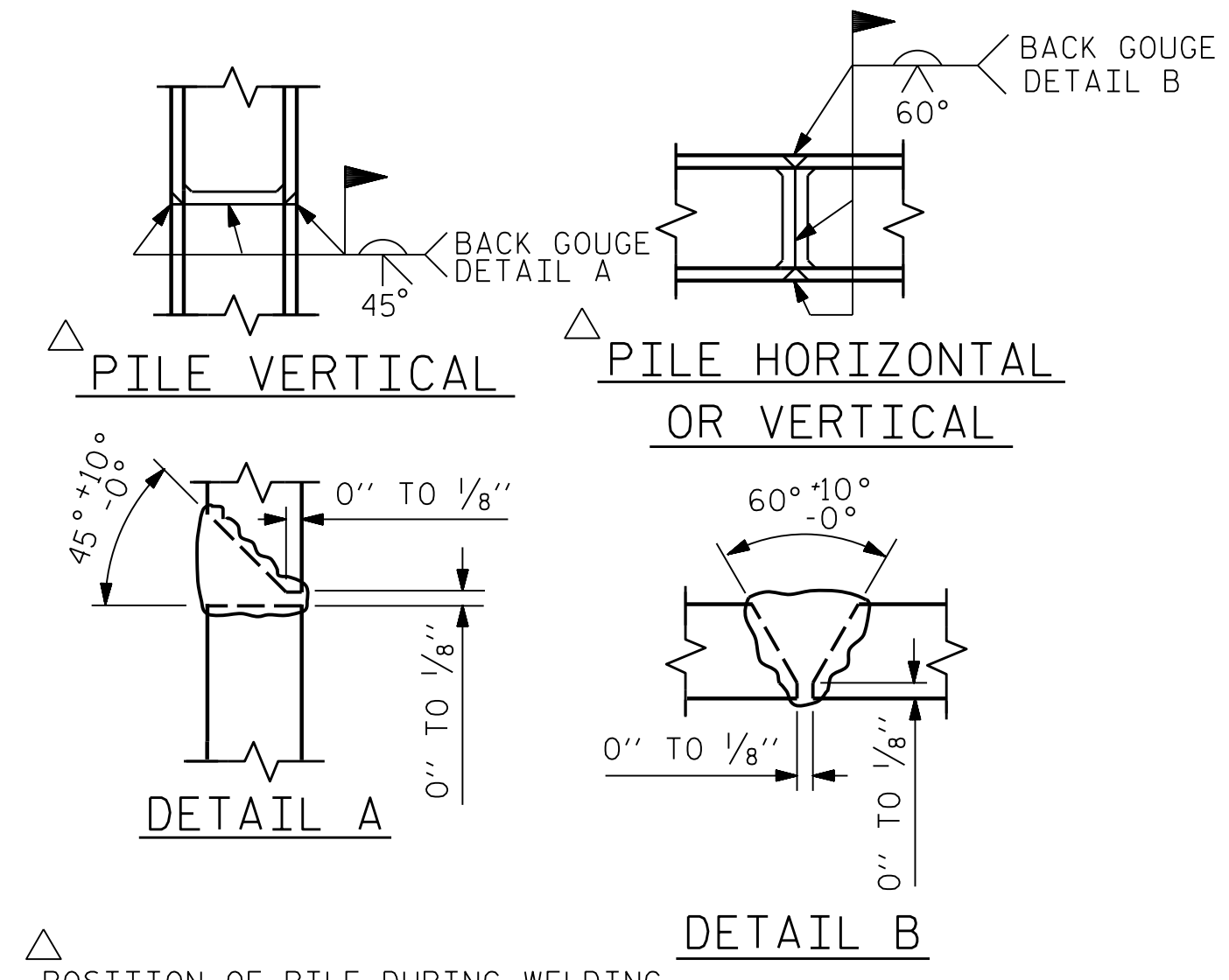


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

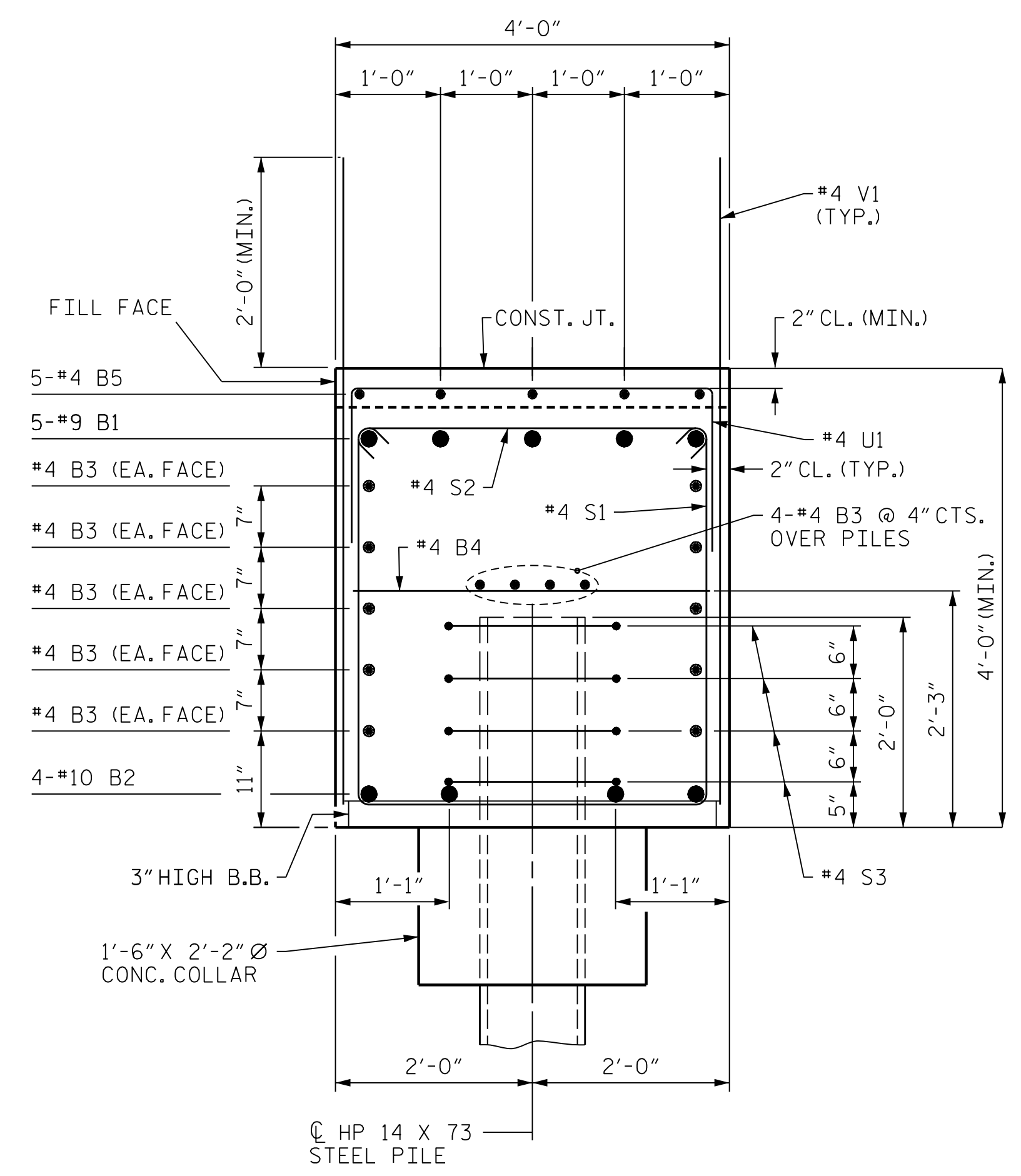
BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR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

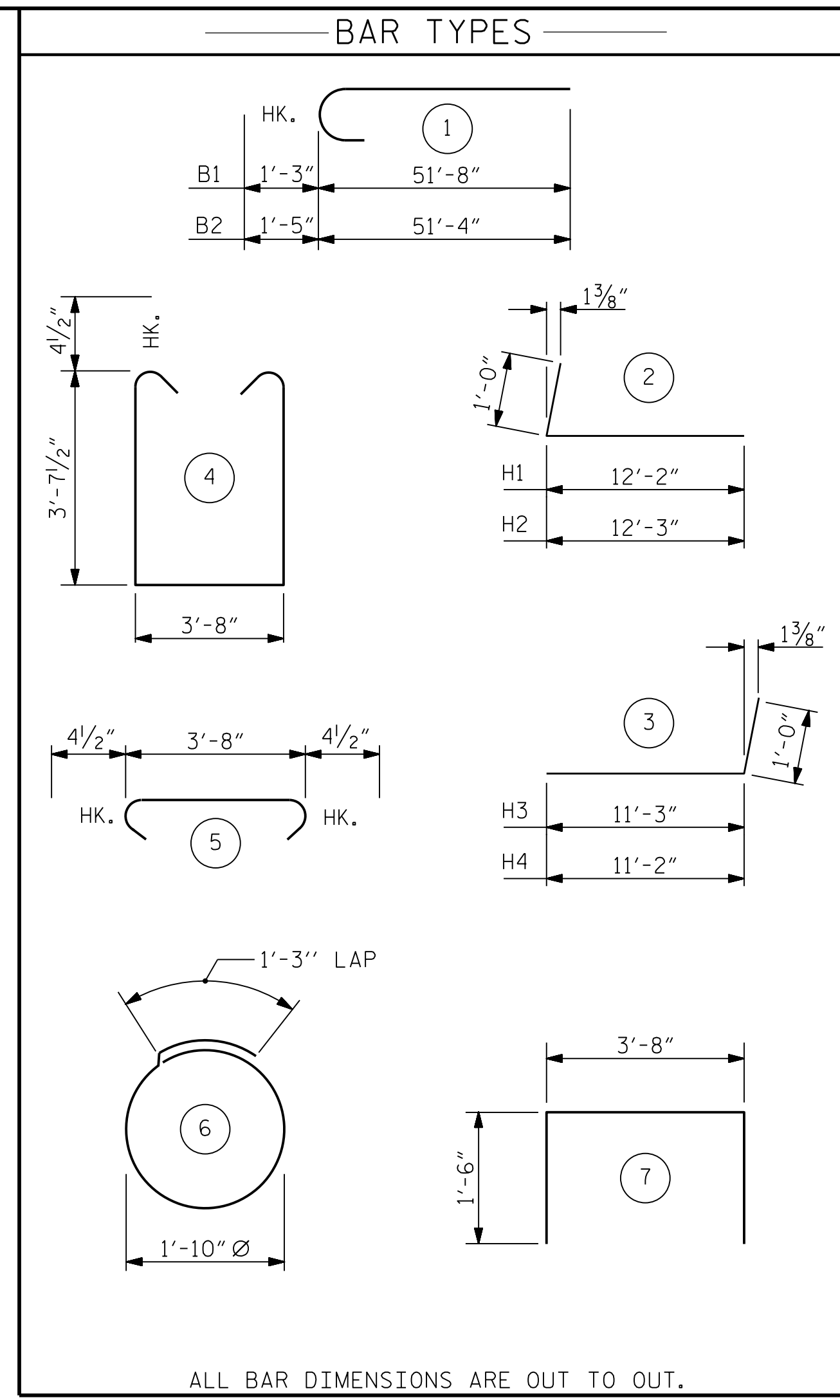
TEMPORARY DRAINAGE AT END BENT



PILE SPLICE DETAILS



SECTION A-A



BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	10	#9	1	52'-11"	1799
B2	8	#10	1	52'-9"	1816
B3	56	#4	STR	26'-4"	985
B4	25	#4	STR	3'-8"	61
B5	40	#4	STR	8'-0"	214
B6	5	#4	STR	13'-3"	44
H1	24	#6	2	13'-2"	475
H2	24	#6	2	13'-3"	478
H3	23	#5	3	12'-3"	294
H4	23	#5	3	12'-2"	292
K1	16	#4	STR	2'-8"	29
K2	16	#4	STR	2'-8"	29
S1	98	#4	4	11'-8"	764
S2	98	#4	5	4'-5"	289
S3	60	#4	6	7'-0"	281
U1	57	#4	7	6'-8"	254
V1	116	#4	STR	6'-10"	530
V2	34	#5	STR	11'-8"	414
V3	32	#5	STR	10'-10"	362
REINFORCING STEEL					LBS. 9,410
CLASS A CONCRETE					
POUR #1 CAP, LOWER WINGS & CONC. COLLARS					C.Y. 70.6
POUR #2 UPPER PART OF WINGS					C.Y. 7.8
TOTAL CLASS A CONCRETE					C.Y. 78.4
HP 14x73 STEEL PILES NO. 15					LIN. FT. 375
PILE DRIVING EQUIPMENT SETUP FOR HP 14x73 STEEL PILES					NO. 15

PROJECT NO. R-2233BB
RUTHERFORD COUNTY
 STATION: 26+65.52 -Y3-

SHEET 4 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 END BENT 1

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

SHEET NO. S4-35
 TOTAL SHEETS 45

MODJESKI and MASTERS
 Experience great bridges.
 333 FAYETTEVILLE STREET, SUITE 500
 RALEIGH, NC 27601
 NC LICENSE NO. C-2979

PROFESSIONAL ENGINEER
 SEAL 032967
 JASON R. DOUGHTY
 4/22/2020
 DocuSigned by:
 Jason R Doughty
 SF73FA2DEA874E8...

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

STR, #4

4/22/2020 404_065_R2233BB_SMLL14_800663.dgn

DESIGNED BY: C. CORMAN DATE: JULY 2019
 DRAWN BY: A. HARLESS DATE: JULY 2019
 CHECKED BY: B. LOFLIN DATE: AUG 2019
 DESIGN ENGINEER OF RECORD: J. DOUGHTY DATE: NOV 2019