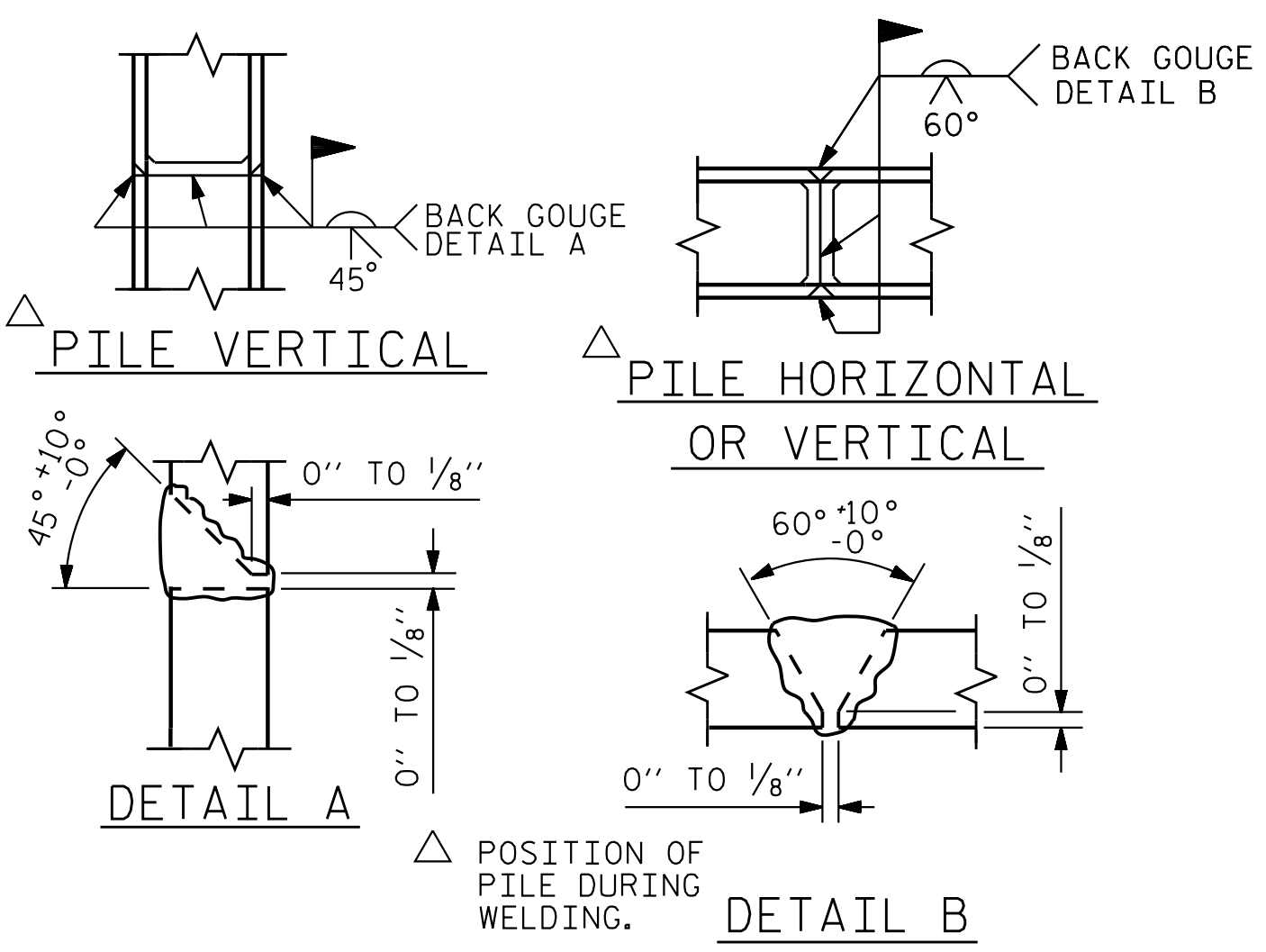


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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.

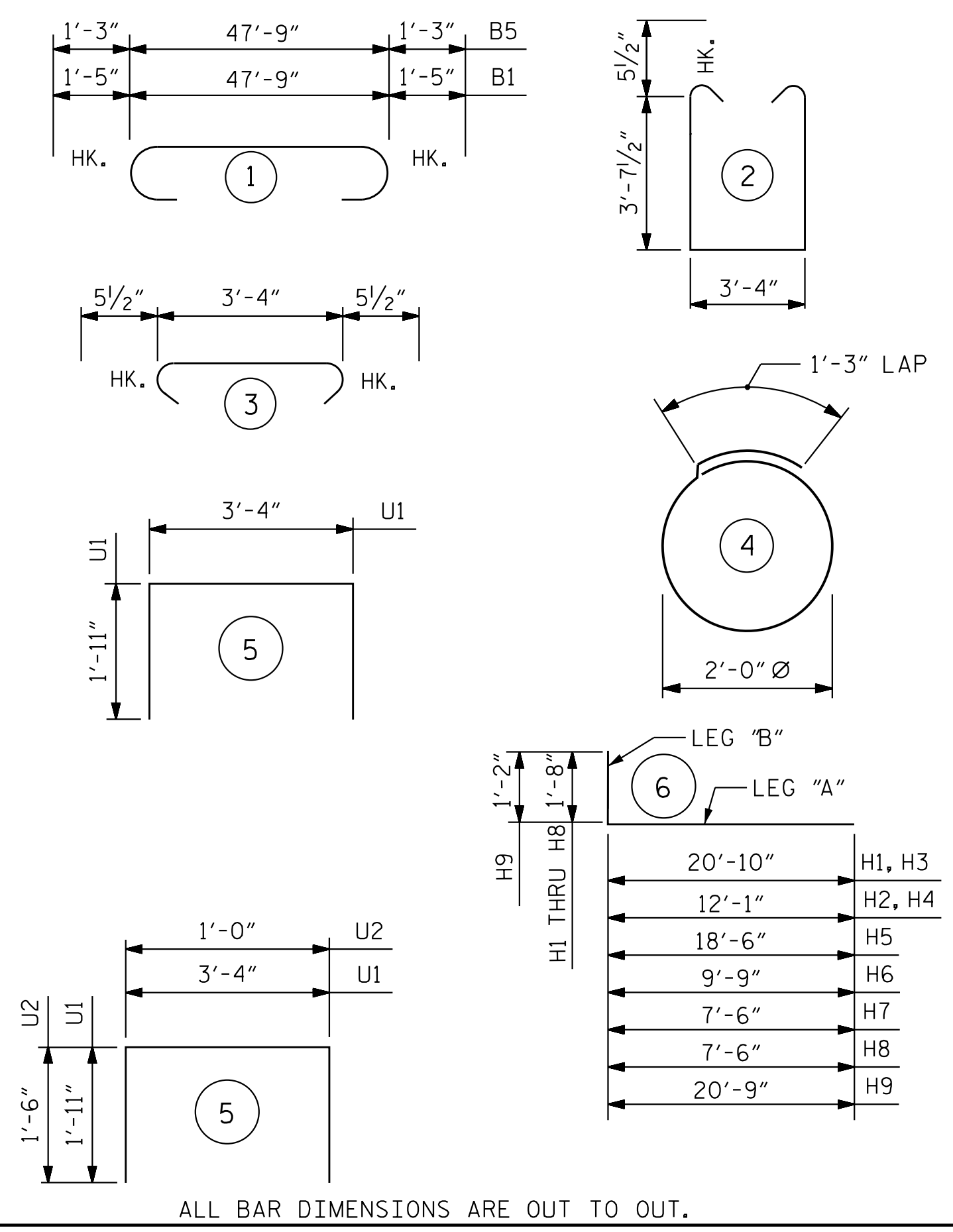
NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT



PILE SPLICE DETAILS

BAR TYPES



BILL OF MATERIAL

END BENT 2

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	6	#10	1	50'-7"	1306
B2	2	#10	STR	47'-3"	407
B3	8	#4	STR	24'-4"	133
B4	6	#6	STR	46'-11"	432
B5	6	#9	1	50'-3"	1025
B6	20	#4	STR	3'-4"	45
B7	6	#4	STR	29'-11"	122
B8	6	#4	STR	18'-11"	78
B9	6	#4	STR	7'-11"	34
H1	18	#7	6	22'-6"	828
H2	8	#6	6	13'-9"	165
H3	13	#5	6	22'-6"	305
H4	12	#5	6	13'-9"	172
H5	10	#7	6	20'-2"	412
H6	4	#6	6	11'-5"	69
H7	10	#7	6	9'-2"	187
H8	4	#6	6	9'-2"	55
H9	2	#7	6	21'-11"	90
K1	8	#4	STR	2'-9"	15
K2	28	#4	STR	5'-10"	109
S1	64	#5	2	11'-6"	768
S2	56	#5	3	4'-3"	248
S3	32	#4	4	7'-7"	162
U1	30	#4	5	7'-2"	144
U2	9	#4	5	4'-0"	24
V1	74	#5	STR	7'-6"	579
V2	20	#5	STR	11'-1"	231
V3	34	#5	STR	11'-10"	420
V4	11	#5	STR	11'-0"	126
V5	11	#5	STR	11'-9"	135

REINFORCING STEEL	LBS. 8,822
POUR#1: CAP, COLLARS, WINGS	C.Y. 36.1
POUR#2: UPPER WINGS	C.Y. 18.1
CLASS A CONCRETE TOTAL	C.Y. 54.2

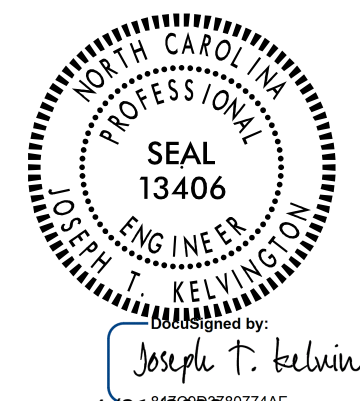
PROJECT NO. R-2707D
CLEVELAND COUNTY
 STATION: 810+00.00 -L-

SHEET 4 OF 4

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

END BENT 2 DETAILS

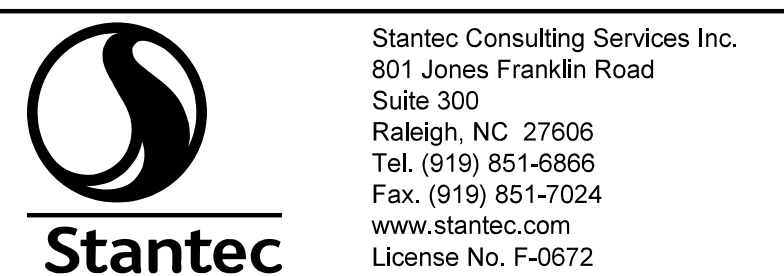
(RL)



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S9-27	
1			3			TOTAL SHEETS	
2			4			30	

STR. #9



DRAWN BY : N. D'AIUTO DATE : 05/09/18
 CHECKED BY : T. N. ENNIS DATE : 08/27/18
 DESIGN ENGINEER OF RECORD : J.T. KELVINGTON DATE : 04/21/23

jhagenbush

4/21/2023

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