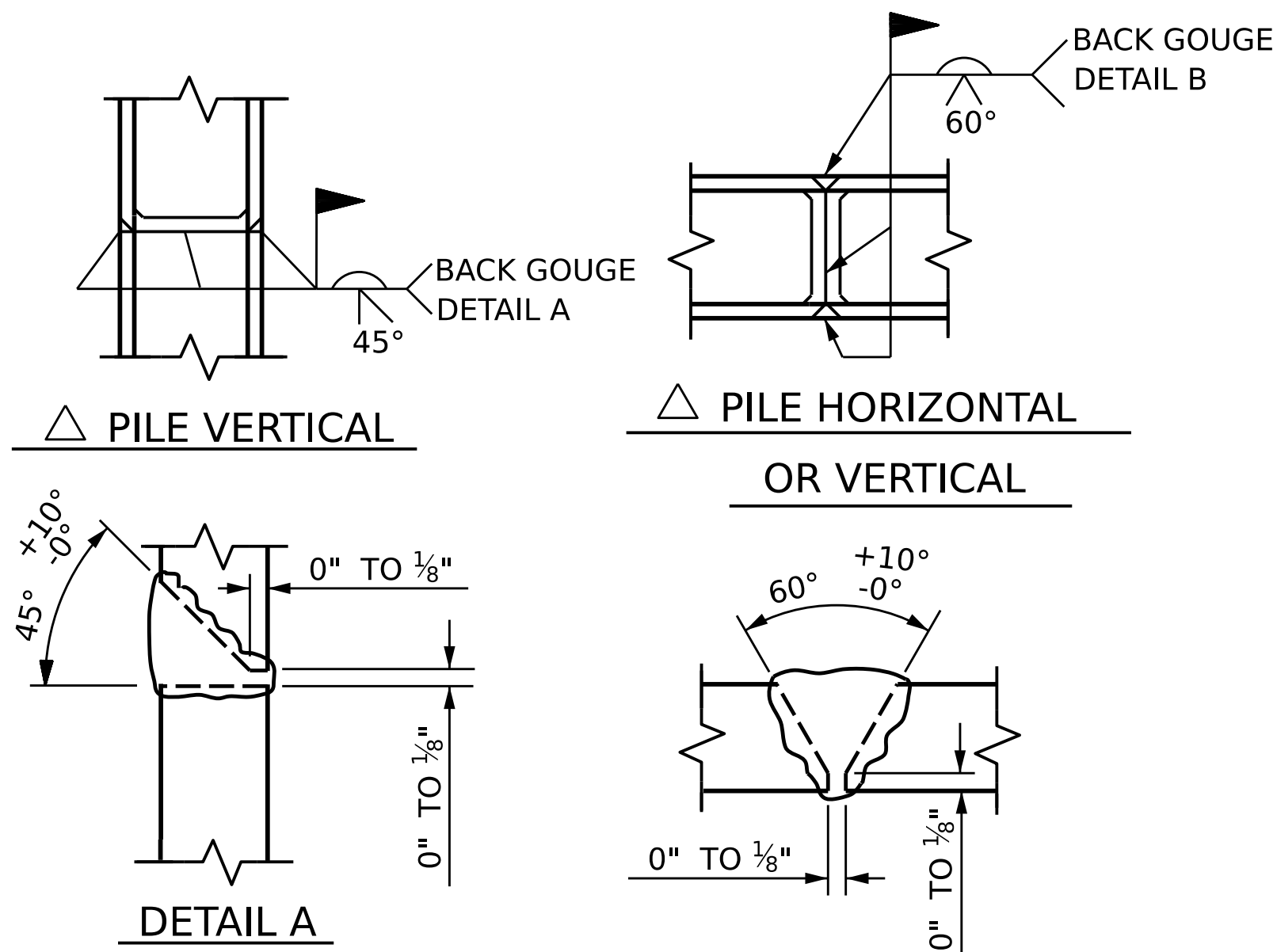


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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.

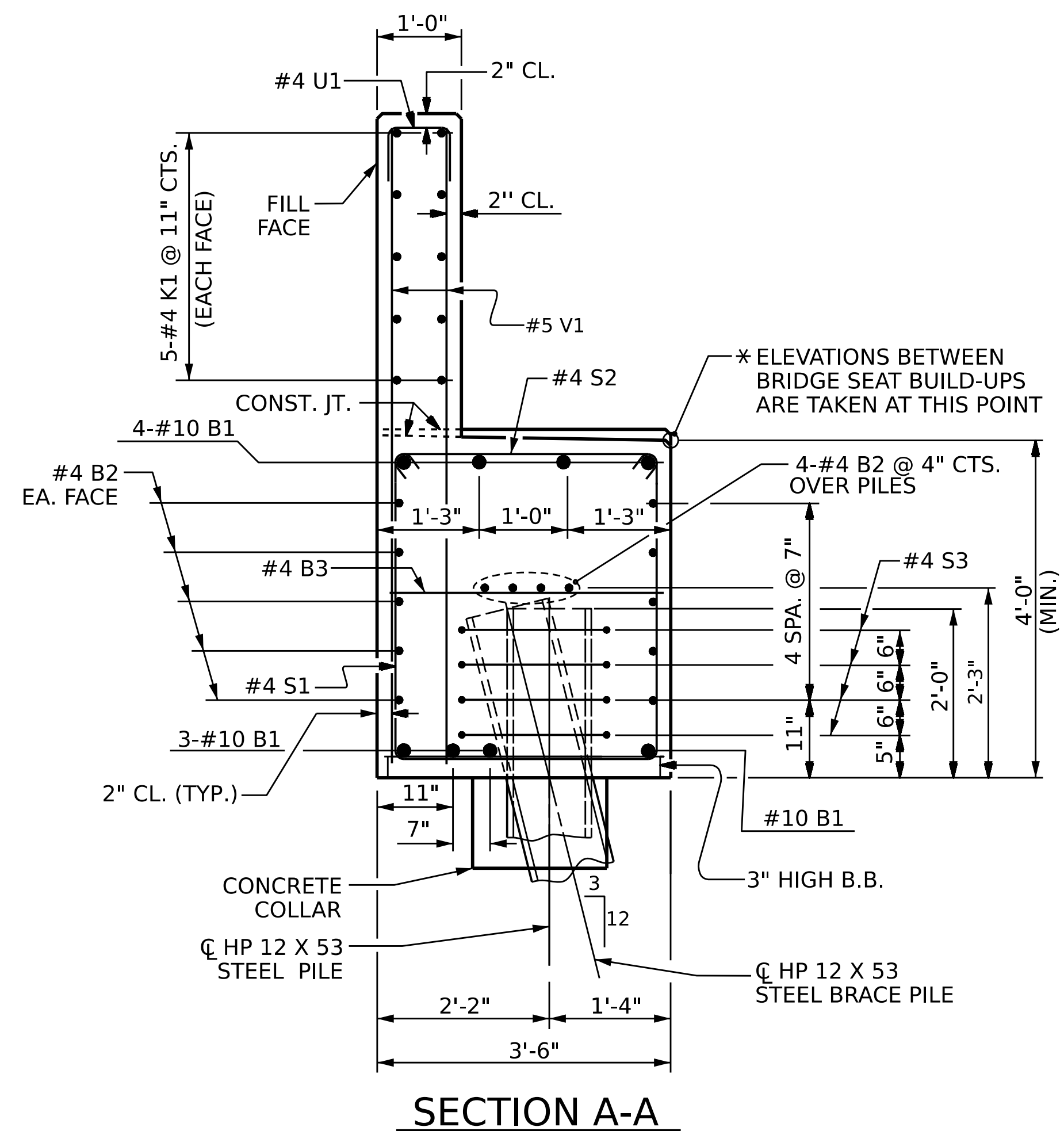
TEMPORARY DRAINAGE AT END BENT



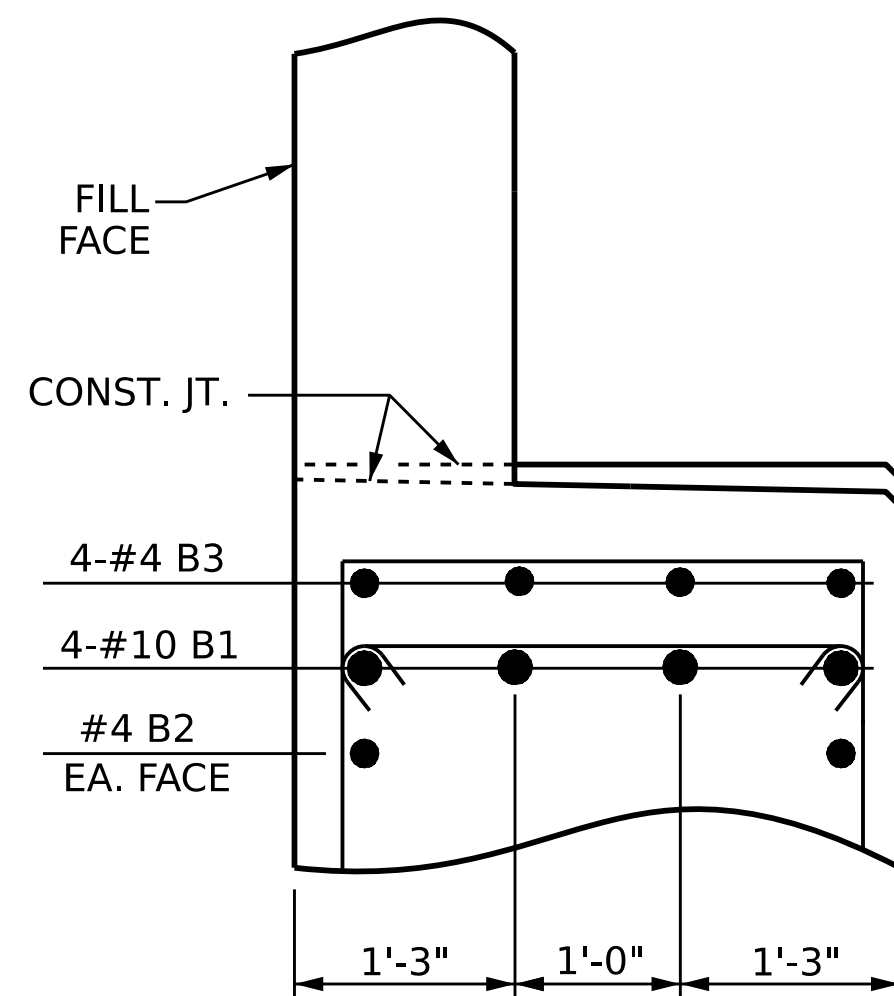
△ POSITION OF PILE DURING WELDING.

DETAIL B

PILE SPLICE DETAILS

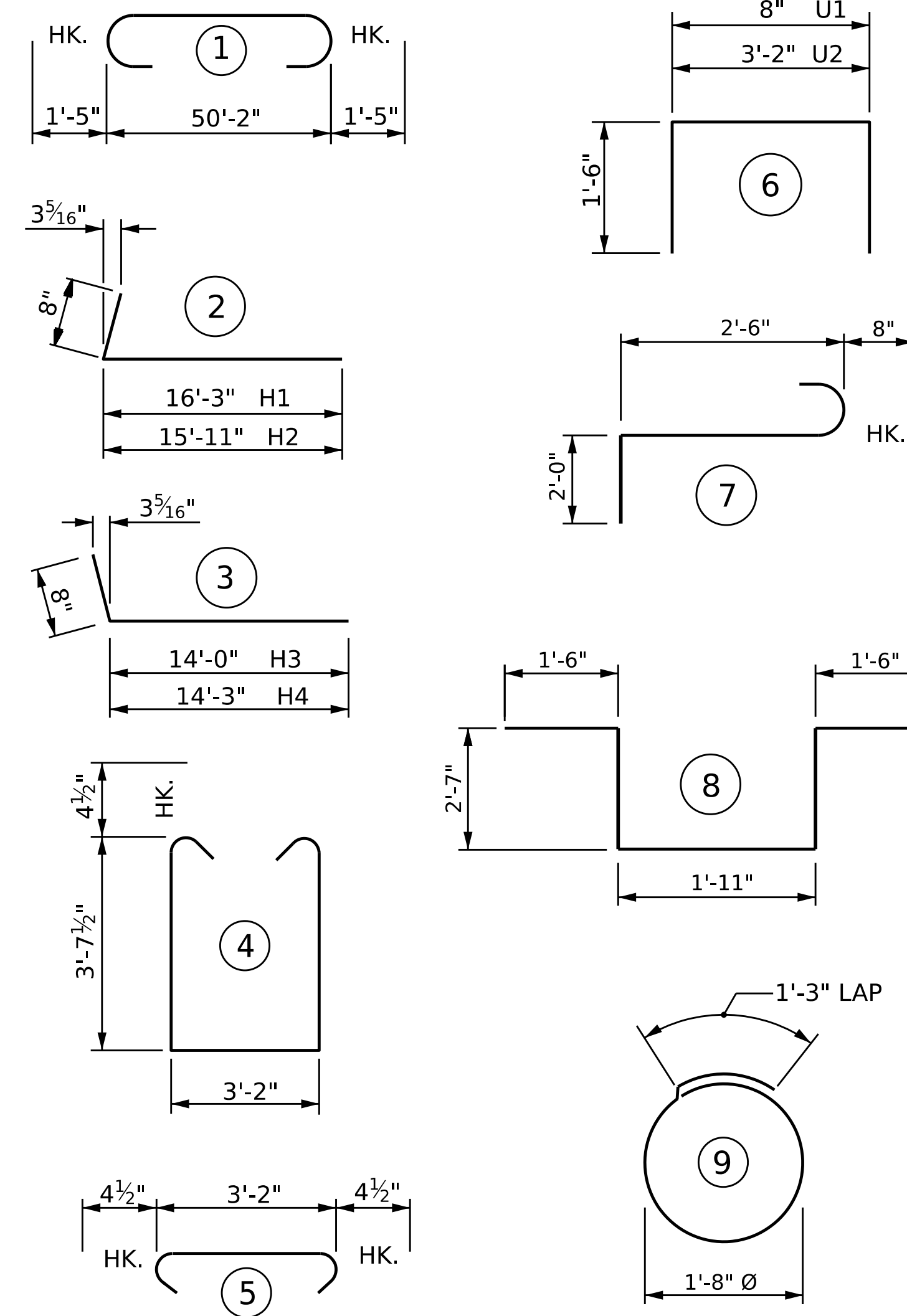


SECTION A-A



PARTIAL SECTION B-B

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

END BENT 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#10	1	53'-0"	1824
B2	28	#4	STR	27'-7"	516
B3	25	#4	STR	3'-2"	53
H1	12	#4	2	16'-11"	136
H2	12	#4	2	16'-7"	133
H3	12	#4	3	14'-8"	118
H4	12	#4	3	14'-11"	120
K1	20	#4	STR	27'-7"	369
K2	8	#4	STR	3'-3"	17
S1	58	#4	4	11'-2"	433
S2	58	#4	5	3'-11"	152
S3	32	#4	9	6'-6"	139
S4	6	#6	7	5'-2"	47
S5	6	#6	8	10'-1"	91
U1	44	#4	6	3'-8"	108
U2	9	#4	6	6'-2"	37
V1	88	#5	STR	8'-0"	734
V2	80	#5	STR	9'-8"	807

REINFORCING STEEL LBS. 5,834

CLASS A CONCRETE

POUR #1 CU. YDS. 35.1
(CAP, LOWER WINGS, & COLLARS)

POUR #2 CU. YDS. 15.1
(UPPER WINGS & BACKWALL)

TOTAL CU. YDS. 50.2

PROJECT NO. BR-0095

ROCKINGHAM COUNTY

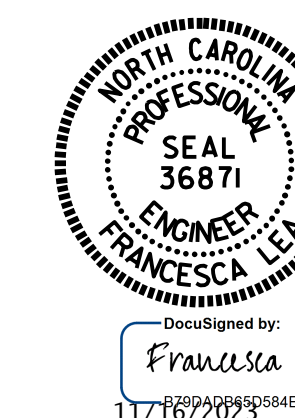
STATION: 16+91.66 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

END BENT 2



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS		SHEET NO.	
NO.	DATE	NO.	DATE
1		3	
2		4	

DRAWN BY: Z. MALIK DATE: 04/2023
CHECKED BY: F. LEA DATE: 04/2023
DESIGN ENGINEER OF RECORD: Z. MALIK DATE: 04/2023