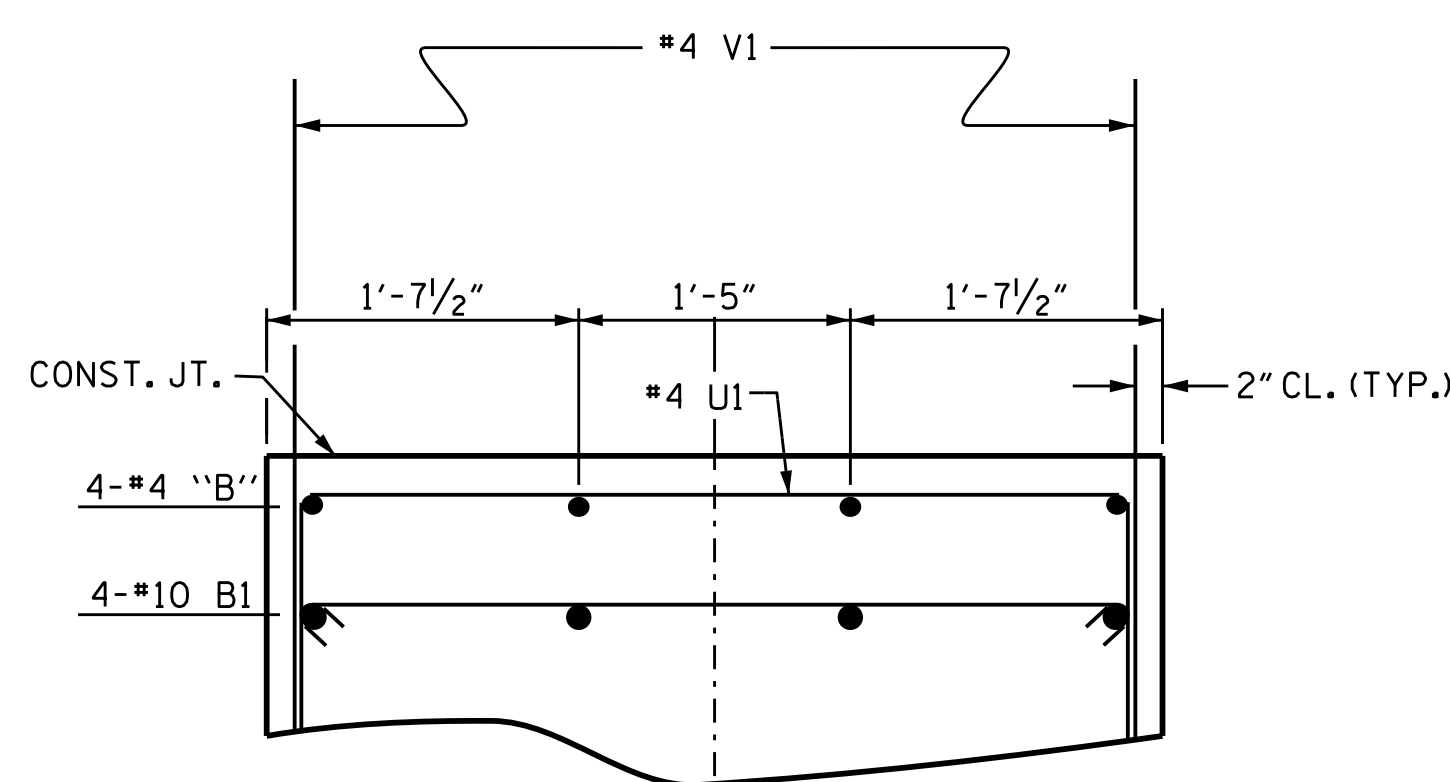
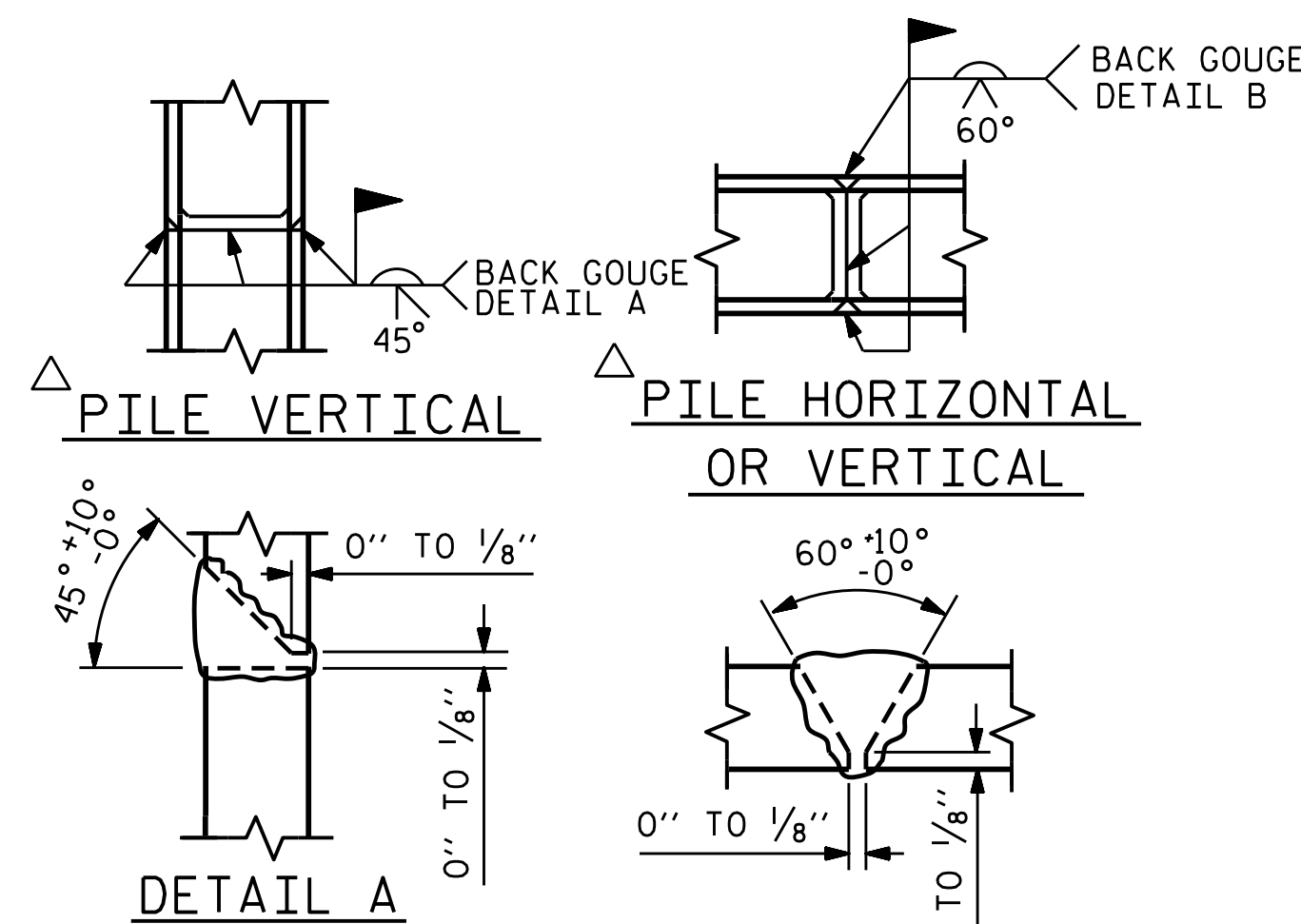


SECTION A-A

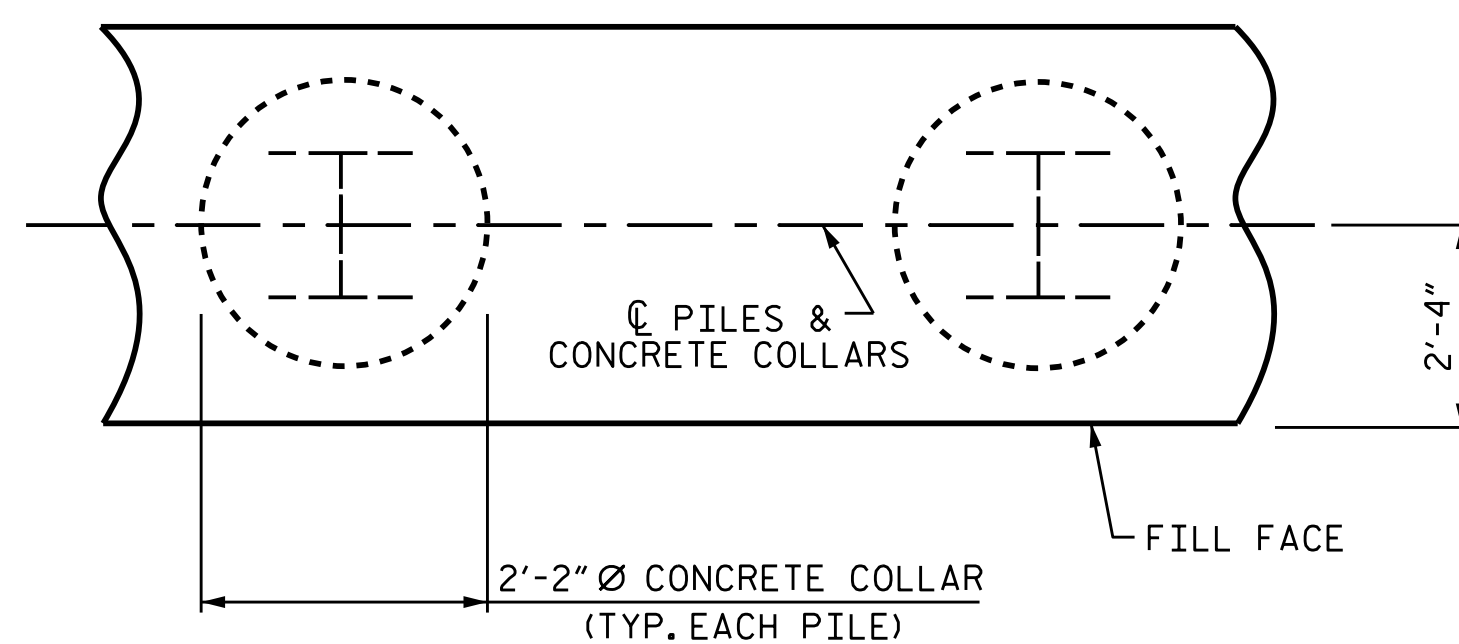


PARTIAL SECTION B-B

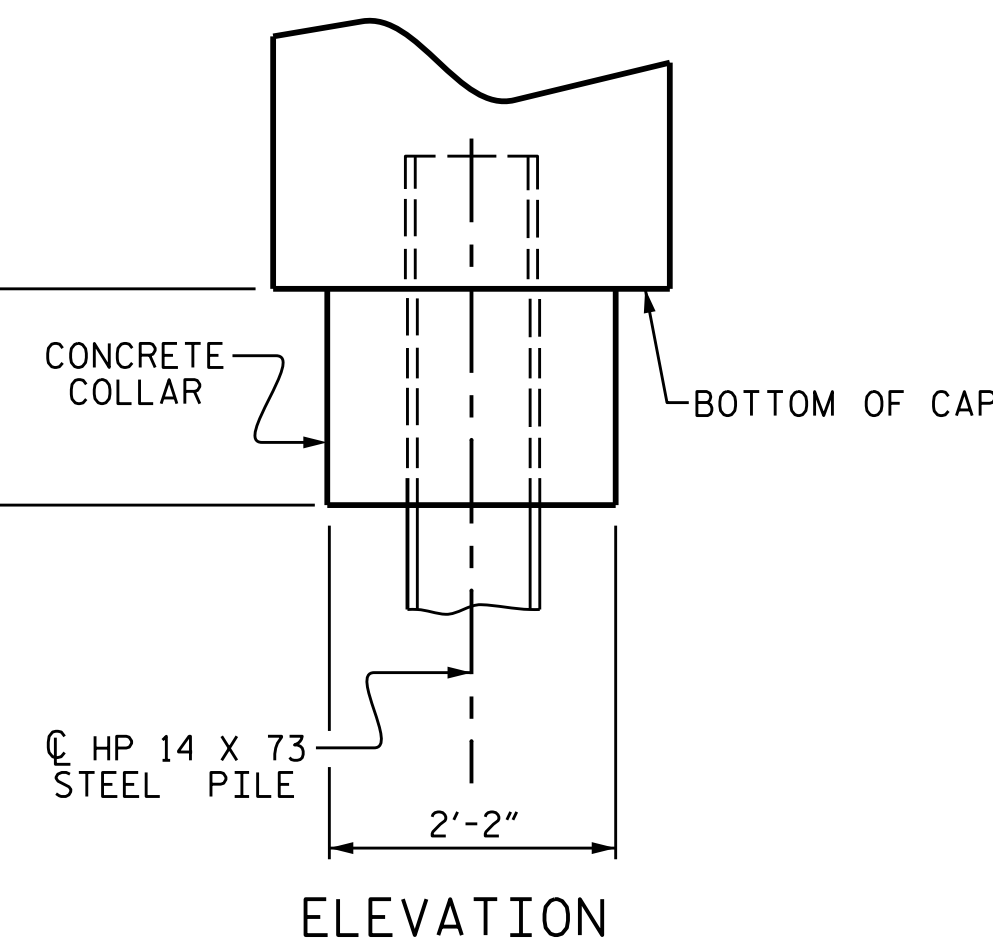


POSITION OF PILE DURING WELDING.

PILE SPLICE DETAILS



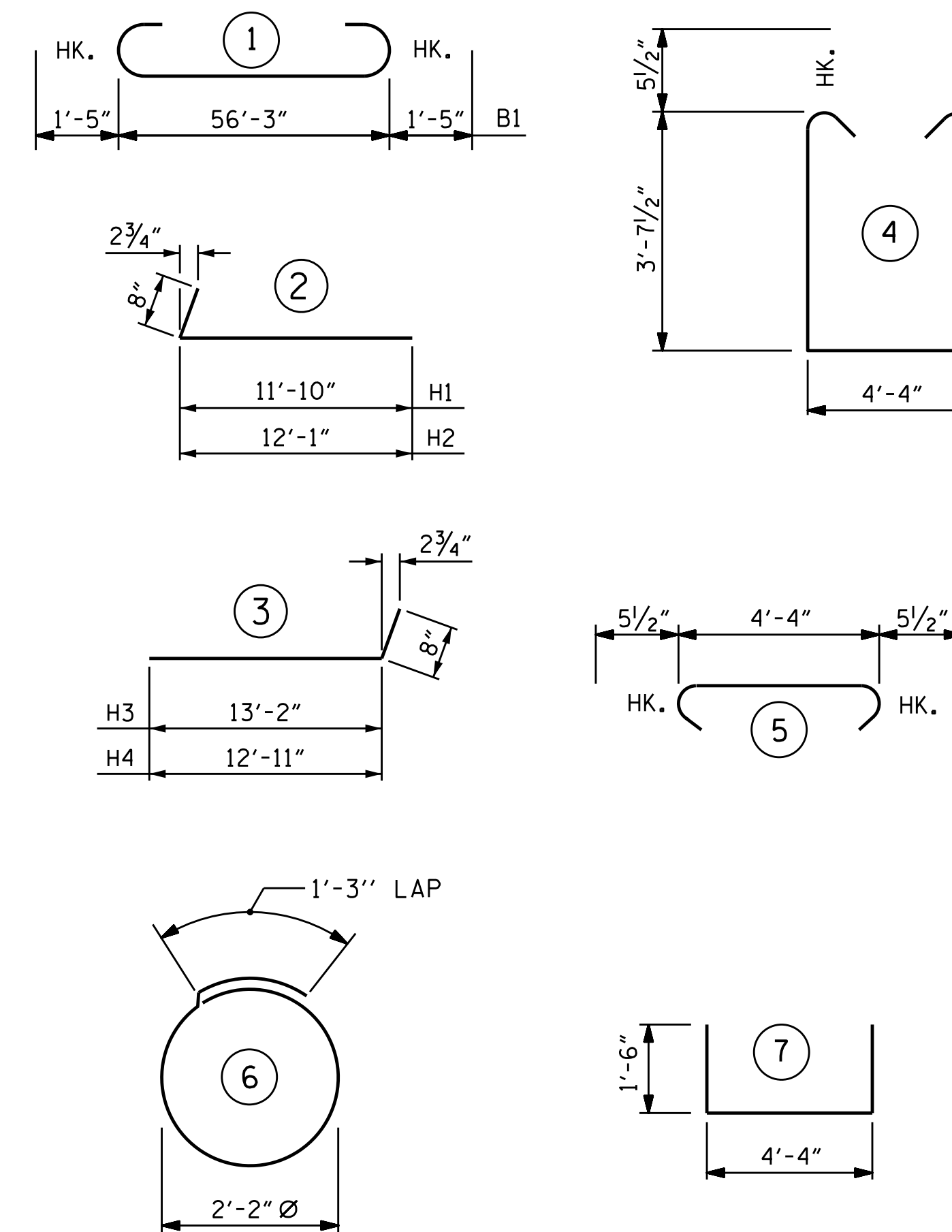
PLAN



ELEVATION

CORROSION PROTECTION FOR STEEL PILES DETAIL

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#10	1	59'-1"	2034
B2	8	#4	STR	29'-5"	157
B3	6	#5	STR	56'-5"	353
B4	14	#4	STR	4'-2"	39
B5	4	#4	STR	8'-3"	22
B6	16	#4	STR	3'-0"	32
H1	21	#5	2	12'-6"	274
H2	21	#5	2	12'-9"	279
H3	22	#5	3	13'-10"	317
H4	22	#5	3	13'-7"	312
K1	52	#4	STR	3'-9"	130
S1	48	#5	4	12'-6"	626
S2	48	#5	5	5'-3"	263
S3	28	#4	6	8'-1"	151
U1	18	#4	7	7'-4"	88
V1	74	#4	STR	6'-0"	297
V2	34	#5	STR	10'-11"	387
V3	36	#5	STR	10'-6"	394

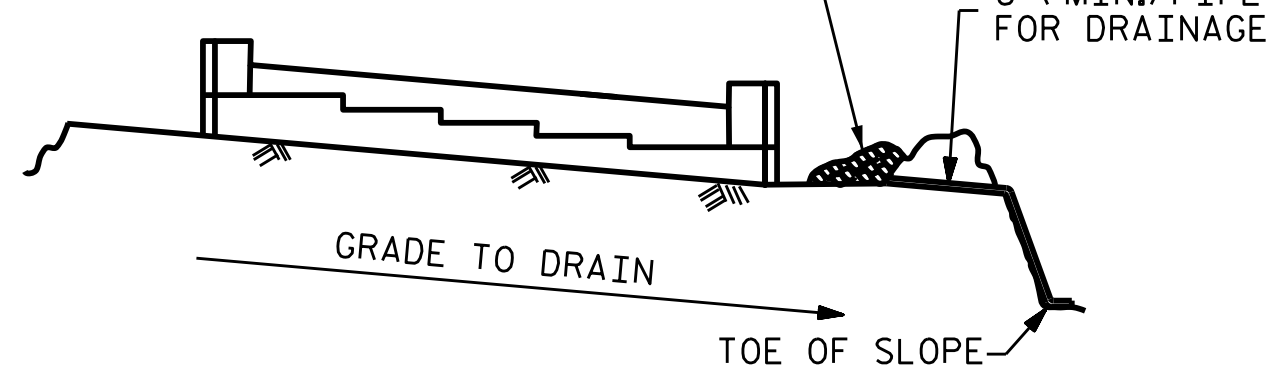
REINFORCING STEEL = 6155 LBS.

CLASS A CONCRETE
 POUR #1 (CAP, CON. COLLARS, & LOWER PART OF WINGS) = 47.4 C.Y.
 POUR #2 (UPPER PART OF WINGS) = 8.5 C.Y.
 TOTAL = 55.9 C.Y.

HP 14 X 73 STEEL PILES
 No. 7 _____ LIN FT. 175

PILE DRIVING EQUIPMENT SETUP FOR
 HP 14 X 73 STEEL PILES _____ NO.: 7

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.

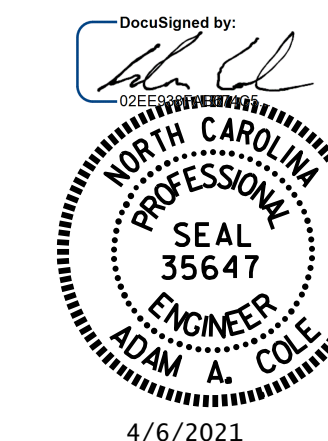
NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT

DRAWN BY : M. G. SHAIKH DATE : 09/2019
 CHECKED BY : H. LOCKLEAR DATE : 09/2019
 DESIGN ENGINEER OF RECORD: H. LOCKLEAR DATE : 08/2019

06-APR-2021 13:00
 RA:\Structures\Final Plans\400.053.B5813.SMU.E2.0026.120132.dgn
 dacciole

DOCUMENT NOT CONSIDERED
 FINAL UNLESS ALL
 SIGNATURES COMPLETED



PROJECT NO. B-5813
 CABARRUS COUNTY
 STATION: 21+85.00 -L-
 SHEET 3 OF 3

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 INTEGRAL
 END BENT 2

REVISIONS

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

SHEET NO.
 S-26
 TOTAL SHEETS
 29