

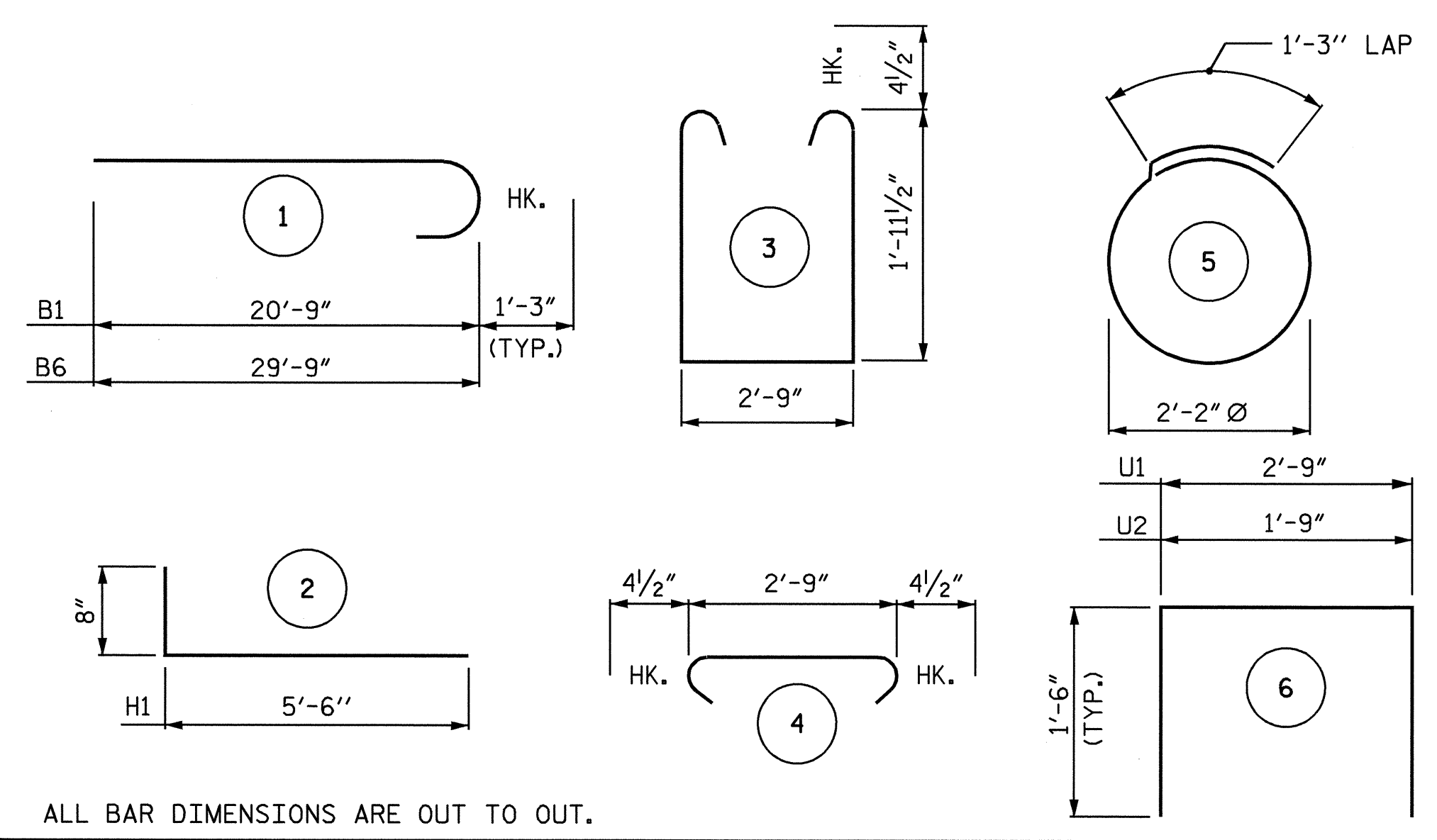
BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

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



BILL OF MATERIAL

END BENT No. 1

STAGE 1						STAGE 2					
BAR No.	SIZE	TYPE	LENGTH	WEIGHT		BAR No.	SIZE	TYPE	LENGTH	WEIGHT	
B1	9	9	1	22-0	673	B3	7	4	STR	2-9	13
B2	4	5	STR	20-9	87	B6	9	9	1	31-0	949
B3	5	4	STR	2-9	9	B7	9	9	STR	9-3	283
B4	4	4	STR	20-9	55	B8	4	5	STR	29-9	124
B5	5	4	STR	9-6	32	B9	4	4	STR	29-9	79
D1	12	6	STR	1-6	27	B10	5	4	STR	18-6	62
H1	12	4	2	6-2	49	D1	18	6	STR	1-6	41
K1	6	4	STR	2-11	12	H1	12	4	2	6-2	49
S1	20	4	3	7-5	99	K1	6	4	STR	2-11	12
S2	20	4	4	3-6	47	S1	30	4	3	7-5	149
S3	8	4	5	8-1	43	S2	30	4	4	3-6	70
U1	7	4	6	5-9	27	S3	10	4	5	8-1	54
U2	2	4	6	4-9	6	U1	13	4	6	5-9	50
V1	20	4	STR	4-6	60	U2	2	4	6	4-9	6
						V1	20	4	STR	4-6	60

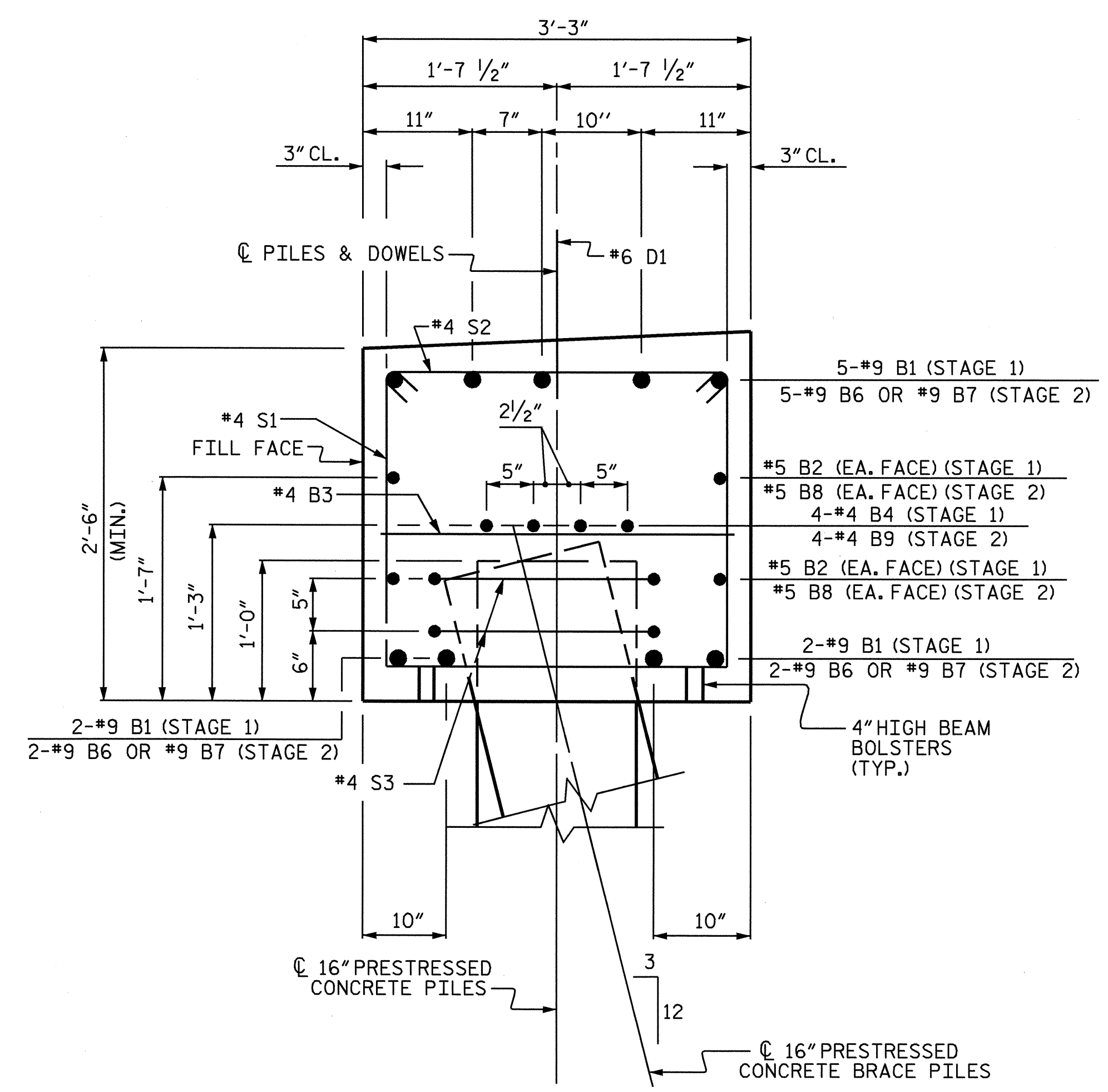
EPOXY COATED REINFORCING STEEL LBS. 1,226 EPOXY COATED REINFORCING STEEL LBS. 2,001

CLASS AA CONCRETE BREAKDOWN			CLASS AA CONCRETE BREAKDOWN		
POUR #1	CAP & BOTT. OF WING W1	7.2 C.Y.	POUR #1	CAP & BOTT. OF WING W2	10.5 C.Y.
POUR #2	TOP OF WING W1	0.8 C.Y.	POUR #2	TOP OF WING W2	0.8 C.Y.
POUR #3	LATERAL GUIDE	0.1 C.Y.	POUR #3	LATERAL GUIDE	0.1 C.Y.
TOTAL CLASS AA CONCRETE		8.1 C.Y.	TOTAL CLASS AA CONCRETE		11.4 C.Y.

16" PRESTRESSED CONCRETE PILES NO. = 4 LIN. FT. = 280 16" PRESTRESSED CONCRETE PILES NO. = 5 LIN. FT. = 350

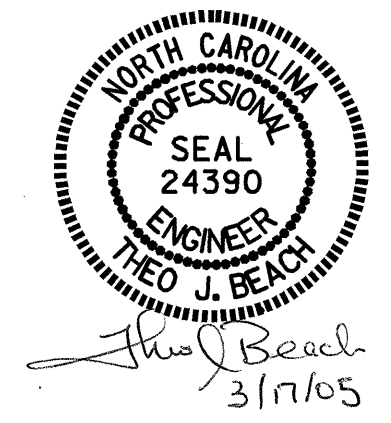
TOTAL QUANTITIES (END BENT No. 1)

ITEM	STAGE 1	STAGE 2	TOTAL
EPOXY COATED REINFORCING STEEL	1,226 LBS.	2,001 LBS.	3,227 LBS.
CLASS AA CONCRETE	8.1 C.Y.	11.4 C.Y.	19.5 C.Y.
16" PRESTRESSED CONCRETE PILES	NO. 4 LIN. FT. 280	NO. 5 LIN. FT. 350	NO. 9 LIN. FT. 630



SECTION A-A

DRAWN BY: S.B. WILLIAMS DATE: 11-03
CHECKED BY: MIKE BRITT DATE: 1-04



PROJECT NO. B-3349
HYDE COUNTY
STATION: 15+69.00 -L-
SHEET 4 OF 4

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE END BENT No. 1					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					TOTAL SHEETS 44