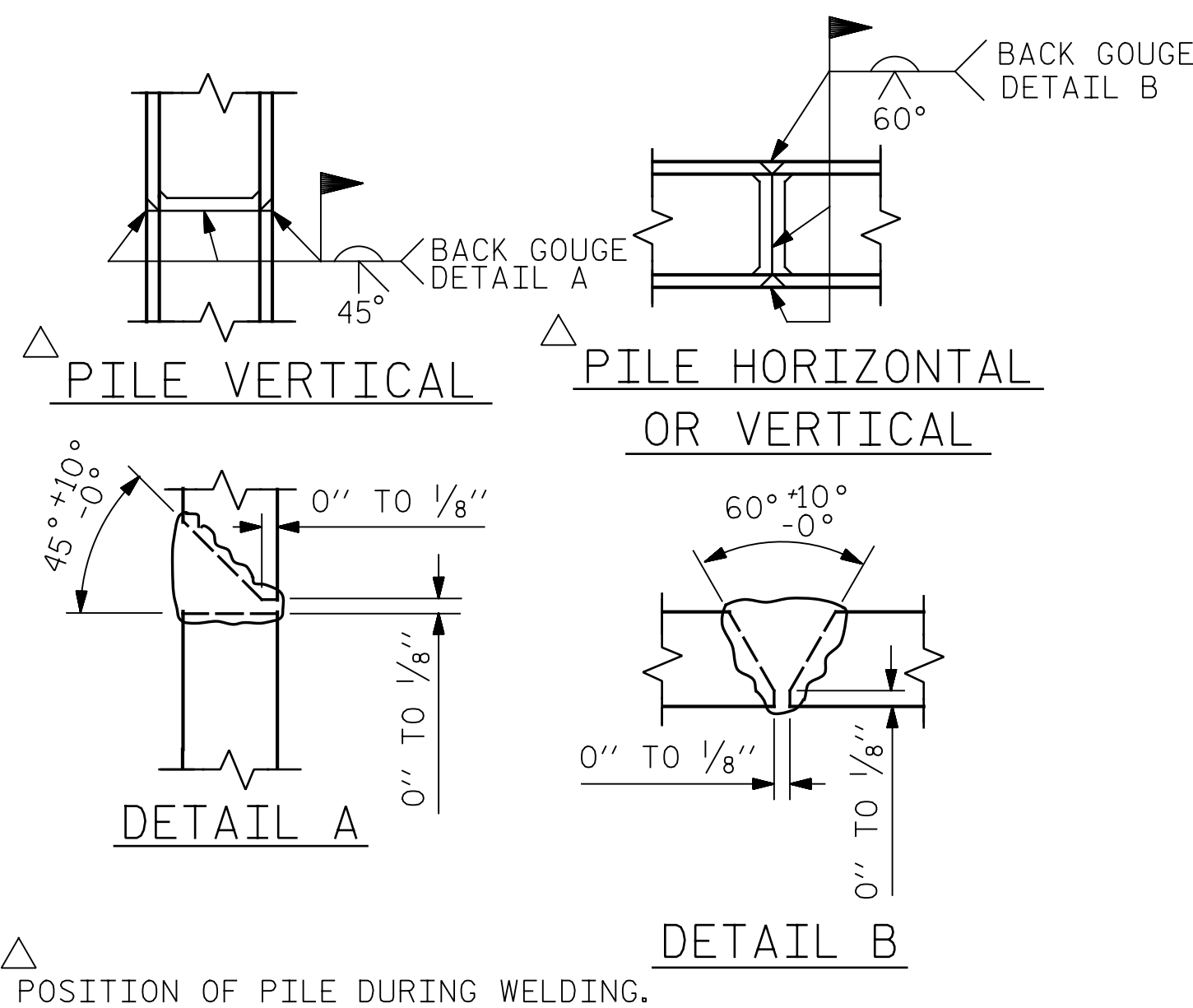


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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.

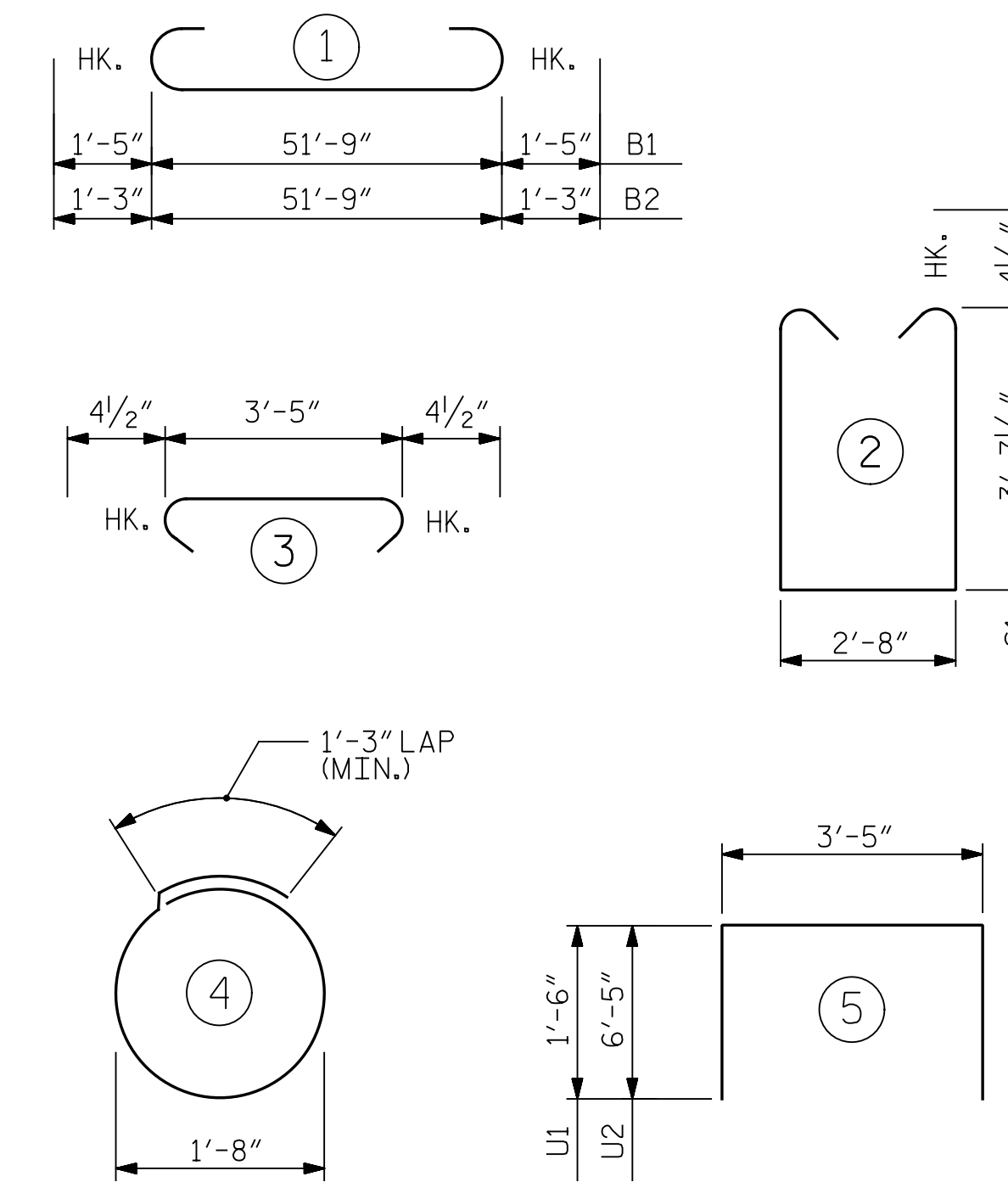
NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

TEMPORARY DRAINAGE AT END BENT



PILE SPLICE DETAILS

BAR TYPES

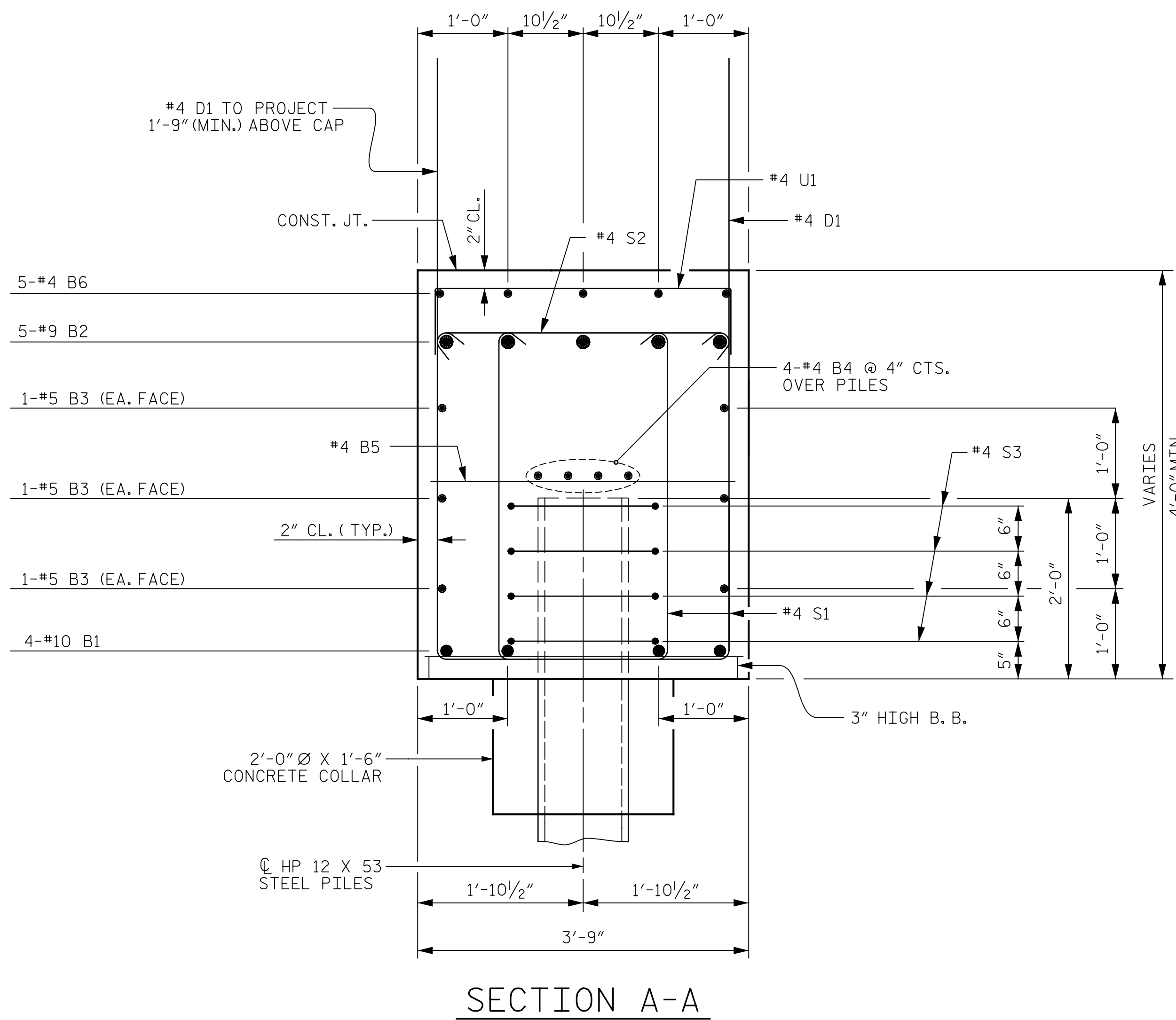


ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

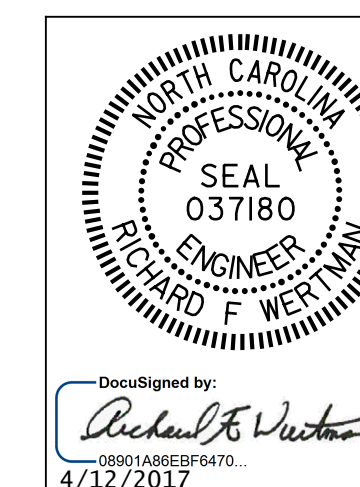
END BENT #2

BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
B1	4	#10	1	54'-7"	940
B2	5	#9	1	54'-3"	922
B3	6	#5	STR	51'-9"	324
B4	8	#4	STR	27'-1"	145
B5	13	#4	STR	3'-5"	30
B6	5	#4	STR	19'-0"	63
B7	1	#4	STR	7'-7"	5
B8	1	#4	STR	7'-9"	5
B9	1	#4	STR	7'-11"	5
B10	1	#4	STR	8'-0"	5
B11	1	#4	STR	8'-2"	5
D1	84	#4	STR	6'-5"	360
H1	21	#5	STR	15'-3"	334
H2	21	#5	STR	15'-2"	332
H3	22	#5	STR	15'-0"	344
H4	22	#5	STR	15'-1"	346
K6	12	#4	STR	2'-8"	21
S1	108	#4	2	10'-8"	770
S2	54	#4	3	4'-2"	150
S3	44	#4	4	6'-6"	191
U1	13	#4	5	6'-5"	56
U2	6	#4	5	16'-3"	65
V3	28	#5	STR	10'-4"	302
V4	28	#5	STR	11'-1"	324



PROJECT NO. B-4447
BURKE COUNTY
 STATION: 25+85.40 -L-
15+67.23 -Y-

SHEET 4 OF 4



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 INTEGRAL
 END BENT #2
 EASTBOUND LANE

REVISIONS

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

SHEET NO.
 S02-24
 TOTAL SHEETS
 28

DRAWN BY : T.J. KIRSCHBAUM DATE : 1/6/16
 CHECKED BY : R.F. WERTMAN DATE : 4/6/16
 DESIGN ENGINEER OF RECORD : R.F. WERTMAN DATE : 4/6/16

PLANS PREPARED BY:
Gannett Fleming
 Excellence Delivered As Promised

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 Raleigh, NC 27607-3073
 (919) 420-7660
 NC Lic. No. F-0270

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED