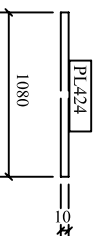
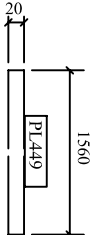
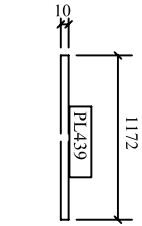
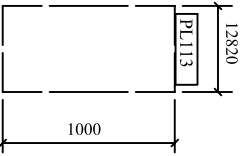
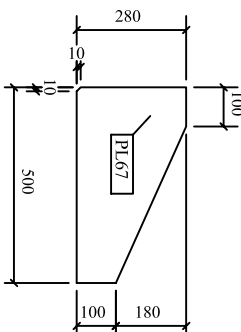
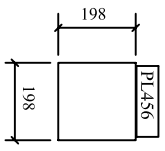
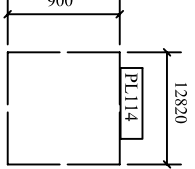
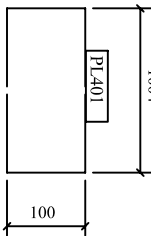
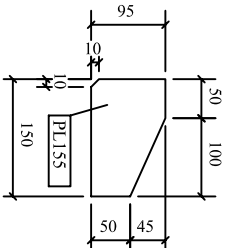
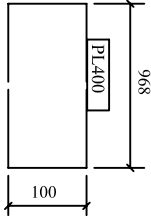
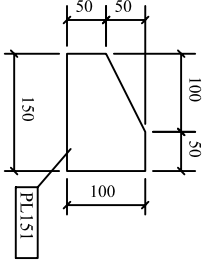
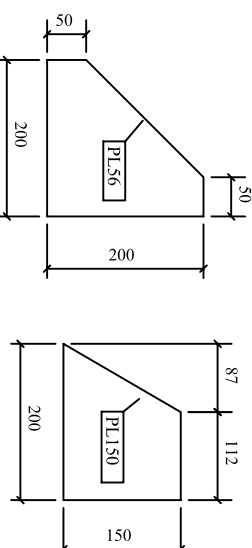
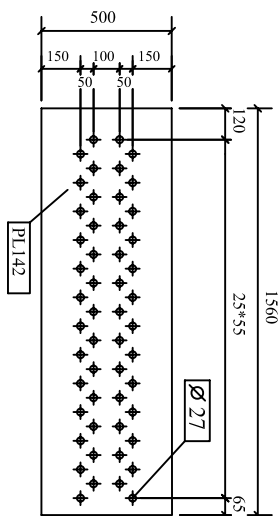
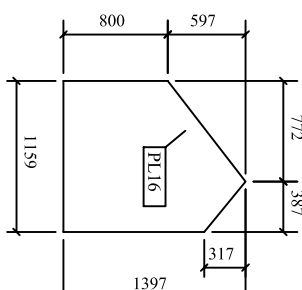
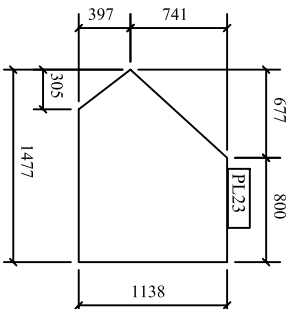
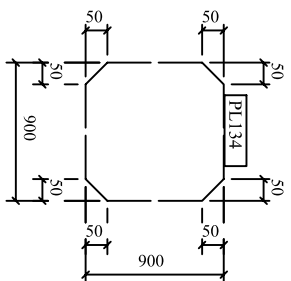
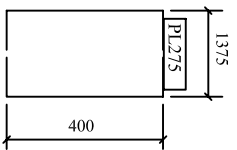
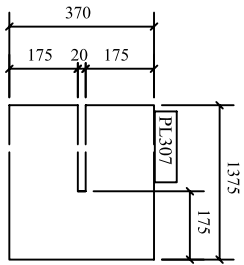
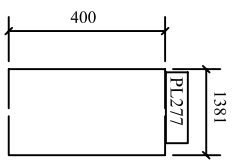
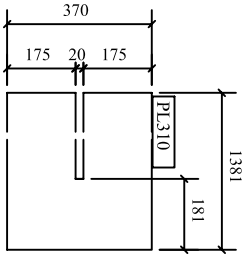
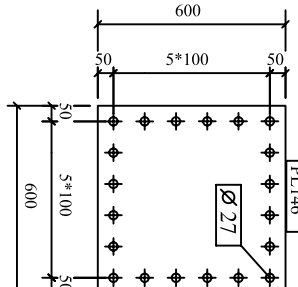
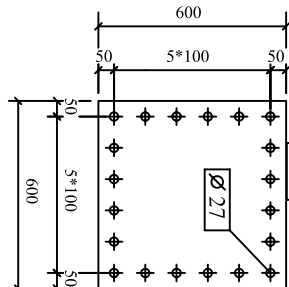
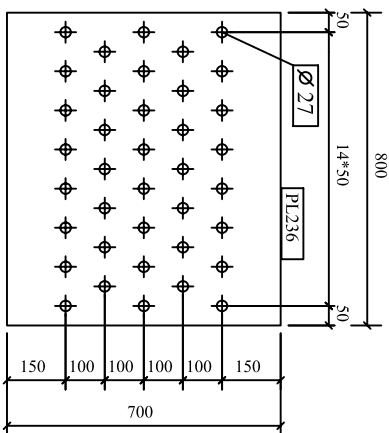
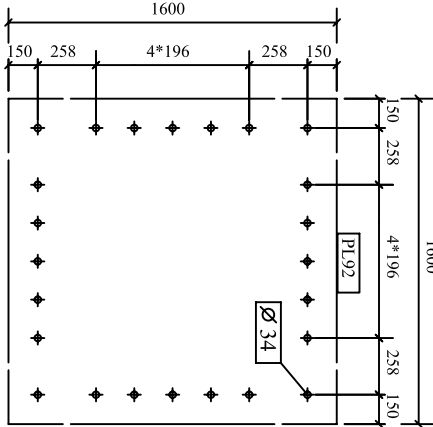
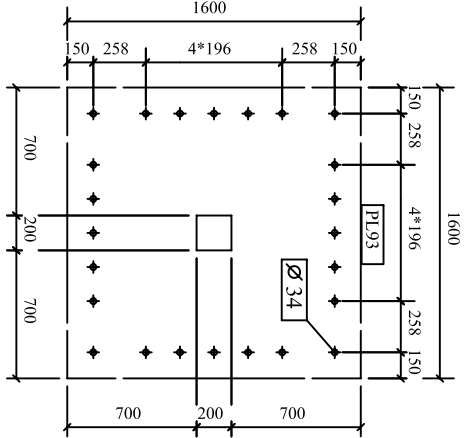


Diam	Grade	Length	No.	No. Required
25		85	40	1
25		135	312	1
32		140	24	1
(Total bolt one assembly X no of assembly)			Total	376



Mark	Size	No.	Length	Area	Weight	Total Area	Total Weight
PL1005	PL25*600	1	600	0.780	70.650	0.780	70.650
PL1016	PL20*1397	1	1159	2.744	208.28	2.744	208.28
PL1023	PL20*1138	1	1477	2.830	214.93	2.830	214.93
PL1056	PL20*200	8	200	0.072	4.514	0.574	36.110
PL1067	PL20*280	48	500	0.236	16.320	11.335	783.36
PL1092	PL40*1600	1	1600	5.376	803.84	5.376	803.84
PL1093	PL40*1600	1	1600	5.328	791.28	5.328	791.28
PL1113	PL50*1000	2	12820	27.022	5031.8	54.044	10063.
PL1114	PL50*900	2	12820	24.448	4528.6	48.896	9057.3
PL1134	PL50*900	2	900	1.784	315.96	3.568	631.92
PL1142	PL50*501	6	1560	1.768	306.45	10.606	1838.7
PL1146	PL25*600	1	600	0.780	70.650	0.780	70.650
PL1150	PL10*150	16	200	0.053	1.839	0.851	29.423
PL1151	PL10*100	10	150	0.030	0.981	0.296	9.813
PL1155	PL10*95	30	150	0.028	0.933	0.848	27.996
PL1236	PL30*700	3	800	1.210	131.88	3.630	395.64
PL1275	PL15*400	2	1375	1.153	64.746	2.306	129.49
PL1277	PL15*400	2	1381	1.159	65.067	2.317	130.13
PL1307	PL15*370	2	1375	1.058	57.064	2.115	114.12
PL1310	PL15*370	2	1381	1.063	57.361	2.126	114.72
PL1400	PL10*100	1	968	0.215	7.598	0.215	7.598
PL1401	PL10*100	1	1004	0.223	7.878	0.223	7.878
PL1424	PL100*10	1	1080	0.240	8.476	0.240	8.476
PL1439	PL100*10	1	1172	0.260	9.198	0.260	9.198
PL1448	PL100*20	4	1600	0.388	25.120	1.552	100.48
PL1449	PL100*20	4	1560	0.378	24.492	1.514	97.968
PL1456	PL198*40	1	198	0.110	12.310	0.110	12.310
(Total in one assembly)		Sub Total			165.46		25766
(Total one assembly X no of assembly)		Total			165.46		25766

SCALE: SHEET 3 OF 3	PHASE: CEMENT	CLIENT: CEMENT ENGINEERING SERVICES CO.	ISSUED FOR FABRICATION
REFERENCE DRAWING: 1342.ST.421.01.50.00.1	REV: 1	PROJECT/TITLE: KHUZESTAN EXTENSION PROJECT	DESCRIPTION
1342.ST.421.01.50.00.1	0	UNITS: CYCLONE PREHEATER	
1342.ST.421.01.52.00.0	0	VENDOR: PROVIDED BY:	
1342.ST.421.01.53.00.0	0		
1342.ST.421.01.53.00.0	0		
1342.ST.421.01.53.00.0	0		
1342.ST.421.01.53.00.0	0		
1342.ST.421.01.53.00.0	0		
1342.ST.421.01.53.00.0	0		
1342.ST.421.01.53.00.0	0		
1342.ST.421.01.53.00.0	0		
1342.ST.421.01.61.00.0	0		
TITLE: FABRICATION DRAWING FOR COLUMN		CO 18	
SEC.DOC.NO: SEC-P1095-DWG-ST-018			