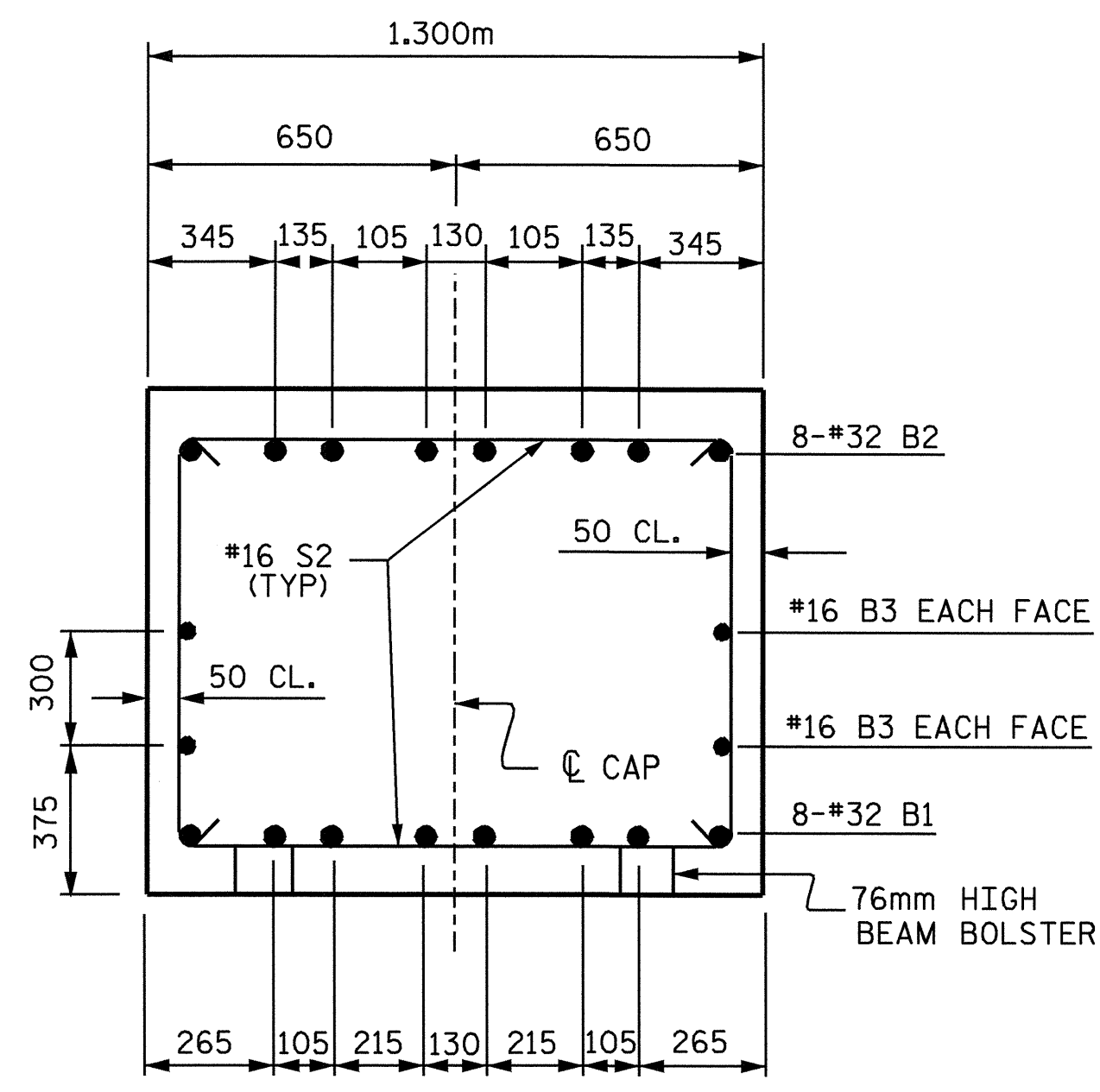
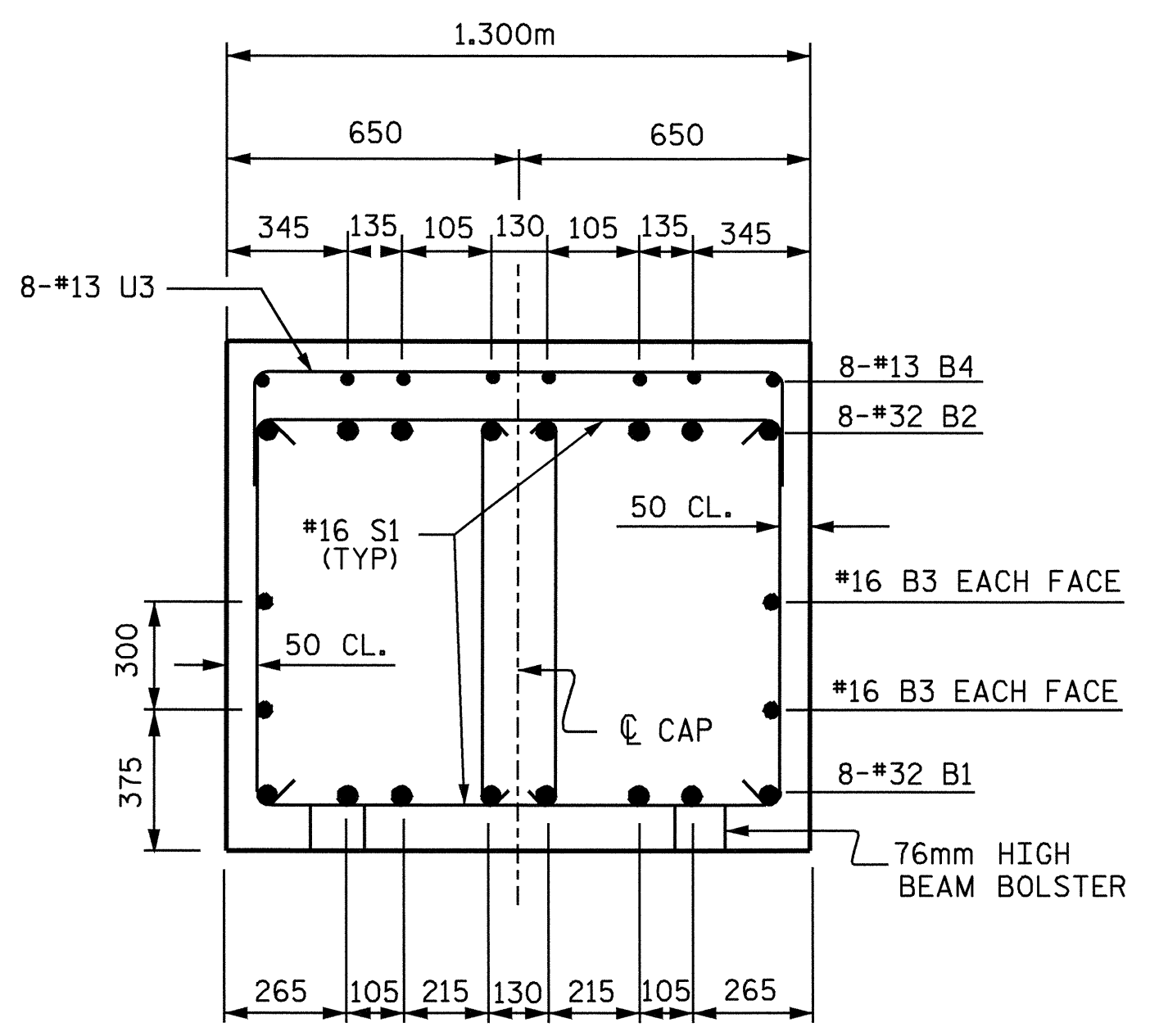


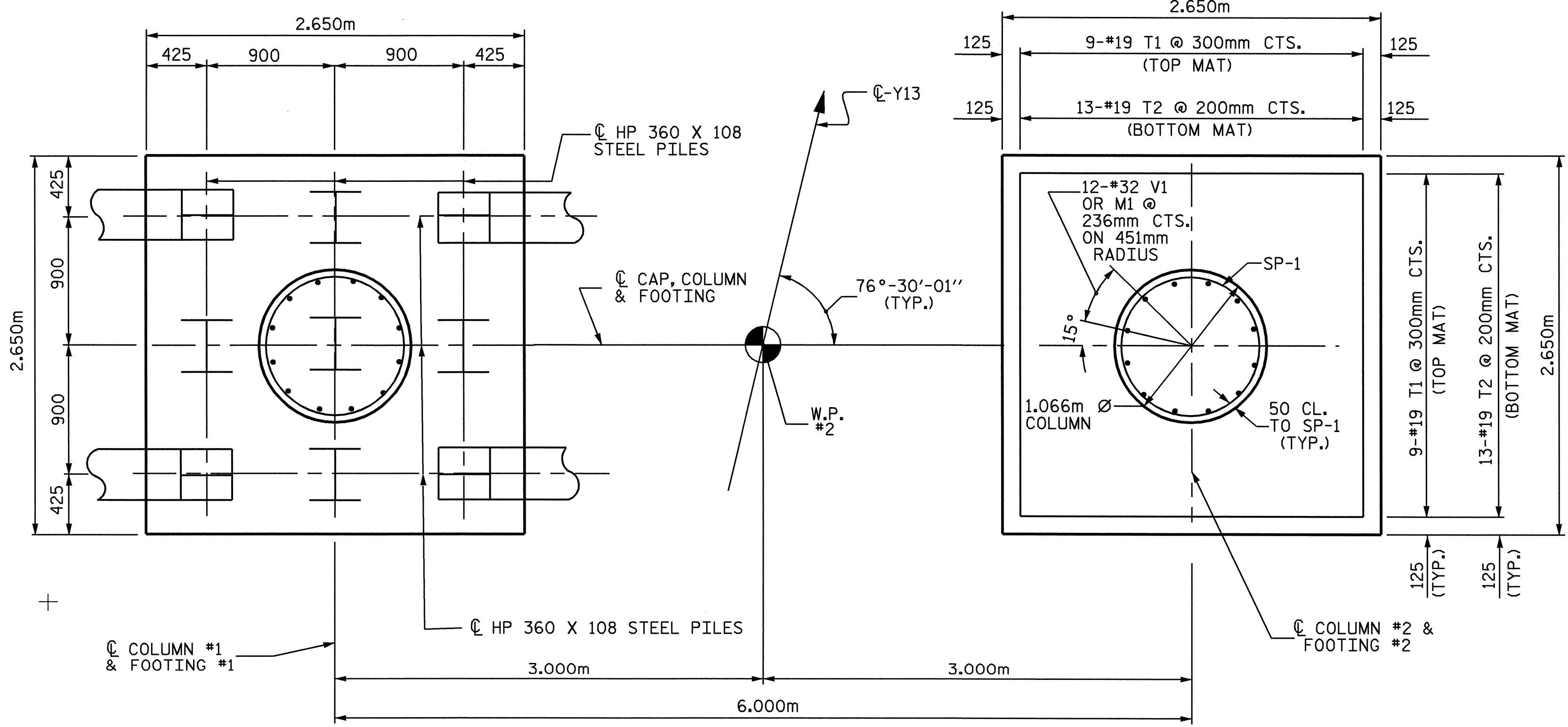
SECTION A-A



SECTION B-B

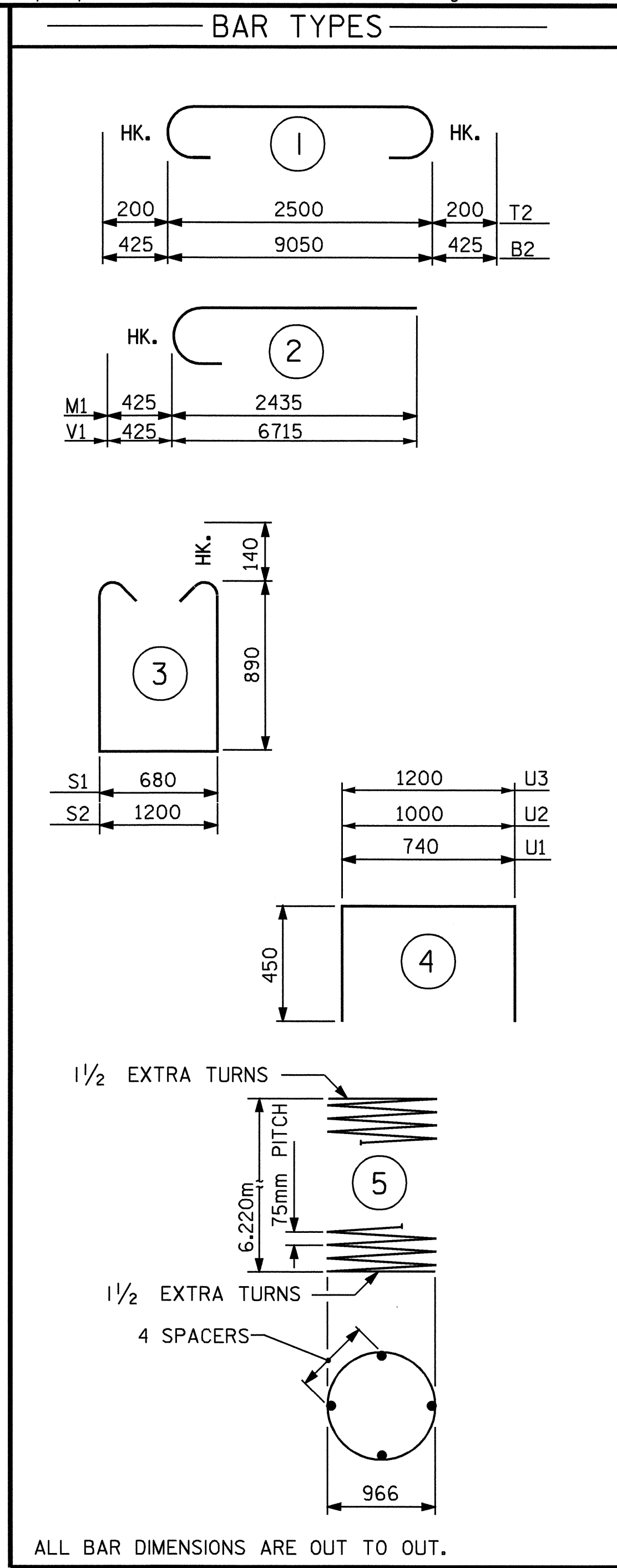


SECTION C-C

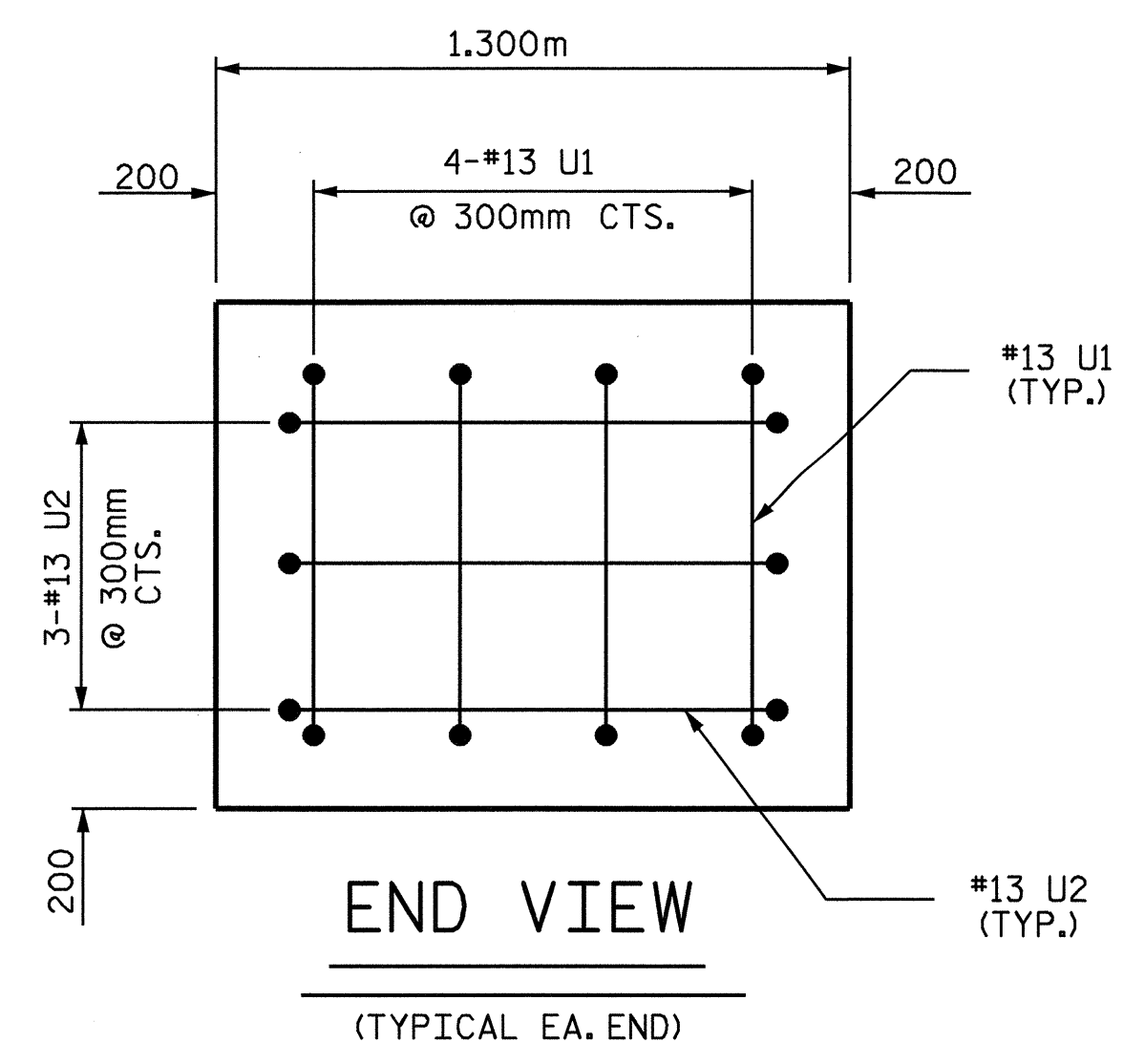


PLAN OF FOOTINGS

FOOTINGS, COLUMNS AND REINFORCING STEEL ARE TYPICAL



ALL BAR DIMENSIONS ARE OUT TO OUT.



END VIEW
(TYPICAL EA. END)

BILL OF MATERIAL

BAR	NUM	SZ	TYP	LENGTH	WEIGHT
B1	8	32	STR	9100	466
B2	8	32	1	9900	507
B3	4	16	STR	9100	57
B4	8	13	STR	1140	9
M1	24	32	2	2860	440
S1	60	16	3	2740	255
S2	9	16	3	3260	46
T1	36	19	STR	2500	201
T2	52	19	1	2900	337
U1	8	13	4	1640	13
U2	6	13	4	1900	11
U3	32	13	4	2100	67
V1	24	32	2	7140	1097
REINFORCING STEEL					3506 KG.

SP-1	2	**	5	233240	464
SPIRAL COLUMN REINF. STEEL					464 KG.

CLASS A CONCRETE BREAKDOWN		
POUR #1 - FOOTINGS	12.9	m ³
POUR #2 - COLUMNS	11.0	m ³
POUR #3 - CAP	12.2	m ³
TOTAL CLASS A CONCRETE	36.1	m ³

HP 360 X 108 STEEL PILES		
NO. 18	METERS	396.0

FOUNDATION EXCAVATION	LUMP SUM
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** THE COLUMN SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #13 PLAIN OR DEFORMED BAR.

PROJECT NO. R-2206C
LINCOLN-CATAWBA COUNTY
STATION: 216+60.508 -L-

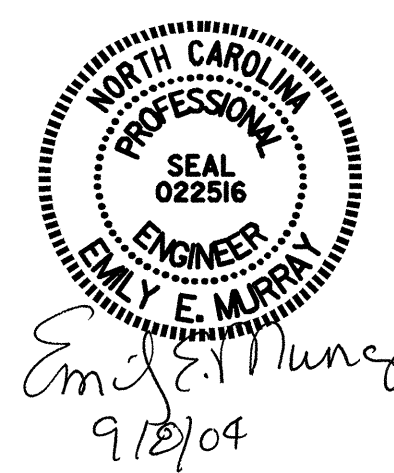
SHEET 2 OF 2

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-122
TOTAL SHEETS 374



DRAWN BY: C.MILLER DATE: 11-03
CHECKED BY: P.ADKINS DATE: 03-04