CONFIGURAÇÃO DE PINAS EM PRETO

COR	01	02	03	04	05	06	07	08	252	253	180	50
ESP.	0,1	0,2	0,3	0,4	0,5	0,6	0,7	0,8	0,05	0,05	1,00	1,40

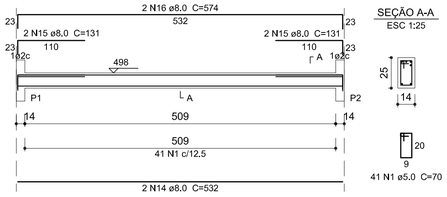
COLOR PLOTAR NA MESMA COR

COR	10	30	110	113	116	160	251	254	255															
ESP.	0,8	0,2	0,05	0,05	0,05	0,6	0,1	0,2	0,2															

COLOR 70% DA COR

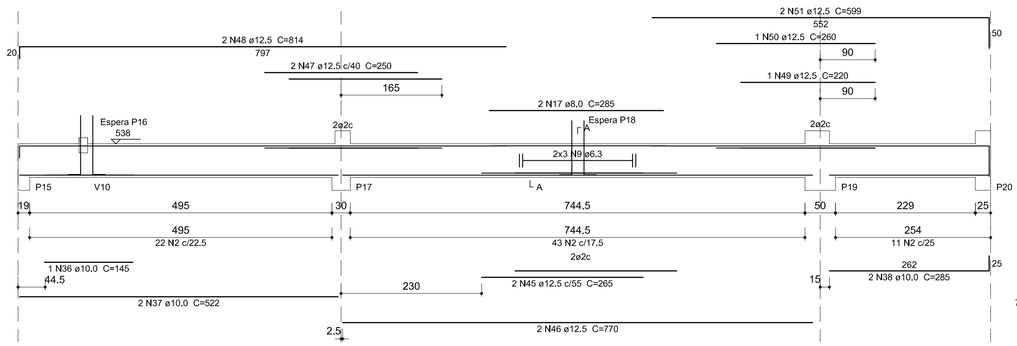
COR	31	61	93	94																				

V1
ESC 1:50

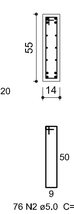


SEÇÃO A-A
ESC 1:25

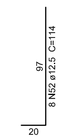
V2
ESC 1:50



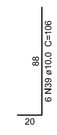
SEÇÃO A-A
ESC 1:25



ESPERA P16
ESC 1:25



ESPERA P18
ESC 1:25



Relação do aço

V1	V2	V3
V4	V5	V6
V7	V8	V13
V18	V19	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	199	70	13930
	2	5.0	76	130	9880
	3	5.0	12	152	1824
	4	5.0	12	69	828
	5	5.0	2	356	712
	6	5.0	75	100	7500
	7	5.0	41	80	3280
	8	5.0	83	100	8300
CA50	9	6.3	6	CORR	4920
	10	6.3	2	1076	2152
	11	6.3	4	CORR	336
	12	6.3	2	498	996
	13	6.3	2	530	1060
	14	8.0	4	532	2128
	15	8.0	4	131	524
	16	8.0	2	574	1148
	17	8.0	2	285	570
	18	8.0	2	771	1542
	19	8.0	2	175	350
	20	8.0	2	430	860
	21	8.0	2	216	432
	22	8.0	2	415	830
	23	8.0	2	127	254
	24	8.0	1	107	107
	25	8.0	2	546	1092
	26	8.0	1	160	160
	27	8.0	2	1108	2216
	28	8.0	2	1166	2332
	29	8.0	1	130	130
	30	8.0	2	1059	2118
	31	8.0	2	190	380
	32	8.0	2	314	628
	33	8.0	2	334	668
	34	8.0	2	361	722
	35	8.0	2	374	748
	36	10.0	1	145	145
	37	10.0	2	522	1044
	38	10.0	2	285	570
	39	10.0	6	106	636
	40	10.0	3	130	390
	41	10.0	3	161	483
	42	10.0	2	380	760
	43	10.0	2	537	1074
	44	10.0	4	95	380
	45	12.5	2	265	530
	46	12.5	2	770	1540
	47	12.5	2	250	500
	48	12.5	2	814	1628
	49	12.5	1	220	220
	50	12.5	1	260	260
	51	12.5	2	599	1198
	52	12.5	8	114	912
	53	12.5	1	133	133
	54	12.5	2	545	1090
	55	12.5	2	191	382

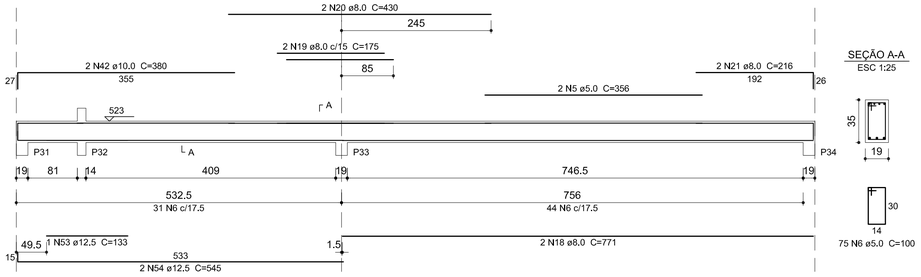
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6,3	94,7	25,5
	8,0	199,4	86,5
	10,0	54,9	37,2
	12,5	84	88,9
CA60	5,0	462,6	78,4

PESO TOTAL (kg)	
CA50	238,1
CA60	78,4

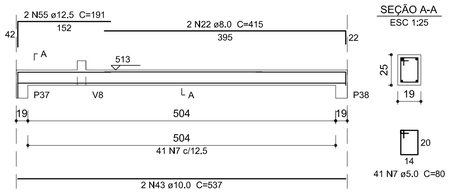
Volume de concreto (C-30) = 4,41 m³
Área de forma = 69,39 m²

V4
ESC 1:50



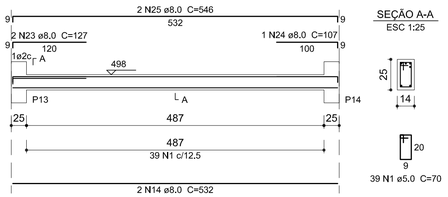
SEÇÃO A-A
ESC 1:25

V5
ESC 1:50



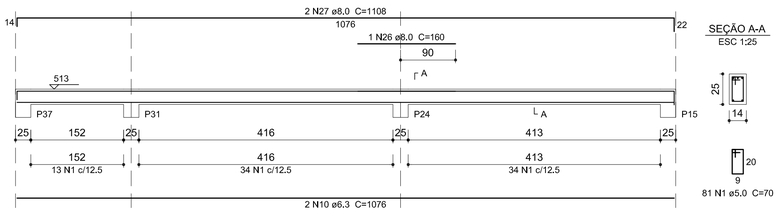
SEÇÃO A-A
ESC 1:25

V6
ESC 1:50



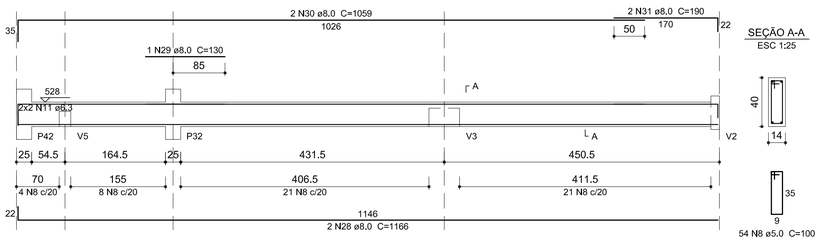
SEÇÃO A-A
ESC 1:25

V7
ESC 1:50



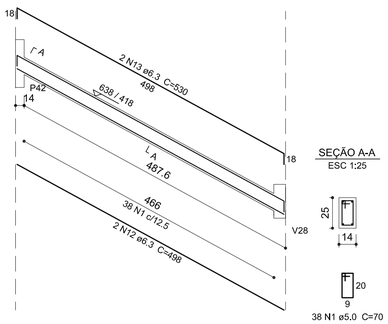
SEÇÃO A-A
ESC 1:25

V8
ESC 1:50



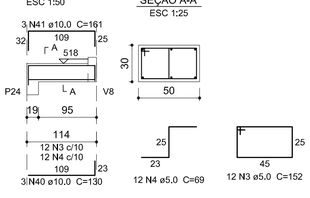
SEÇÃO A-A
ESC 1:25

V13
ESC 1:50



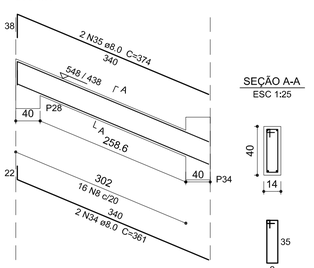
SEÇÃO A-A
ESC 1:25

V3
ESC 1:50



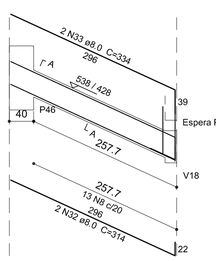
SEÇÃO A-A
ESC 1:25

V18
ESC 1:50

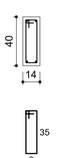


SEÇÃO A-A
ESC 1:25

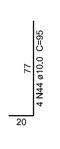
V19
ESC 1:50



SEÇÃO A-A
ESC 1:25



ESPERA P35
ESC 1:25



Nº	Data	Versão/Revisão
3		
2		
1		

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