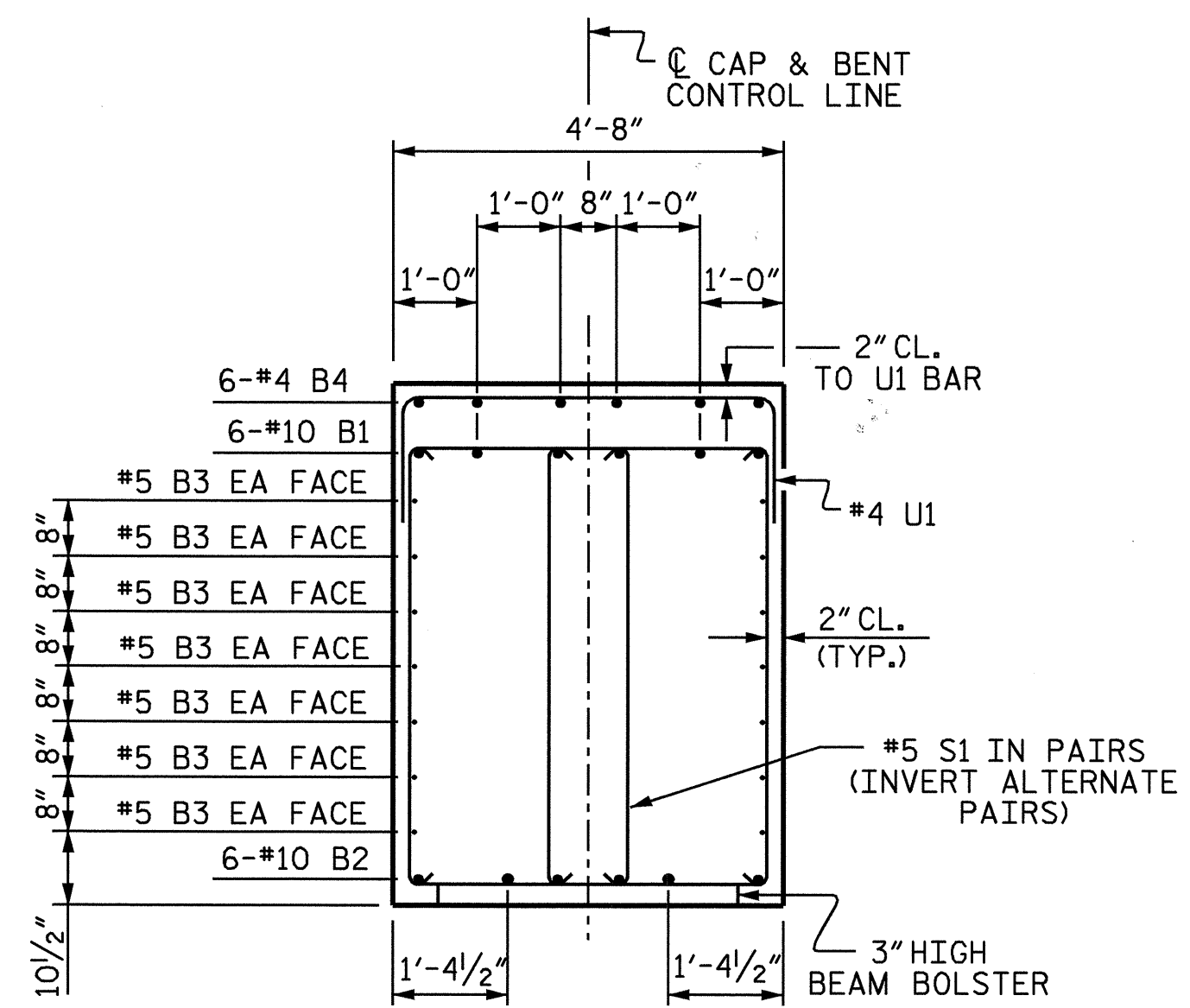
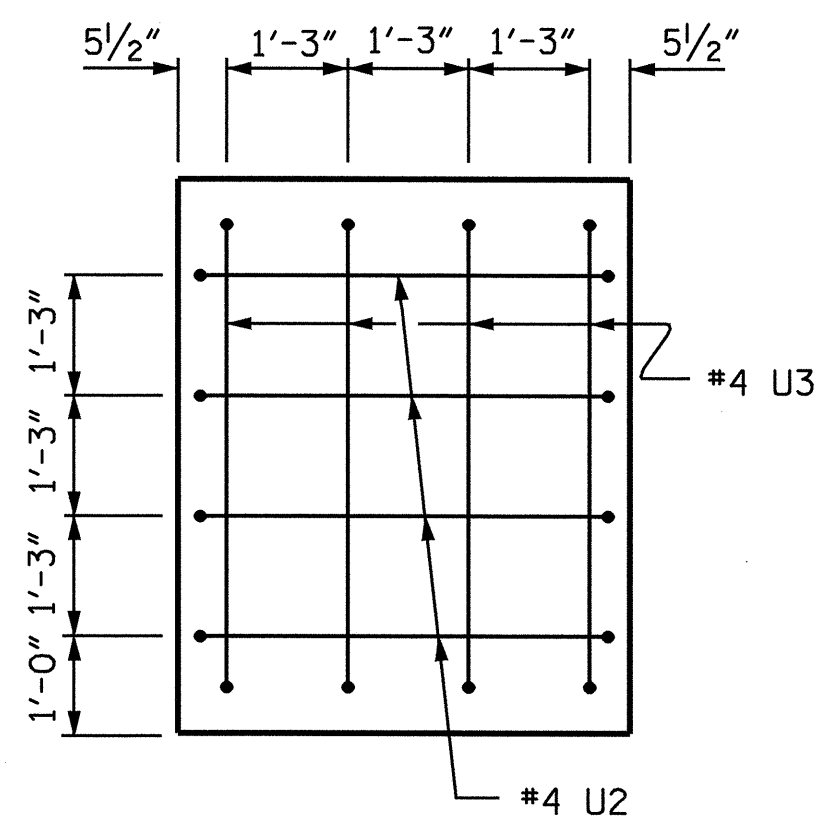


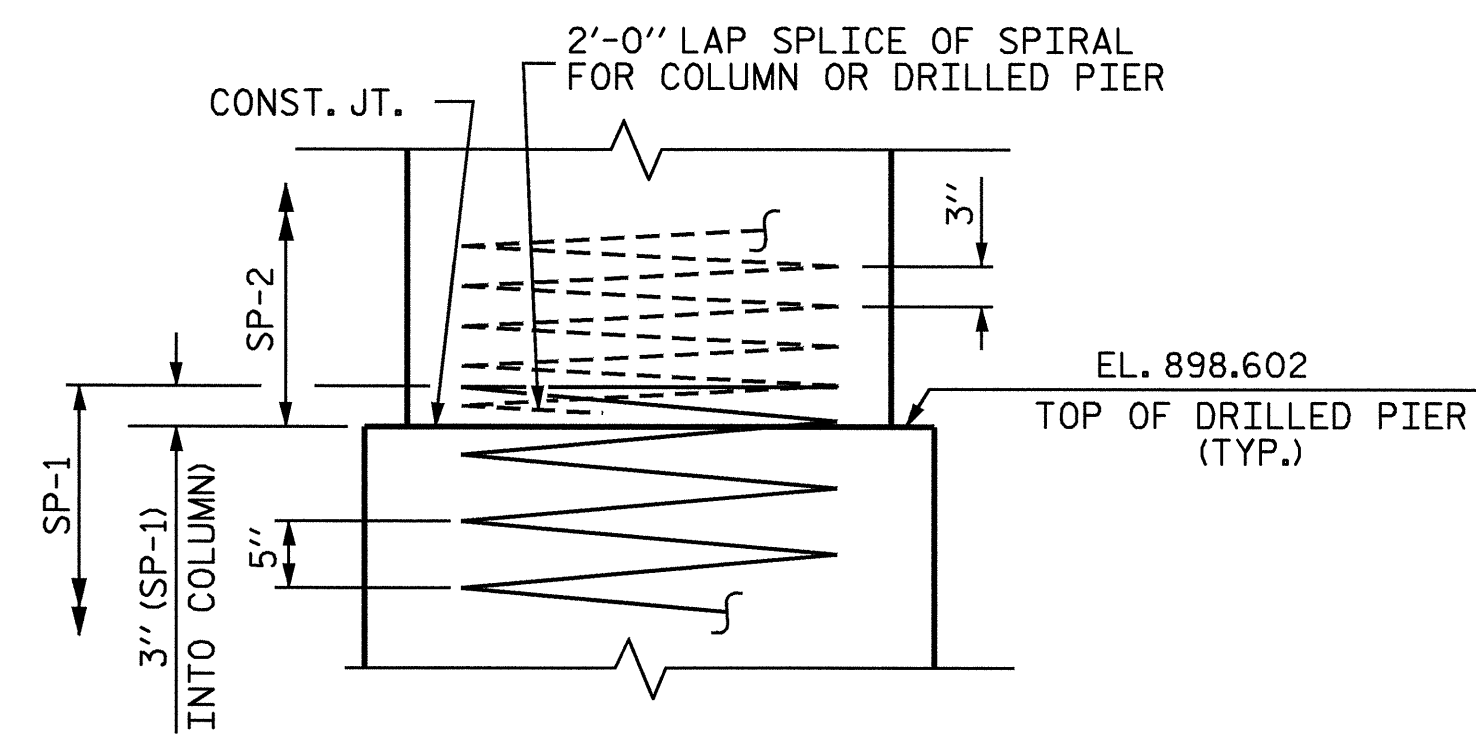
SECTION A-A



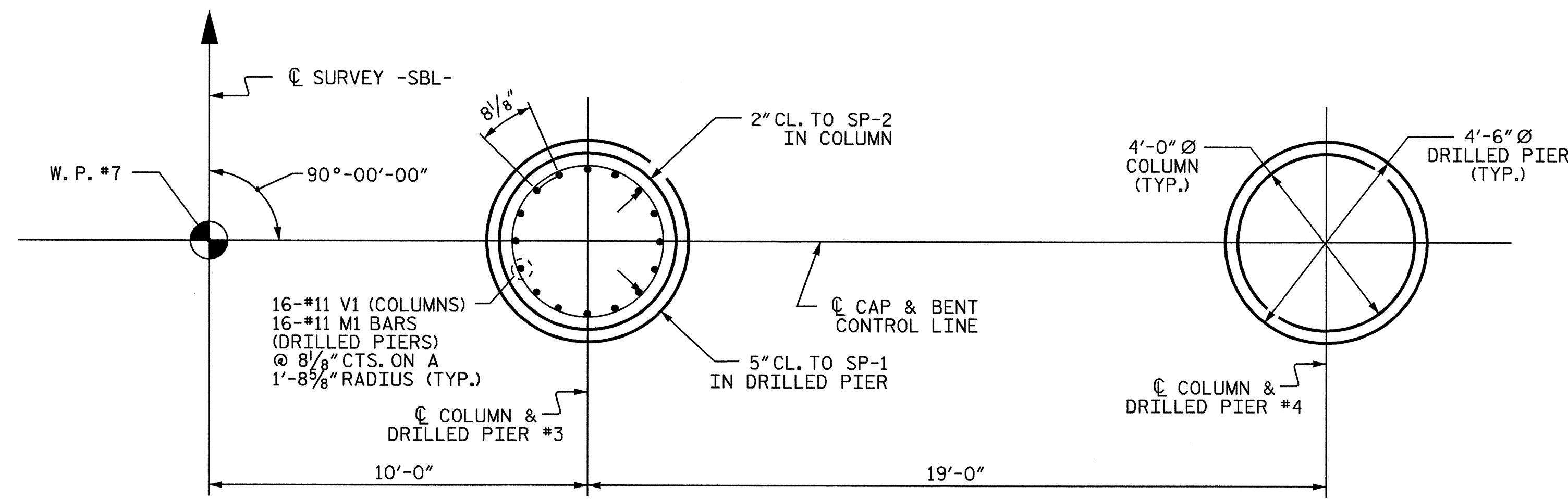
SECTION B-B



RIGHT END VIEW



CONSTRUCTION JOINT DETAIL



PLAN OF COLUMNS AND DRILLED PIERS

DIMENSIONS AND REINFORCING STEEL SHOWN ARE TYPICAL FOR EACH DRILLED PIER

BAR TYPES					BILL OF MATERIAL				
BENT 6 STAGE II									
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT				
B1	6	#10		40'-2"	1037				
B2	6	#10	STR	38'-10"	1003				
B3	14	#5	STR	38'-10"	567				
B4	6	#4	STR	22'-10"	92				
M1	32	#11	STR	56'-8"	9634				
S1	50	#5	2	14'-4"	747				
U1	38	#4	3	7'-4"	186				
U2	4	#4	3	7'-1"	19				
U3	4	#4	3	7'-11"	21				
V1	32	#11	1	17'-2"	2919				
REINFORCING STEEL					LBS.	16225			
SP-1	2	**	5	1295'-5"	2702				
SP-2	2	***	4	660'-9"	883				
TOTAL SPIRAL COLUMN REINFORCING STEEL					LBS.	3585			
CLASS 'A' CONCRETE BREAKDOWN									
POUR #2 (COLUMNS)					CU.YD.	12.6			
POUR #3 (CAP)					CU.YD.	40.8			
TOTAL CONCRETE					CU.YD.	53.4			
DRILLED PIER QUANTITIES									
DRILLED PIER CONCRETE									
POUR #1 (DRILLED PIERS)					CU.YD.	51.1			
4'-6" Ø DRILLED PIER NOT IN SOIL					LIN. FT.	19.50			
4'-6" Ø DRILLED PIER IN SOIL					LIN. FT.	74.00			
CSL TUBES					LIN. FT.	394.00			

* THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR.

** THE SP-2 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR.

PROJECT NO. I-4025A
YADKIN-SURRY COUNTY
 STATION: 28+95.00-SBL-

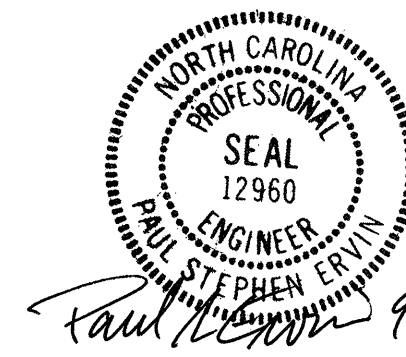
SHEET 2 OF 2

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH

SUBSTRUCTURE

BENT 6
 STAGE II

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



DRAWN BY: B.N.BARODAWALA DATE: 7-12-04
 CHECKED BY: P.S.ERVIN DATE: 8-17-04

18-AUG-2004 07:34
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