

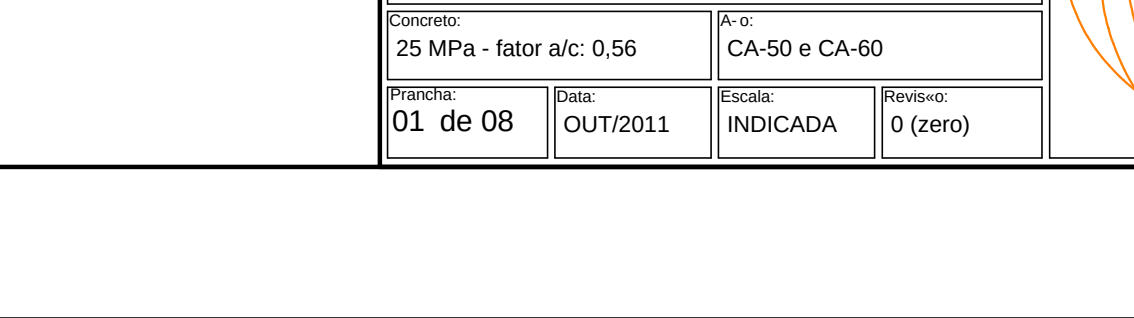
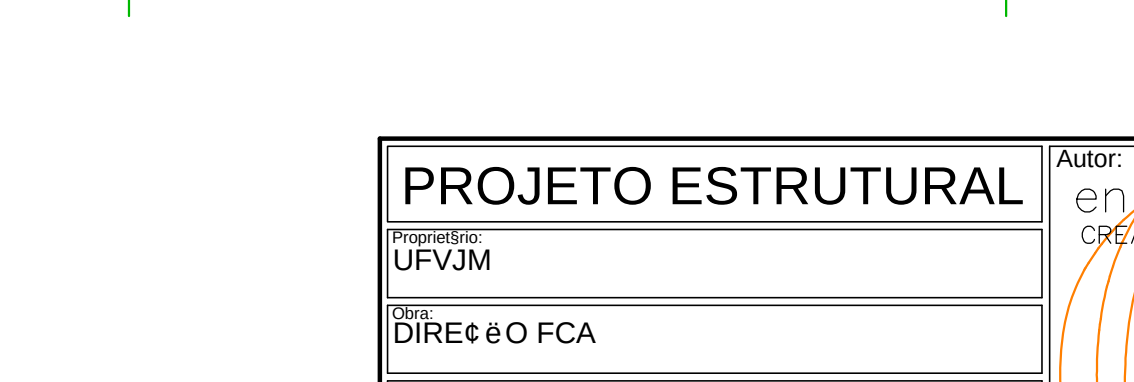
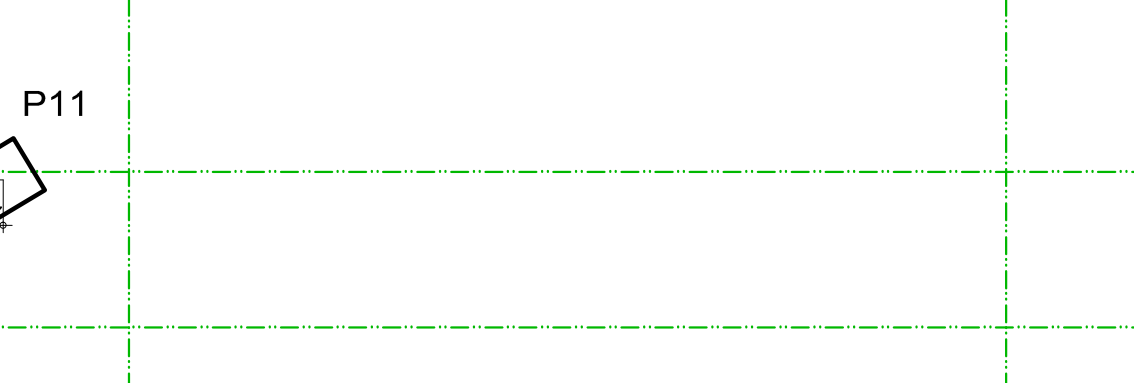
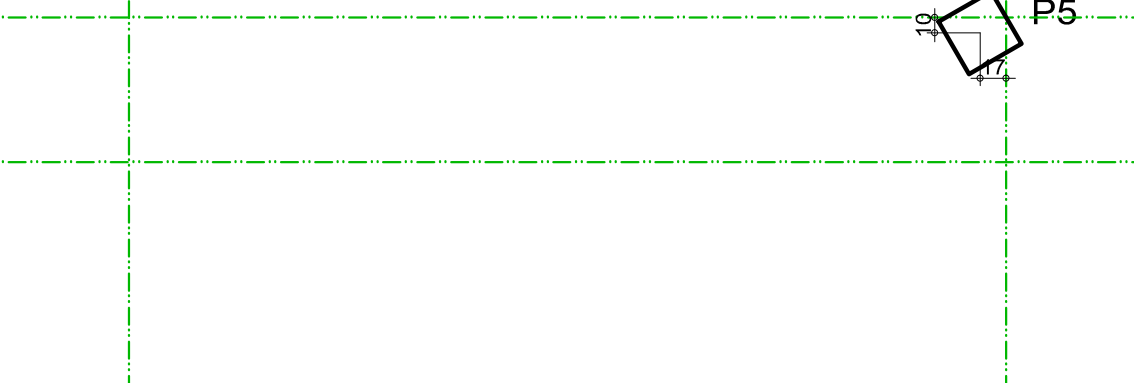
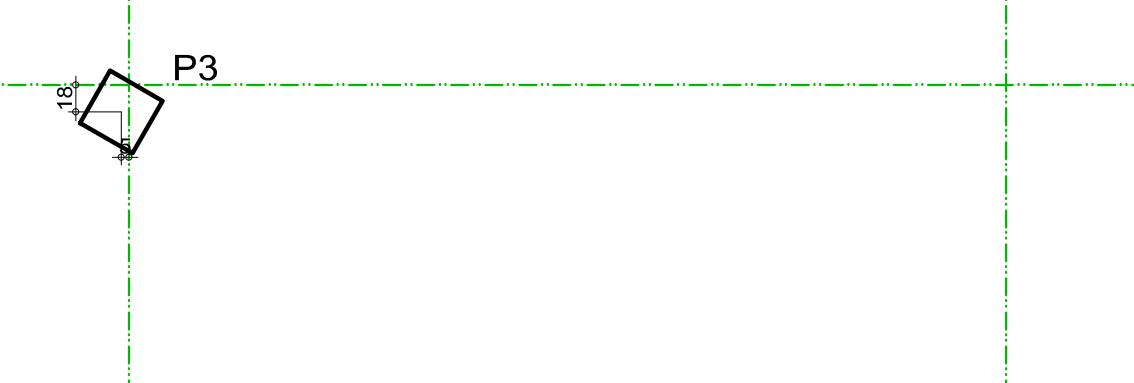
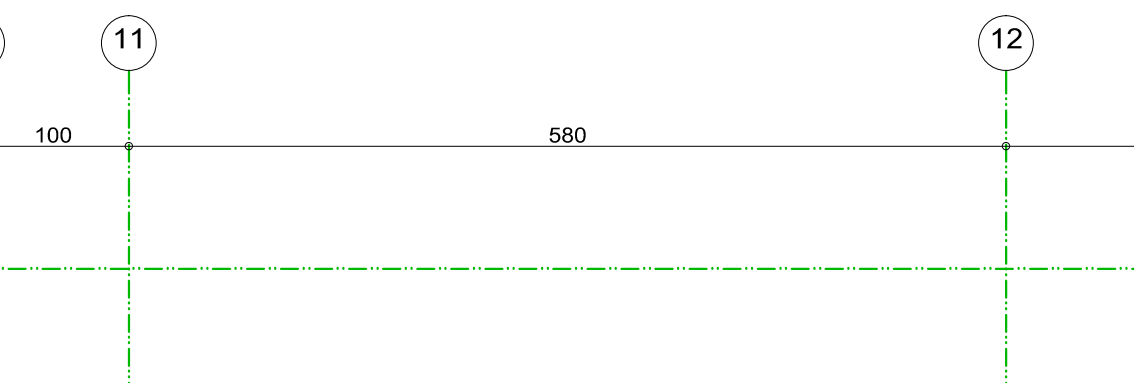
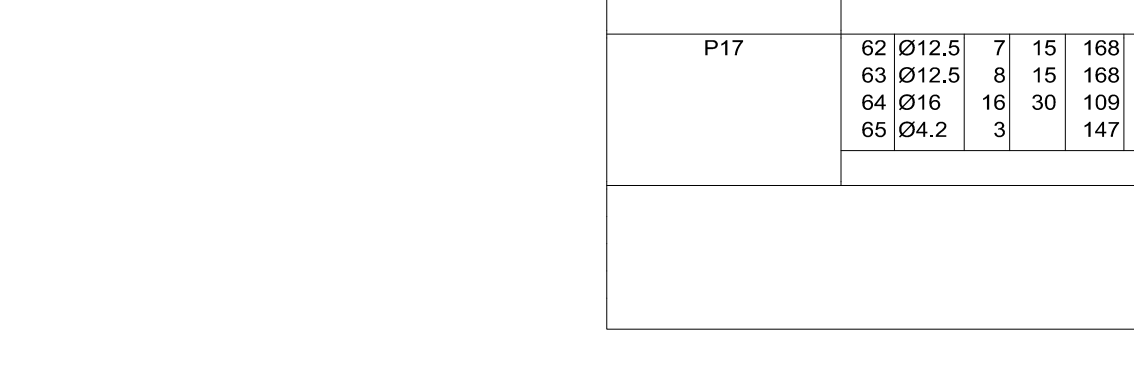
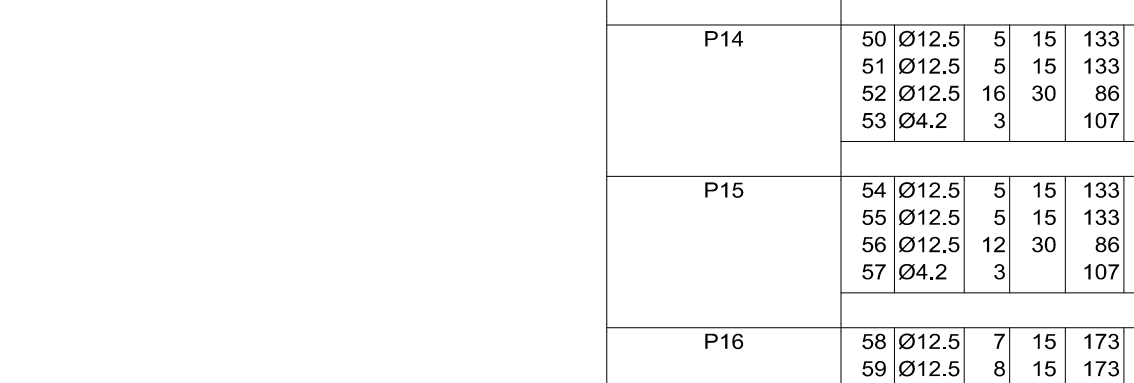
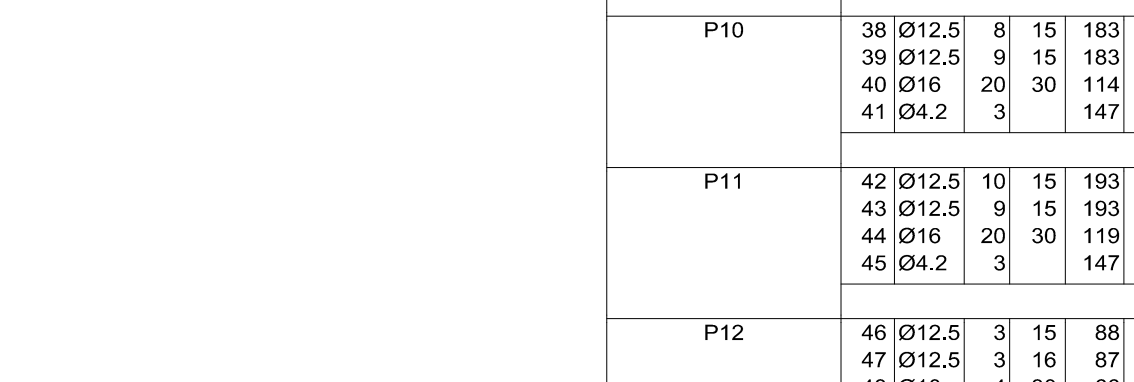
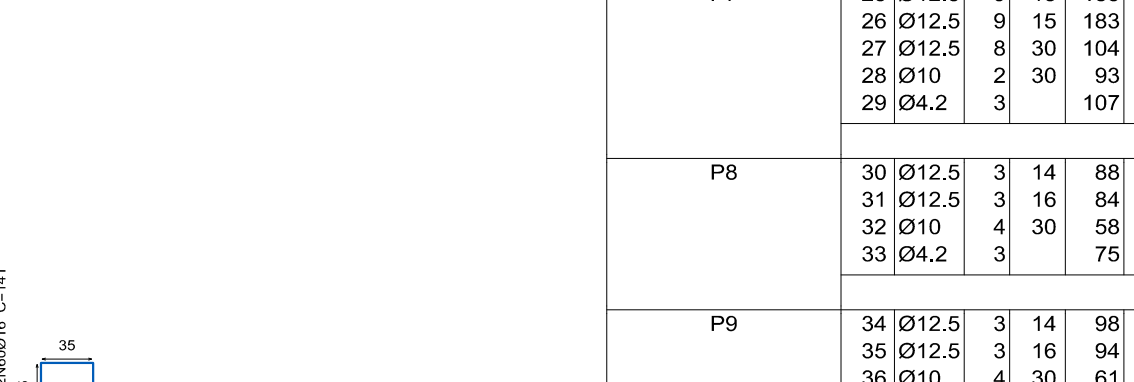
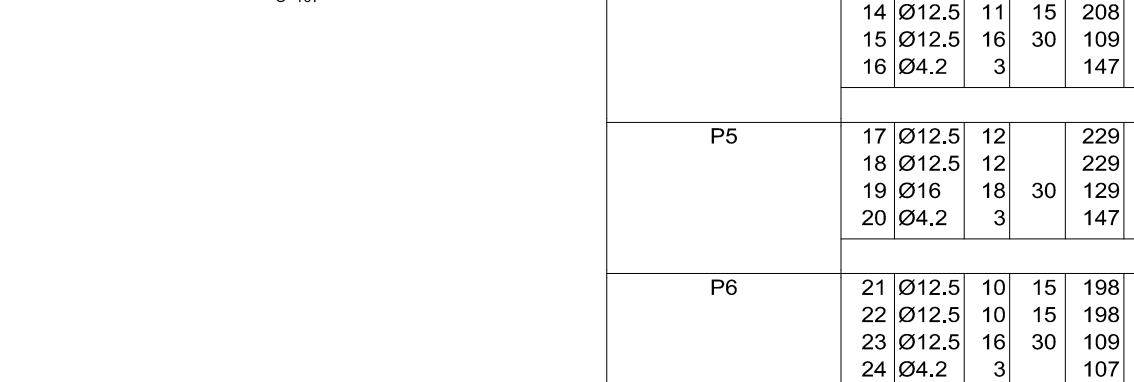
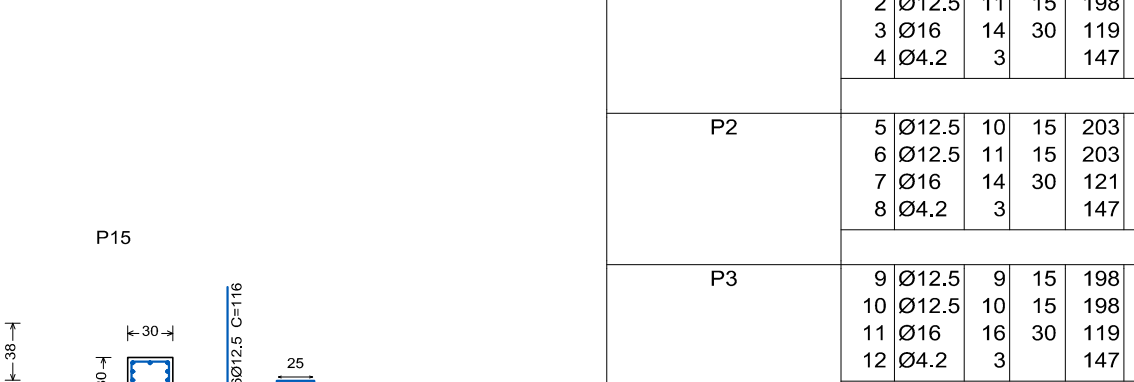
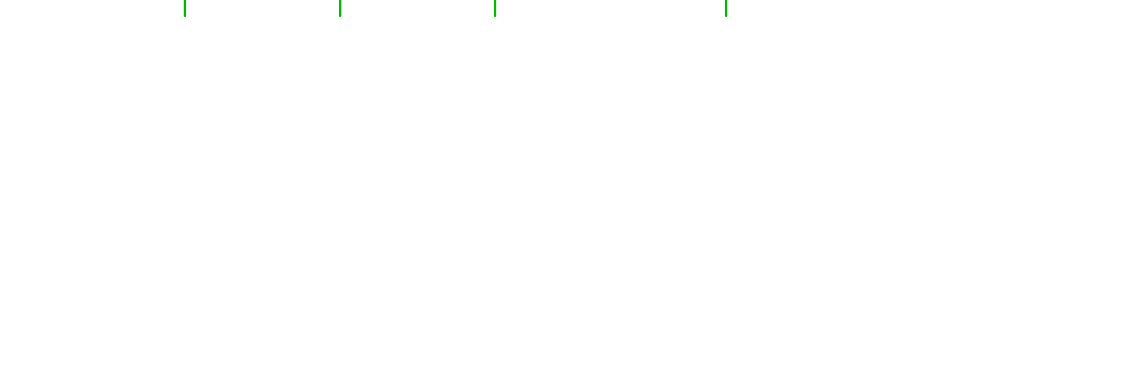
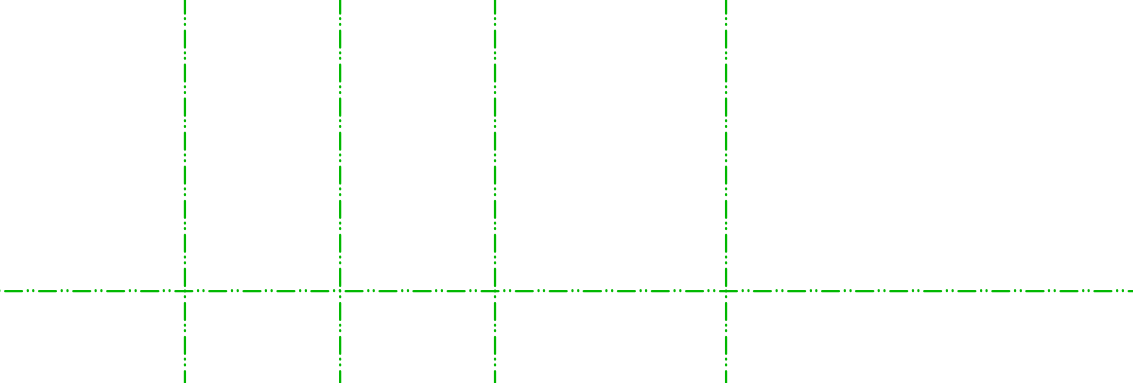
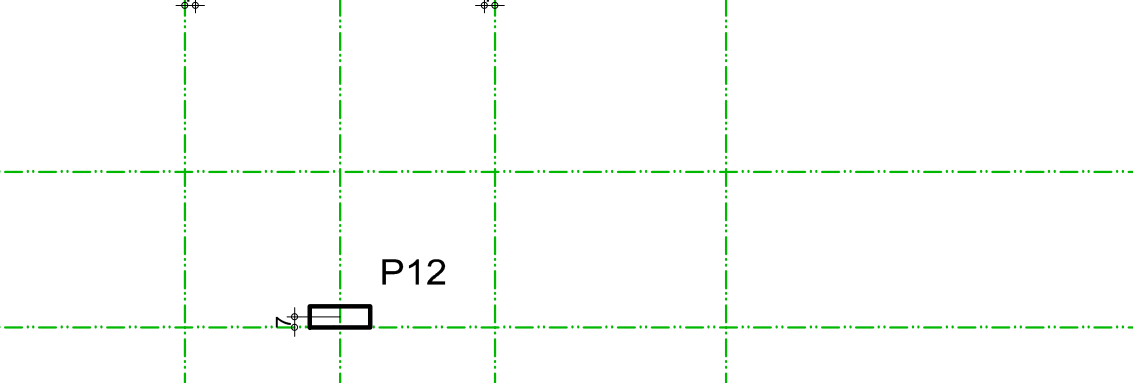
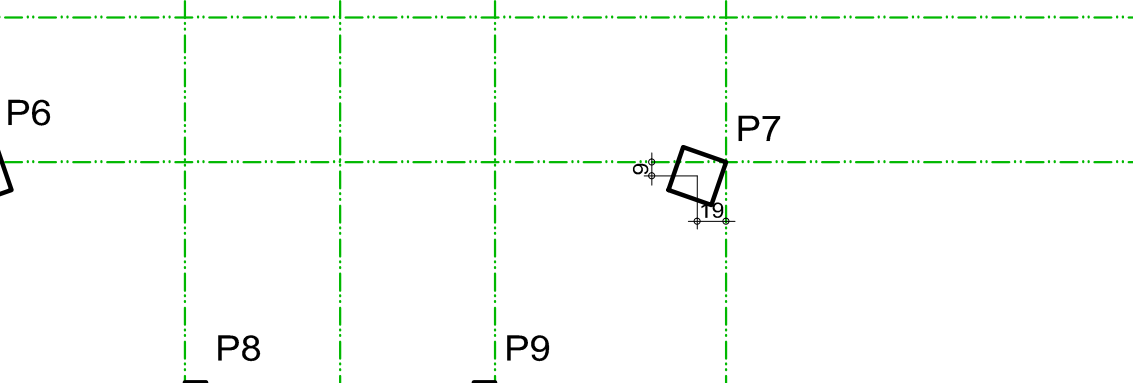
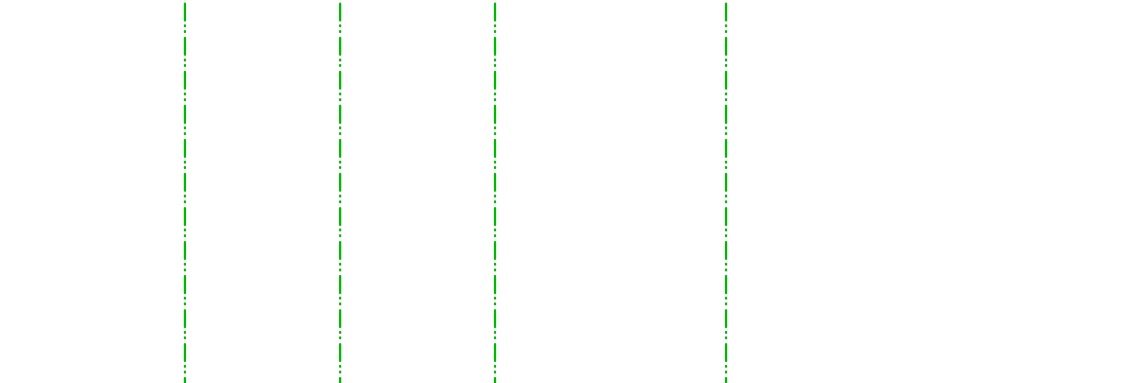
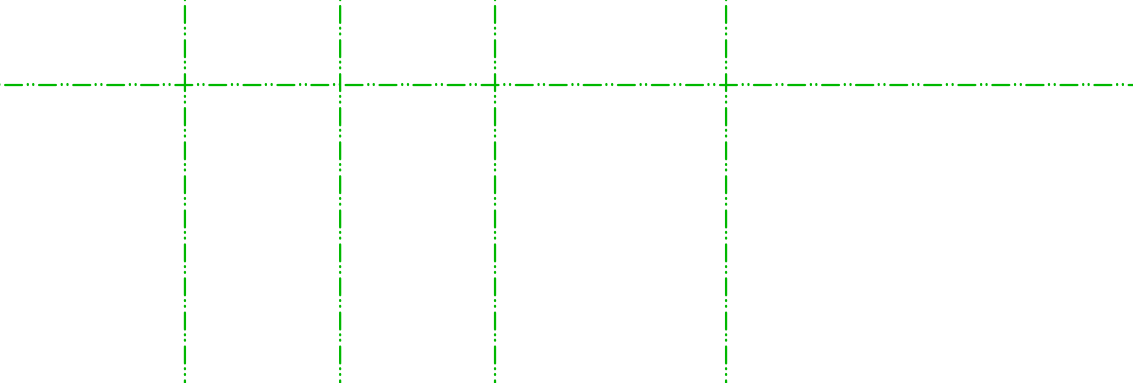
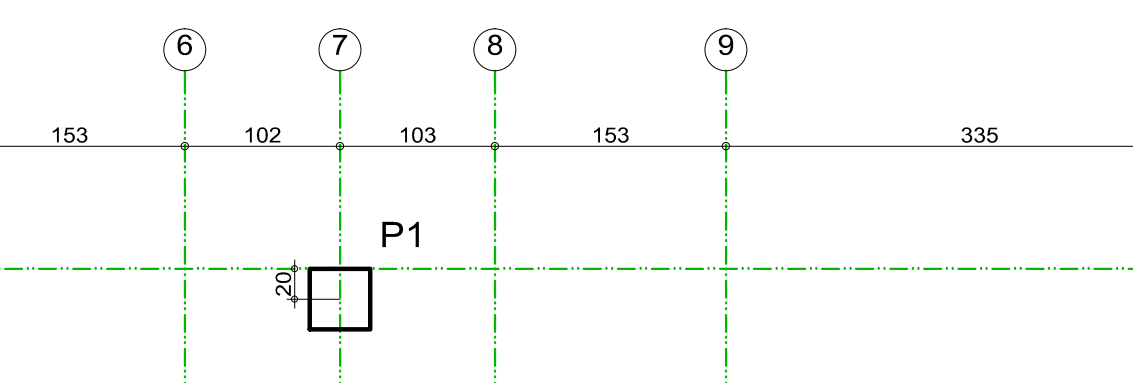
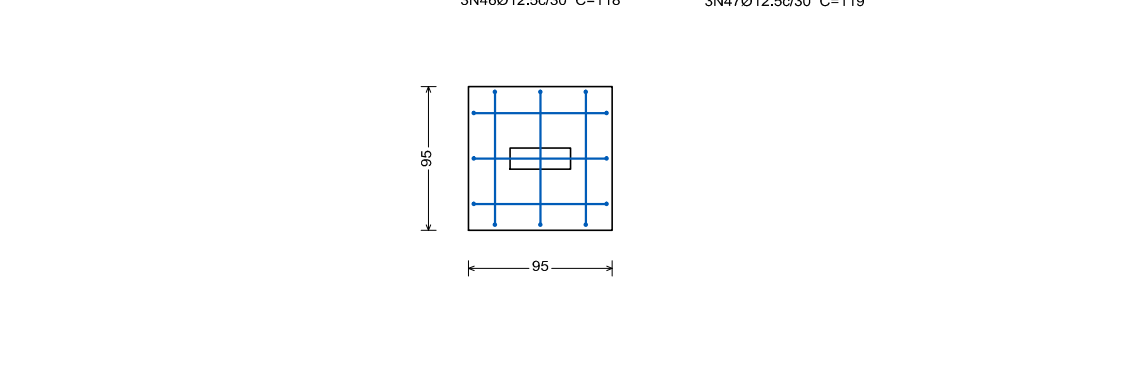
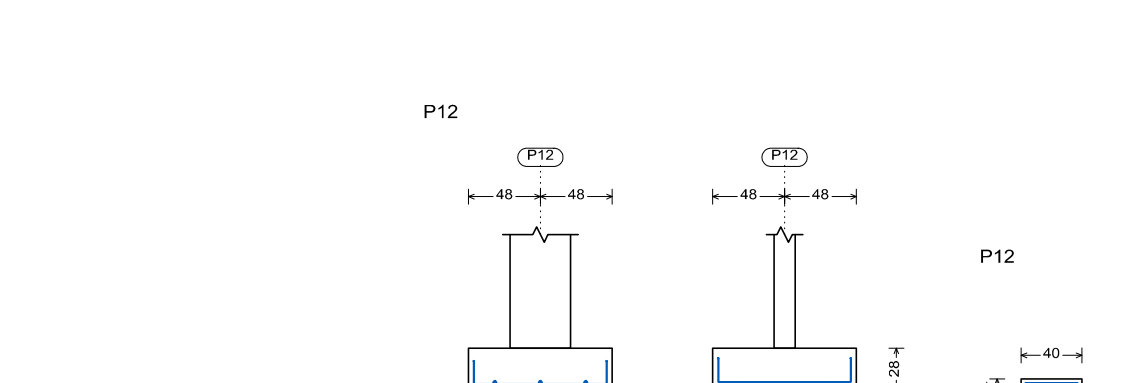
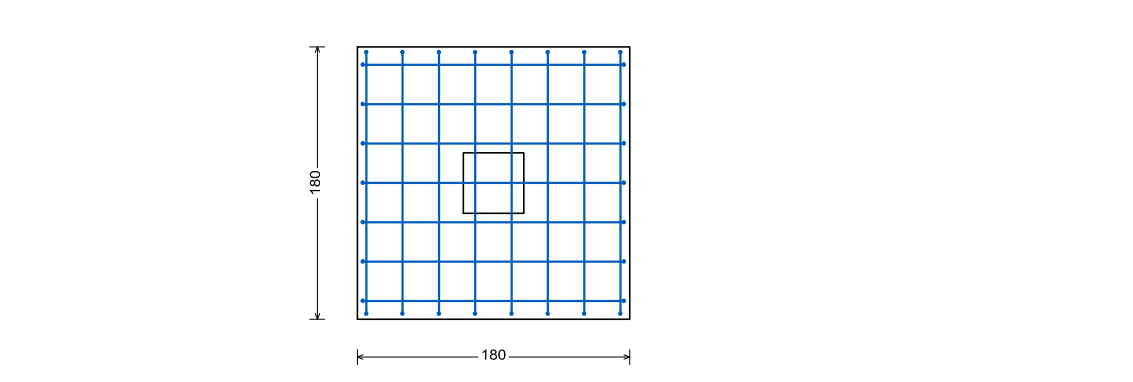
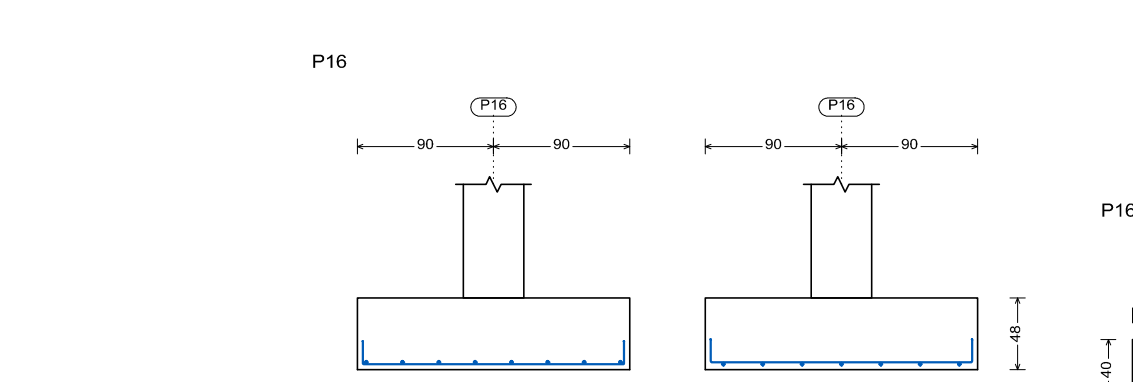
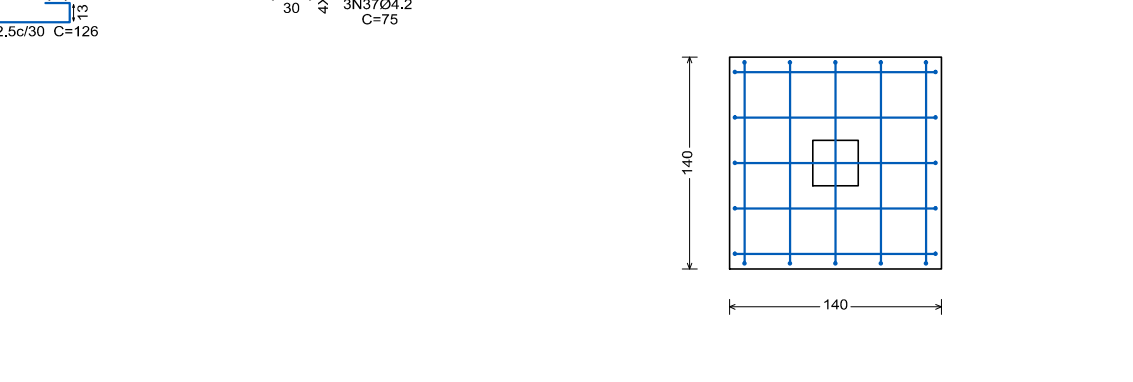
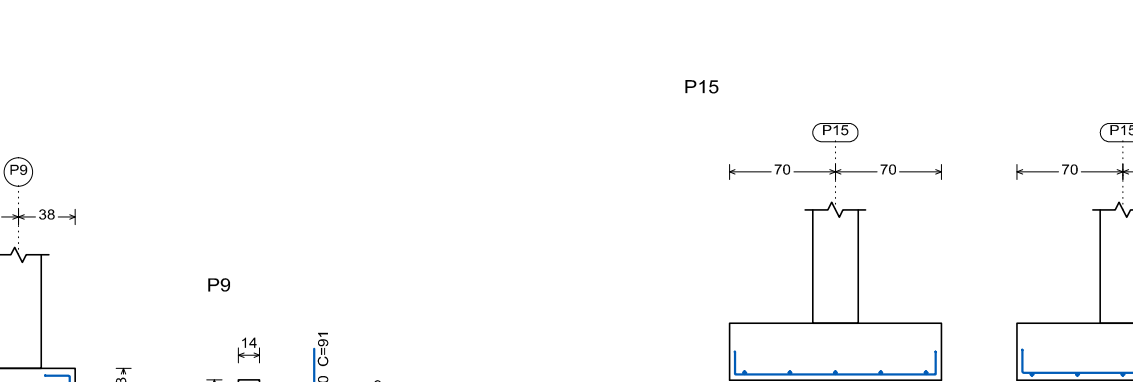
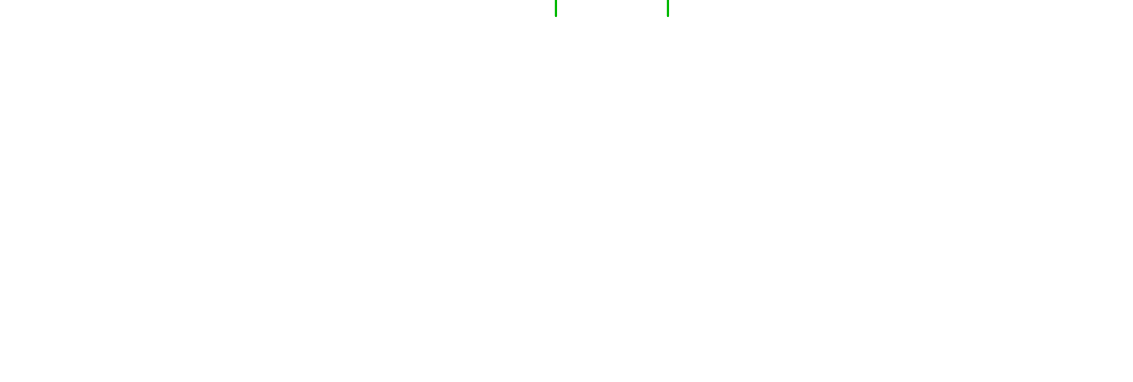
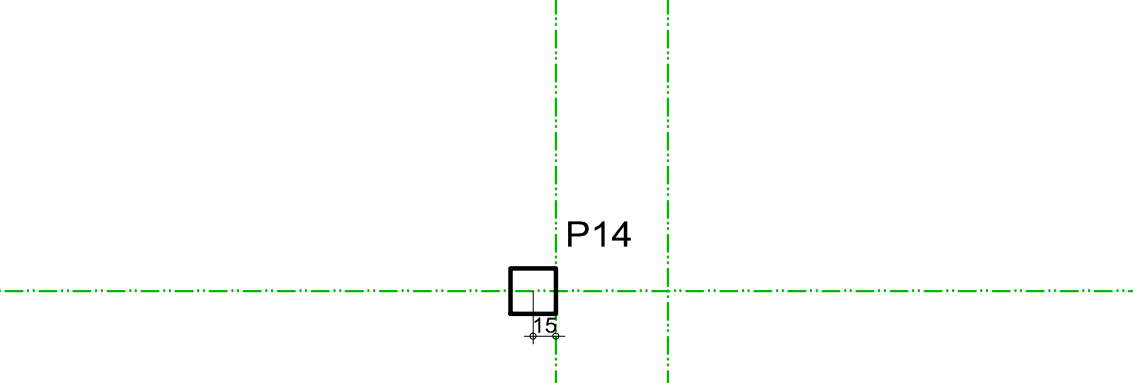
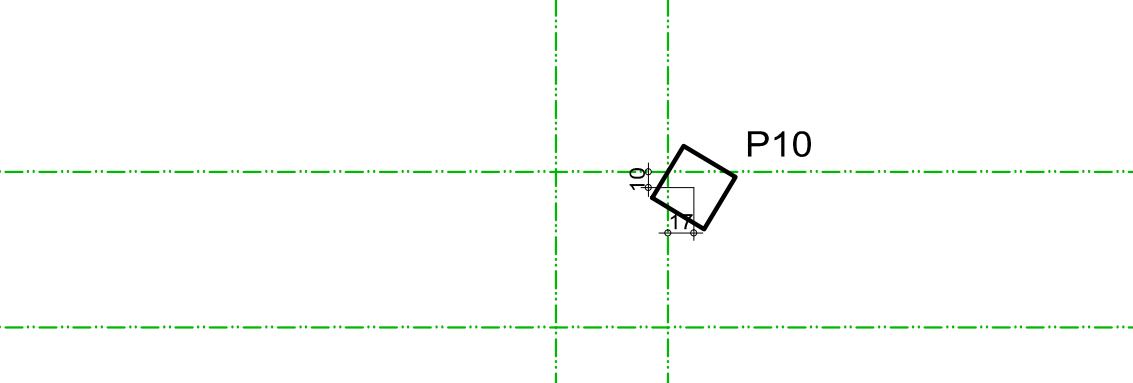
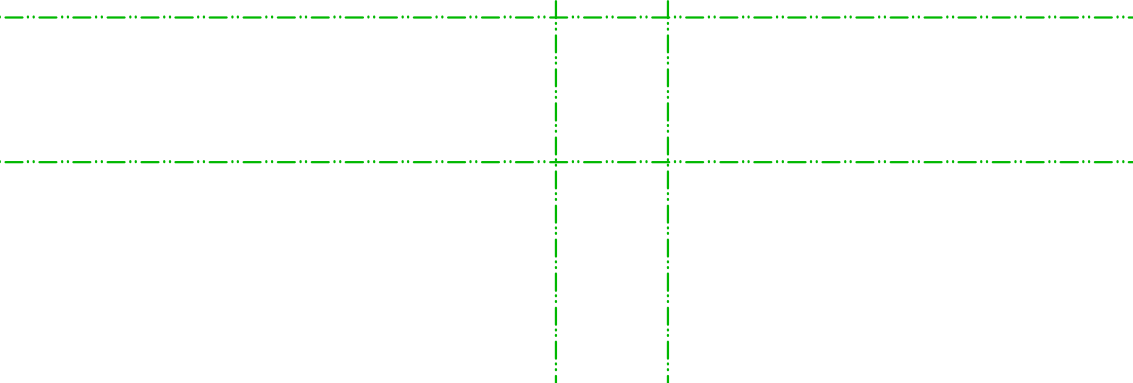
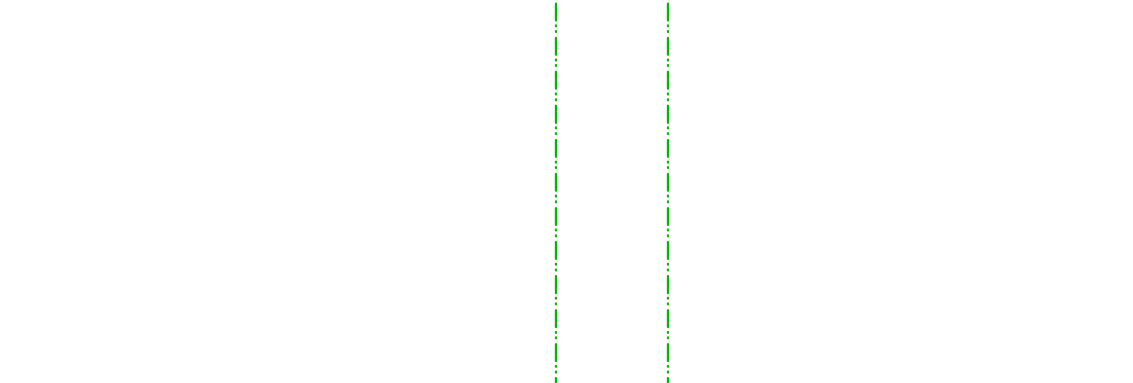
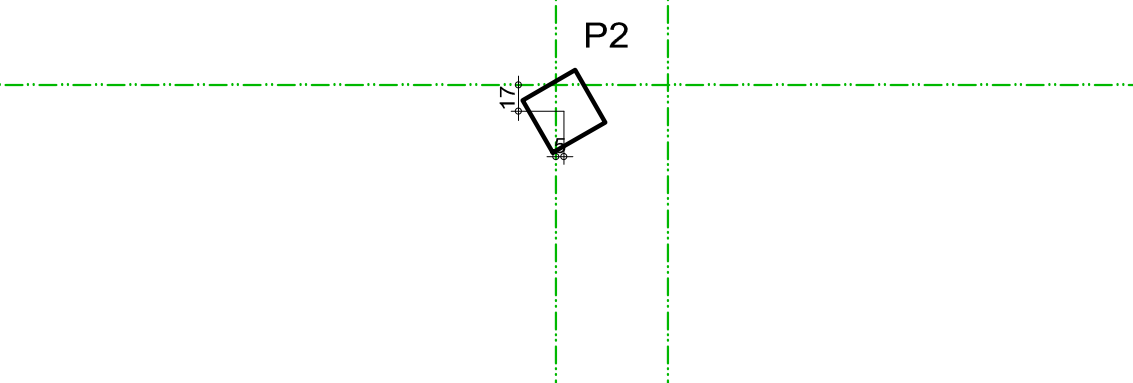
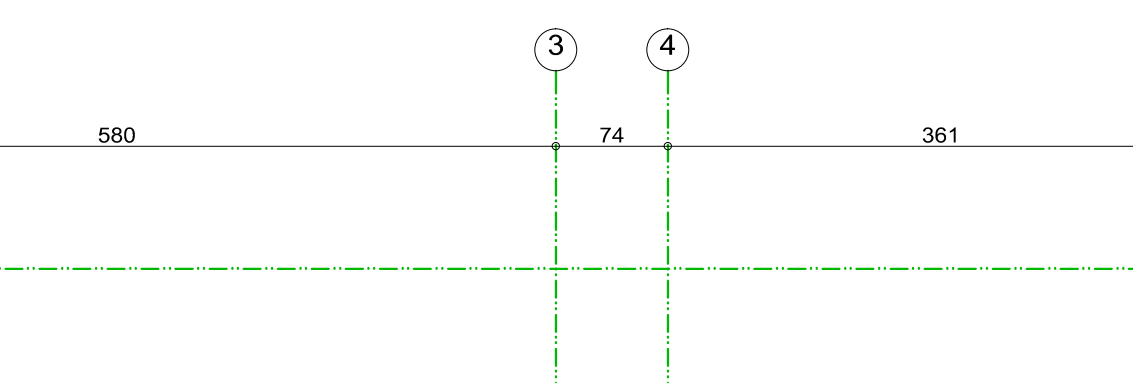
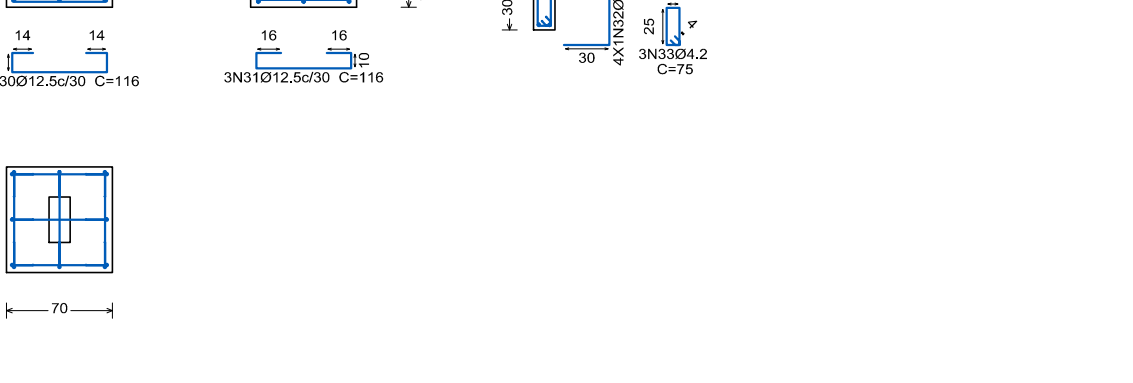
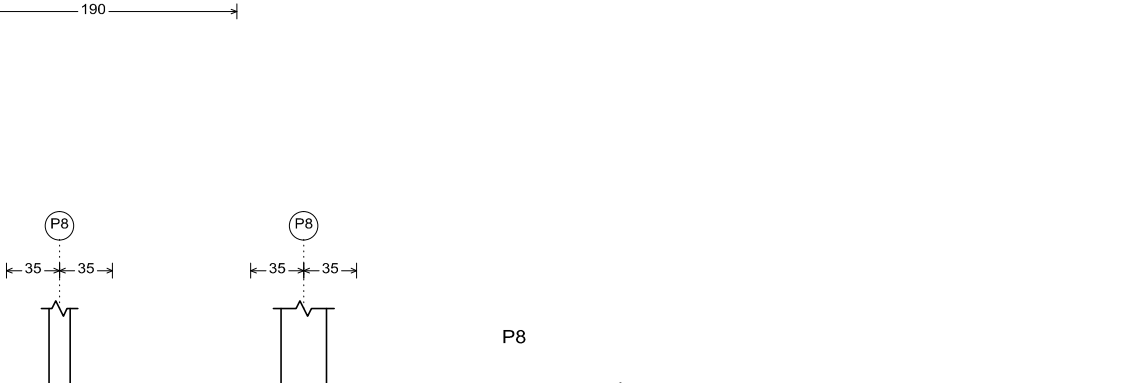
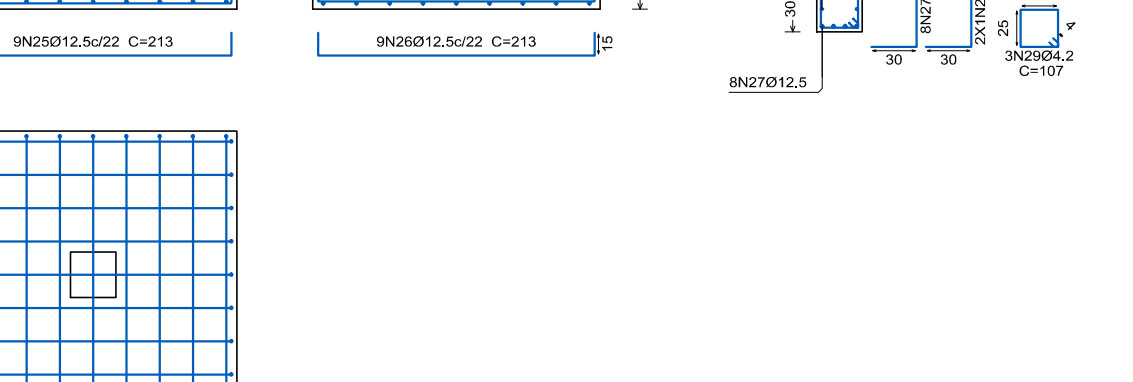
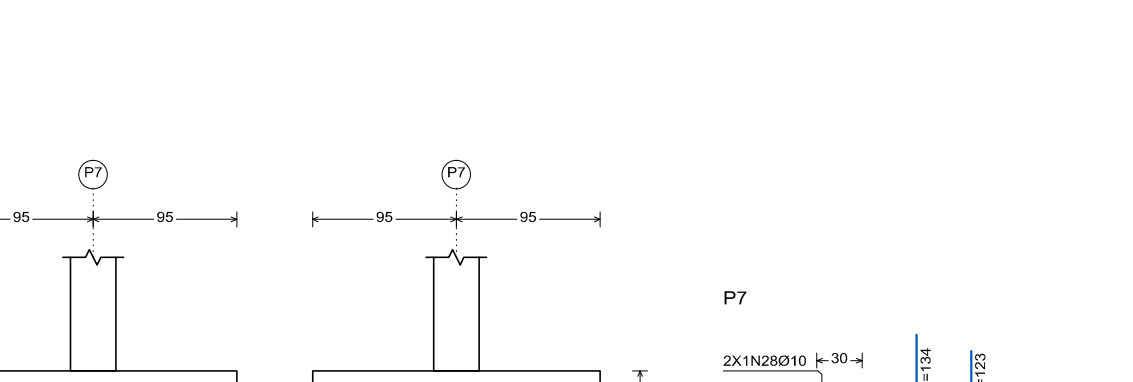
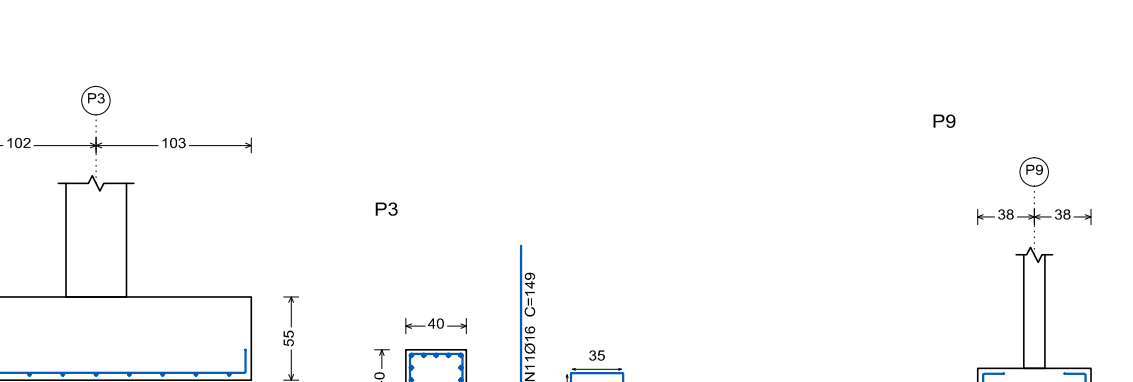
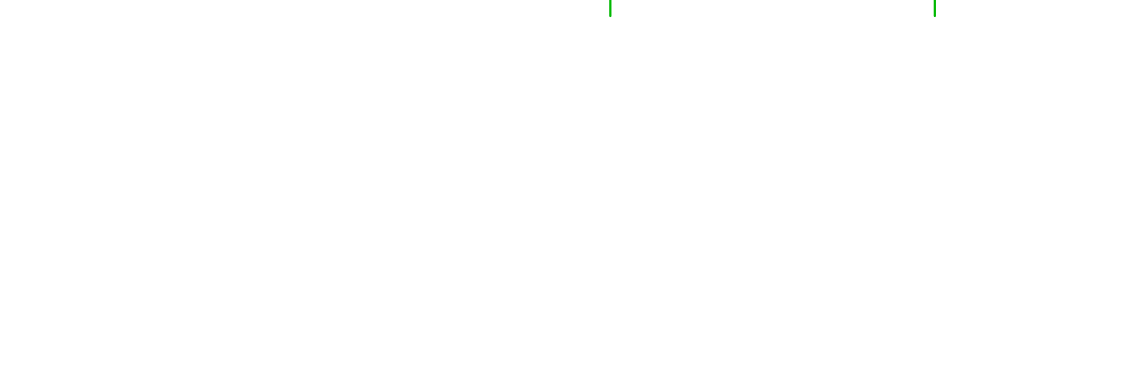
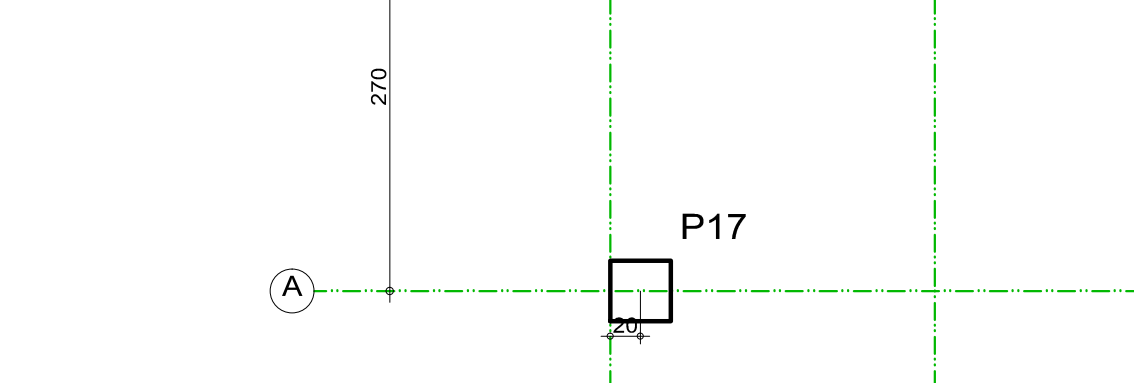
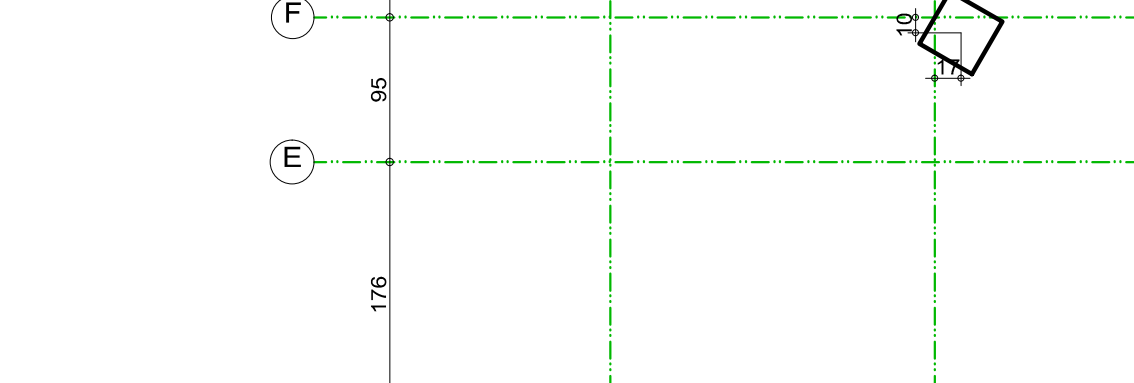
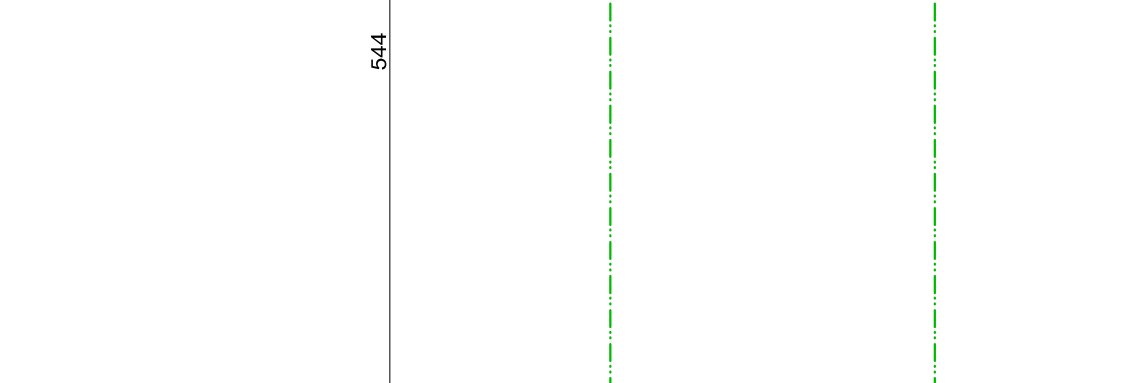
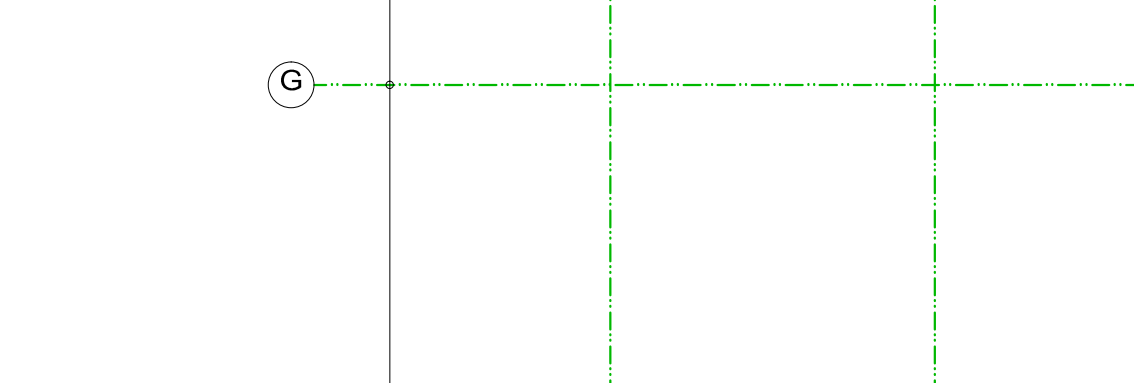
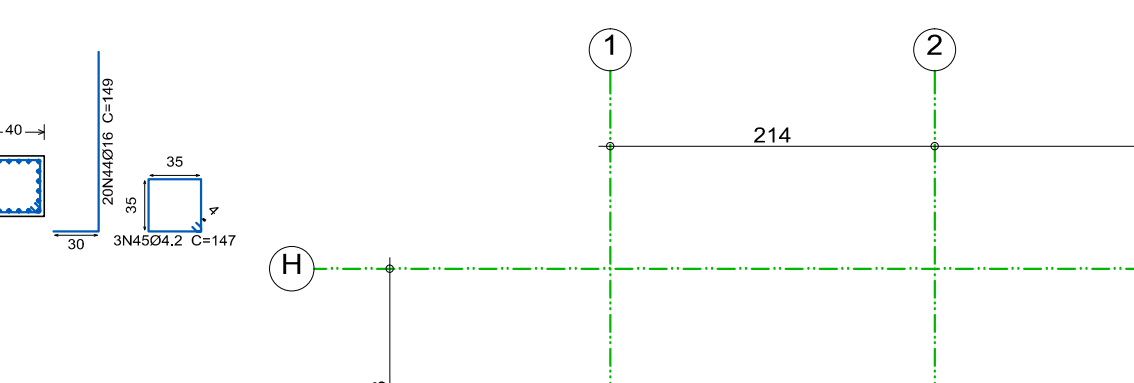
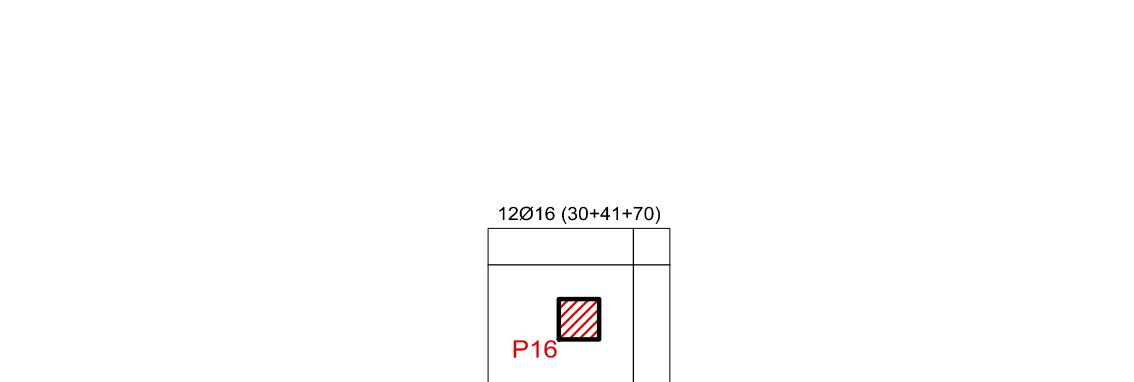
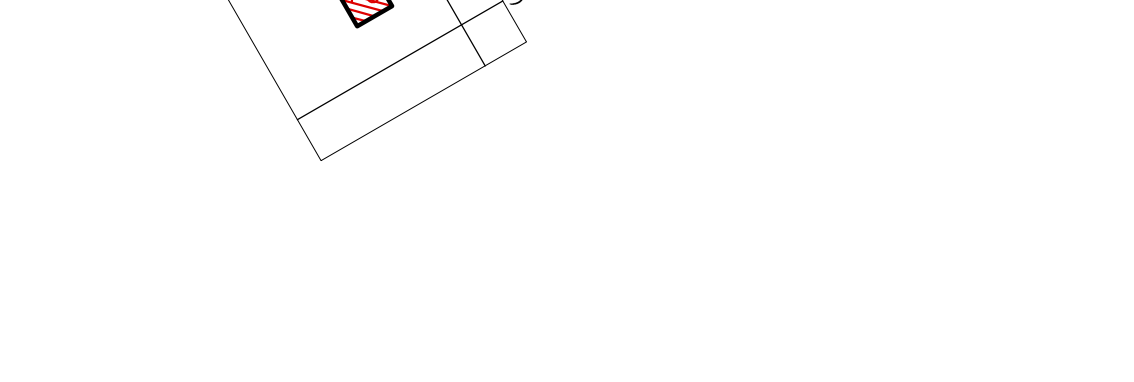
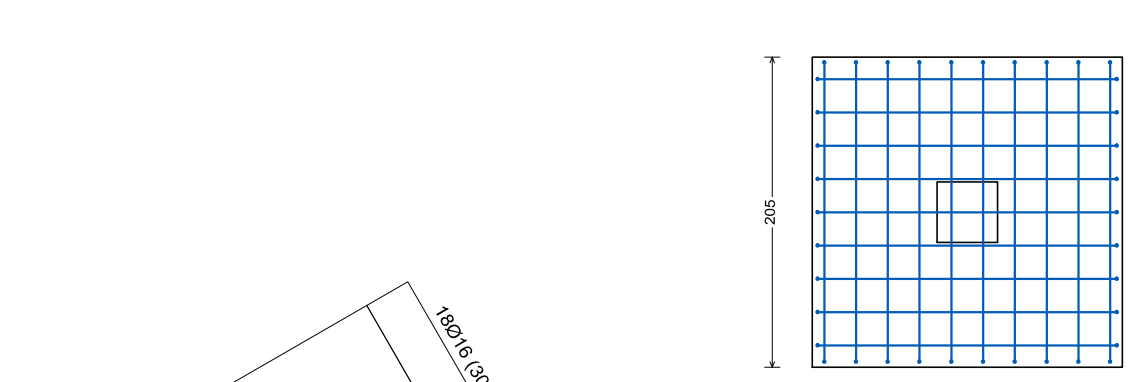
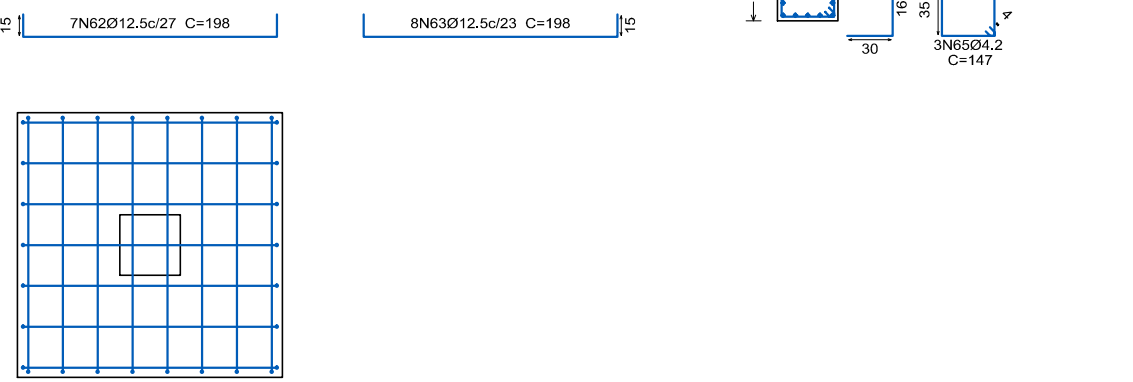
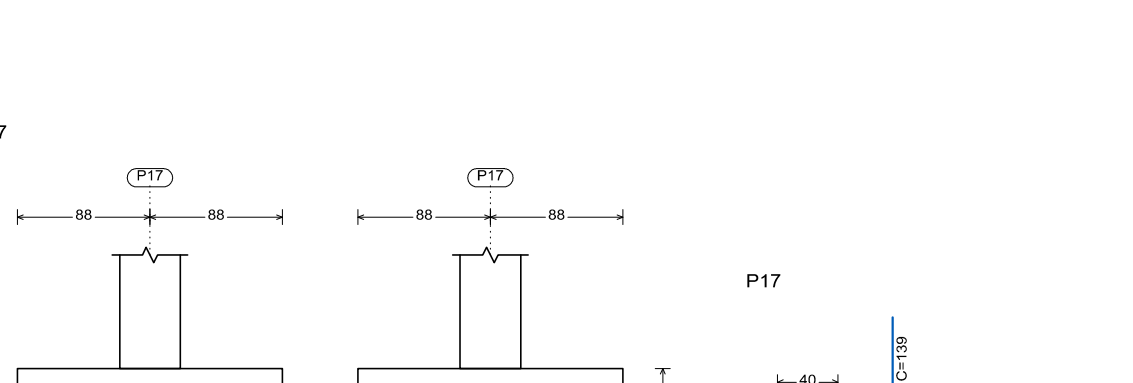
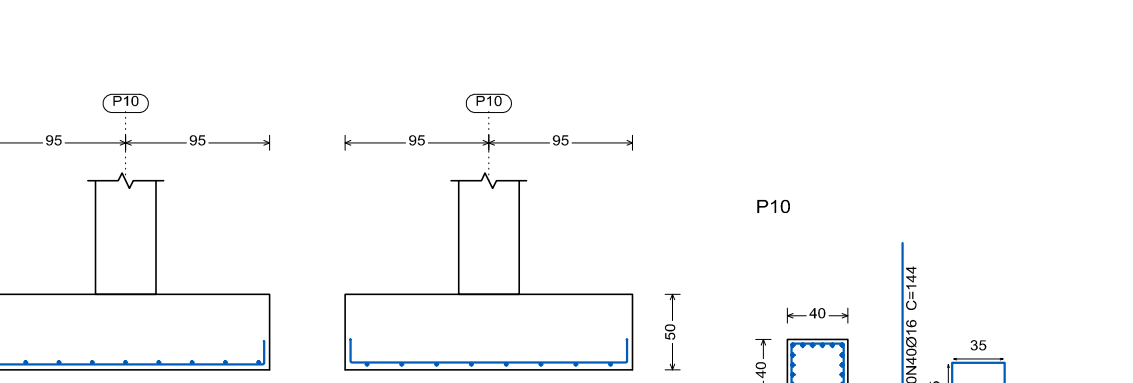
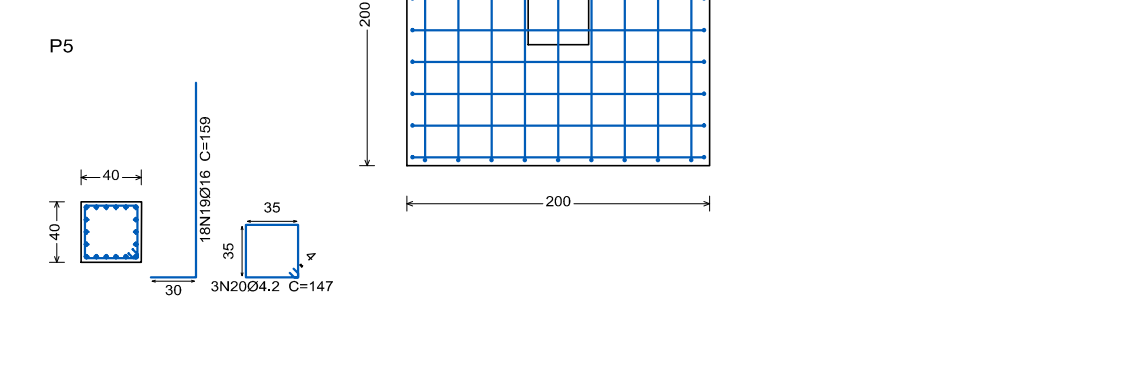
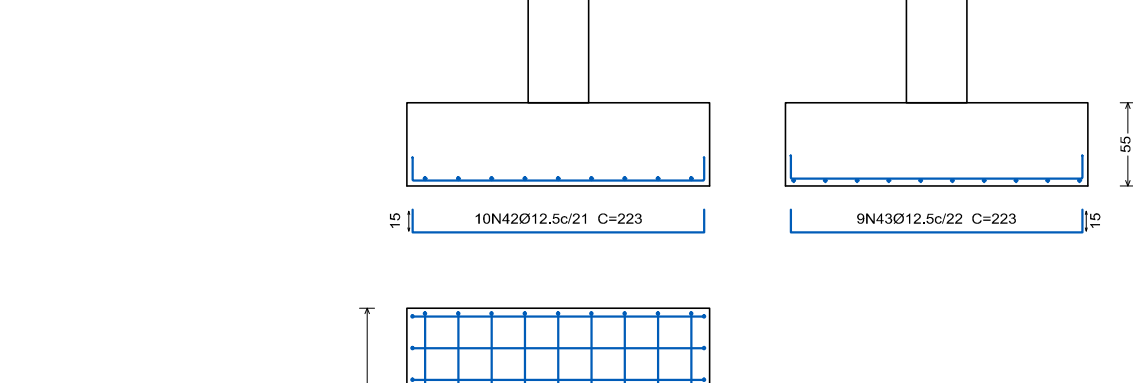
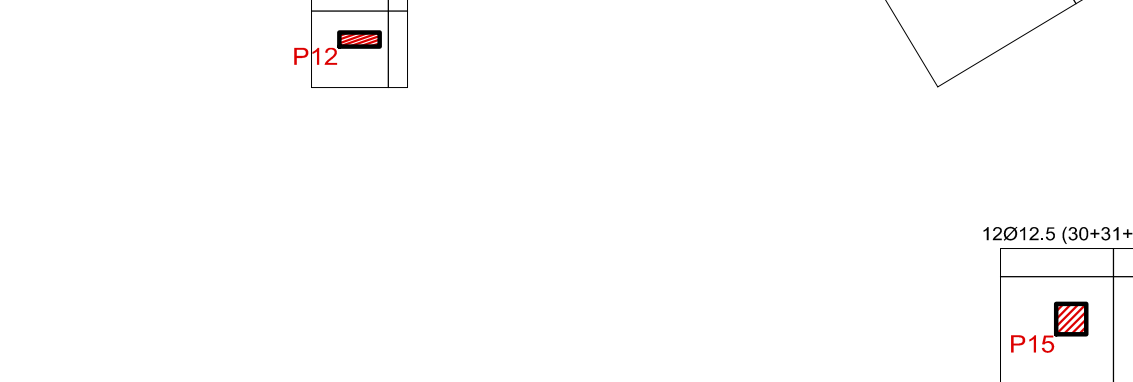
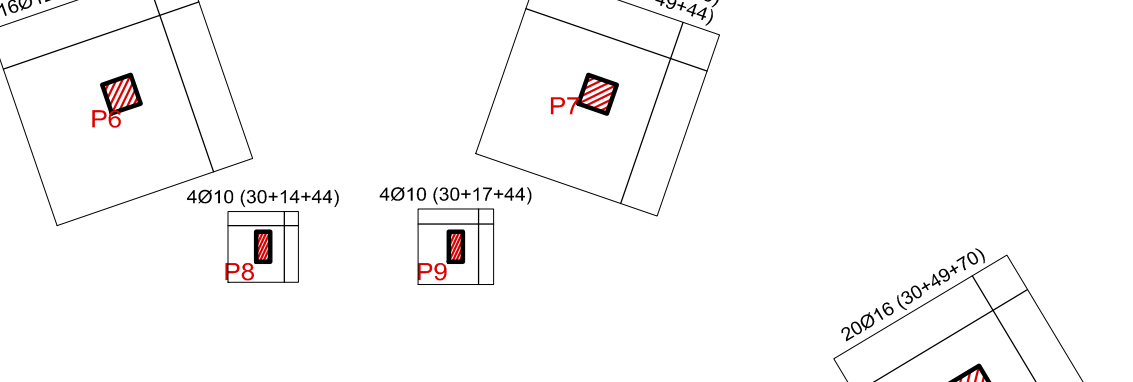
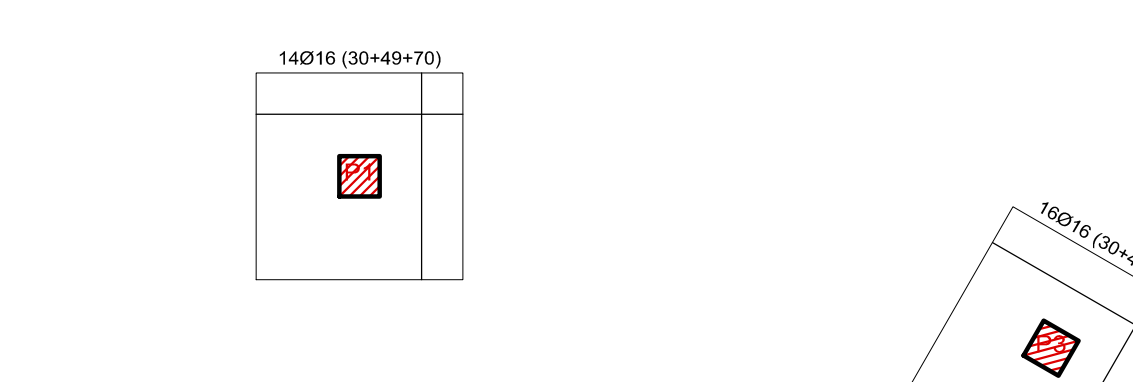
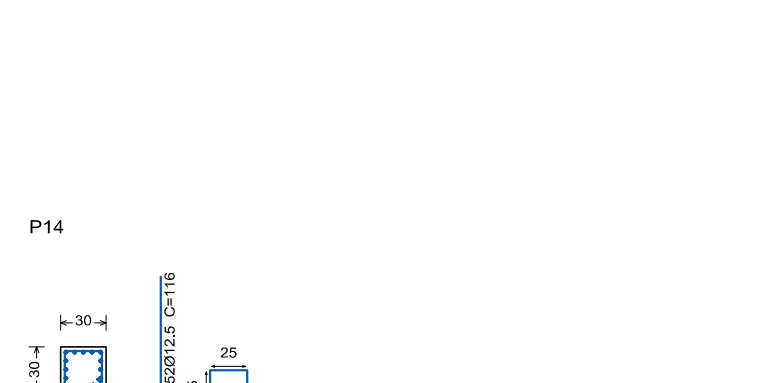
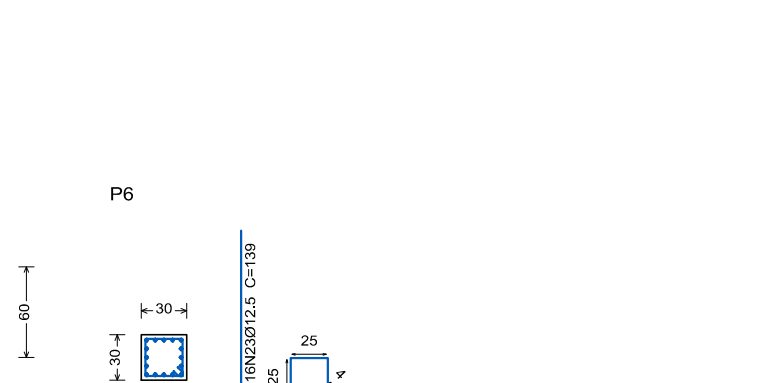
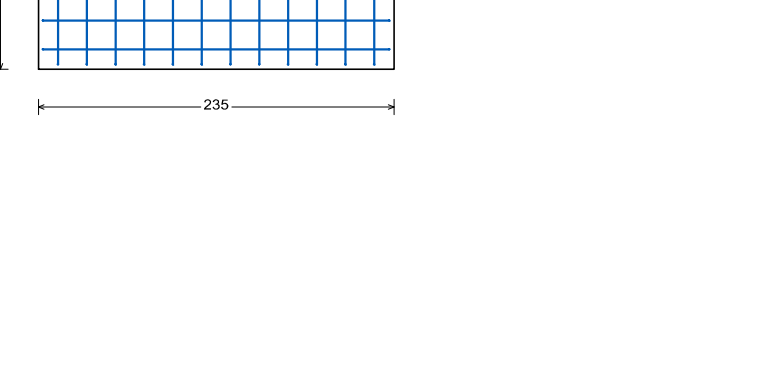
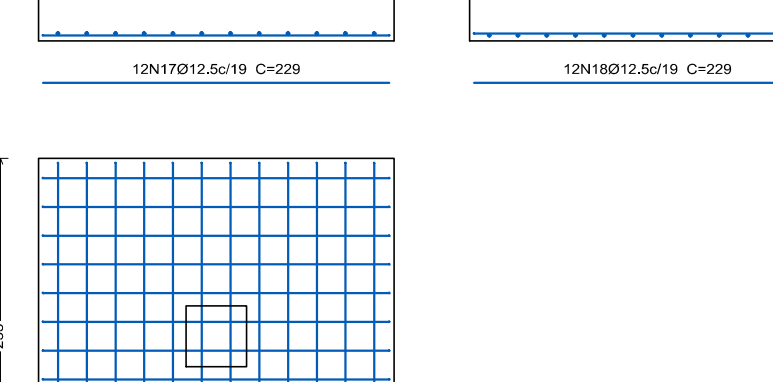
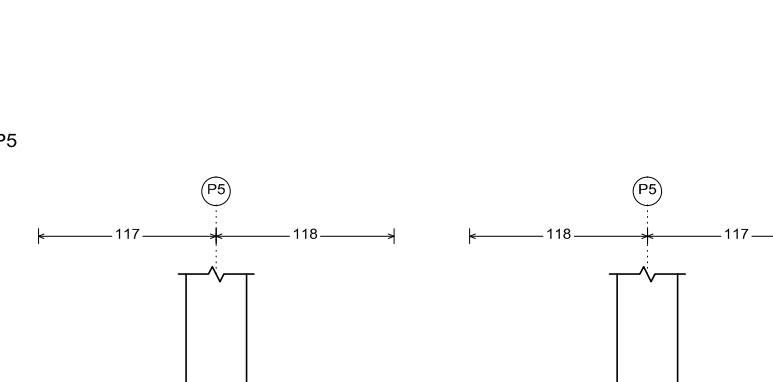
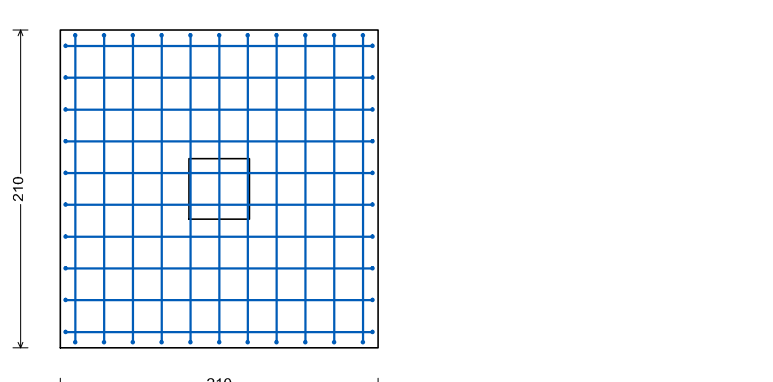
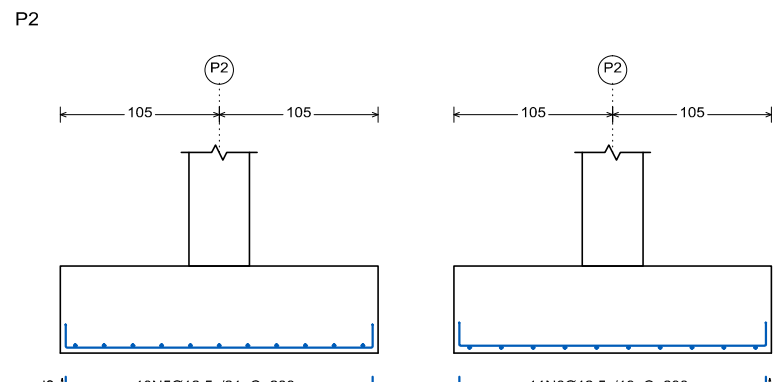
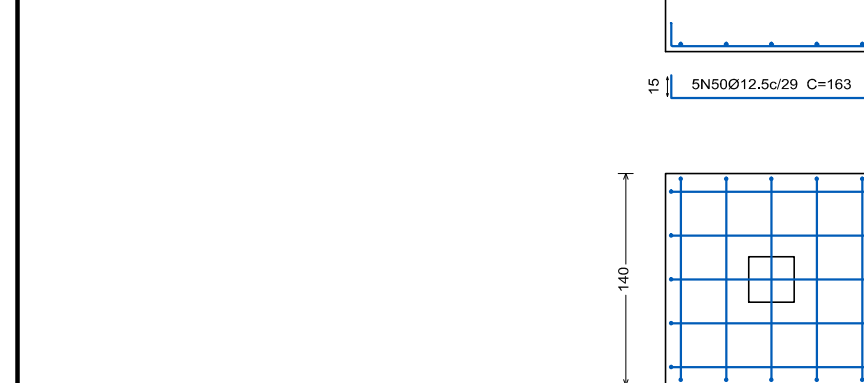
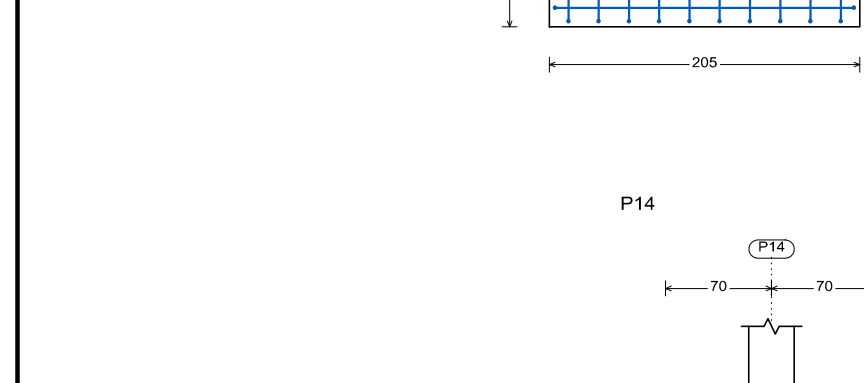
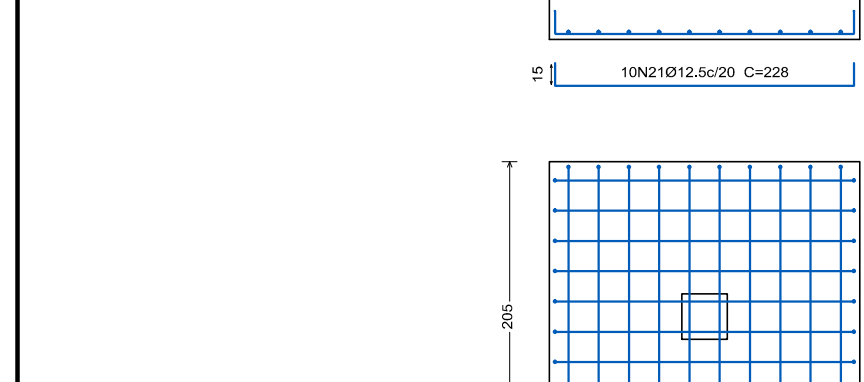
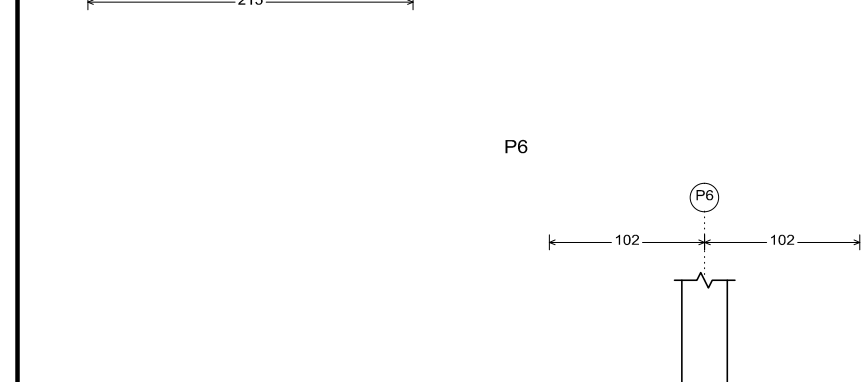
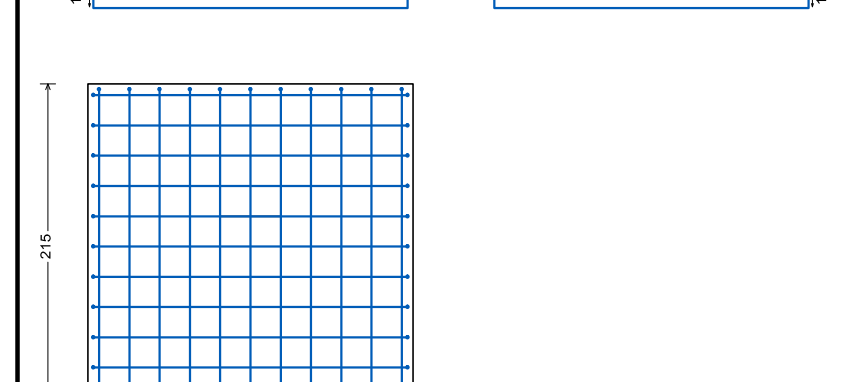
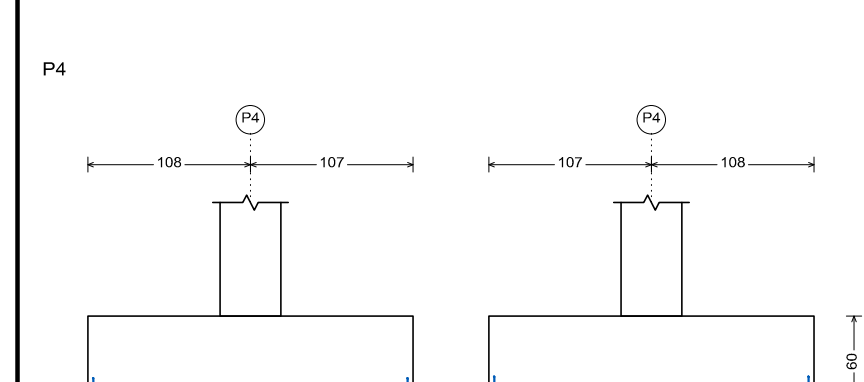
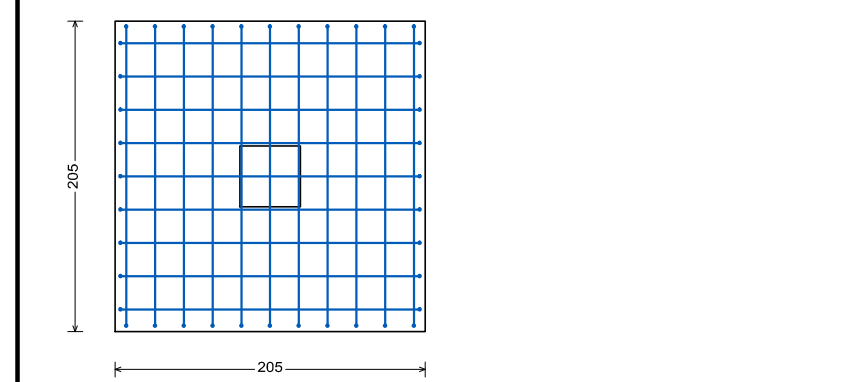
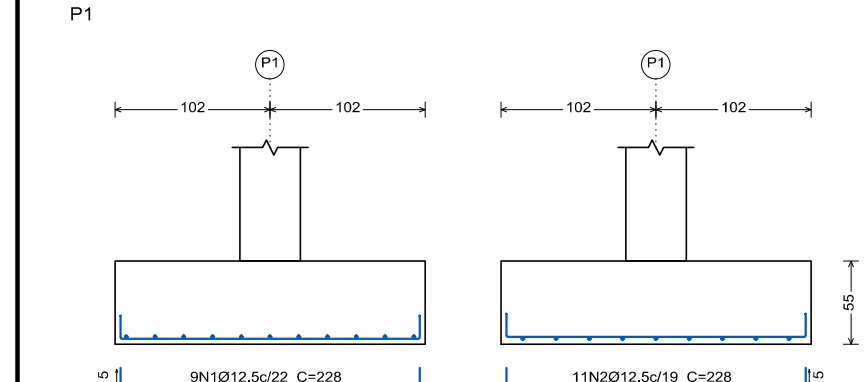
Resumo Aço	Comp. total (m)	Peso+10% (kg)	Total
CA-50-A	Ø10 13,5	9 658	
CA-50-B	Ø12,5 609,8	658 15 999	
CA-60-B	Ø16 192,2	332 7 1005	
CA-60-B	Ø4,2 59,9	7 1005	

Fundação
Detalhamento fundação
Concreto: C25, em geral
Escala: 1:75

Armadura
ØxN(xa+10x+c)
Ø10
Ø16

Referência	Dimensões (cm)	Altura (cm)	Armadura ref. X	Armadura ref. Y
P1	205x205	55	Ø10/2,5 CA-50-A v.22	Ø10/2,5 CA-50-A v.19
P2	205x205	57	Ø10/2,5 CA-50-A v.21	Ø10/2,5 CA-50-A v.19
P3	205x205	55	Ø10/2,5 CA-50-A v.22	Ø10/2,5 CA-50-A v.21
P4	219x215	65	Ø10/2,5 CA-50-A v.25	Ø10/2,5 CA-50-A v.20
P5	225x225	65	Ø10/2,5 CA-50-A v.19	Ø10/2,5 CA-50-A v.19
P6	205x205	60	Ø10/2,5 CA-50-A v.25	Ø10/2,5 CA-50-A v.20
P7	195x195	55	Ø10/2,5 CA-50-A v.22	Ø10/2,5 CA-50-A v.22
P8	75x75	25	Ø10/2,5 CA-50-A v.30	Ø10/2,5 CA-50-A v.30
P9	75x75	23	Ø10/2,5 CA-50-A v.30	Ø10/2,5 CA-50-A v.30
P10	185x195	35	Ø10/2,5 CA-50-A v.23	Ø10/2,5 CA-50-A v.22
P11	205x205	65	Ø10/2,5 CA-50-A v.21	Ø10/2,5 CA-50-A v.22
P12	91x95	28	Ø10/2,5 CA-50-A v.30	Ø10/2,5 CA-50-A v.30
P13	145x145	35	Ø10/2,5 CA-50-A v.28	Ø10/2,5 CA-50-A v.28
P14	145x145	35	Ø10/2,5 CA-50-A v.30	Ø10/2,5 CA-50-A v.30
P15	195x195	45	Ø10/2,5 CA-50-A v.28	Ø10/2,5 CA-50-A v.28
P16	175x175	45	Ø10/2,5 CA-50-A v.27	Ø10/2,5 CA-50-A v.23

Armadura
ØxN(xa+10x+c)
Ø10
Ø16



Elemento	Pos. Diâm.	Q. Ø	Doc. Reço	ØxN	Comp.	Total	CA-50-A	CA-60-B	
P1	1	Ø12,5	9	15	198	15	228	2052	20,1
	2	Ø12,5	11	15	198	15	228	2508	24,6
	3	Ø16	14	30	119	149	2098	32,8	0,5
	4	Ø4,2	3	147	147	147	441		0,6
P2	5	Ø12,5	10	15	203	15	233	2330	22,9
	6	Ø12,5	11	15	203	15	233	2563	25,1
	7	Ø16	14	30	121	151	2114	33,2	0,5
	8	Ø4,2	3	147	147	147	441		0,6
P3	9	Ø12,5	9	15	198	15	228	2052	20,1
	10	Ø12,5	10	15	198	15	228	2280	22,4
	11	Ø16	16	30	119	149	2384	37,4	0,5
	12	Ø4,2	3	147	147	147	441		0,6
P4	13	Ø12,5	11	15	208	15	238	2618	25,7
	14	Ø12,5	11	15	208	15	238	2818	25,7
	15	Ø12,5	16	30	109	139	2224	21,8	0,5
	16	Ø4,2	3	147	147	147	441		0,6
P5	17	Ø12,5	12	229	229	229	2748	27,0	0,5
	18	Ø12,5	12	229	229	229	2748	27,0	0,5
	19	Ø16	18	30	129	159	2862	44,9	0,5
	20	Ø4,2	3	147	147	147	441		0,6
P6	21	Ø12,5	10	15	198	15	228	2280	22,4
	22	Ø12,5	10	15	198	15	228	2280	22,4
	23	Ø12,5	16	30	109	139	2224	21,8	0,4
	24	Ø4,2	3	107	107	107	321		0,4
P7	25	Ø12,5	9	15	183	15	213	1917	18,8
	26	Ø12,5	9	15	183	15	213	1917	18,8
	27	Ø12,5	8	30	104	134	1072	10,5	0,4
	28	Ø10	2	30	93	123	246	1,5	0,4
P8	29	Ø4,2	3	107	107	107	321		0,4
	30	Ø12,5	3	14	88	14	116	348	3,4
	31	Ø12,5	3	16	84	16	116	348	3,4
	32	Ø10	4	30	58	88	352	2,2	0,2
P9	33	Ø4,2	3	75	75	75	225		0,2
	34	Ø12,5	3	14	98	14	126	378	3,7
	35	Ø12,5	3	16	94	16	126	378	3,7
	36	Ø10	4	30	61	91	364	2,3	0,2
P10	37	Ø4,2	3	75	75	75	225		0,2
	38	Ø12,5	8	15	183	15	213	1704	16,7
	39	Ø12,5	9	15	183	15	213	1917	18,8
	40	Ø16	20	30	114	144	2880	45,2	0,5
P11	41	Ø4,2	3	147	147	147	441		0,5
	42	Ø12,5	10	15	193	15	223	2230	21,9
	43	Ø12,5	9	15	193	15	223	2007	19,7
	44	Ø16	20	30	119	149	2060	46,8	0,5
P12	45	Ø4,2	3	147	147	147	441		0,5
	46	Ø12,5	3	15	88	15	118	364	3,5
	47	Ø12,5	3	16	87	16	119	357	3,5
	48	Ø10	4	30	66	96	384	2,4	0,3
P14	49	Ø4,2	3	95	95	95	285		0,3
	50	Ø12,5	5	15	133	15	163	815	8,0
	51	Ø12,5	5	15	133	15	163	815	8,0
	52	Ø12,5	16	30	86	116	1856	18,2	0,4
P15	53	Ø4,2	3	107	107	107	321		0,4
	54	Ø12,5	5	15	133	15	163	815	8,0
	55	Ø12,5	5	15	133	15	163	815	8,0
	56	Ø12,5	12	30	86	116	1392	13,7	0,4
P16	57	Ø4,2	3	107	107	107	321		0,4
	58	Ø12,5	7	15	173	15	203	1421	13,9
	59	Ø12,5	8	15	173	15	203	1584	15,9
	60	Ø16	12	30	111	141	1692	26,6	0,5
P17	61	Ø4,2	3	147	147	147	441		0,5
	62	Ø12,5	7	15	168	15	198	1386	13,6
	63	Ø12,5	8	15	168	15	198	1584	15,6
	64	Ø16	16	30	109	139	2224	21,8	0,5
P18	65	Ø4,2	3	147	147	147	441		0,5
	66	Ø12,5	10	15	198	15	228	2280	22,4
	67	Ø12,5	11	15	198	15	228	2508	24,6
	68	Ø16	14	30	119	149	2098	32,8	0,5