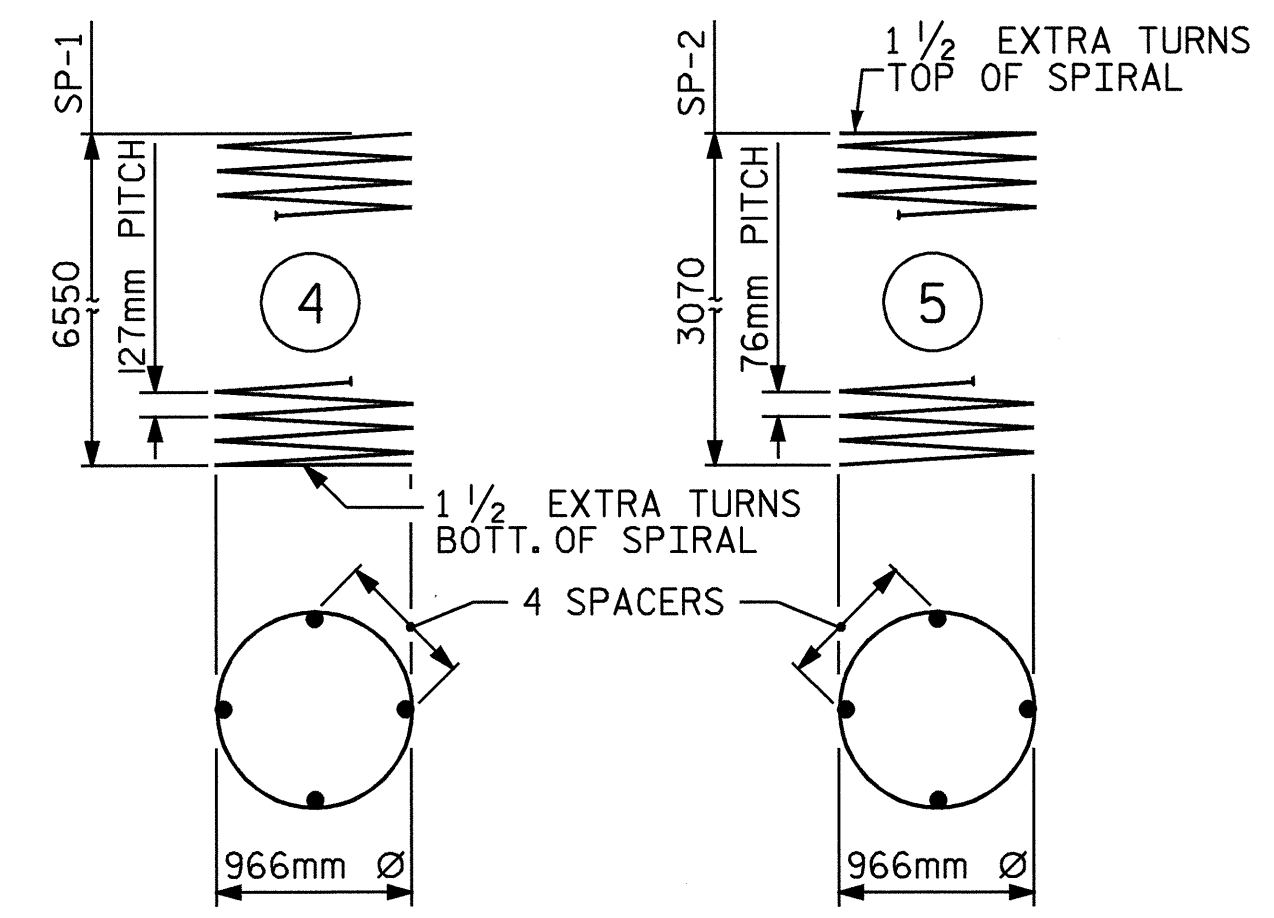
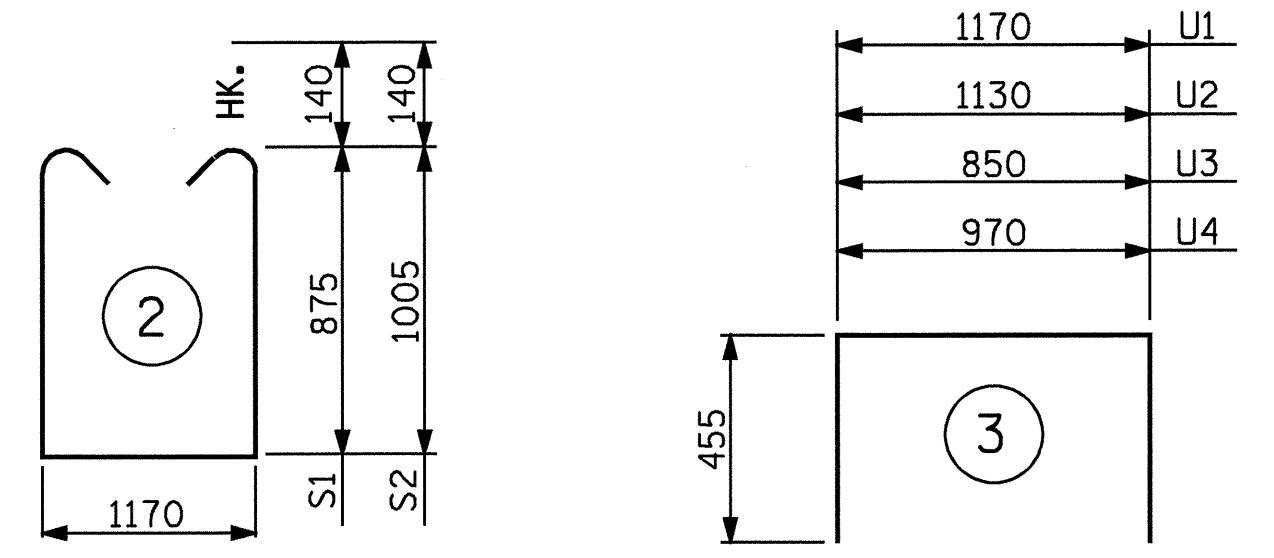
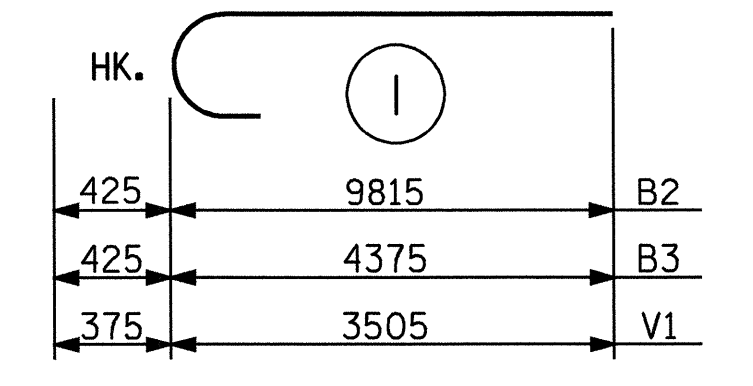


BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT.

BILL OF MATERIAL

BENT NO. 1 (LEFT LANE)

BAR NO	SIZE	TYPE	LENGTH	WEIGHT	
B1	6	32	STR	10840	417
B2	6	32	1	10240	393
B3	6	32	1	4800	184
B4	4	19	STR	10840	97
B5	2	19	STR	2220	10
B6	3	13	STR	1160	3
S1	23	16	2	3200	114
S2	19	16	2	3460	102
U1	32	13	3	2080	66
U2	8	13	3	2040	16
U3	4	13	3	1760	7
U4	4	13	3	1880	7
V1	42	29	1	3880	825
M1	42	29	STR	9000	1913
REINFORCING STEEL				Kg	4,154
SP-1	3	**	4	158,320	737
SP-2	3	*	5	125,800	375
SPIRAL COLUMN REINFORCING STEEL				Kg	1,112

\* 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.

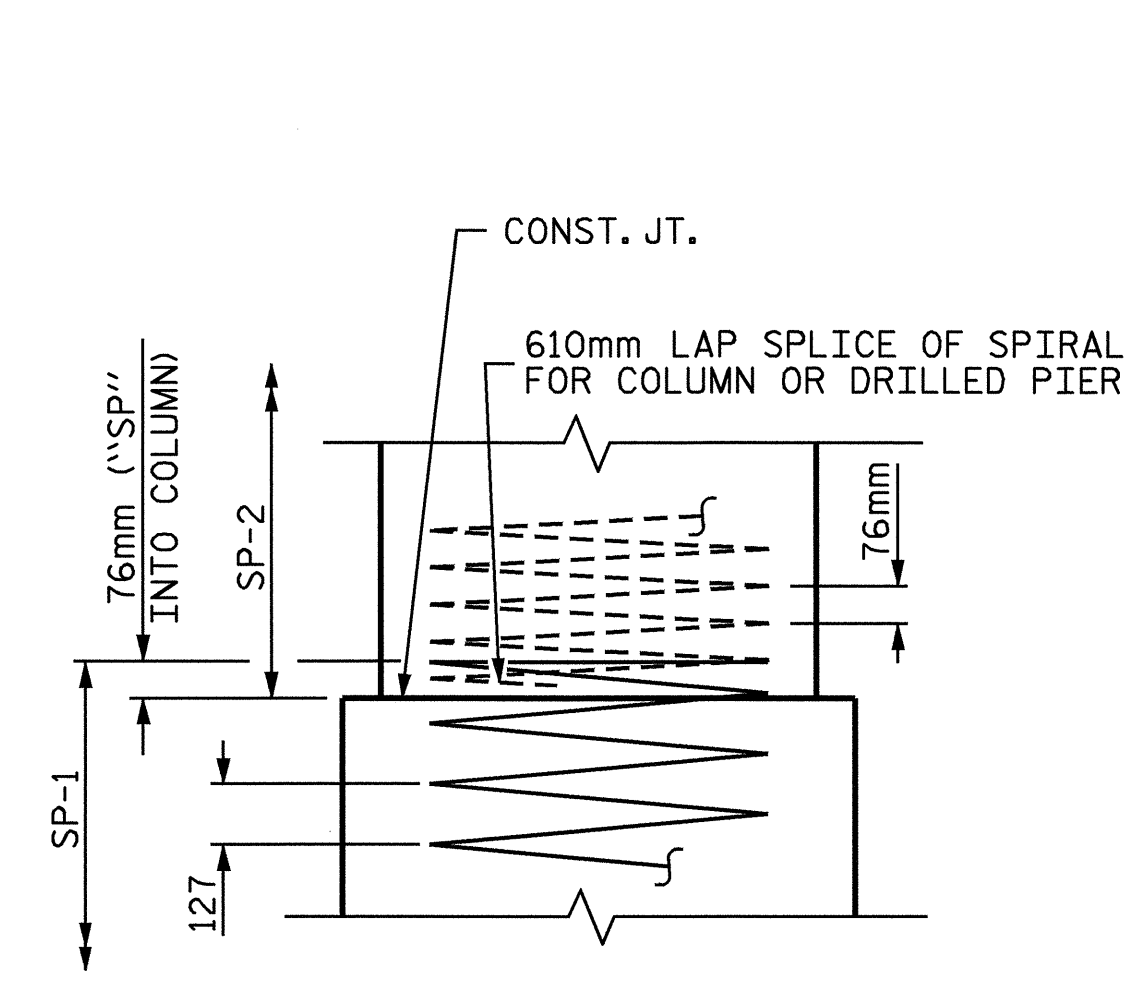
CLASS A CONCRETE BREAKDOWN

POUR #2 (COLUMNS)	8.0	m <sup>3</sup>
POUR #3 (CAP)	14.8	m <sup>3</sup>
TOTAL	22.8	m <sup>3</sup>

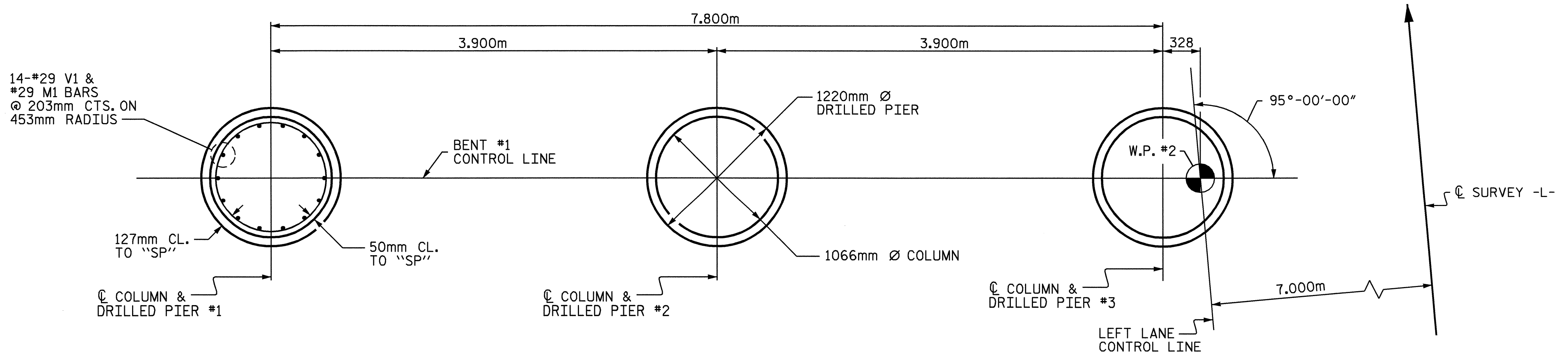
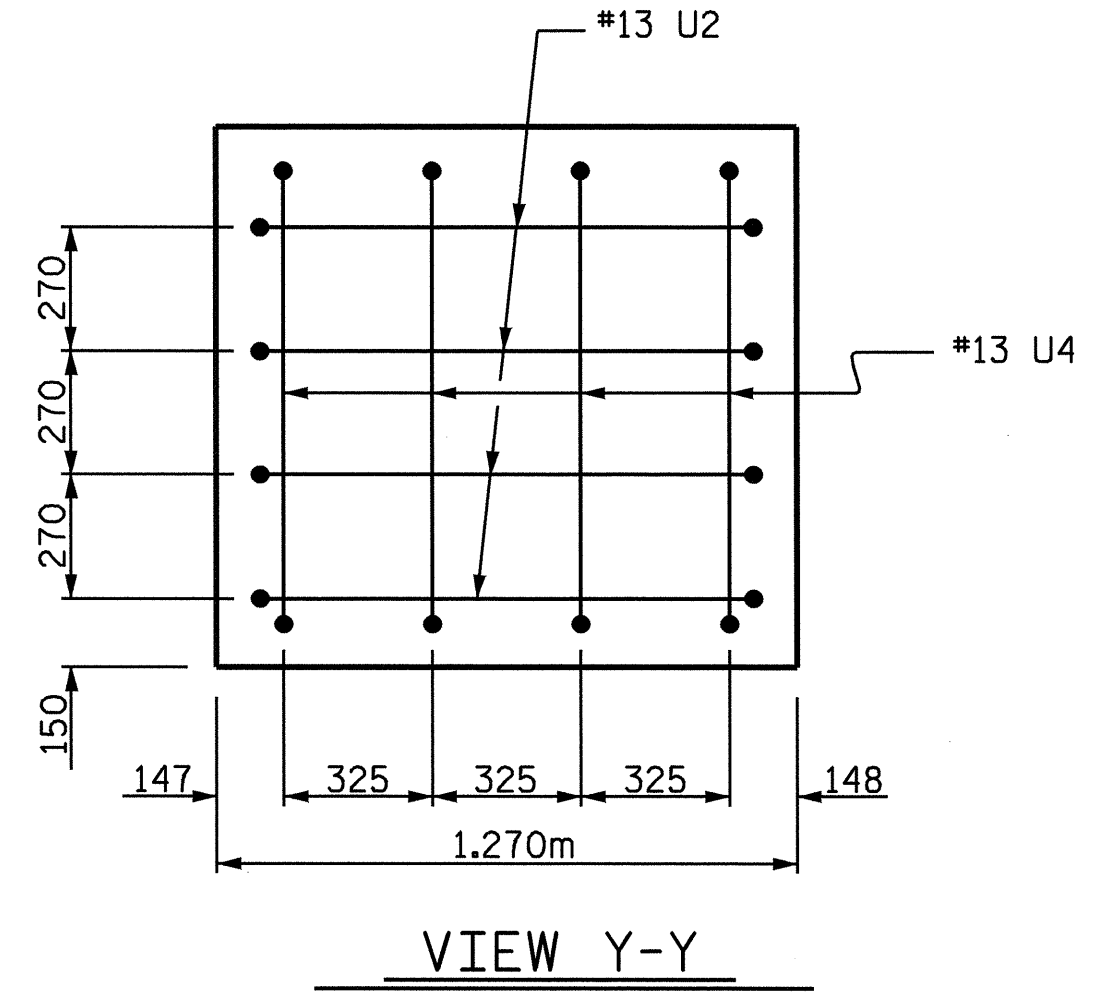
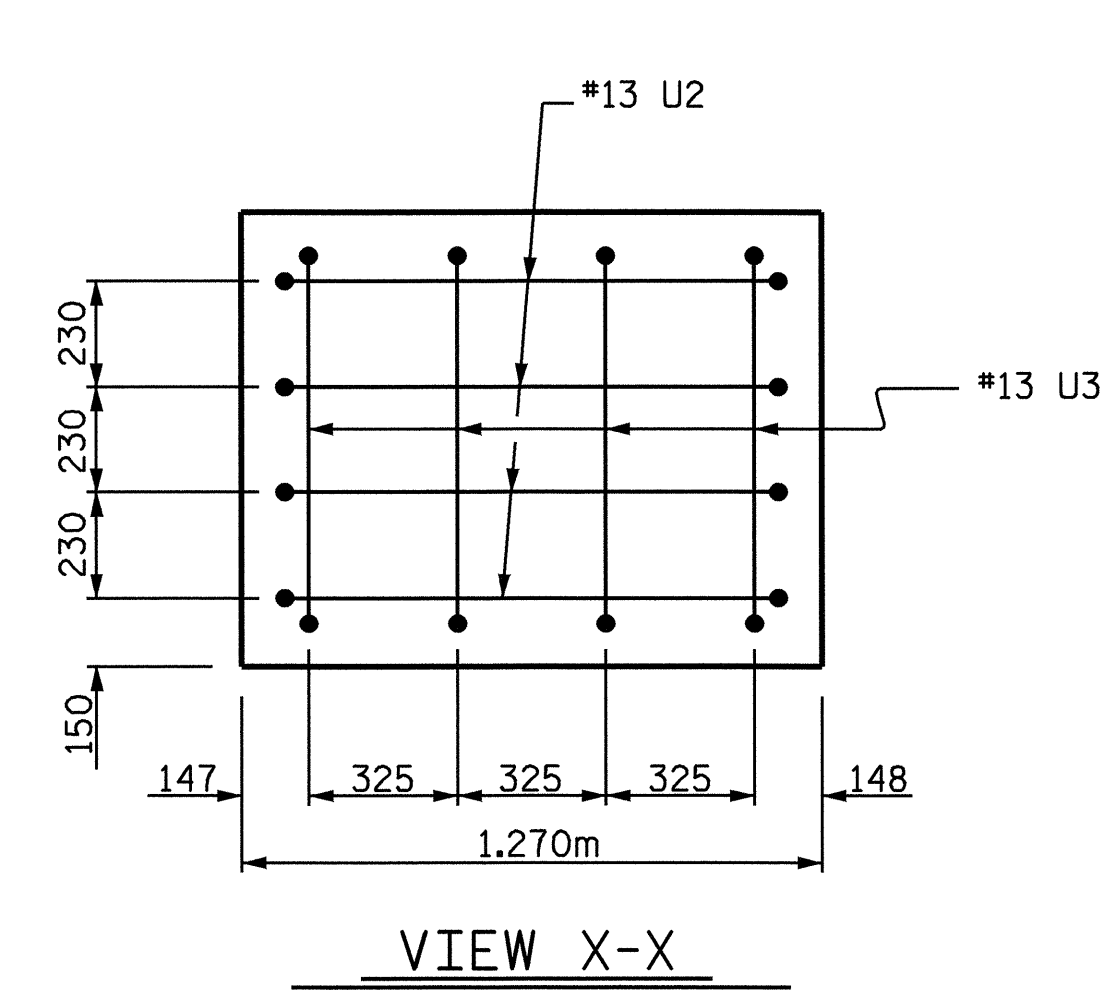
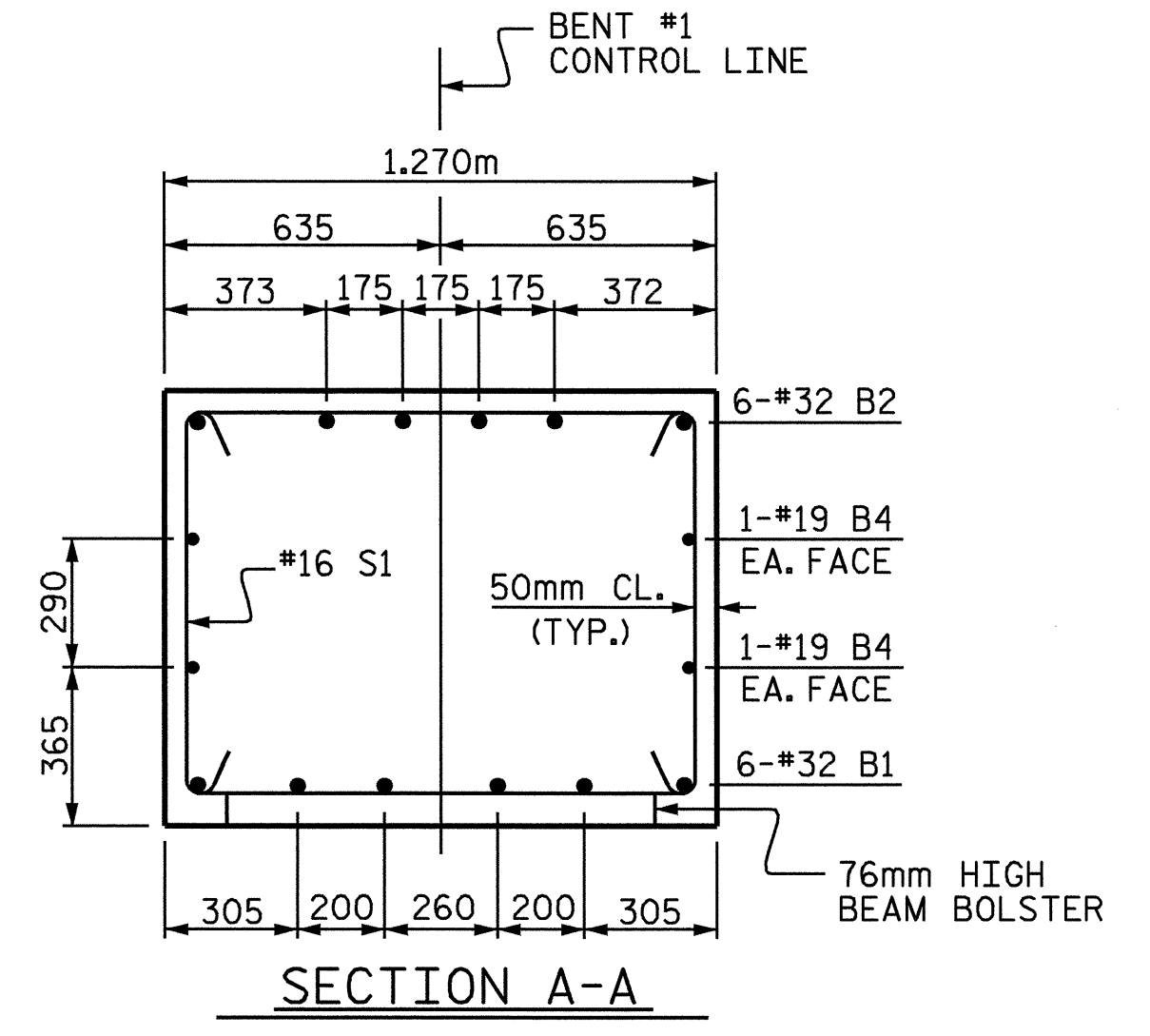
DRILLED PIER QUANTITIES

DRILLED PIERS :

DRILLED PIER CONCRETE	23.5	m <sup>3</sup>
POUR #1 (DRILLED PIERS)		
1220mm Ø DRILLED PIERS NOT IN SOIL	7.5	METERS
1220mm Ø DRILLED PIERS IN SOIL	12.6	METERS
PERMANENT STEEL CASING FOR 1220mm Ø DRILLED PIERS	14.1	METERS
CSL TUBES	89.4	METERS
CROSSHOLE SONIC LOGGING	2	EACH



CONSTRUCTION JOINT DETAIL



PLAN OF DRILLED PIERS & COLUMNS

DIMENSIONS ARE TYPICAL FOR EACH COLUMN & DRILLED PIER

DRAWN BY : D. HODGE DATE : 8/04  
 CHECKED BY : M.G. CHEEK DATE : 8/04



PROJECT NO. R-2568B  
 DAVIDSON COUNTY  
 STATION: 61+31.500 -L-

SHEET 2 OF 2

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-21
1			3			TOTAL SHEETS
2			4			64

STR. #1