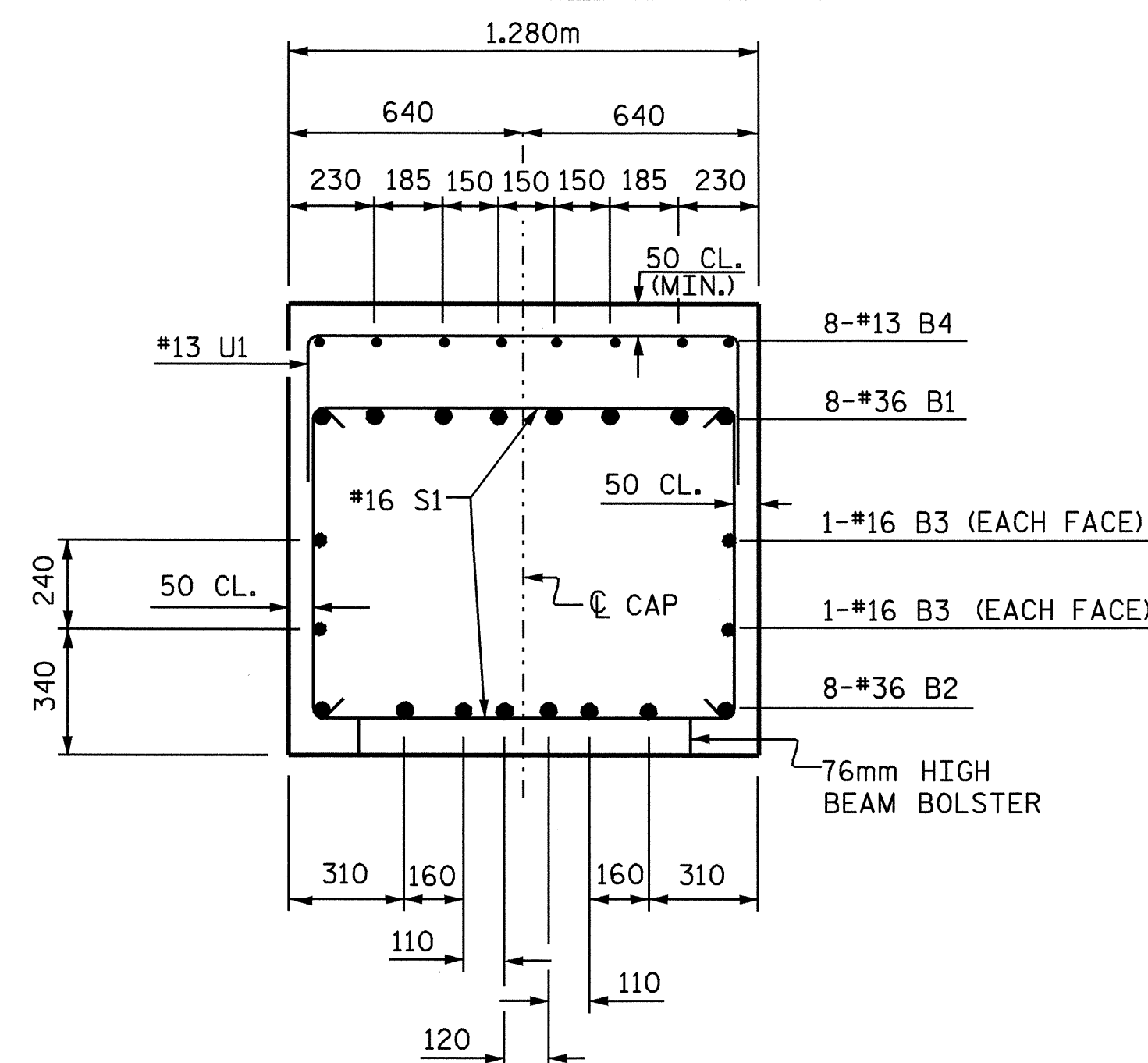
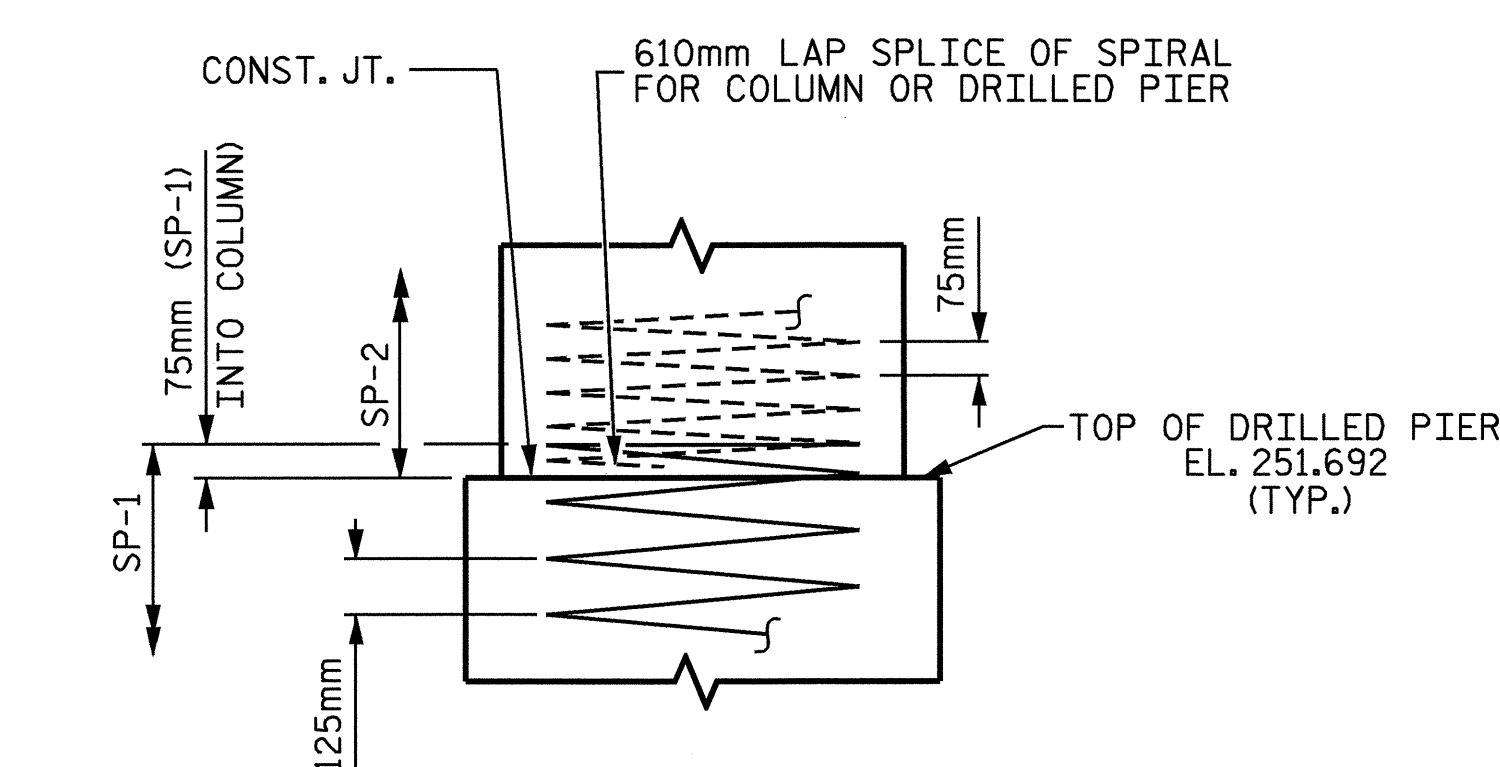


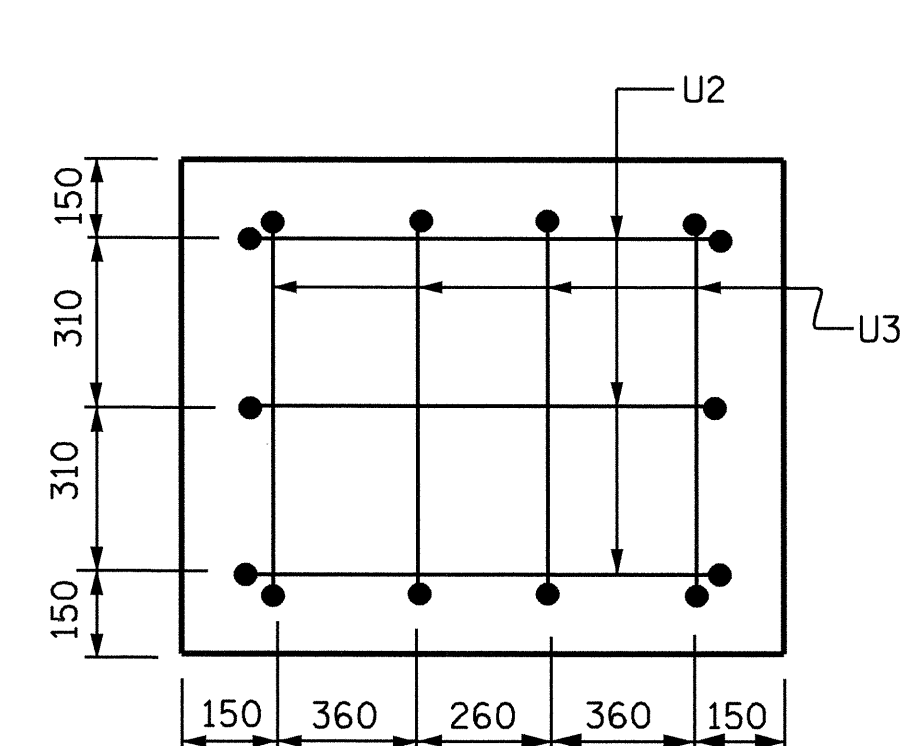
SECTION A-A



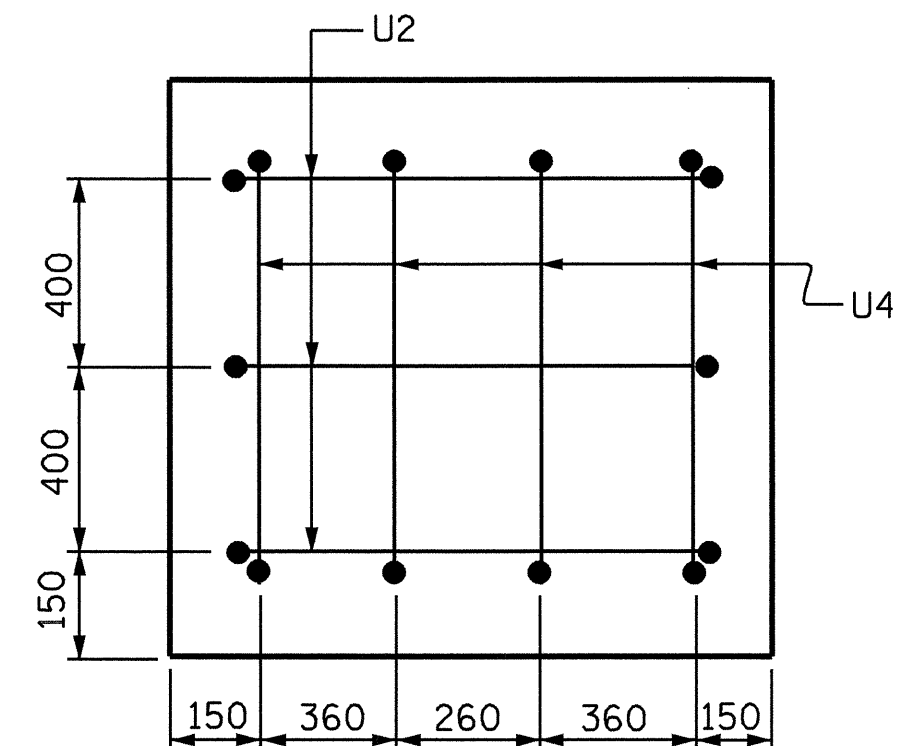
SECTION B-B



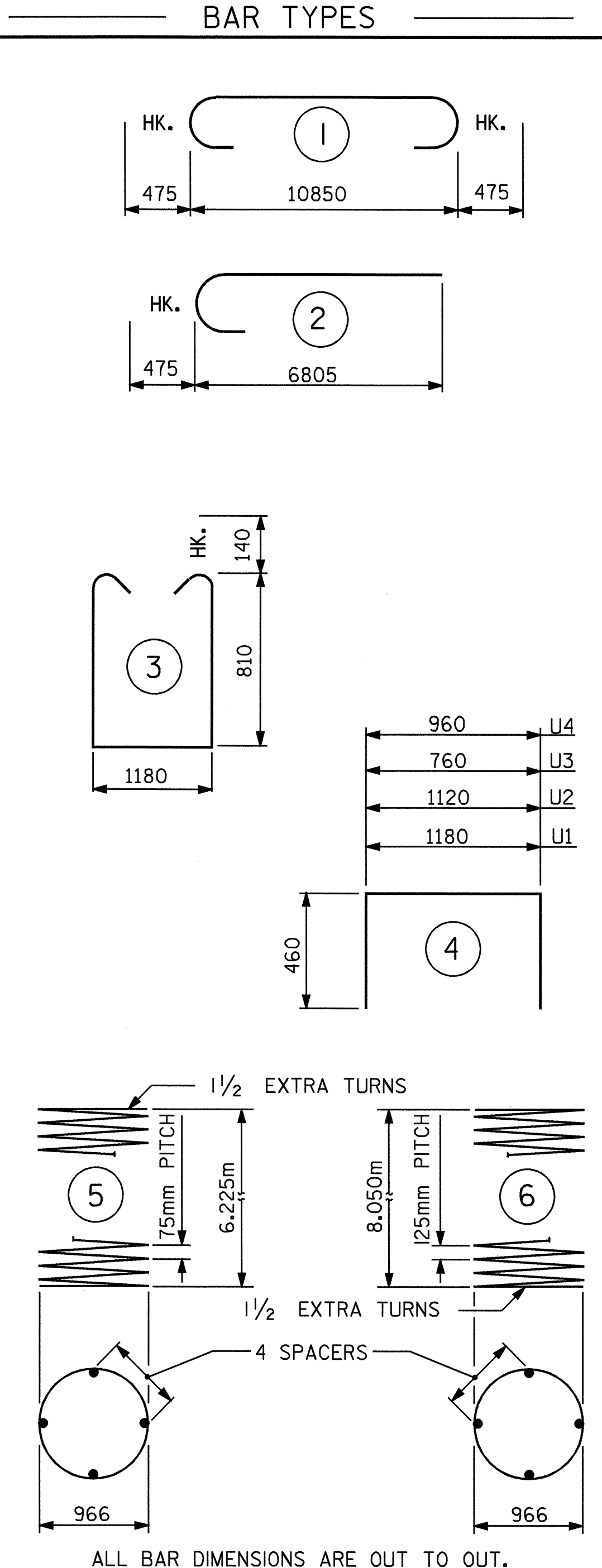
CONSTRUCTION JOINT DETAIL



LEFT END VIEW



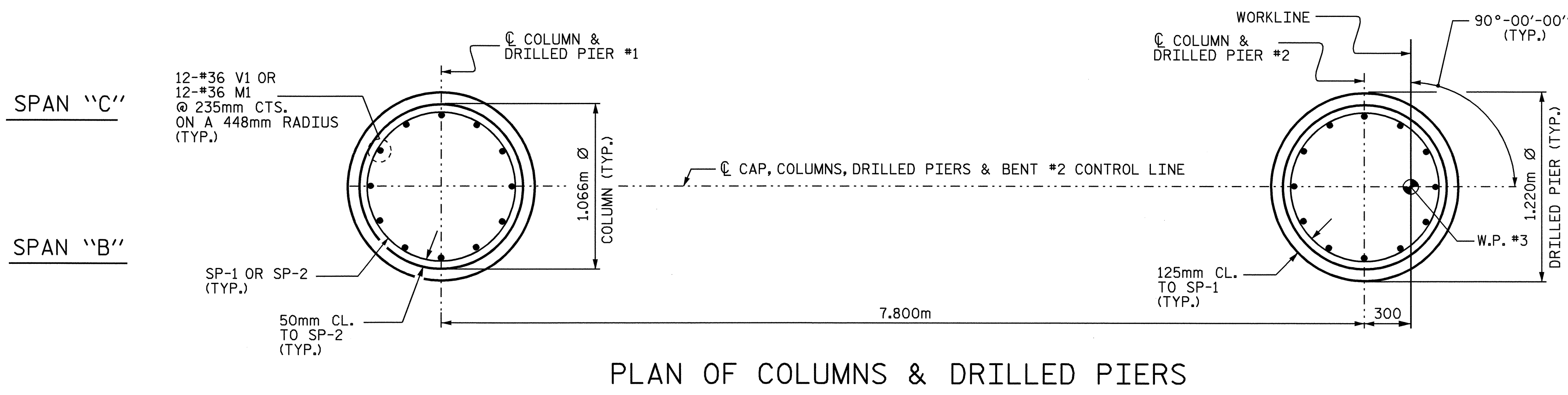
RIGHT END VIEW



ALL BAR DIMENSIONS ARE OUT TO OUT.

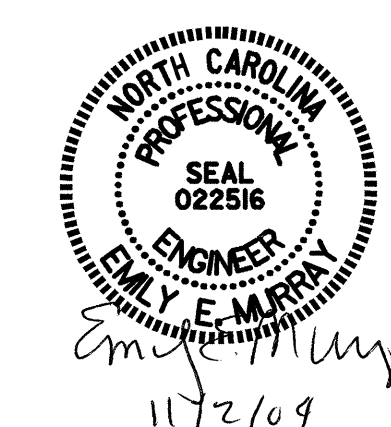
BILL OF MATERIAL					
BENT #2					
BAR NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	8	36	1	11800	746
B2	8	36	STR	10900	689
B3	4	16	STR	10900	68
B4	8	13	STR	4280	34
M1	24	36	STR	11320	2148
S1	59	16	3	3080	282
U1	32	13	4	2100	67
U2	6	13	4	2040	12
U3	4	13	4	1680	7
U4	4	13	4	1880	7
V1	24	36	2	7280	1382
REINFORCING STEEL				KG	5442
SP-1	2	*	6	197780	614
SP-2	2	**	5	254580	506
SPIRAL COLUMN REINF. STEEL				KG	1120
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	19.2
1.220m Ø DRILLED PIERS IN SOIL					9.1m
1.220m Ø DRILLED PIERS NOT IN SOIL					7.3m
PERMANENT STEEL CASING FOR 1.220m Ø DRILLED PIER					8.4m
CSL TUBES					72.4m

** 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

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



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
LEFT LANE

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	TOTAL SHEETS
1			3			5-153
2			4			374