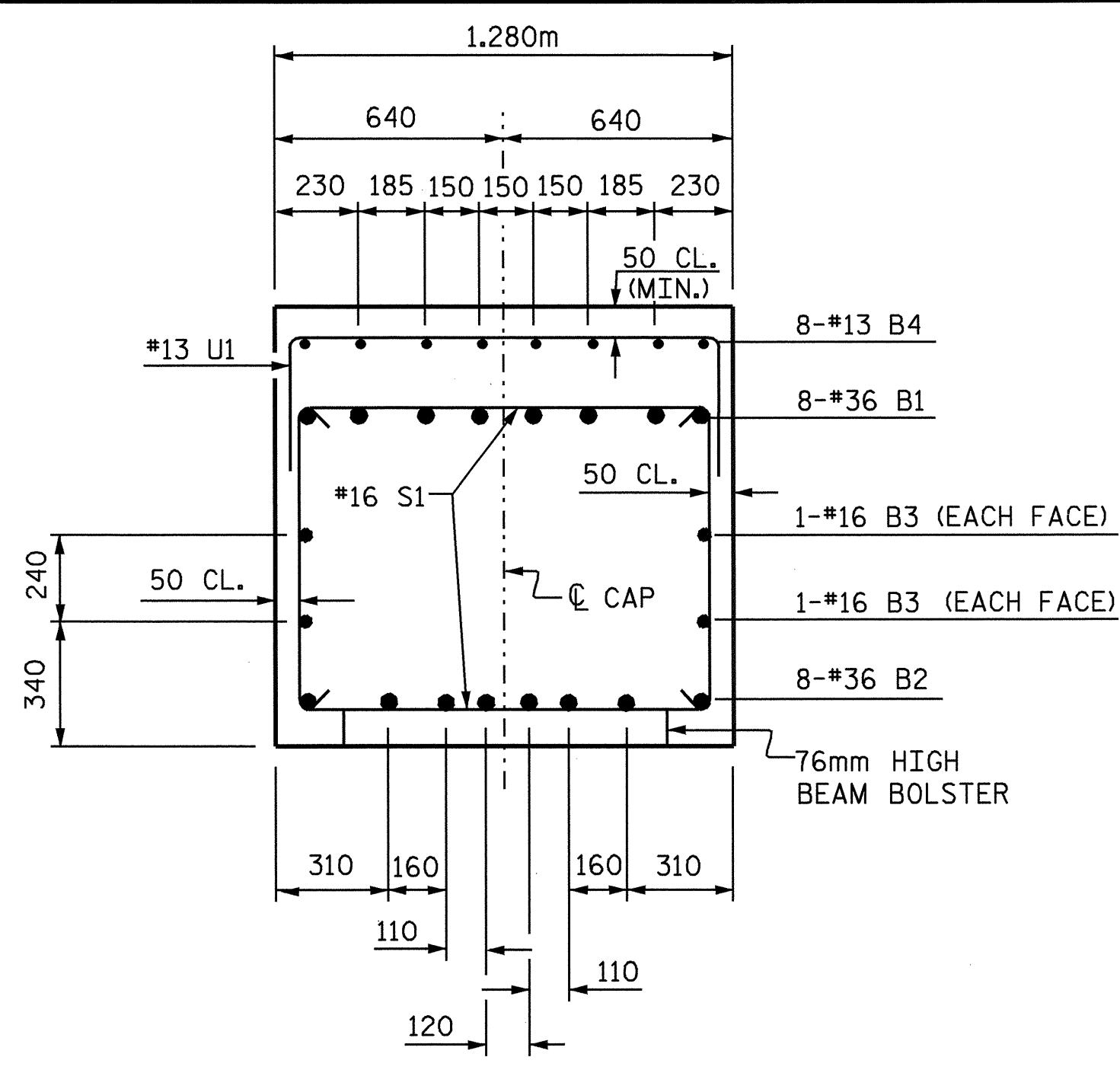
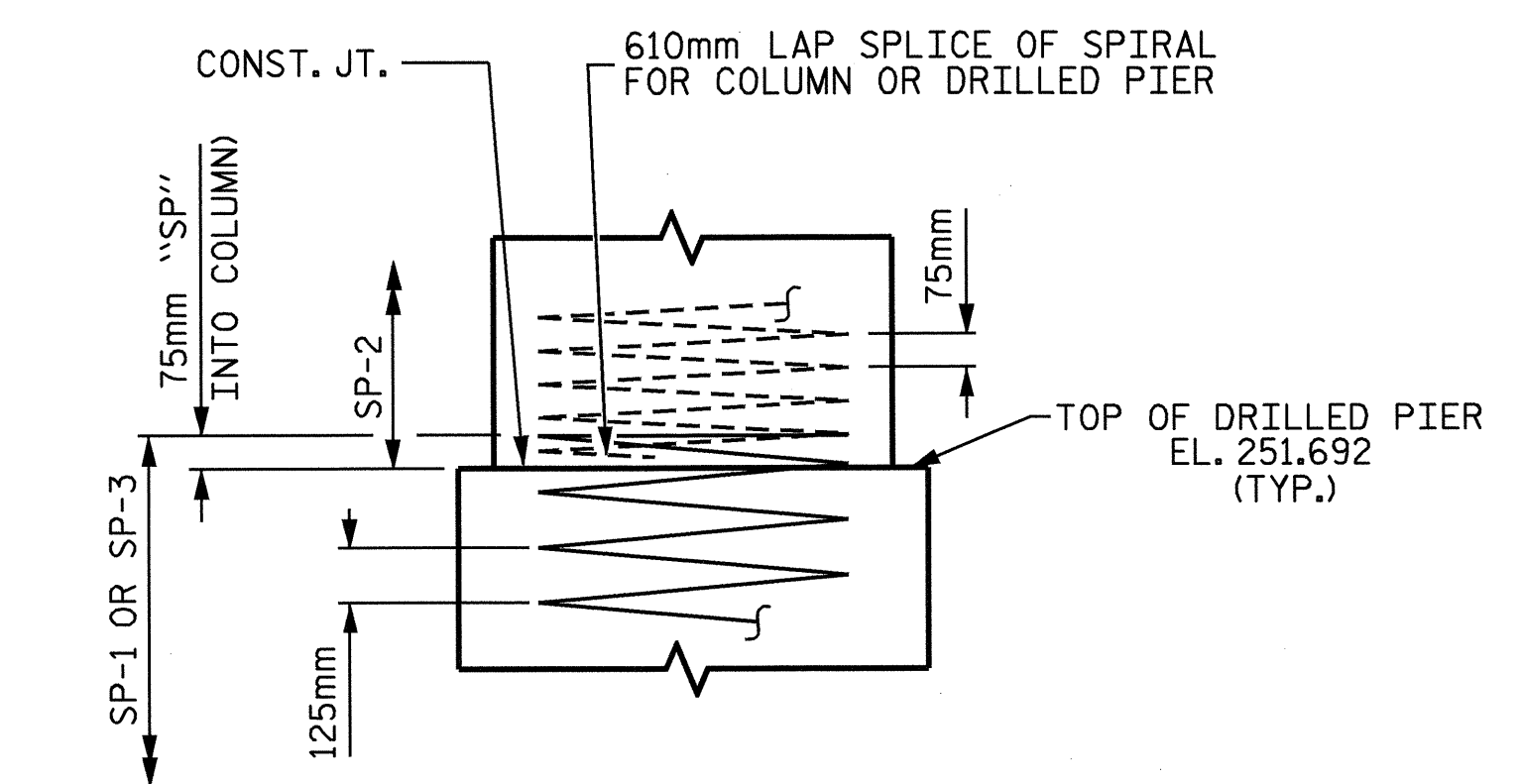


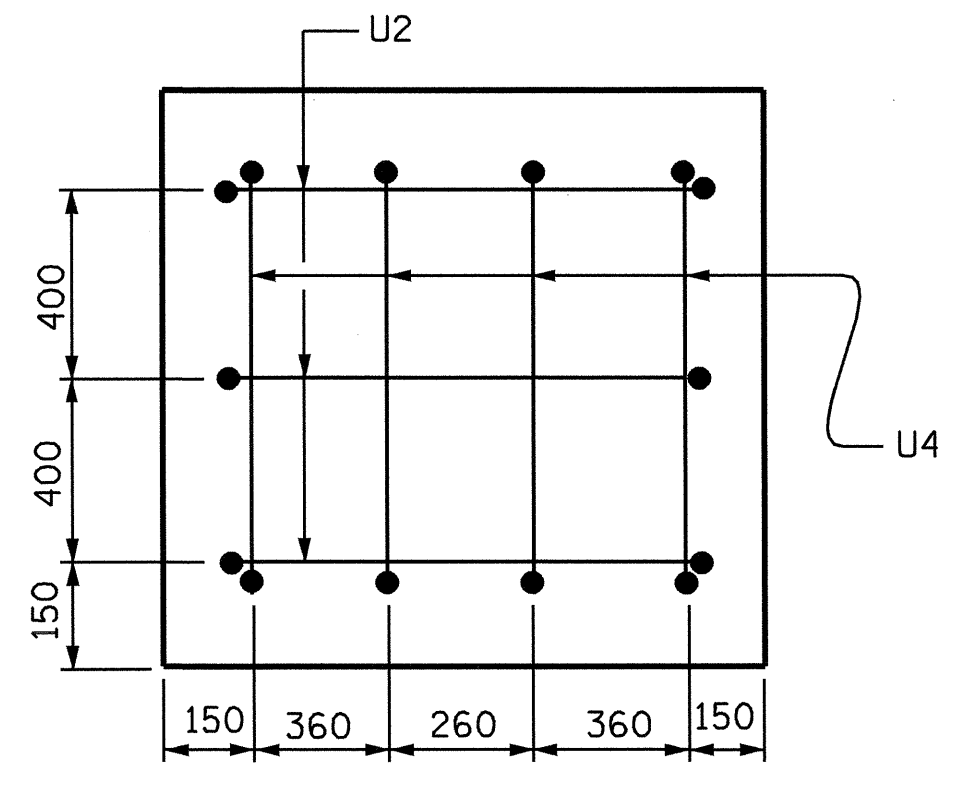
SECTION A-A



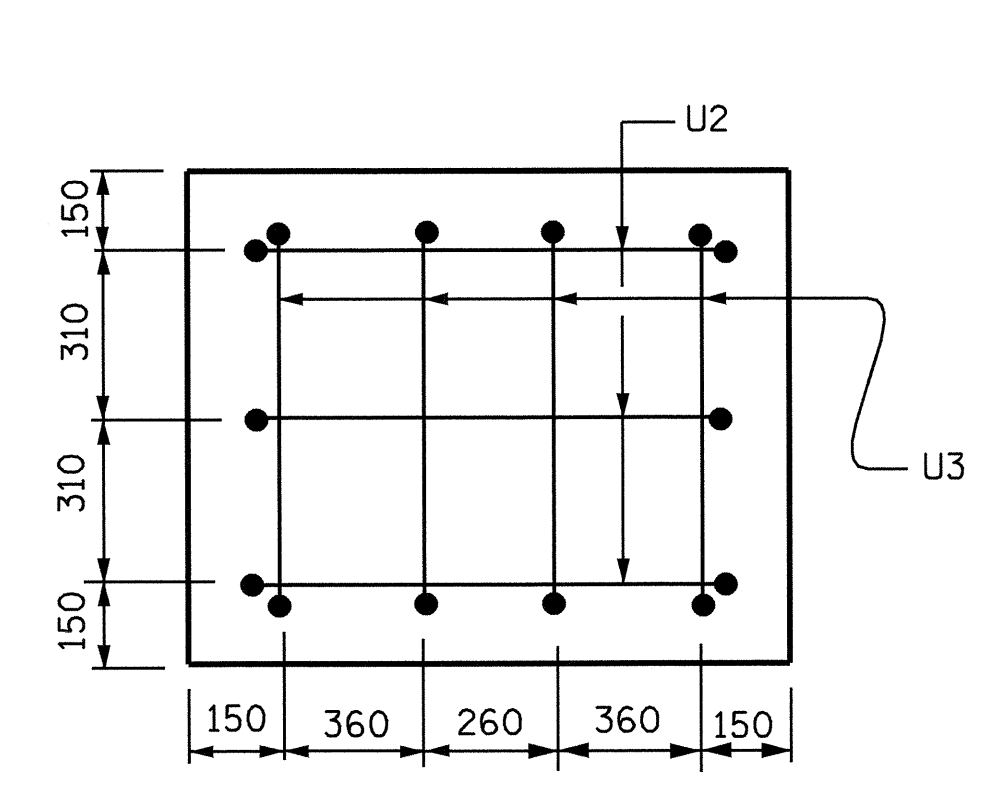
SECTION B-B



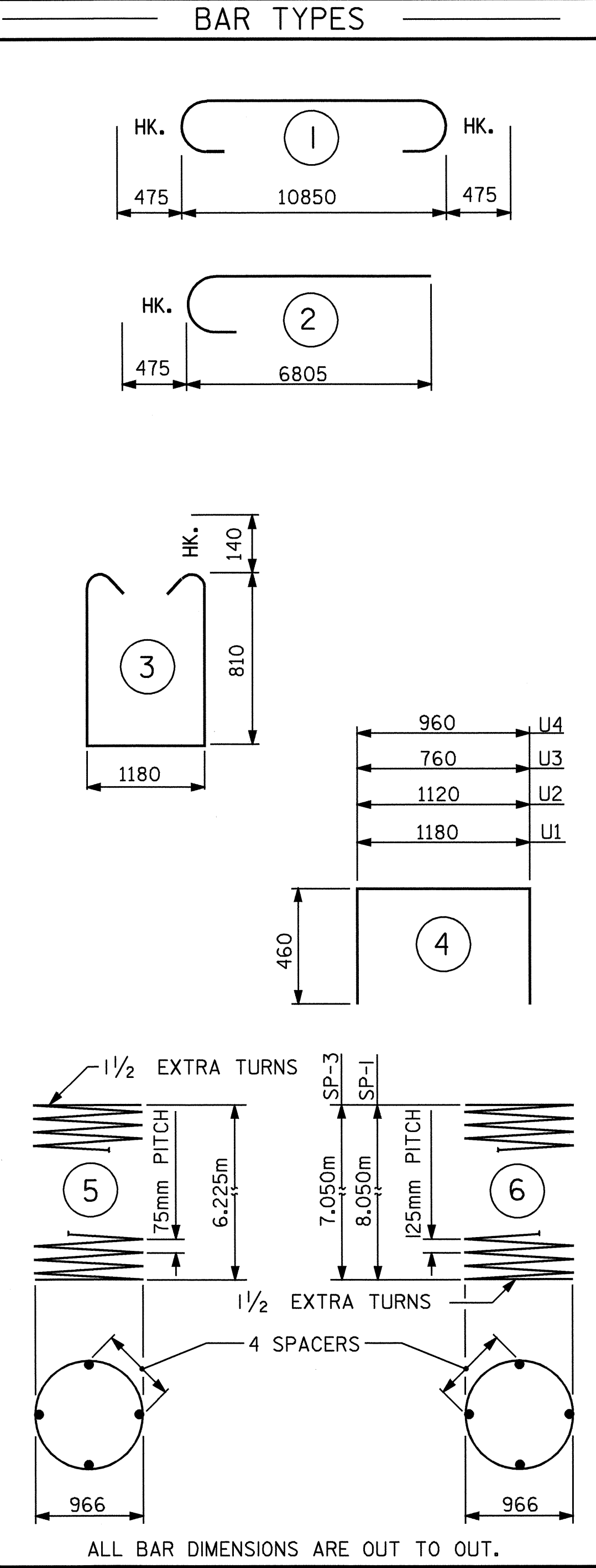
CONSTRUCTION JOINT DETAIL



LEFT END VIEW

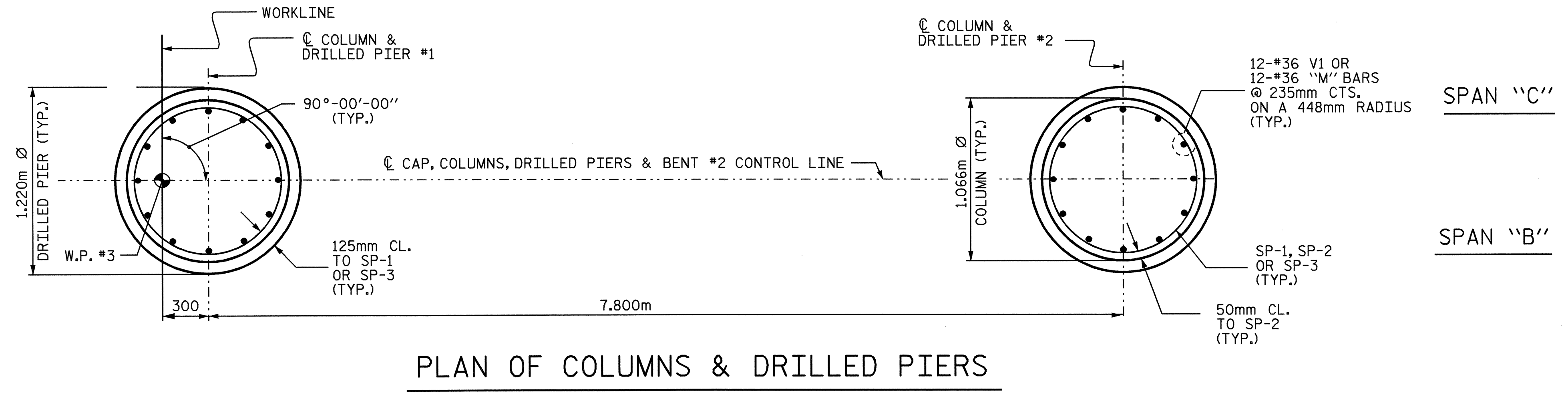


RIGHT END VIEW



ALL BAR DIMENSIONS ARE OUT TO OUT.

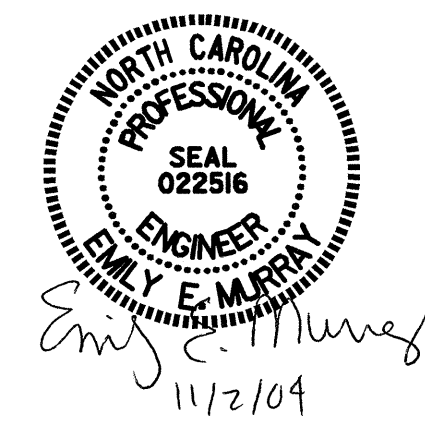
BILL OF MATERIAL					
BENT #2					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	8	36	1	11800	746
B2	8	36	STR	10900	689
B3	4	16	STR	10900	68
B4	8	13	STR	4280	34
M1	12	36	STR	11320	1074
M2	12	36	STR	10320	979
S1	59	16	3	3080	282
U1	32	13	4	2100	67
U2	6	13	4	2040	12
U3	4	13	4	1680	7
U4	4	13	4	1880	7
V1	24	36	2	7280	1382
REINFORCING STEEL				KG	5347
SP-1	1	*	6	197780	307
SP-2	2	**	5	254580	506
SP-3	1	*	6	173800	270
SPIRAL COLUMN REINF. STEEL				KG	1083
CLASS "A" CONCRETE					
POUR #2 COLUMNS				m ³	11.0
POUR #3 CAP				m ³	14.0
TOTAL CLASS "A" CONCRETE				m ³	25.0
DRILLED PIER CONCRETE					
POUR #1 DRILLED PIERS				m ³	18.0
1.220m Ø DRILLED PIERS IN SOIL					9.4m
1.220m Ø DRILLED PIERS NOT IN SOIL					6.0m
PERMANENT STEEL CASING FOR 1.220m Ø DRILLED PIER					8.4m
CSL TUBES					68.4m
** THE SP-2 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #13 PLAIN OR DEFORMED BAR.					
* THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #16 PLAIN OR DEFORMED BAR.					



PLAN OF COLUMNS & DRILLED PIERS

PROJECT NO. R-2206C
 LINCOLN-CATAWBA COUNTY
 STATION: 223+03.850 -L-

SHEET 2 OF 2
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 SUBSTRUCTURE
 BENT #2
 RIGHT LANE



DRAWN BY: C. MILLER DATE: 02-04
 CHECKED BY: T. AVERETTE DATE: 05-04

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	
1			3			5-187
2			4			TOTAL SHEETS 374