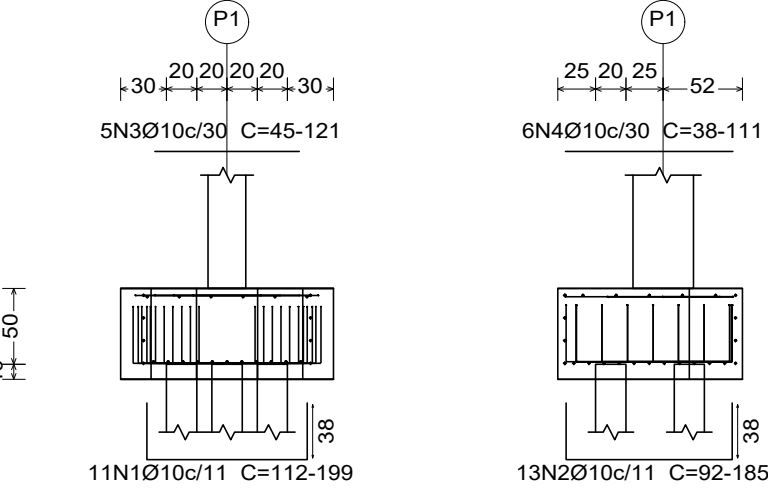
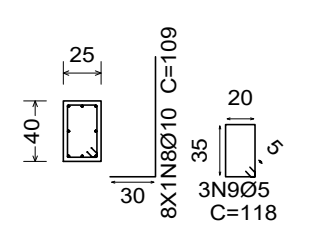


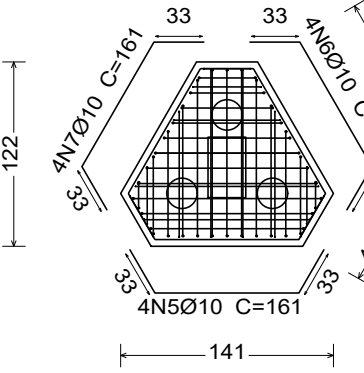
P1



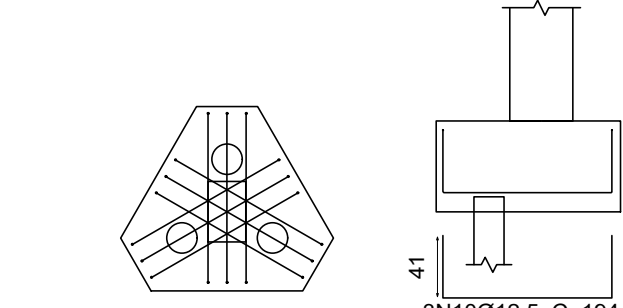
P1



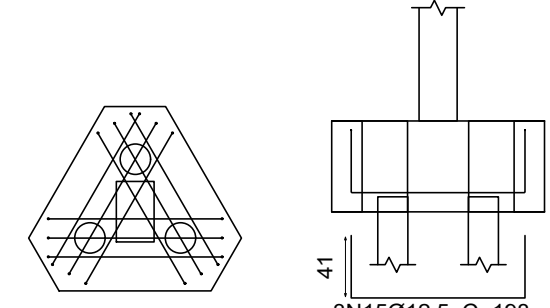
Estacas: Ø20CM 22T - 12m



Viga intermediária

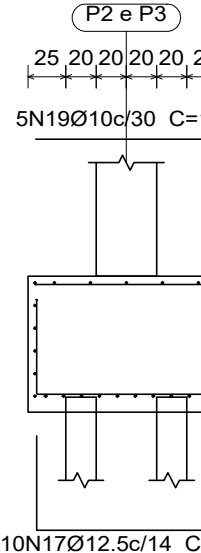
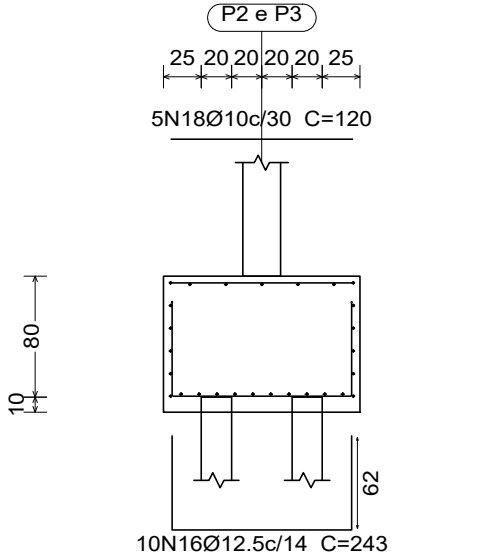


Viga lateral

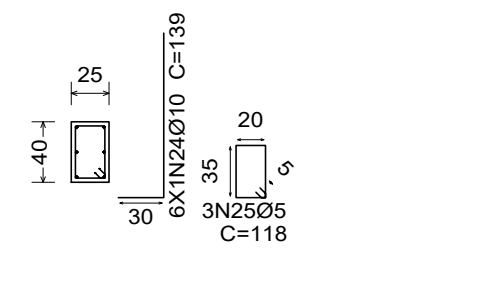


Resumo Aço Fundação		Comp. total (m)	Peso+10% (kg)	Total
Detalhamento fundação				
CA-50	Ø8	24.2	10	
	Ø10	2651.8	1798	
	Ø12.5	2602.9	2758	
	Ø16	154.2	268	4834
CA-60	Ø4.2	33.8	4	
	Ø5	167.5	29	33
	Total			4867

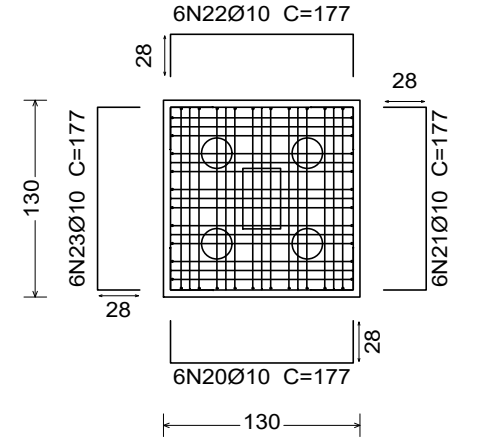
P2 e P3



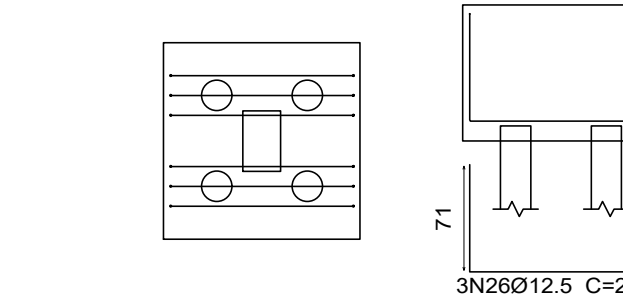
P2 e P3



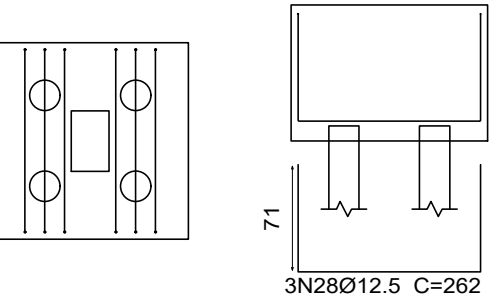
Estacas: Ø20CM 22T - 12m



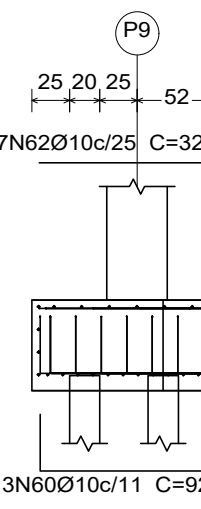
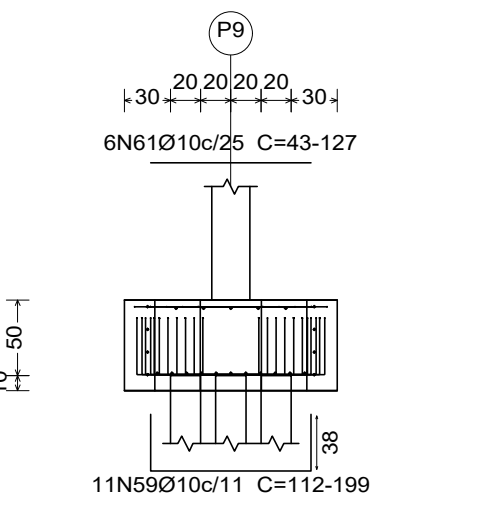
Viga paralela X



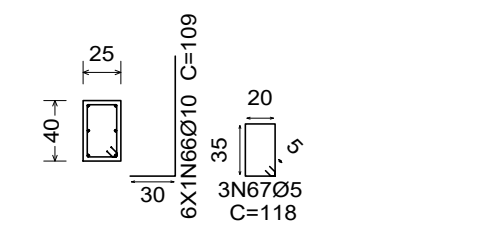
Viga paralela Y



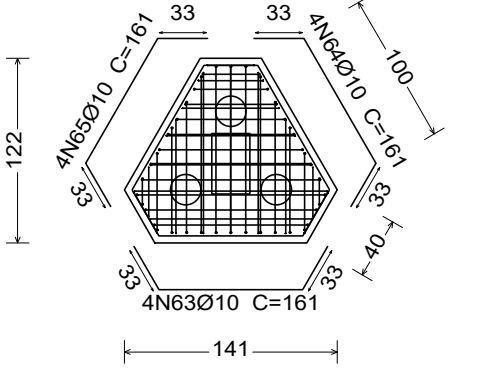
P9



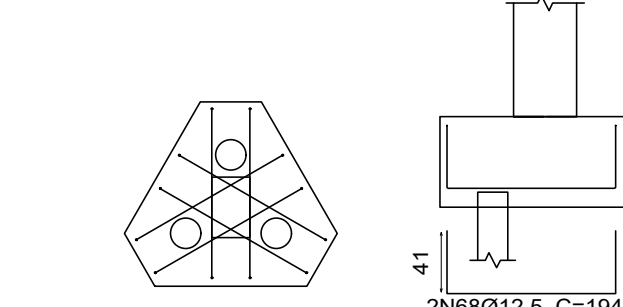
P9



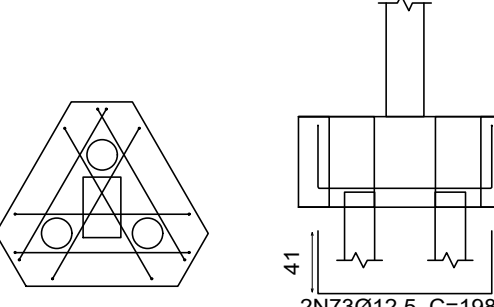
Estacas: Ø20CM 22T - 12m



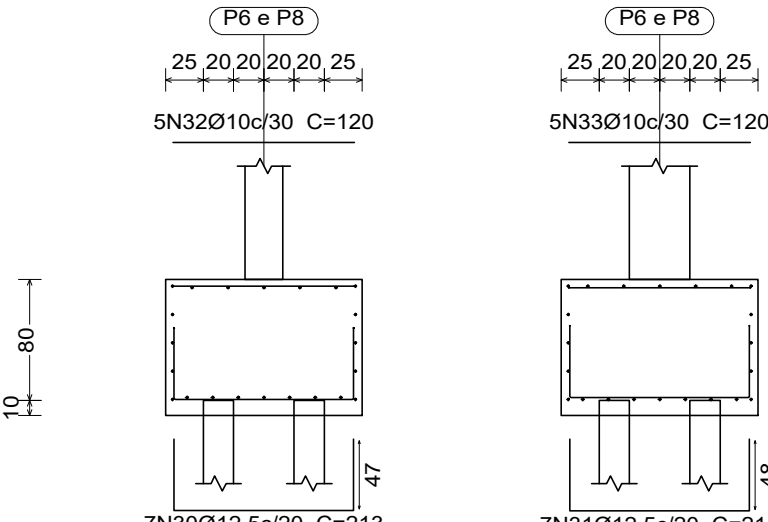
Viga intermediária



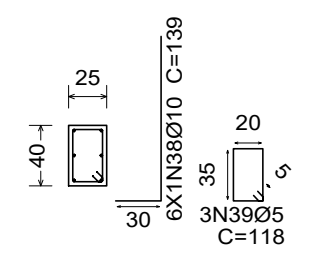
Viga lateral



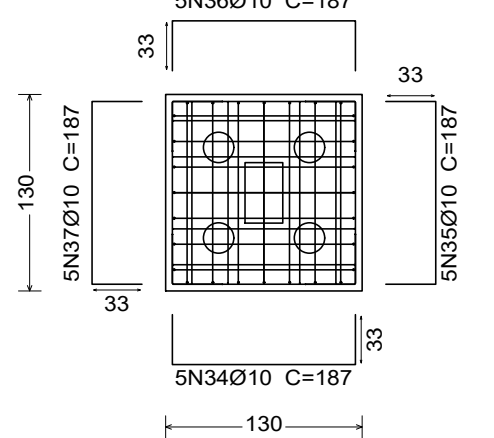
P6 e P8



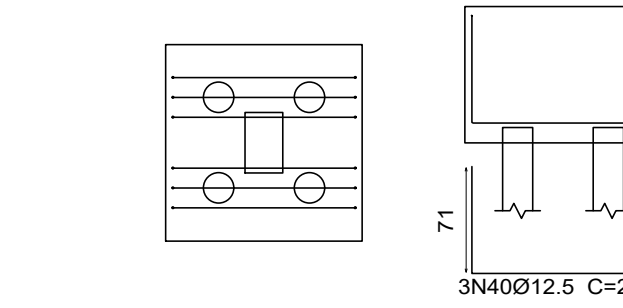
P6 e P8



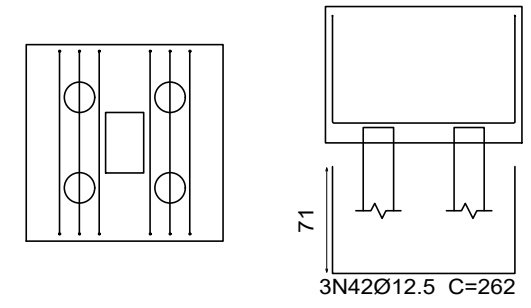
Estacas: Ø20CM 22T - 12m



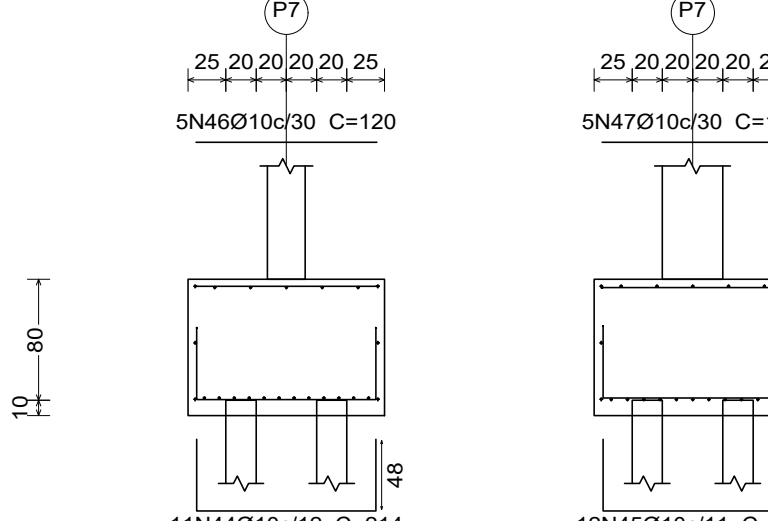
Viga paralela X



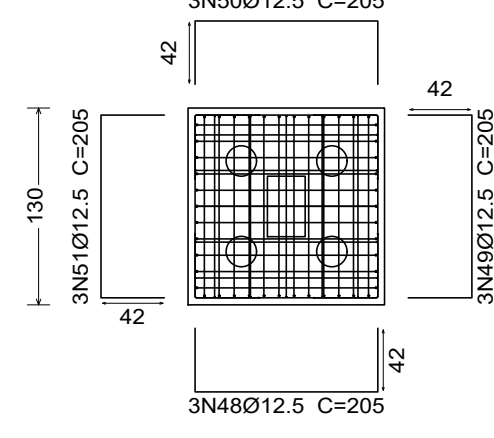
Viga paralela Y



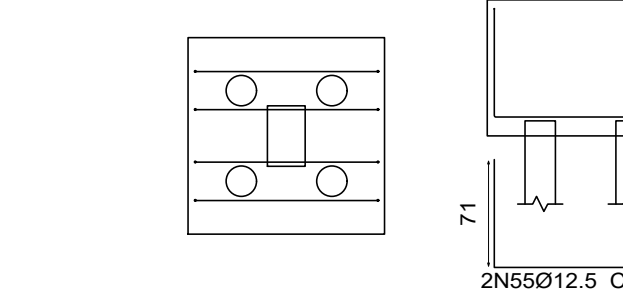
P7



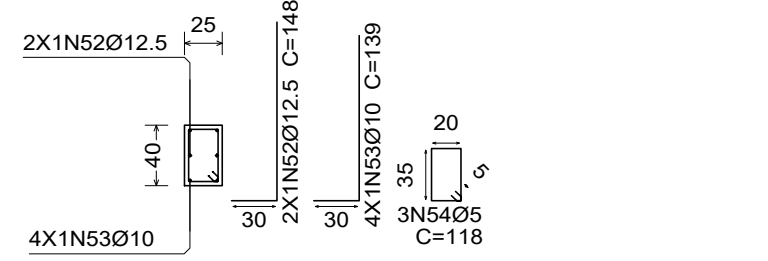
Estacas: Ø20CM 22T - 12m



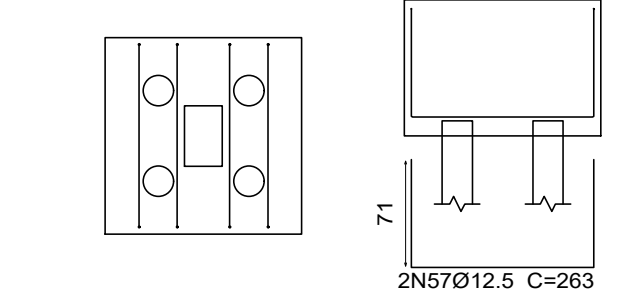
Viga paralela X



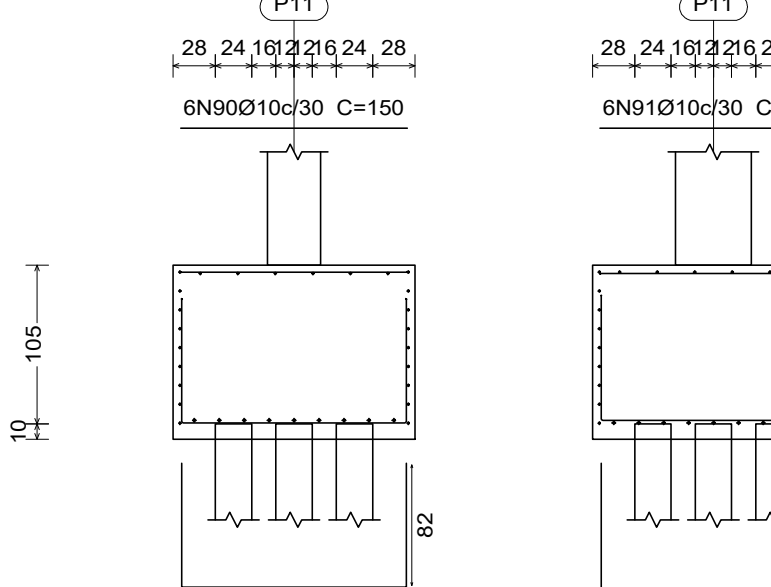
P7



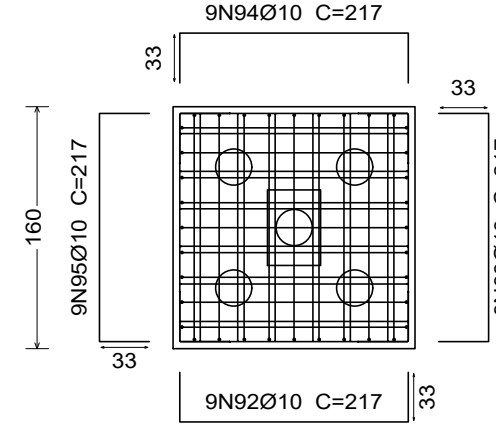
Viga paralela Y



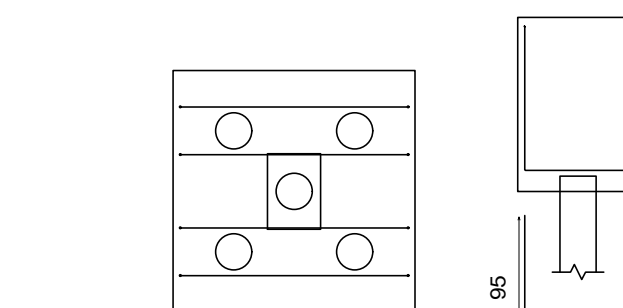
P11



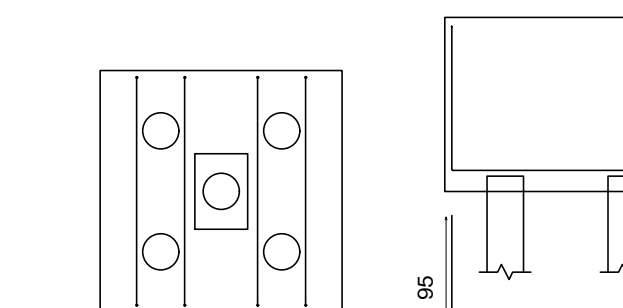
Estacas: Ø24cm 45T - 18m



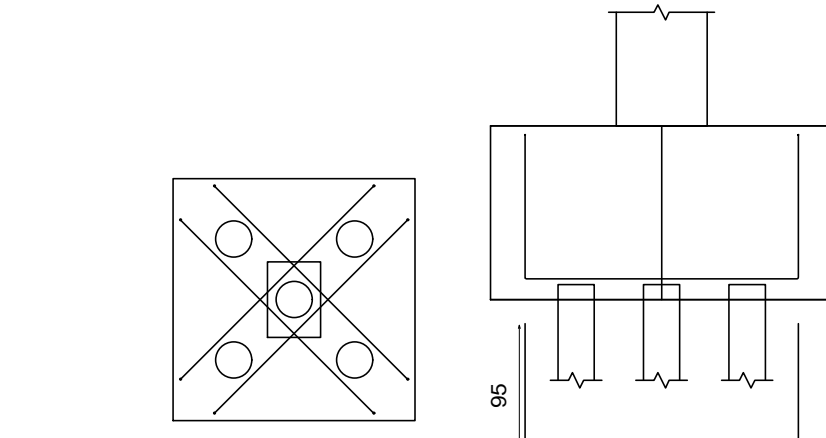
Viga paralela X



Viga paralela Y



Viga diagonal



Elemento	Pos.	Diam.	Q.	Dob.	Reta	Dob.	Comp.	Total	CA-50	CA-60
P1	1	Ø10	11		VAR.		VAR.	1782	11.0	
	2	Ø10	13		VAR.		VAR.	1963	12.1	
	3	Ø10	5		VAR.		VAR.	445	2.7	
	4	Ø10	6		VAR.		VAR.	468	2.9	
	5	Ø10	4	33	95	33	161	644	4.0	
	6	Ø10	4	33	95	33	161	644	4.0	
	7	Ø10	4	33	95	33	161	644	4.0	
	8	Ø10	6	30	79	109	872	5.4		0.6
	9	Ø5			118		118	354		
	10	Ø12.5	3	41	112	41	194	582	5.6	
	11	Ø12.5	3	41	112	41	194	582	5.6	
	12	Ø12.5	3	41	112	41	194	582	5.6	
	13	Ø12.5	3	41	116	41	198	594	5.7	
	14	Ø12.5	3	41	116	41	198	594	5.7	
	15	Ø12.5	3	41	116	41	198	594	5.7	
Total+10%:									88.0	0.7
P2=P3	16	Ø12.5	10	62	119	62	243	2430	23.4	
	17	Ø12.5	10	63	118	63	244	2440	23.5	
	18	Ø10	5		120		120	600	3.7	
	19	Ø10	5		120		120	600	3.7	
	20	Ø10	6	28	121	28	177	1062	6.5	
	21	Ø10	6	28	121	28	177	1062	6.5	
	22	Ø10	6	28	121	28	177	1062	6.5	
	23	Ø10	6	28	121	28	177	1062	6.5	
	24	Ø10	6	30	109		139	834	5.1	
	25	Ø5	3		118		118	354		0.6
	26	Ø12.5	3	71	120	71	262	786	7.6	
	27	Ø12.5	3	71	120	71	262	786	7.6	
	28	Ø12.5	3	71	120	71	262	786	7.6	
	29	Ø12.5	3	71	120	71	262	786	7.6	
	Total+10%:									127.4
(X2):									254.8	1.4
P6=P8	30	Ø12.5	7	47	119	47	213	1491	14.4	
	31	Ø12.5	7	48	118	48	214	1498	14.4	
	32	Ø10	5		120		120	600	3.7	
	33	Ø10	5		120		120	600	3.7	
	34	Ø10	5	33	121	33	187	935	5.8	
	35	Ø10	5	33	121	33	187	935	5.8	
	36	Ø10	5	33	121	33	187	935	5.8	
	37	Ø10	5	33	121	33	187	935	5.8	
	38	Ø10	6	30	109		139	834	5.1	
	39	Ø5	3		118		118	354		0.6
	40	Ø12.5	3	71	120	71	262	786	7.6	
	41	Ø12.5	3	71	120	71	262	786	7.6	
	42	Ø12.5	3	71	120	71	262	786	7.6	
	43	Ø12.5	3	71	120	71	262	786	7.6	
	Total+10%:									104.4
(X2):									208.8	1.4
P7	44	Ø10	11	48	118	48	214	2354	14.5	
	45	Ø10	12	48	118	48	214	2568	15.8	
	46	Ø10	5		120		120	600	3.7	
	47	Ø10	5		120		120	600	3.7	
	48	Ø12.5	3	42	121	42	205	615	5.9	
	49	Ø12.5	3	42	121	42	205	615	5.9	
	50	Ø12.5	3	42	121	42	205	615	5.9	
	51	Ø12.5	3	42	121	42	205	615	5.9	
	52	Ø12.5	2	30	118		148	296	2.9	
	53	Ø10	4	30	109		139	556	3.4	
	54	Ø5	3		118		118	354		0.6
	55	Ø12.5	2	71	121	71	263	526	5.1	
	56	Ø12.5	2	71	121	71	263	526	5.1	
	57	Ø12.5	2	71	121	71	263	526	5.1	
	58	Ø12.5	2	71	121	71	263	526	5.1	
Total+10%:									96.8	0.7
P9	59	Ø10	11		VAR.		VAR.	1782	11.0	
	60	Ø10	13		VAR.		VAR.	1963	12.1	
	61	Ø10	6		VAR.		VAR.	534	3.3	
	62	Ø10	7		VAR.		VAR.	539	3.3	
	63	Ø10	4	33	95	33	161	644	4.0	
	64	Ø10	4	33	95	33	161	644	4.0	
	65	Ø10	4	33	95	33	161	644	4.0	
	66	Ø10	6	30	79	109	872	5.4		0.6
	67	Ø5	3		118		118	354		
	68	Ø12.5	2	41	112	41	194	582	5.6	
	69	Ø12.5	2	41	112	41	194	582	5.6	
	70	Ø12.5	2	41	112	41	194	582	5.6	
	71	Ø12.5	2	41	116	41	198	594	5.7	
	72	Ø12.5	2	41	116	41	198	594	5.7	
	73	Ø12.5	2	41	116	41	198	594	5.7	
Total+10%:									75.0	0.7
P10	74	Ø10	16	63	118	63	244	3904	24.1	
	75	Ø12.5	11	62	119	62	243	2673	25.7	
	76	Ø10	5		120		120	600	3.7	
	77	Ø10	5		120		120	600	3.7	
	78	Ø10	6	33	121	33	187	1122	6.9	
	79	Ø10	6	33	121	33	187	1122	6.9	
	80	Ø10	6	33	121	33	187	1122	6.9	
	81	Ø10	6	33	121	33	187	1122	6.9	
	82	Ø10	10	30	99		129	1290	7.9	
	83	Ø5	3		118		118	354		0.6
	84	Ø12.5	4	61	121	61	243	972	9.4	
	85	Ø12.5	4	61	121	61	243	972	9.4	
	86	Ø12.5	4	61	121	61	243	972	9.4	
	87	Ø12.5	4	61	121	61	243	972	9.4	
	Total+10%:									143.3
P11	88	Ø16	9	82	148	82	312	2808	44.3	
	89	Ø16	9	83	147	83	313	2817	44.5	
	90	Ø10	6		150		150	900	5.5	
	91	Ø10	6		150		150	900	5.5	
	92	Ø10	9	33	151	33	217	1953	12.0	
	93	Ø10	9	33	151	33	217	1953	12.0	
	94	Ø10	9	33	151	33	217	1953	12.0	
	95	Ø10	9	33	151	33	217	1953	12.0	
	96	Ø10	6		150		150	900	5.5	
	97	Ø12.5	2	30	142		172	344	3.3	
	98	Ø5	3		168		158	474		0.7
	99	Ø12.5	2	95	181	95	341	682	6.6	
	100	Ø12.5	2	95	181	95	341	682	6.6	
	101	Ø12.5	2	95	181	95	341	682	6.6	
	102	Ø12.5	2	95	181	95	341	682	6.6	
103	Ø12.5	2	95	181	95	371	742	7.1		
104	Ø12.5	2	95	181	95	371	742	7.1		
Total+10%:									217.5	0.8
(X5):									1087.5	4.0
(X10):									4548.0	0.0
(X15):									8317.0	0.0
(X20):									8777.0	0.0
(X25):									10842.0	6.4