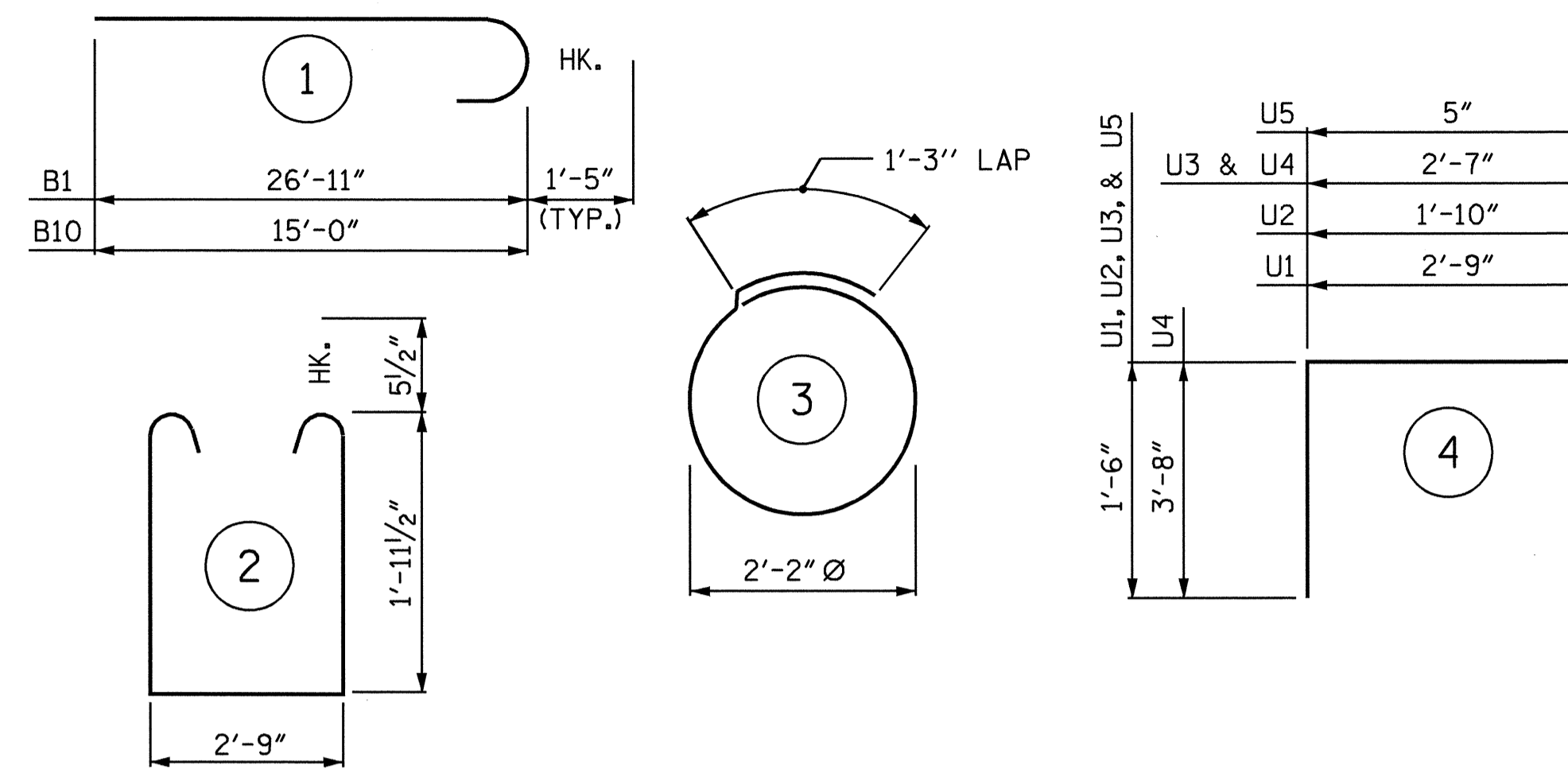


BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

BENT No. 1

STAGE 1

BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
B1	5	10	1	28'-4"	610
B2	4	5	STR	26'-0"	108
B3	4	4	STR	26'-0"	69
B4	5	4	STR	17'-0"	57
B5	4	10	STR	27'-0"	465
B6	8	4	STR	2'-9"	15
D1	32	6	STR	1'-6"	72
S1	24	5	2	7'-7"	190
S2	10	4	3	8'-1"	54
U1	11	4	4	5'-9"	42
U2	3	4	4	4'-10"	10
U3	2	4	4	5'-7"	7
U4	1	9	4	9'-11"	34
U5	4	4	4	3'-5"	9

EPOXY COATED REINFORCING STEEL 1,742 LBS.

CLASS AA CONCRETE BREAKDOWN
POUR #1 CAP 8.0 C.Y.
POUR #2 LATERAL GUIDE 0.1 C.Y.
TOTAL CLASS AA CONCRETE 8.1 C.Y.

16" PRESTRESSED CONCRETE PILES
No. = 5 LIN. FT. = 250.0

STAGE 2

BAR	No.	SIZE	TYPE	LENGTH	WEIGHT
B6	6	4	STR	2'-9"	11
B7	4	5	STR	15'-11"	66
B8	4	4	STR	15'-11"	43
B9	5	4	STR	7'-6"	25
B10	5	10	1	16'-5"	353
B11	4	10	STR	15'-0"	258
D1	20	6	STR	1'-6"	45
S1	15	5	2	7'-7"	119
S2	6	4	3	8'-1"	32
U1	5	4	4	5'-9"	19
U2	3	4	4	4'-10"	10
U3	2	4	4	5'-7"	7
U4	1	9	4	9'-11"	34
U5	4	4	4	3'-5"	9

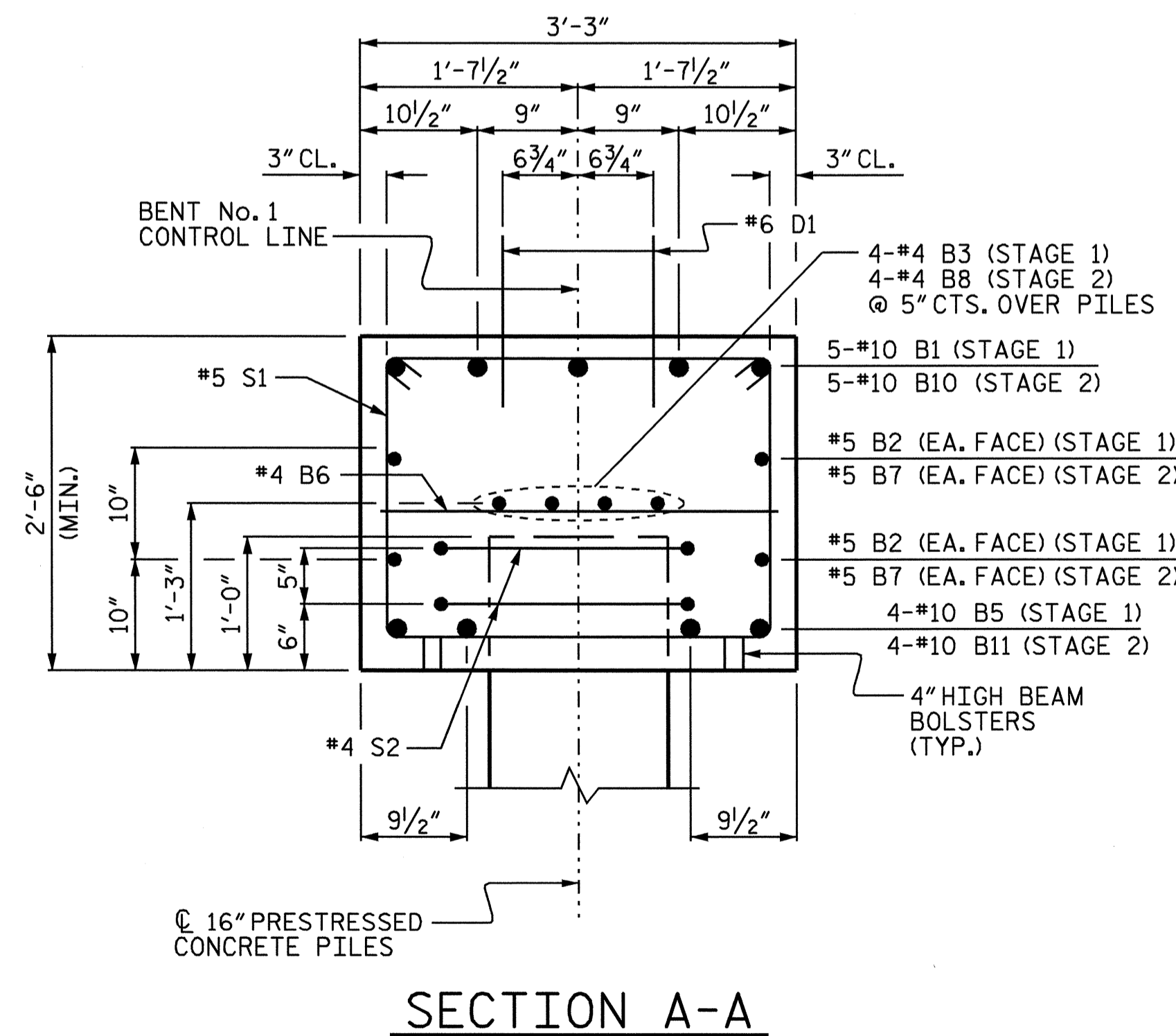
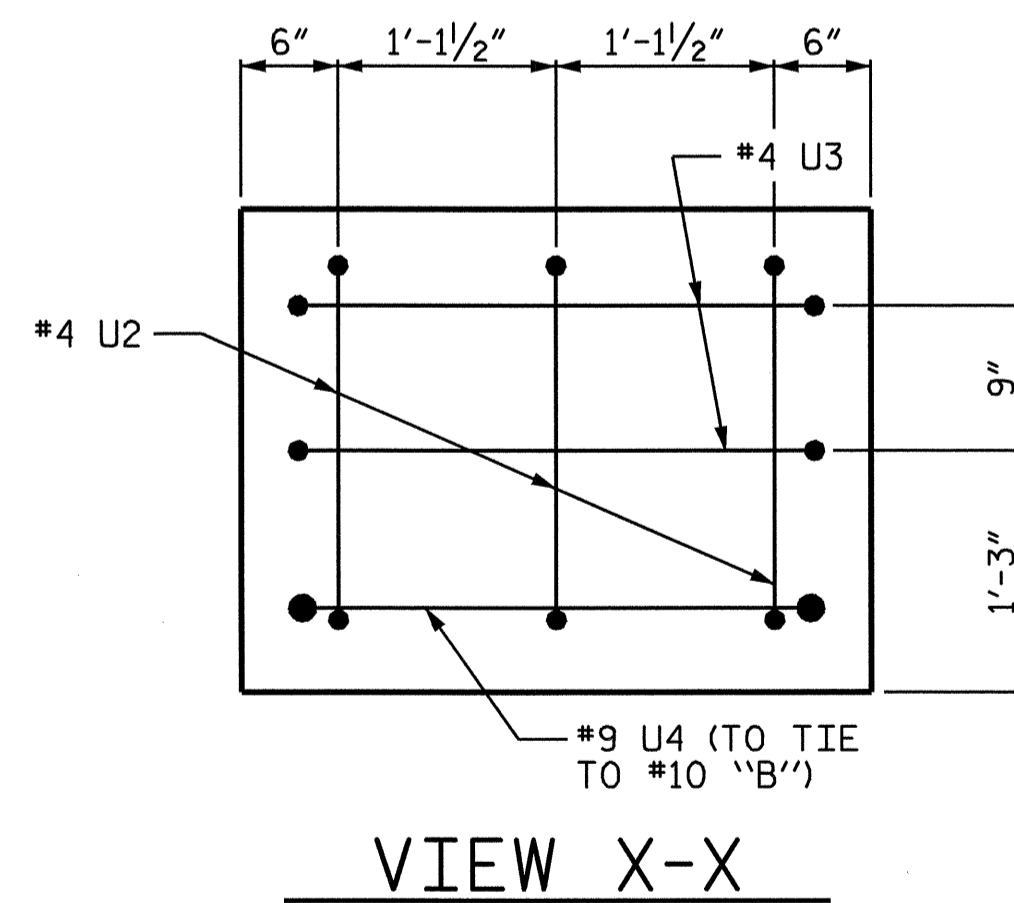
EPOXY COATED REINFORCING STEEL 1,031 LBS.

CLASS AA CONCRETE BREAKDOWN
POUR #1 CAP 5.1 C.Y.
POUR #2 LATERAL GUIDE 0.1 C.Y.
TOTAL CLASS AA CONCRETE 5.2 C.Y.

16" PRESTRESSED CONCRETE PILES
No. = 3 LIN. FT. = 150.0

TOTAL QUANTITIES (BENT No. 1)

ITEM	STAGE 1	STAGE 2	TOTAL
EPOXY COATED REINFORCING STEEL	1,742 LBS.	1,031 LBS.	2,773 LBS.
CLASS AA CONCRETE	8.1 C.Y.	5.2 C.Y.	13.3 C.Y.
16" PRESTRESSED CONCRETE PILES	No. 5 LIN. FT. 250.0	No. 3 LIN. FT. 150.0	No. 8 LIN. FT. 400.0

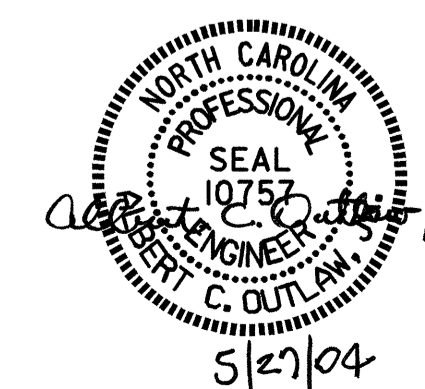


PROJECT NO. B-3348
HYDE COUNTY
STATION: 22+85.00 -L-

SHEET 3 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE
BENT No. 1



REVISIONS

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

SHEET NO.
S-56
TOTAL SHEETS
76

DRAWN BY: P.C. BREWER DATE: 3/8/04
CHECKED BY: M. BRITT DATE: 4/21/04