

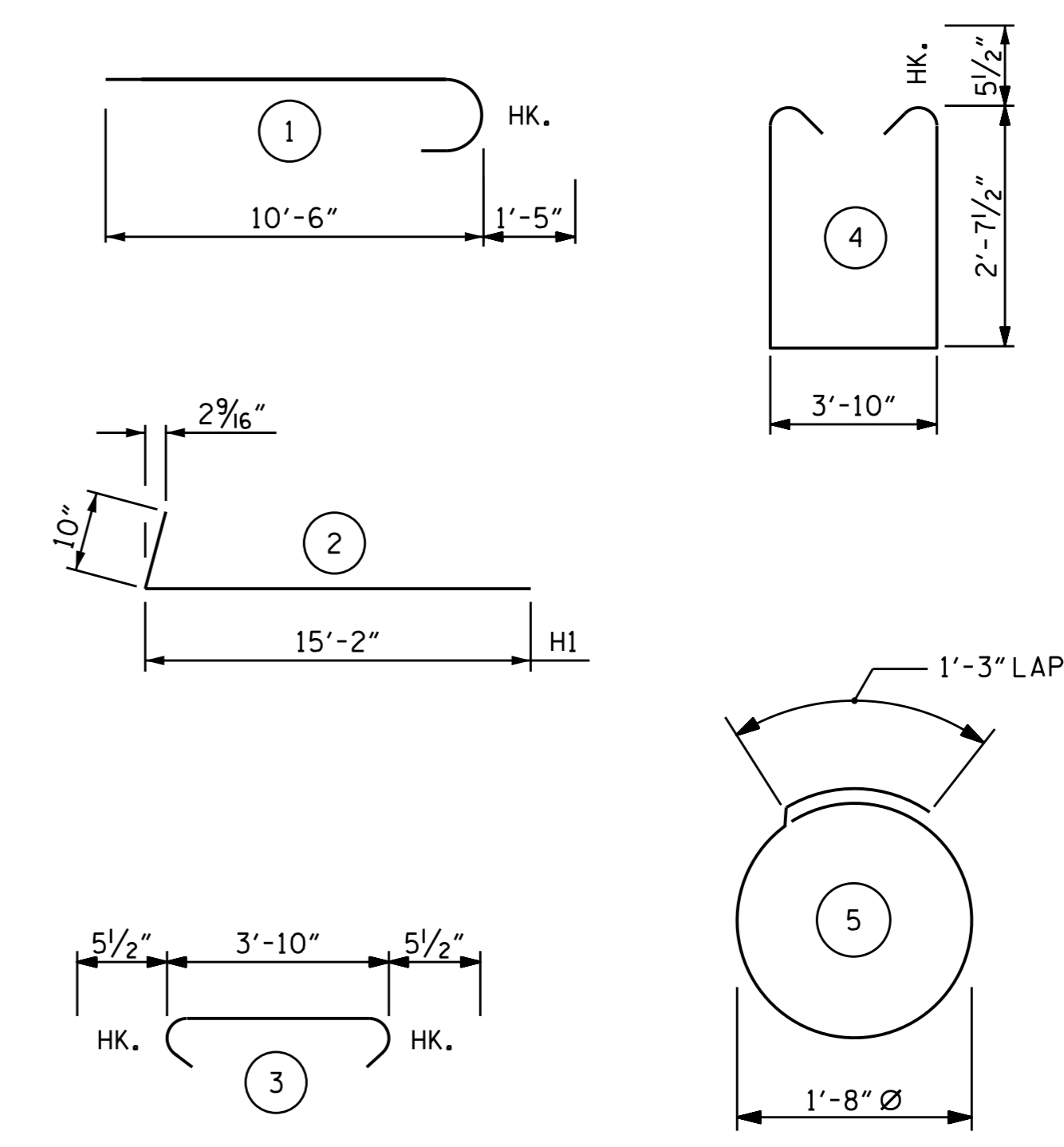
BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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

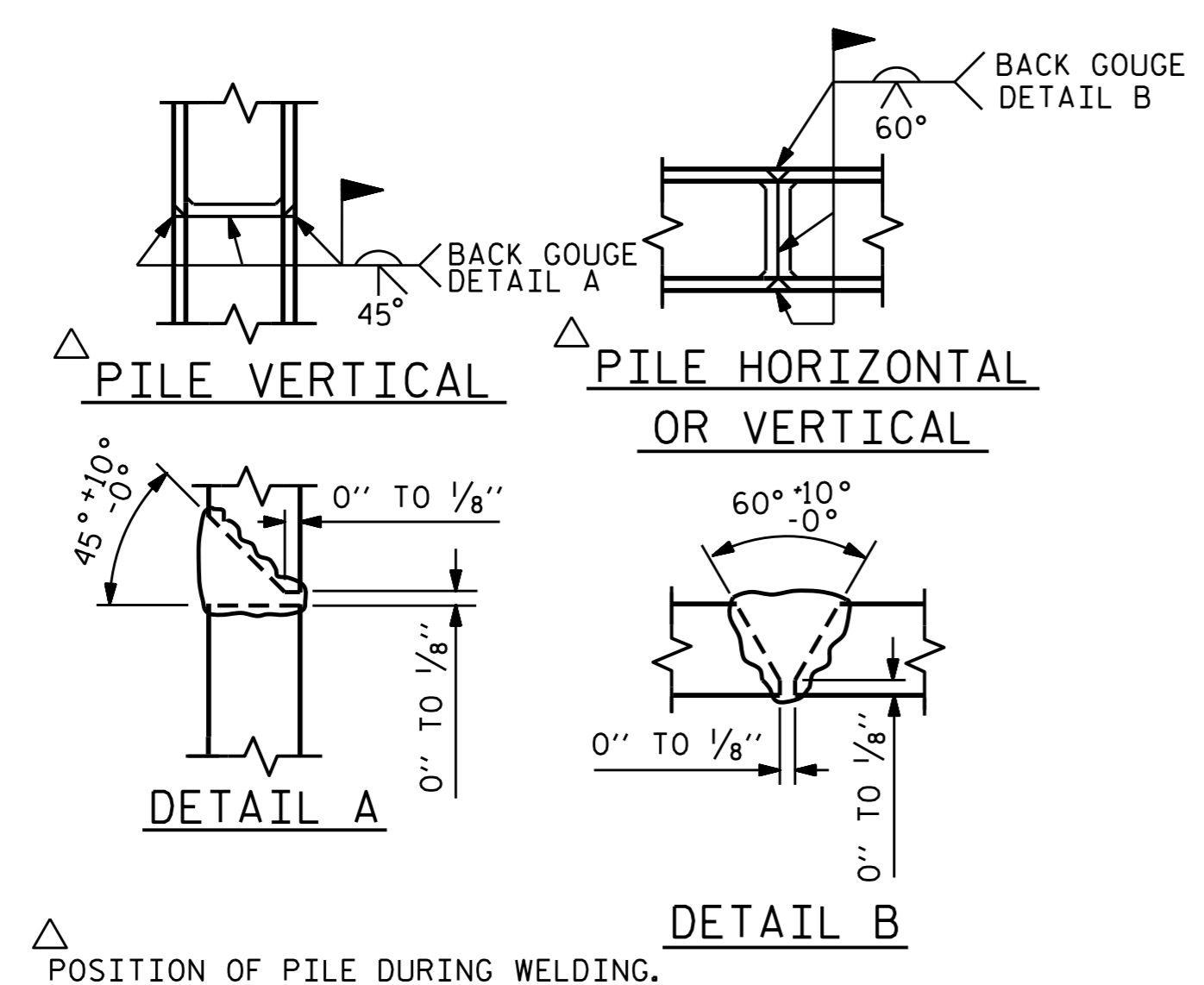
BAR TYPES



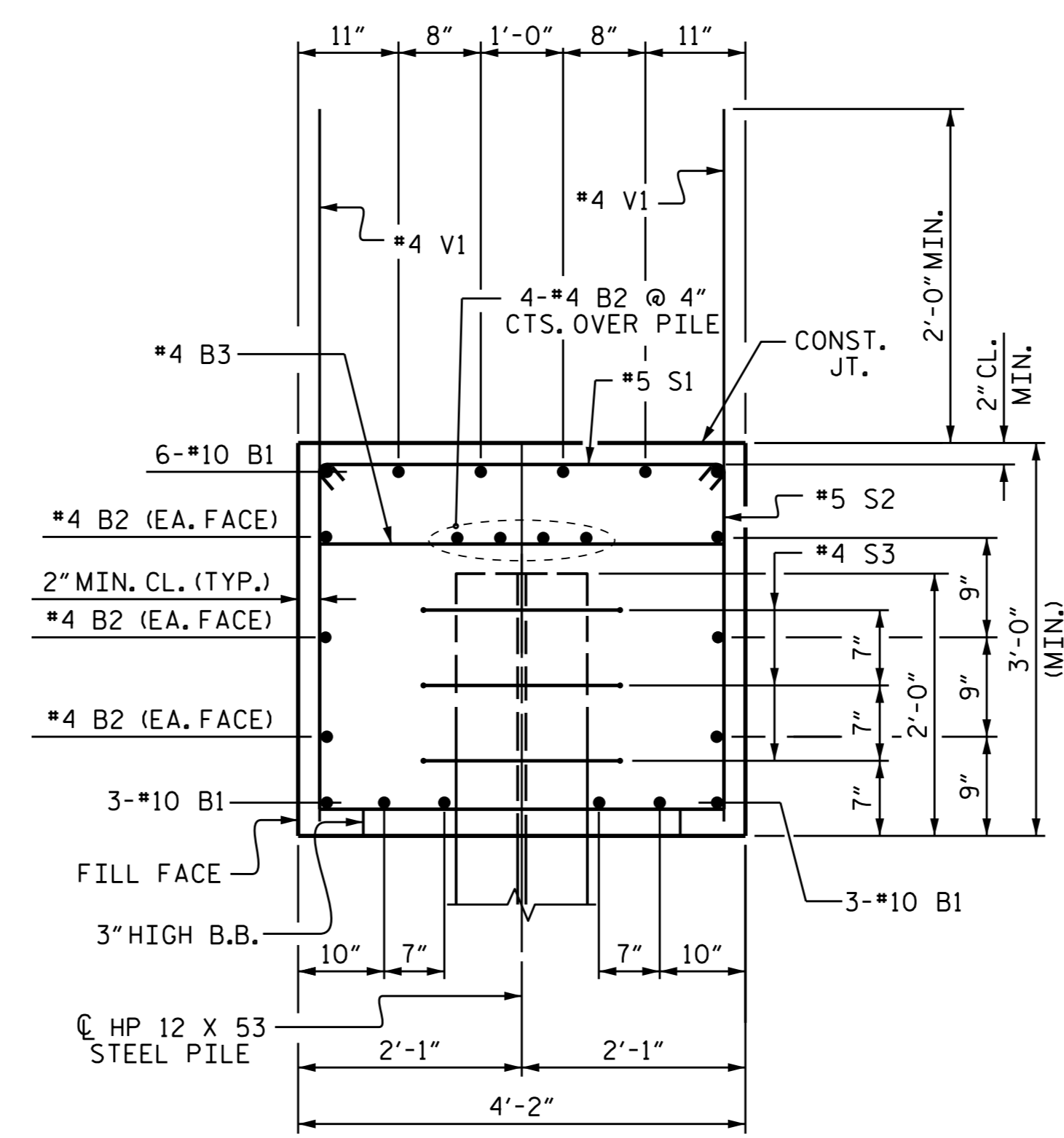
ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

INTEGRAL END BENT 2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	12	#10	1	11'-11"	615
B2	10	#4	STR.	10'-9"	72
B3	3	#4	STR.	3'-10"	8
D1	12	#6	STR.	3'-0"	54
H1	6	#5	2	16'-0"	100
S1	15	#5	3	4'-9"	74
S2	15	#5	4	10'-0"	156
S3	9	#4	5	6'-6"	39
V1	18	#4	STR.	5'-0"	60
V2	27	#5	STR.	5'-0"	141
REINFORCING STEEL				LBS.	1,319
CLASS A CONCRETE					
POUR #1 (CAP & LOWER PART OF WING)					
TOTAL				CU. YDS.	6.4
TOTAL				CU. YDS.	6.4
HP 12 X 53 STEEL PILES					
NO. 2				LIN. FT.	130
PILE REDRIVES					
EACH				2	



PILE SPLICE DETAILS



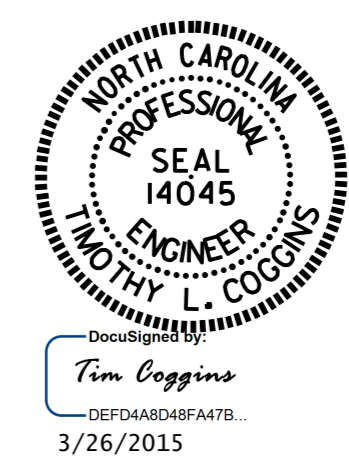
SECTION A-A

PROJECT NO. R-2514D
JONES & CRAVEN COUNTY
 STATION: 625+23.28 -L-

SHEET 4 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE
 INTEGRAL END BENT 2



REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S18-034
1			3			TOTAL SHEETS
2			4			39

DRAWN BY: K. P. SEDAI DATE: 9/24/14
 CHECKED BY: B. N. BARODAWALA DATE: 12/19/14
 DESIGN ENGINEER OF RECORD: K. P. SEDAI DATE: _____