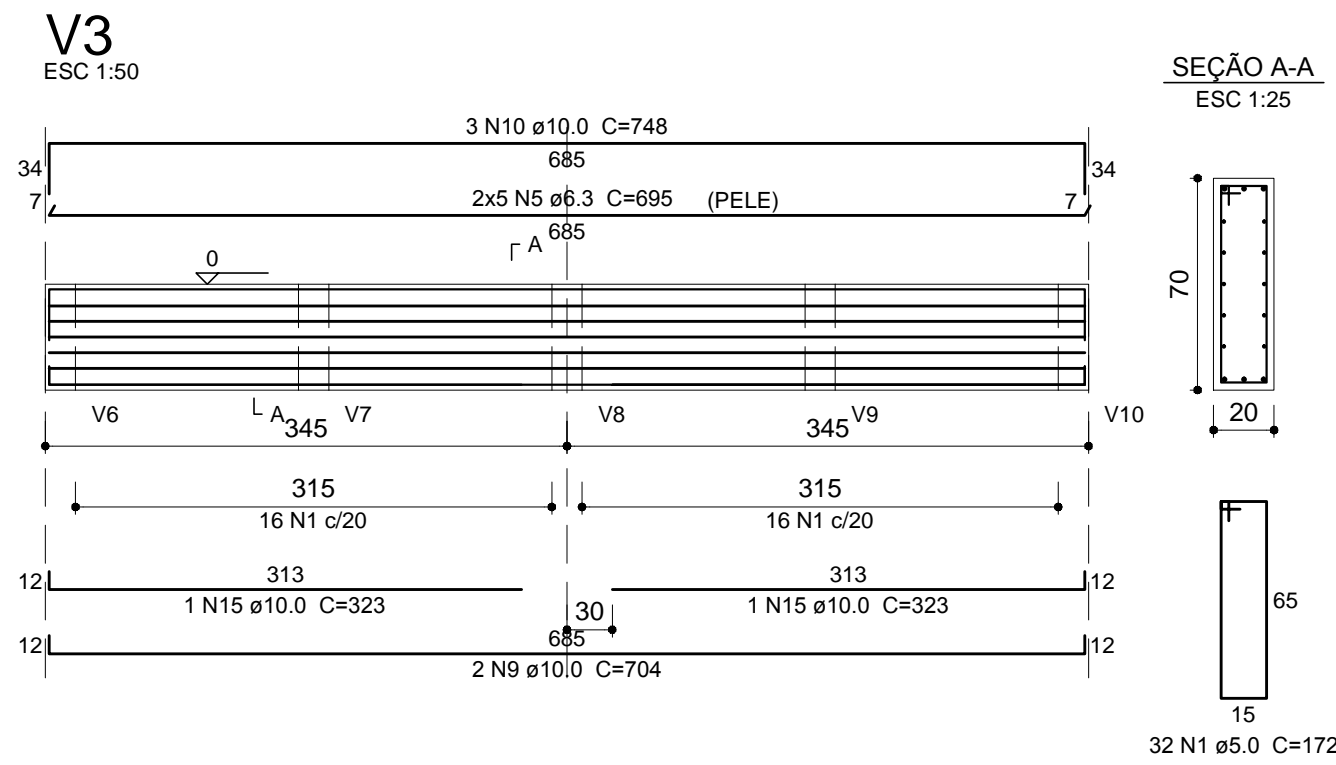
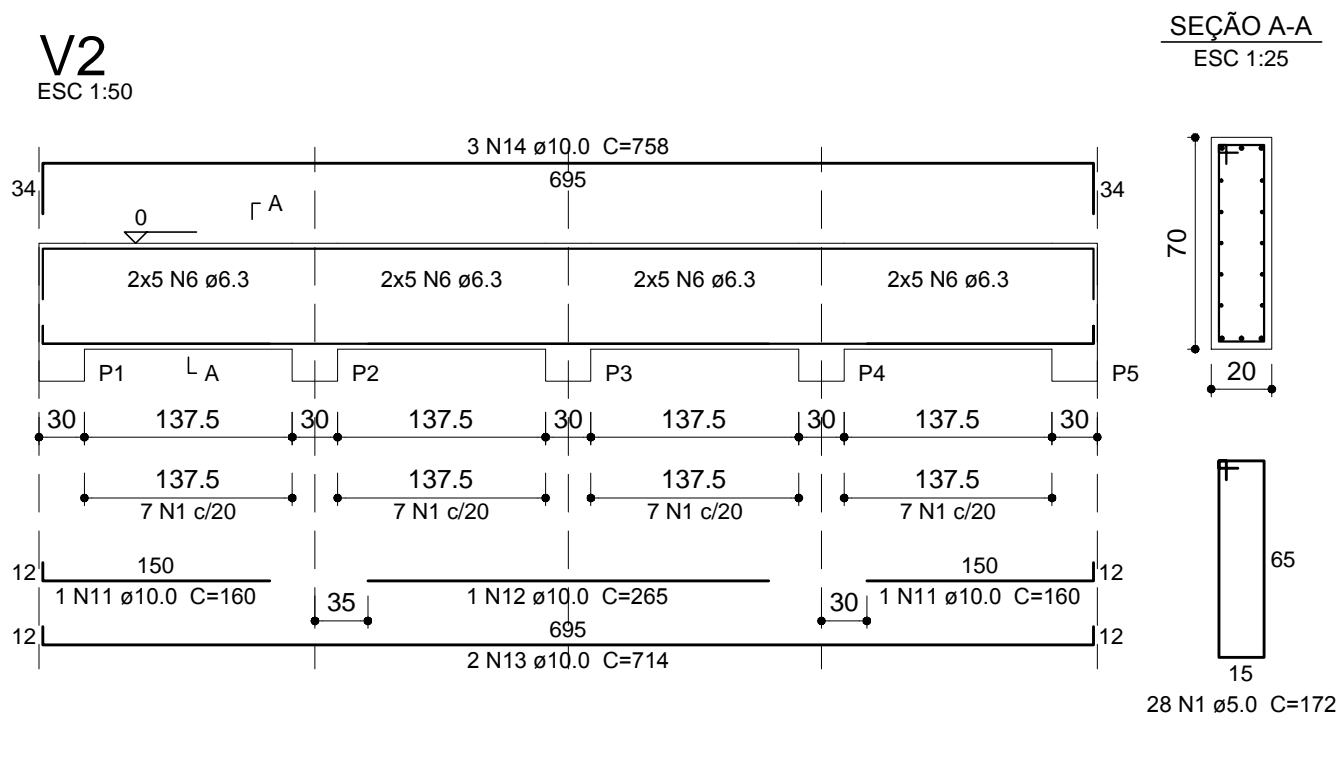
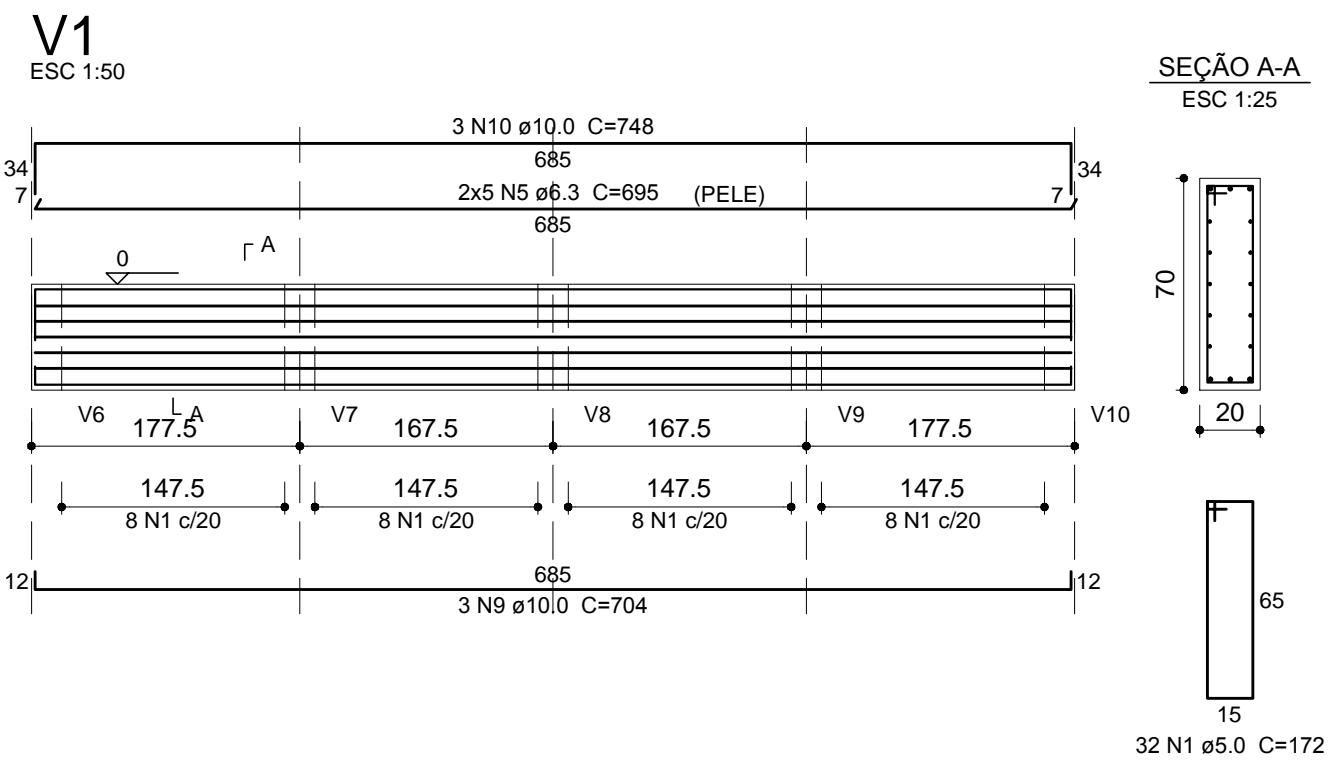
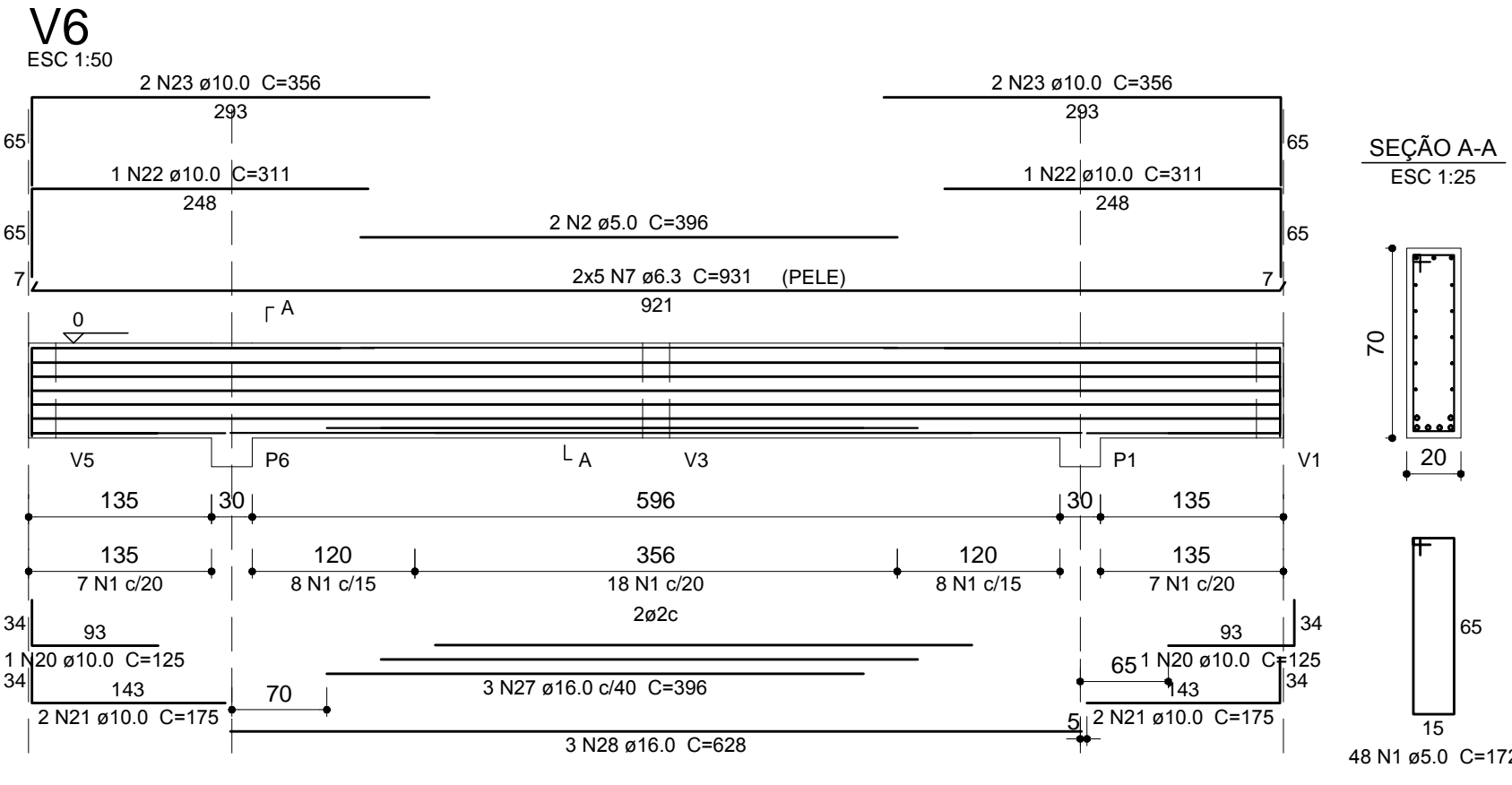
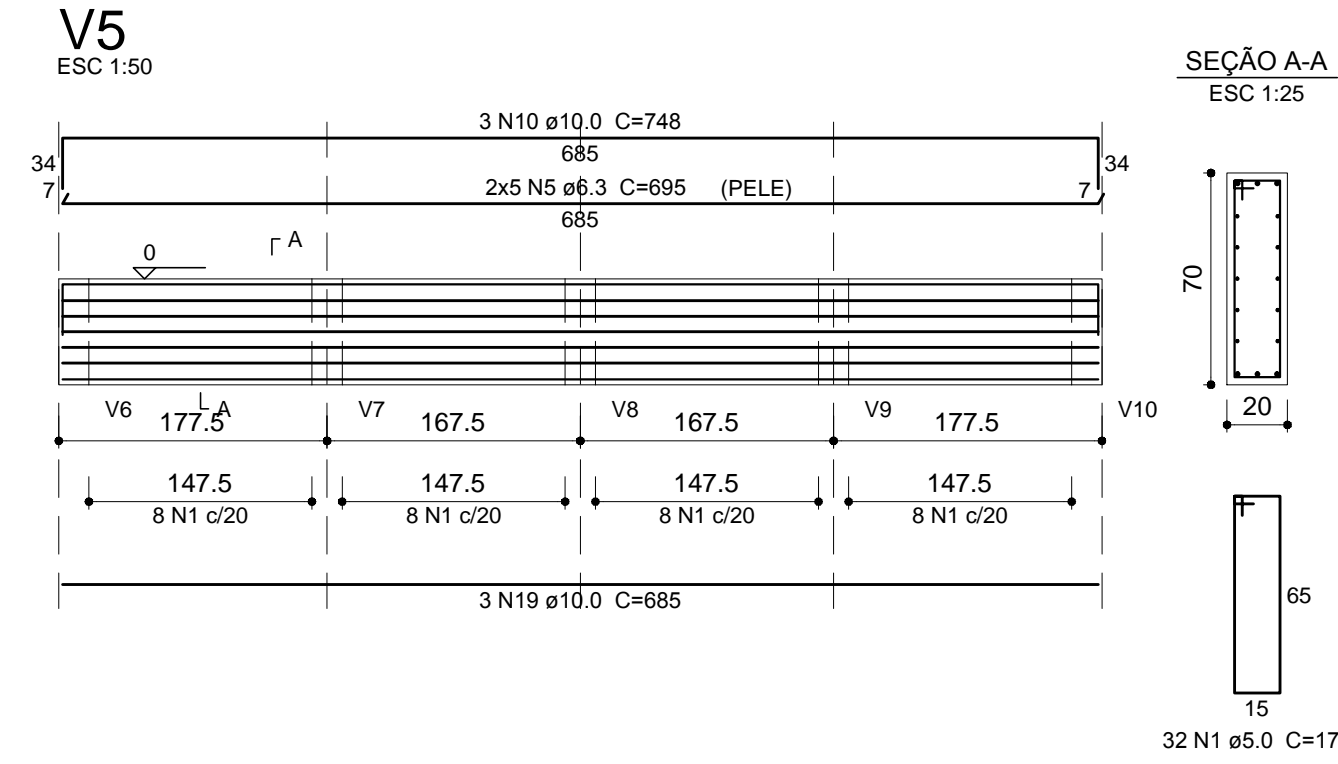
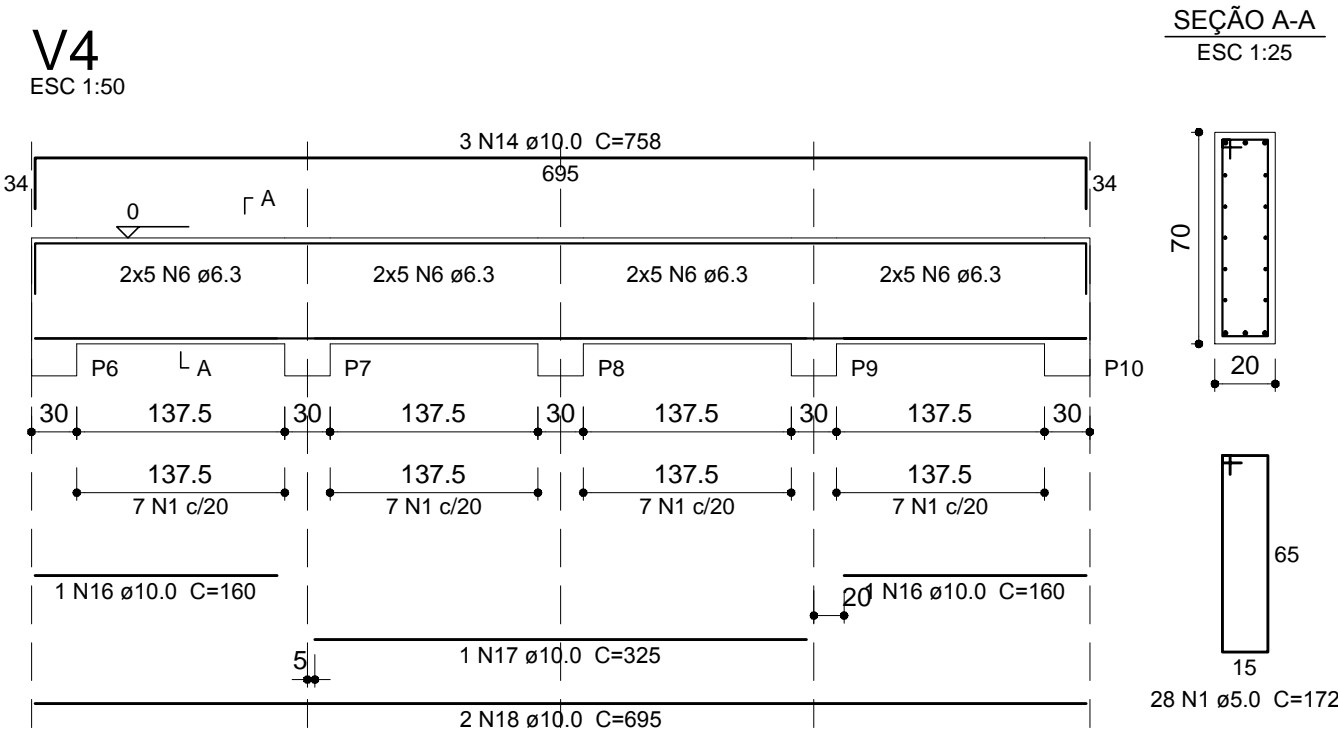


CONFIGURAÇÃO DE PENAS EM PRETO
 COLOR PLOTAR NA MESMA COR
 COLOR 70% DA COR
 31 81 93 94
 0.2 0.05 0.05 0.05 0.6 0.1 0.2 0.2
 0.8 0.8 0.8 0.8 0.8 0.8 0.8 0.8
 0.05 1.00 1.00 1.00 1.00 1.00 1.00 1.00



Relação do aço

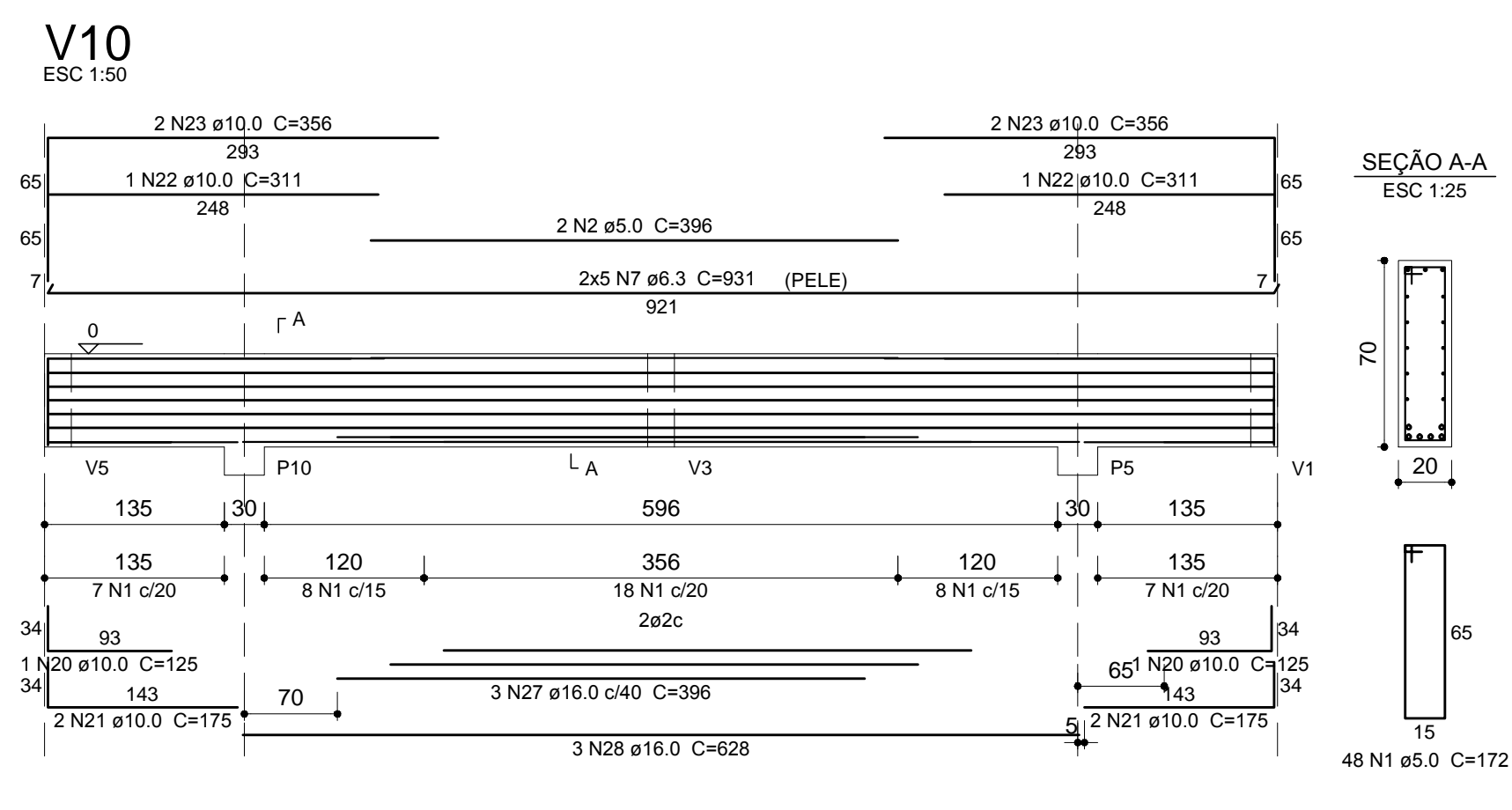
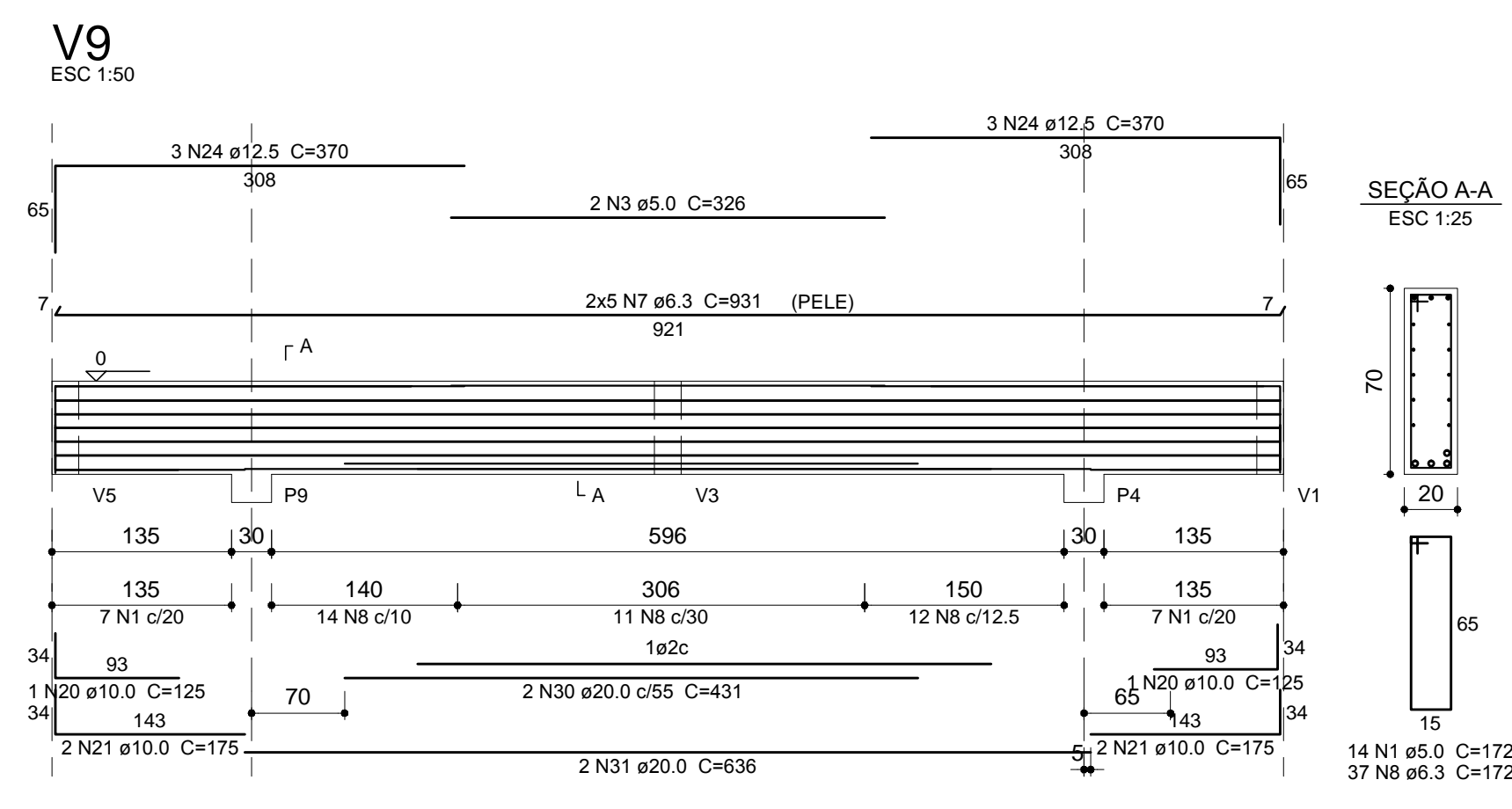
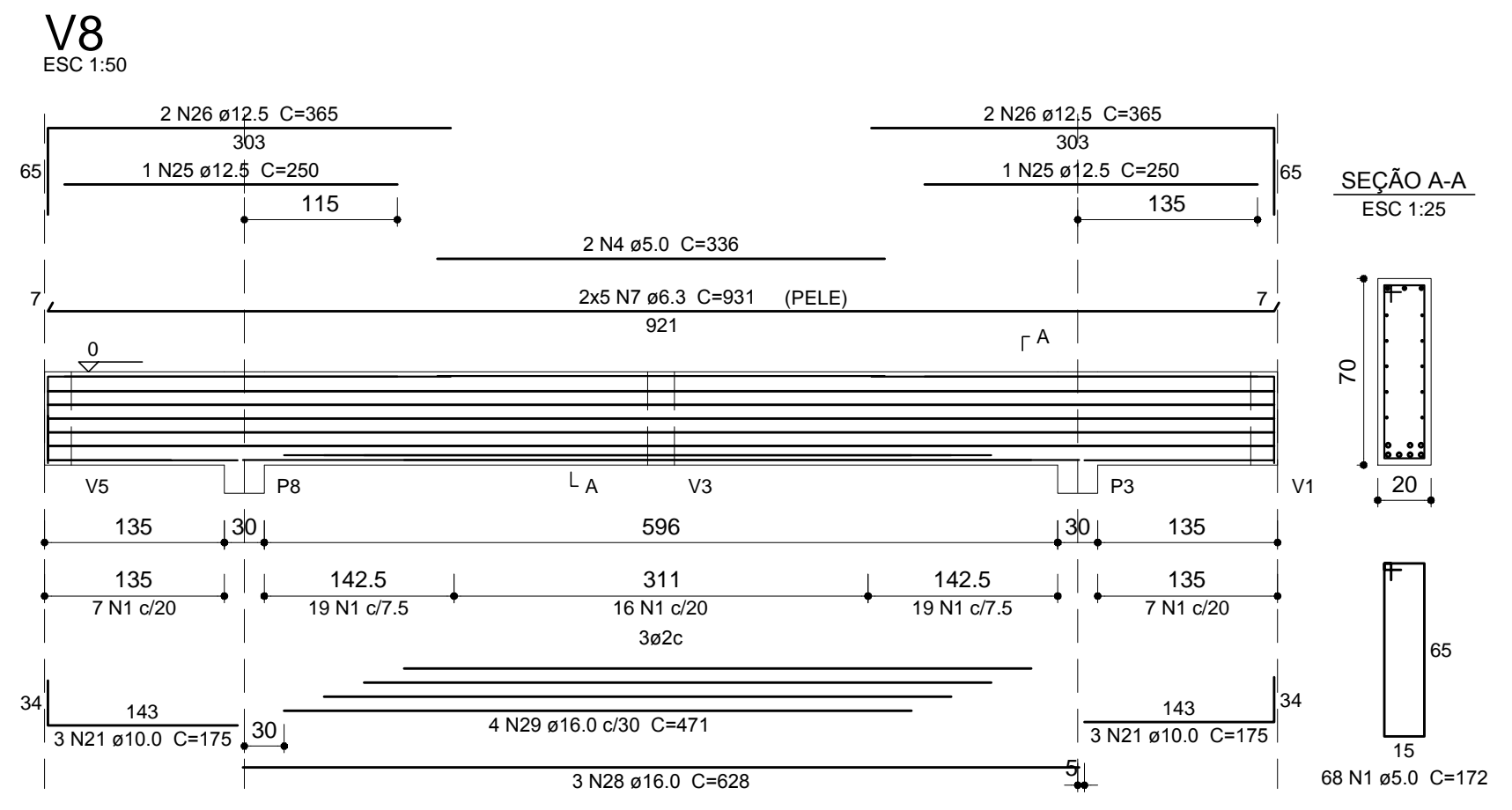
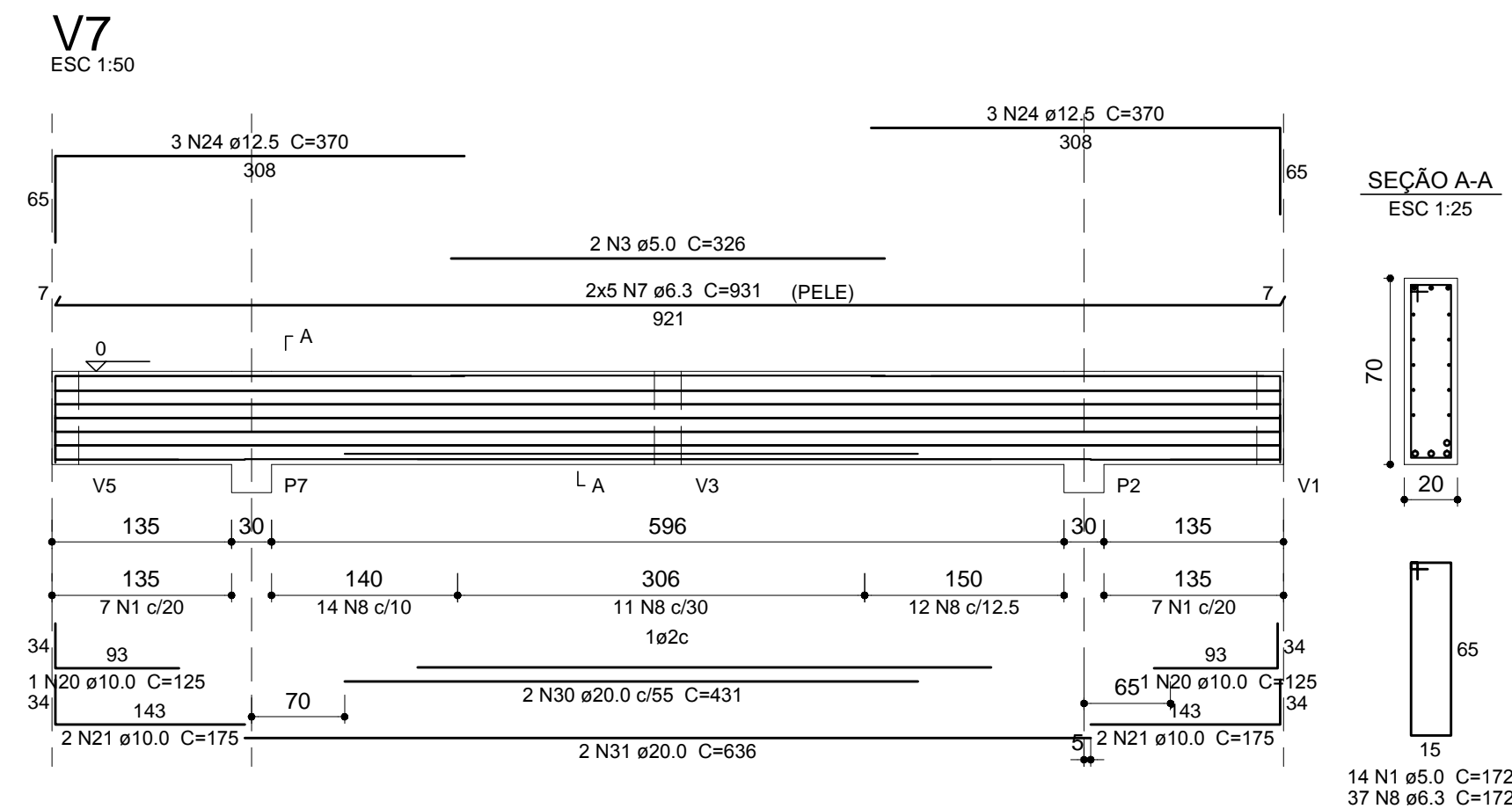
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	344	172	59168
	2	5.0	4	396	1584
	3	5.0	4	326	1304
	4	5.0	2	336	672
CA50	5	6.3	30	695	20850
	6	6.3	80	CORR	15440
	7	6.3	50		46550
	8	6.3	74		12728
	9	10.0	5	704	3520
	10	10.0	9	748	6732
	11	10.0	2	160	320
	12	10.0	1	265	265
	13	10.0	2	714	1428
	14	10.0	6	758	4548
	15	10.0	2	323	646
	16	10.0	2	160	320
	17	10.0	1	325	325
	18	10.0	2	695	1390
	19	10.0	3	685	2055
	20	10.0	8	125	1000
	21	10.0	22	175	3850
	22	10.0	4	311	1244
	23	10.0	8	356	2848
	24	12.5	12	370	4440
	25	12.5	2	250	500
	26	12.5	4	365	1460
	27	16.0	6	396	2376
	28	16.0	9	628	5652
	29	16.0	4	471	1884
	30	20.0	4	431	1724
	31	20.0	4	636	2544



Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	955.7	257.2
	10.0	305	206.8
	12.5	64	67.8
	16.0	99.2	172.1
	20.0	42.7	115.8
CA60	5.0	627.3	106.4
PESO TOTAL (kg)			
CA50		819.7	
CA60		106.4	

Volume de concreto (C-25) = 11.34 m³
 Área de forma = 129.6 m²



3		
2		
1		
Nº	Data	Versão/Revisão

ferreiracostaengenharia@yahoo.com.br

Proprietário: **PREFEITURA MUNICIPAL DE ARCOS**

Projeto: **INTERSECÇÃO RUA SÃO GERALDO COM AV. JOÃO VAZ SOBRINHO TRECHO II**

Ref.: **ESTRUTURAL - VIGAS**

Endereço: **Av. João Vaz Sobrinho Trecho II, Centro - Arcos - MG.**

Autores:

Data: **ABR/2017**
 Escala: **INDICADA**
 Folha: **03**