CONFIGURAÇÃO DE PEMAS 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

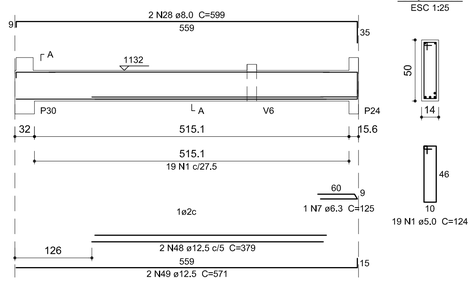
COLOR PLOTAR NA MESMA COR

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

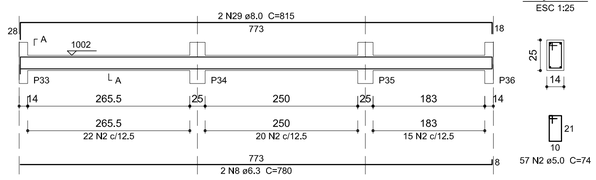
COLOR 70% DA COR

94	93	61	31

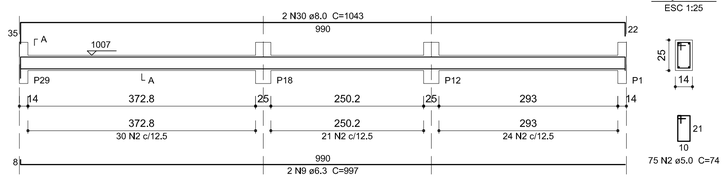
V15
ESC 1:50



V20
ESC 1:50



V21
ESC 1:50



Relação do aço

V6	V8	V9
V10	V15	V16
V18	V19	V20
V21	V22	V23
V24	V25	V26
V27		

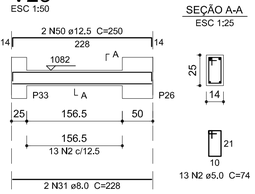
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	19	124	2356
	2	5,0	311	74	23014
	3	5,0	88	84	7392
	4	5,0	2	228	456
	5	5,0	2	434	868
	6	5,0	82	144	11808
CA50	7	6,3	1	125	125
	8	6,3	2	780	1560
	9	6,3	2	997	1994
	10	6,3	2	241	482
	11	6,3	2	274	548
	12	6,3	4	235	940
	13	6,3	2	272	544
	14	6,3	2	272	544
	15	6,3	2	219	438
	16	6,3	2	214	428
	17	6,3	4	122	488
	18	6,3	2	335	670
	19	6,3	2	373	746
	20	6,3	2	284	568
	21	6,3	2	228	456
	22	6,3	1	107	107
	23	6,3	6	1000	6000
	24	6,3	1	85	85
	25	6,3	2	271	542
	26	6,3	6	783	4698
	27	6,3	2	127	254
	28	8,0	2	599	1198
	29	8,0	2	815	1630
	30	8,0	2	1043	2086
	31	8,0	2	228	456
	32	8,0	2	478	956
	33	8,0	2	456	912
	34	8,0	2	150	300
	35	8,0	2	271	542
	36	8,0	2	272	544
	37	8,0	2	264	528
	38	8,0	2	284	568
	39	8,0	2	539	1078
	40	10,0	2	530	1060
	41	10,0	4	210	840
	42	10,0	2	805	1610
	43	10,0	4	203	812
	44	10,0	4	342	1368
	45	10,0	2	280	560
	46	10,0	2	181	362
	47	10,0	2	318	636
	48	12,5	2	379	758
	49	12,5	2	571	1142
	50	12,5	2	250	500
	51	12,5	2	275	550
	52	12,5	2	339	678
	53	12,5	2	664	1328
	54	16,0	1	304	304
	55	16,0	3	627	1881

Resumo do aço

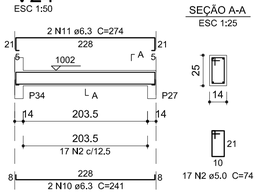
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	222.2	59.8
	8.0	108	46.9
	10.0	72.5	49.2
	12.5	49.6	52.5
	16.0	21.9	37.9
CA60	5.0	459	77.8
PESO TOTAL (kg)			
CA50	246.3		
CA60	77.8		

Volume de concreto (C-20) = 4,03 m³
Área de forma = 69 m²

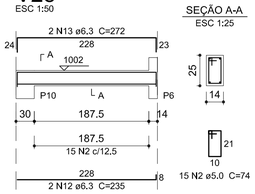
V23
ESC 1:50



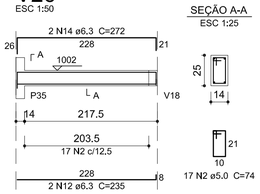
V24
ESC 1:50



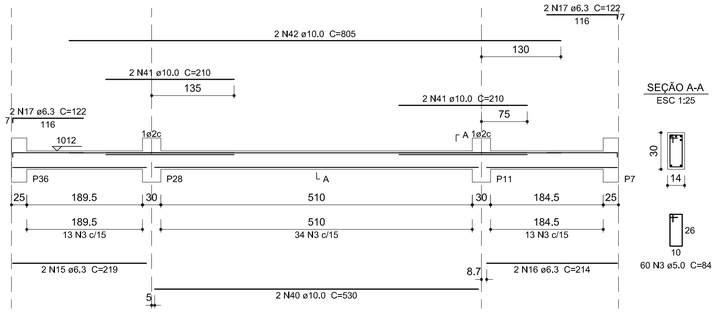
V25
ESC 1:50



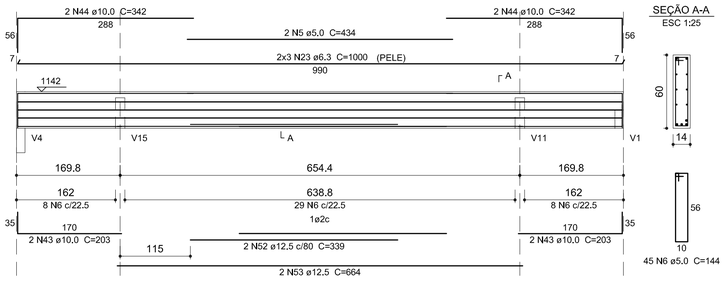
V26
ESC 1:50



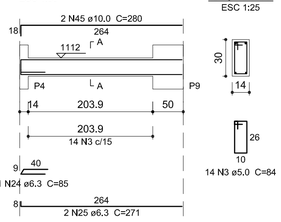
V27
ESC 1:50



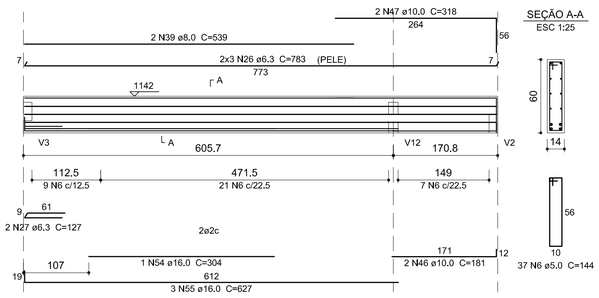
V6
ESC 1:50



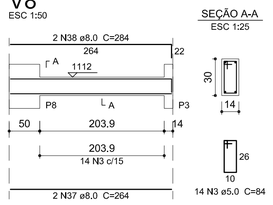
V9
ESC 1:50



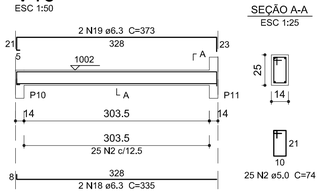
V10
ESC 1:50



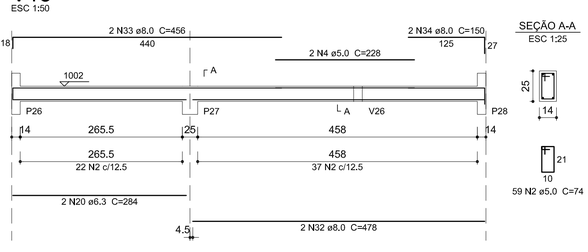
V8
ESC 1:50



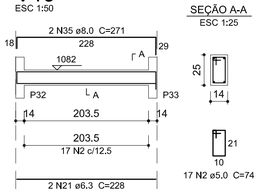
V16
ESC 1:50



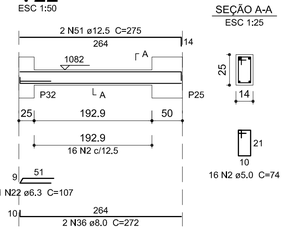
V18
ESC 1:50



V19
ESC 1:50



V22
ESC 1:50



Nº	Data	Versão/Revisão
3		
2		
1		

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