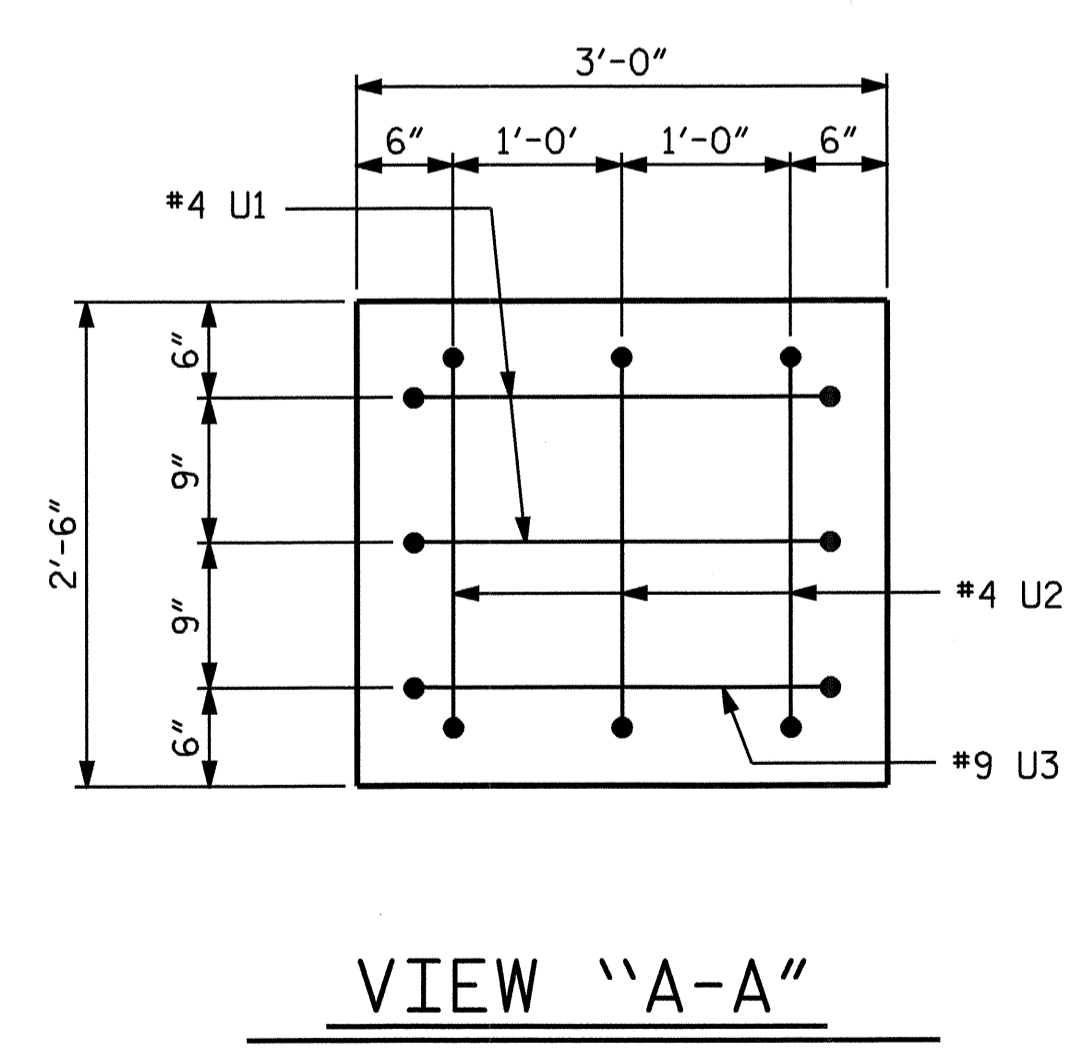
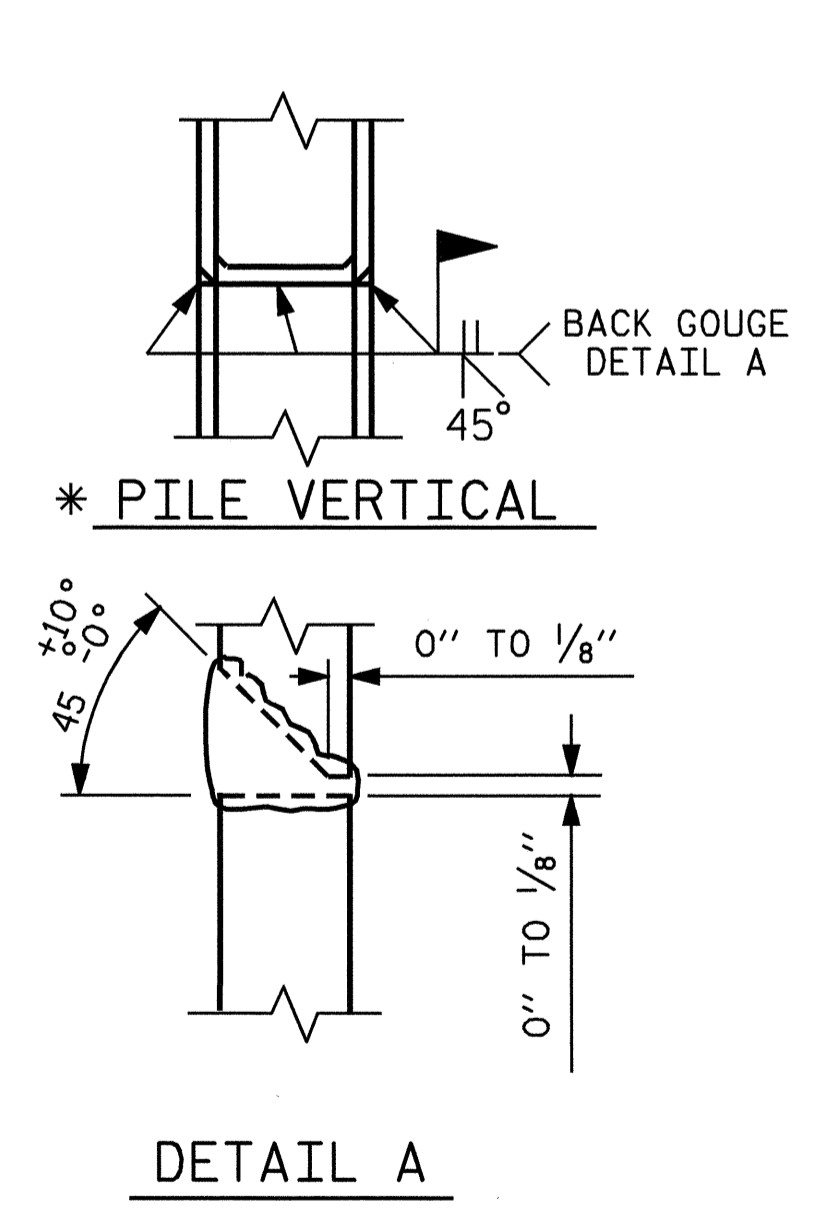


SECTION "X-X"

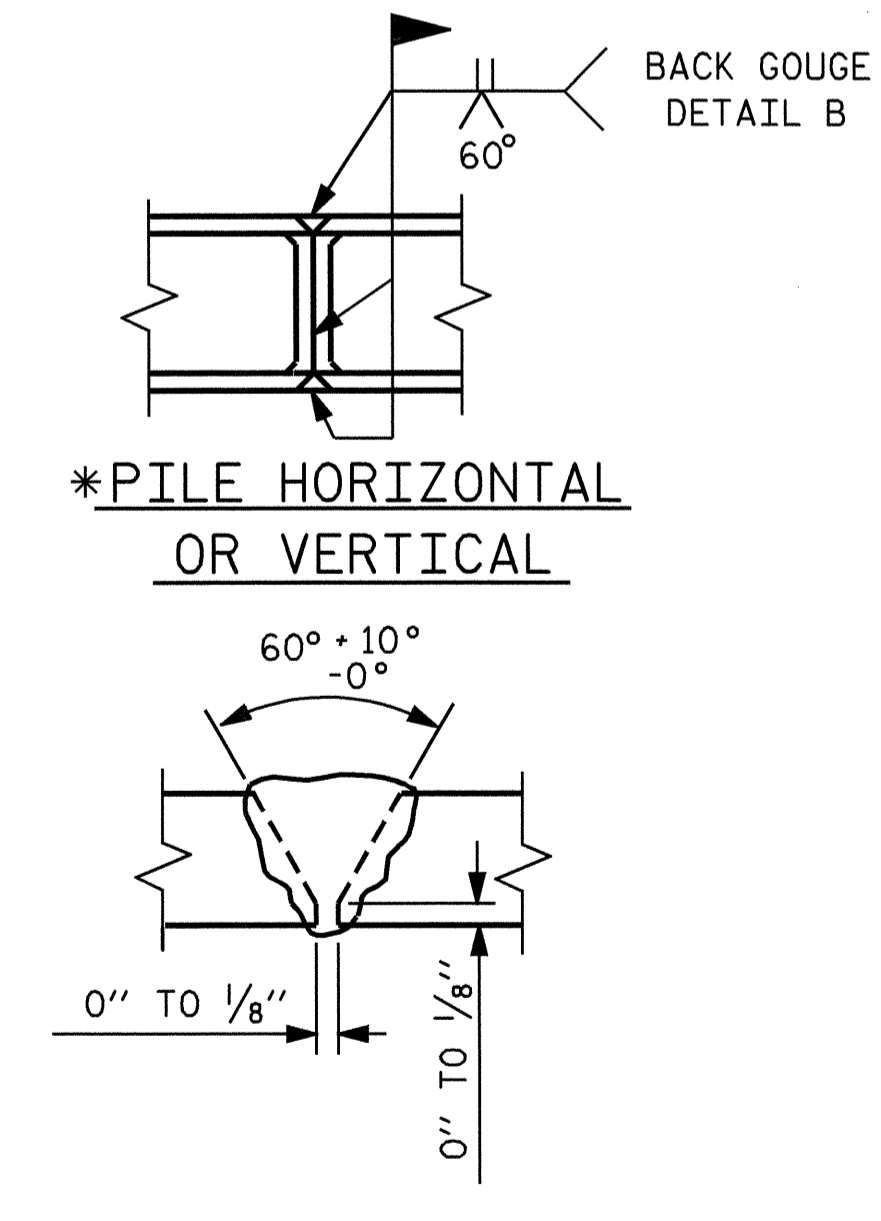
BAR TYPES					BILL OF MATERIAL	
 					BENT #1	
					BAR NO.	SIZE
B1	8	#10	1	43'-11"	1512	
B2	2	#6	STR	41'-3"	124	
B3	8	#4	STR	21'-10"	117	
B4	15	#4	STR	2'-8"	27	
D1	52	#6	STR	1'-6"	117	
S1	40	#4	2	7'-8"	205	
S2	20	#4	4	7'-7"	101	
U1	4	#4	3	5'-6"	15	
U2	6	#4	3	5'-0"	20	
U3	2	#9	3	9'-10"	67	
U4	8	#4	3	3'-6"	19	
REINFORCING STEEL					= 2324 LBS	
CLASS A CONCRETE BREAKDOWN						
POUR #1 (CAP)					= 11.6 C.Y.	
POUR #2 (LATERAL GUIDE)					= 0.1 C.Y.	
CLASS A CONCRETE TOTAL					= 11.7 C.Y.	
HP 14 x 73 STEEL PILES						
No. 10 TOTAL LIN FT. = 400						
GALVANIZING STEEL PILES					LUMP SUM	



VIEW "A-A"



DETAIL A



DETAIL B

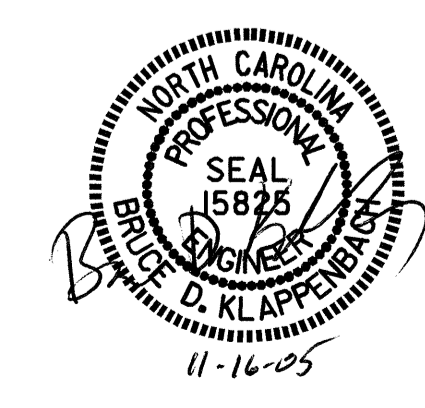
* POSITION OF PILE DURING WELDING.

PILE SPLICE DETAILS

PROJECT NO. B-3847
GUILFORD COUNTY
 STATION: 14+60.00 -L-

SHEET 2 OF 2

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
SUBSTRUCTURE BENT #1					
REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					SHEET NO. S-17
					TOTAL SHEETS 23



DRAWN BY : M. G. SHAIKH DATE : 08/25/05
 CHECKED BY : D. A. GLADDEN DATE : 09/21/05