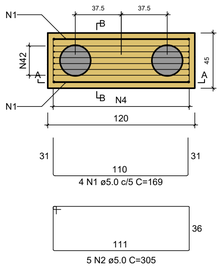
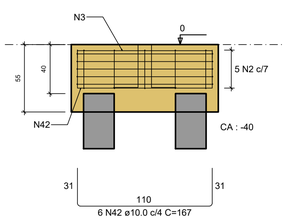
B4=B5=B7
2xR20

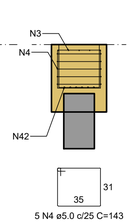
PLANTA
ESC 1:25



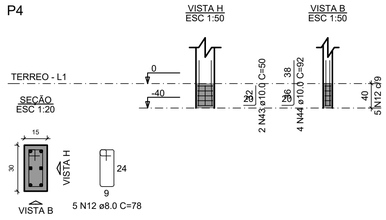
CORTE A-A
ESC 1:25



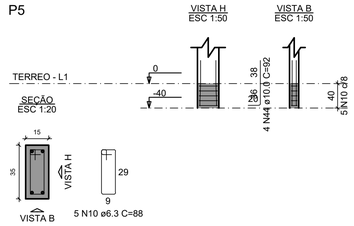
CORTE B-B
ESC 1:25



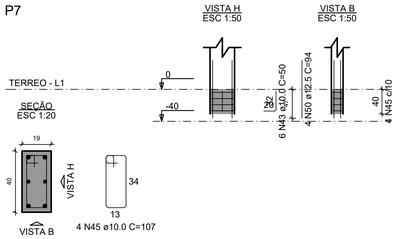
P4



P5

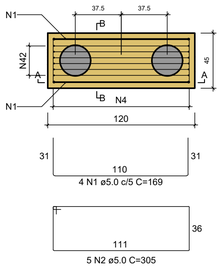


P7

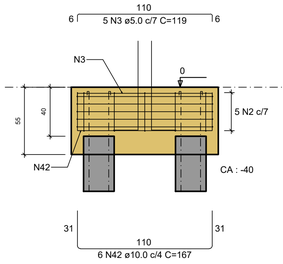


B14
2xR20

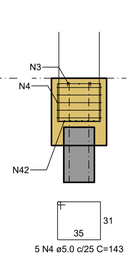
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25

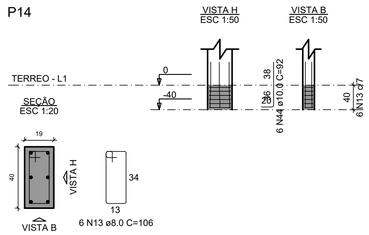


CORTE B-B
ESC 1:25

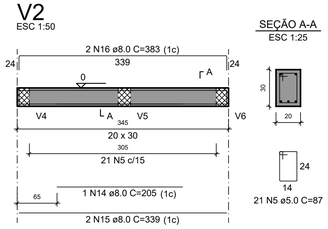


Aviso - Bloco com estaca tracionada:
Prever armaduras das estacas
ancoradas na face superior do bloco.

P14

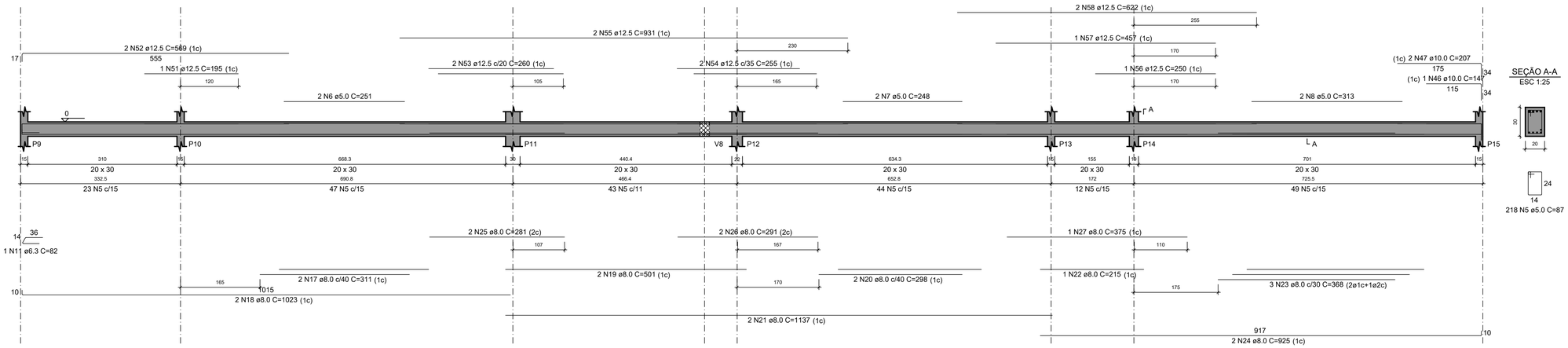


V2
ESC 1:50



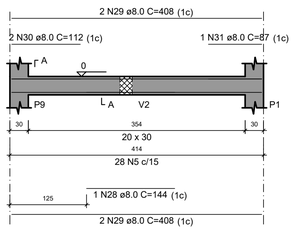
SEÇÃO A-A
ESC 1:25

V3
ESC 1:50

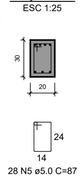


SEÇÃO A-A
ESC 1:25

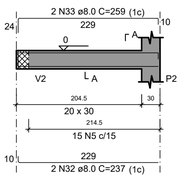
V4
ESC 1:50



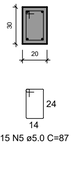
SEÇÃO A-A
ESC 1:25



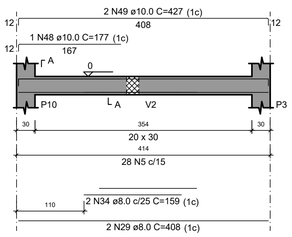
V5
ESC 1:50



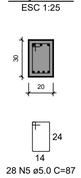
SEÇÃO A-A
ESC 1:25



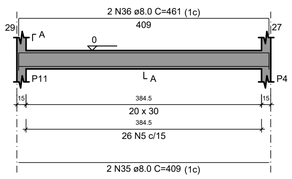
V6
ESC 1:50



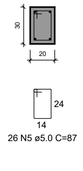
SEÇÃO A-A
ESC 1:25



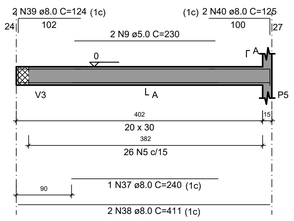
V7
ESC 1:50



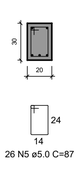
SEÇÃO A-A
ESC 1:25



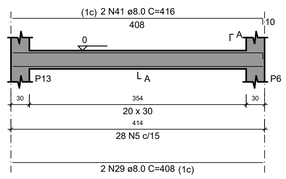
V8
ESC 1:50



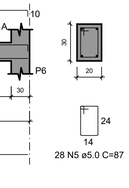
SEÇÃO A-A
ESC 1:25



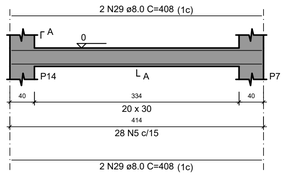
V9
ESC 1:50



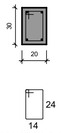
SEÇÃO A-A
ESC 1:25



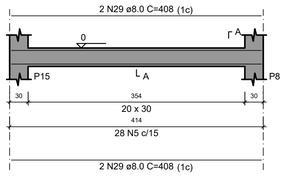
V10
ESC 1:50



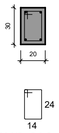
SEÇÃO A-A
ESC 1:25



V11
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

3xB7	B14	P4
P5	P7	P14
V2	V3	V4
V5	V6	V7
V8	V9	V10
V11		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	16	169	2704
	2	5.0	20	305	6100
	3	5.0	20	119	2380
	4	5.0	20	143	2860
	5	5.0	446	87	38802
	6	5.0	2	251	502
	7	5.0	2	248	496
	8	5.0	2	313	626
	9	5.0	2	230	460
CA50	10	6.3	5	88	440
	11	6.3	1	82	82
	12	8.0	5	78	390
	13	8.0	6	106	636
	14	8.0	1	205	205
	15	8.0	2	339	678
	16	8.0	2	383	766
	17	8.0	2	311	622
	18	8.0	2	1023	2046
	19	8.0	2	501	1002
	20	8.0	2	298	596
	21	8.0	2	1137	2274
	22	8.0	1	215	215
	23	8.0	3	368	1104
	24	8.0	2	925	1850
	25	8.0	2	281	562
	26	8.0	2	291	582
	27	8.0	1	375	375
	28	8.0	1	144	144
	29	8.0	16	408	6528
	30	8.0	2	112	224
	31	8.0	1	87	87
	32	8.0	2	237	474
	33	8.0	2	259	518
	34	8.0	2	159	318
	35	8.0	2	409	818
	36	8.0	2	461	922
	37	8.0	1	240	240
	38	8.0	2	411	822
	39	8.0	2	124	248
	40	8.0	2	125	250
	41	8.0	2	416	832
	42	10.0	24	167	4008
	43	10.0	8	50	400
	44	10.0	14	92	1288
	45	10.0	4	107	428
	46	10.0	1	147	147
	47	10.0	2	207	414
	48	10.0	1	177	177
	49	10.0	2	427	854
	50	12.5	4	94	376
	51	12.5	1	195	195
	52	12.5	2	569	1138
	53	12.5	2	260	520
	54	12.5	2	255	510
	55	12.5	2	931	1862
	56	12.5	1	250	250
	57	12.5	1	457	457
	58	12.5	2	622	1244

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	5.2	1.4
	8.0	263.3	114.3
	10.0	77.2	52.3
	12.5	65.5	69.4
CA60	5.0	549.3	93.1

PESO TOTAL (kg)	
CA50	237.4
CA60	93.1

Volume de concreto (C-25) = 5.14 m³
Área de forma = 61.13 m²

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ENGENHEIRO CIVIL
CREA 5062060134
TEL. (016) 999978248

Estrutural - Blocos e Vigas

CONSTRUÇÃO - COMERCIAL