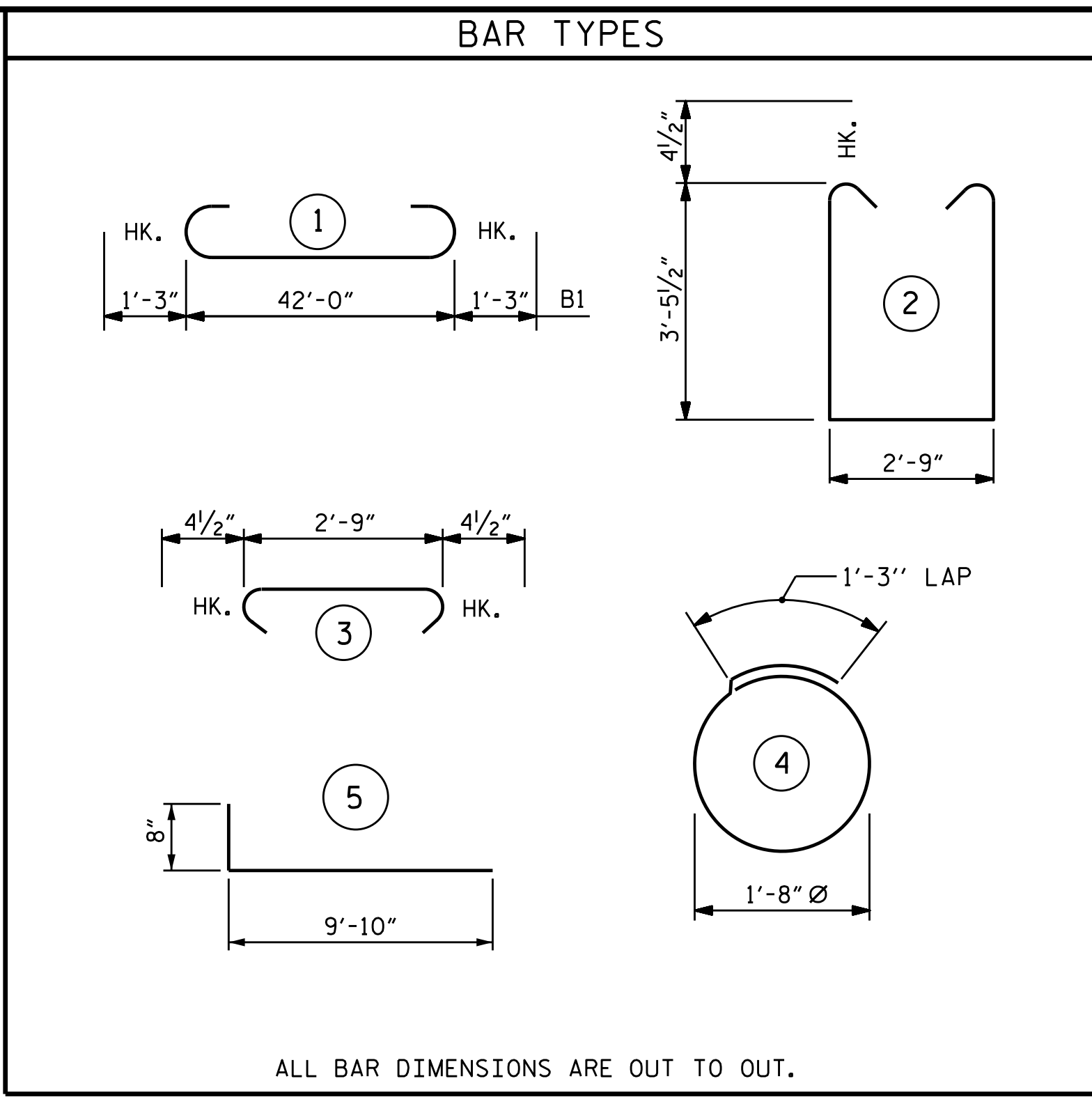


SECTION A-A

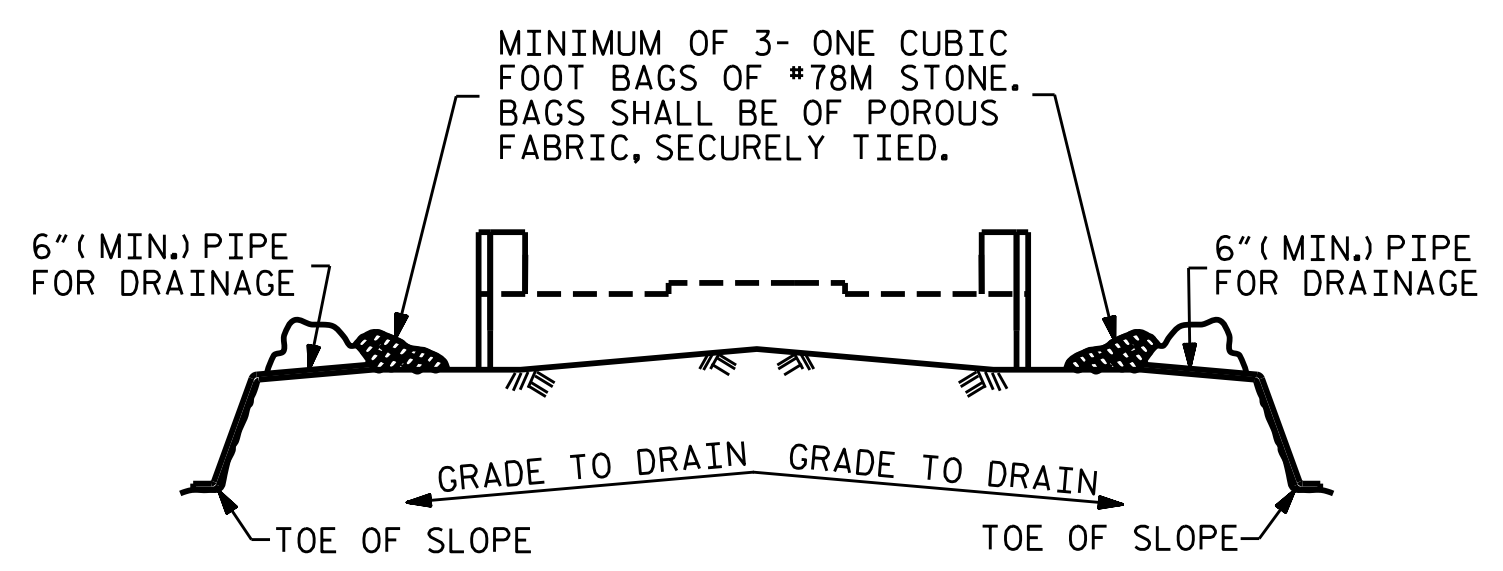


PILE SPLICE DETAILS



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL					
BAR NO.	NO.	SIZE	TYPE	LENGTH	WEIGHT
* B1	9	#9	1	44'-6"	1362
* B2	4	#9	STR	9'-6"	129
* B3	6	#5	STR	42'-2"	264
* B4	11	#4	STR	2'-9"	20
* B5	8	#4	STR	22'-6"	120
* H1	48	#5	5	10'-6"	526
* S1	46	#4	2	10'-5"	320
* S2	46	#4	3	3'-6"	108
* S3	20	#4	5	6'-6"	87
* V1	70	#4	STR	6'-0"	281
* V2	60	#4	STR	7'-6"	301
* EPOXY COATED REINFORCING STEEL					= 3518 LBS
CLASS AA CONCRETE					
POUR #1 (CAP, COLLARS, & LOWER PART OF WINGS)					= 24.4 C.Y.
POUR #2 (UPPER PART OF WINGS)					= 0.9 C.Y.
TOTAL					= 25.3 C.Y.
HP 12 X 53 GALVANIZED STEEL PILES					
No. 5					LIN FT. 325
PILE REDRIVES					EA. 3
STEEL PILE POINTS					NO. 5
PILE DRIVING EQUIPMENT SETUP					NO. 5 FOR HP 12 X 53 GALVANIZED STEEL PILES

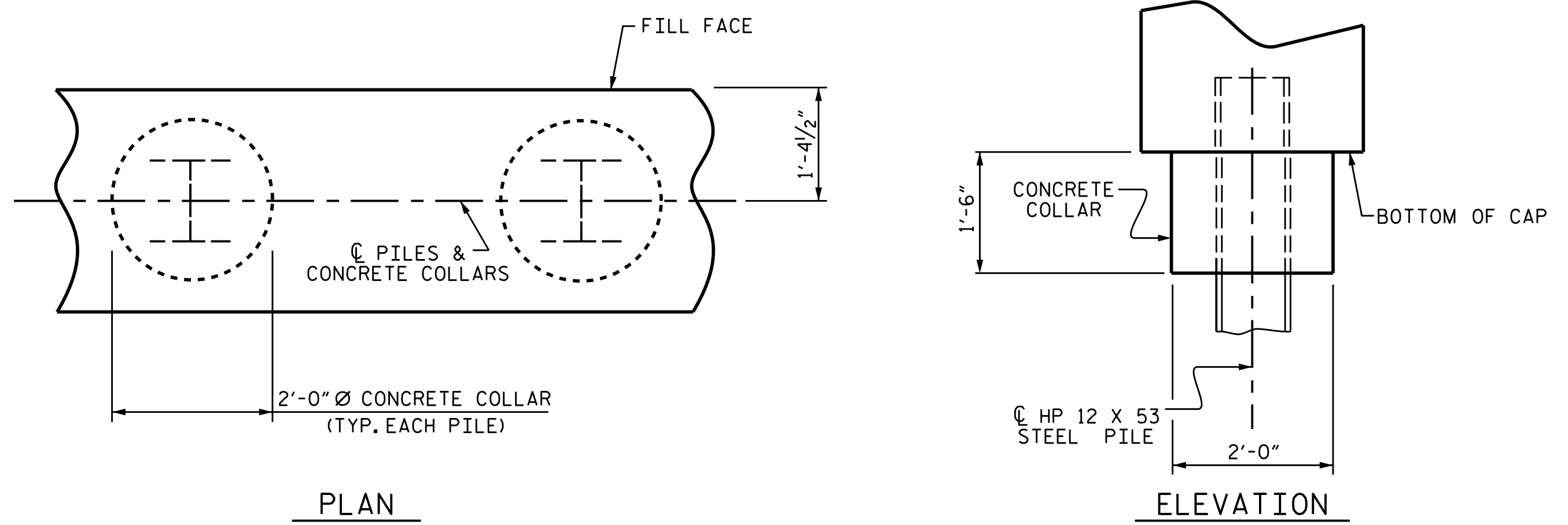


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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.

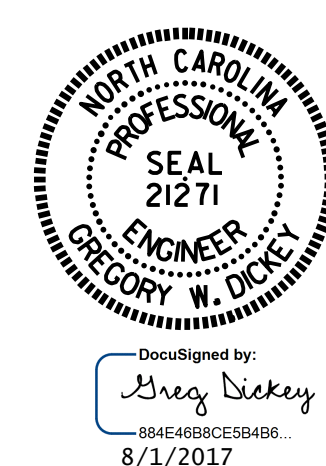
TEMPORARY DRAINAGE AT END BENT



CORROSION PROTECTION FOR STEEL PILES DETAIL

PROJECT NO. B-5236
NEW HANOVER COUNTY
 STATION: 15+64.40 -L-

SHEET 3 OF 3



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 INTEGRAL
 END BENT 2

DRAWN BY :	B.N.BARODAWALA	DATE :	3-20-17
CHECKED BY :	M. K. BEARD	DATE :	3-23-17
DESIGN ENGINEER OF RECORD :	A. K. PATEL	DATE :	3-23-17

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	DATE:	S-33
1			3		TOTAL SHEETS
2			4		35