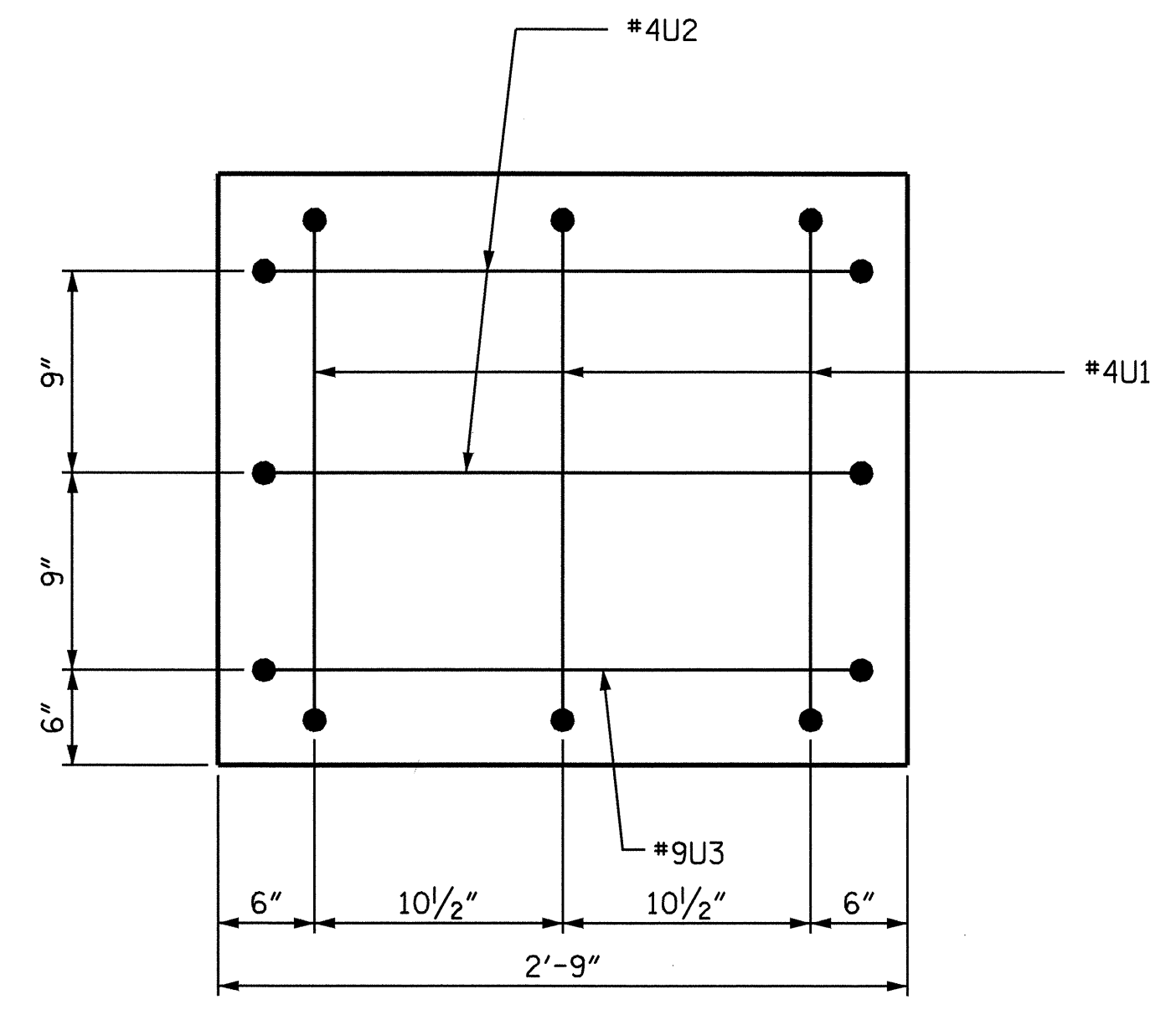
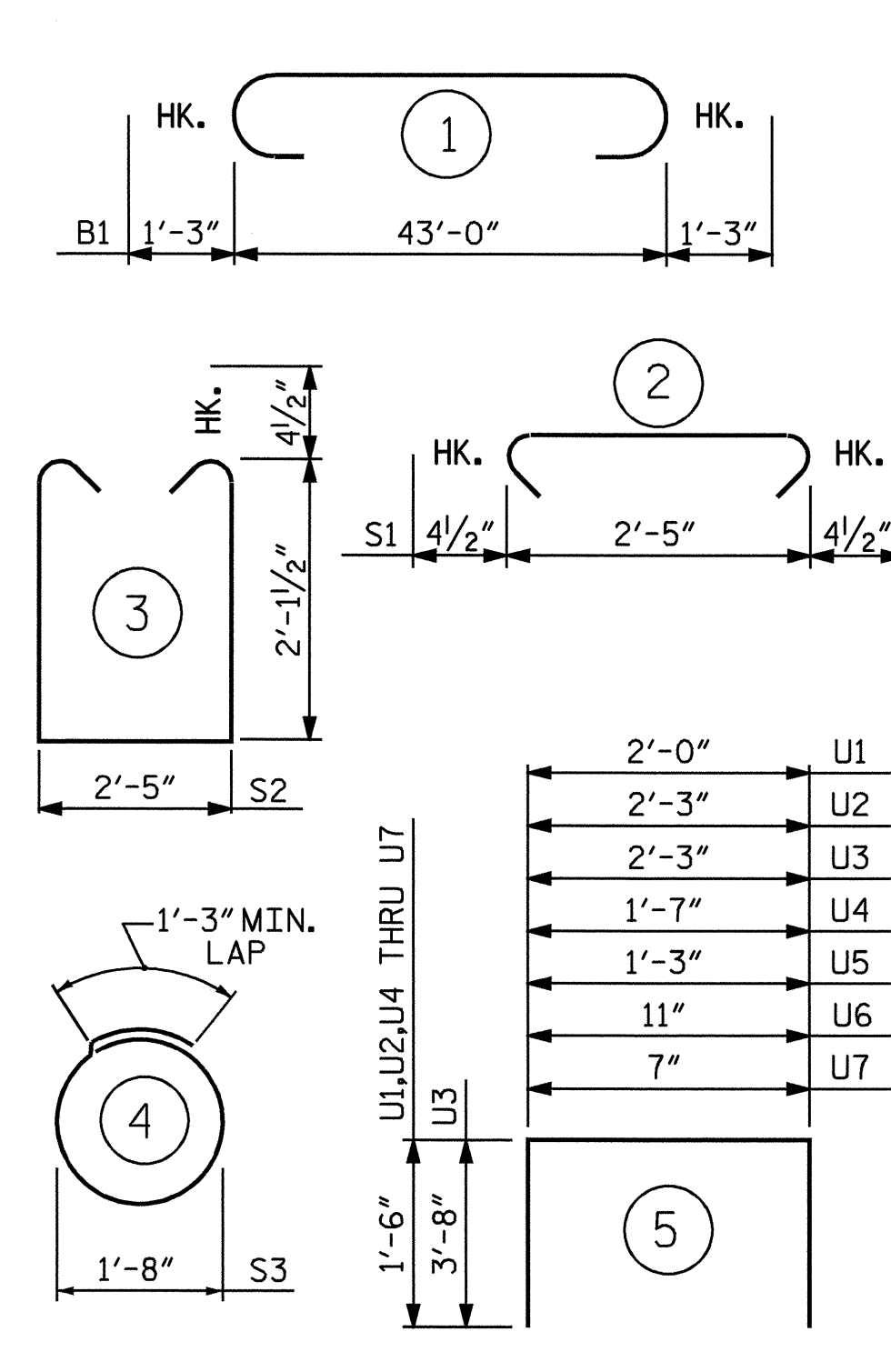


SECTION A-A



END VIEW

BAR TYPES



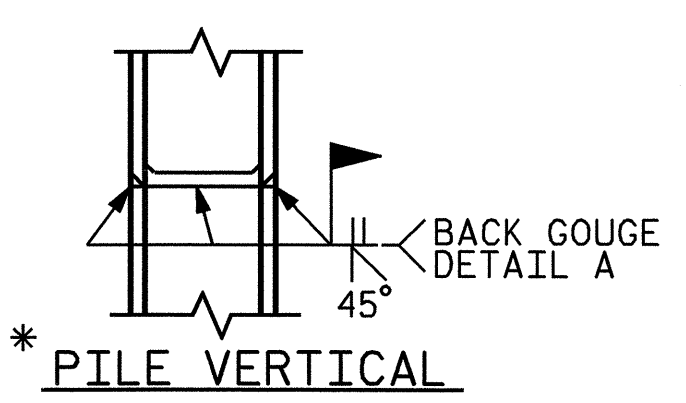
ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

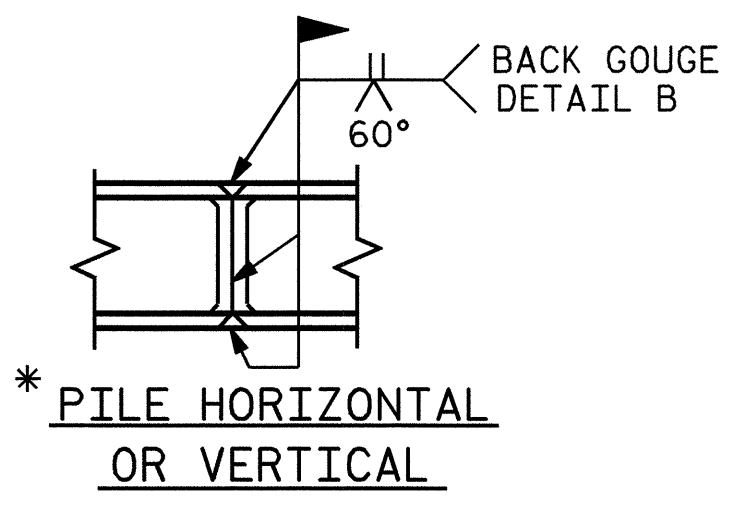
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
B1	8	#9		45'-6"	1238
B2	2	#5	STR	43'-2"	90
B3	8	#4	STR	22'-10"	122
B4	14	#4	STR	2'-5"	23
D1	48	#6	STR	1'-6"	108
S1	46	#4	2	3'-2"	97
S2	46	#4	3	7'-5"	228
S3	16	#4	4	6'-6"	69
U1	6	#4	5	5'-0"	20
U2	4	#4	5	5'-3"	14
U3	2	#9	5	9'-7"	65
U4	2	#4	5	4'-7"	6
U5	2	#4	5	4'-3"	6
U6	2	#4	5	3'-11"	5
U7	2	#4	5	3'-7"	5

REINFORCING STEEL = 2096 LBS

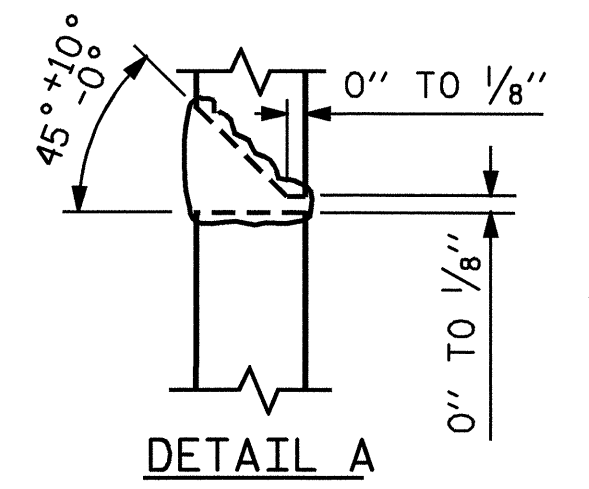
CLASS A CONCRETE			
POUR #1 CAP	CU. YDS.	11.2	
POUR #2 LATERAL GUIDE	CU. YDS.	0.2	
TOTAL	CU. YDS.	11.4	
HP 12 X 53 STEEL PILES NO. 8	LIN. FT.	640	



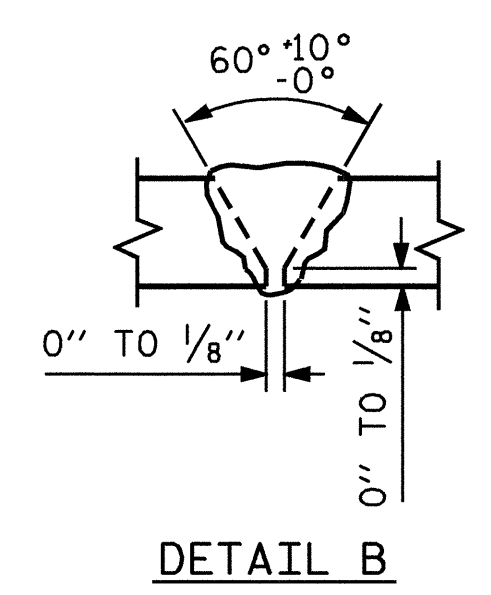
* PILE VERTICAL



* PILE HORIZONTAL OR VERTICAL



* POSITION OF PILE DURING WELDING.



DETAIL B

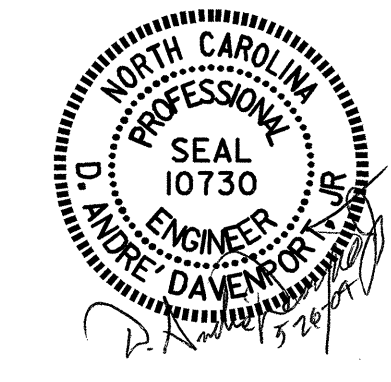
PILE SPLICE DETAILS

PROJECT NO. B-4134
HALIFAX COUNTY
 STATION: 14+23.00 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE BENT #2



DRAWN BY: M. G. SHAIKH DATE: 4-19-04
 CHECKED BY: G. M. PATTERSON DATE: 4-22-04

REVISIONS						SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:	S-15	
1			3			TOTAL SHEETS	23
2			4				