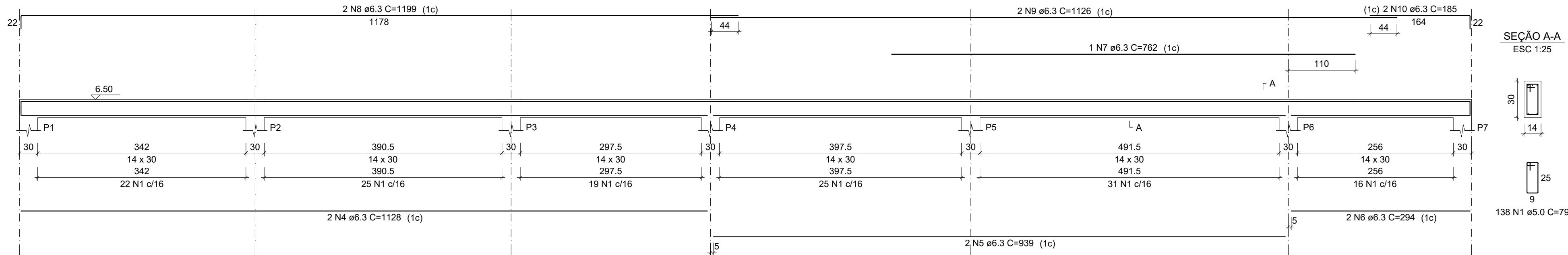
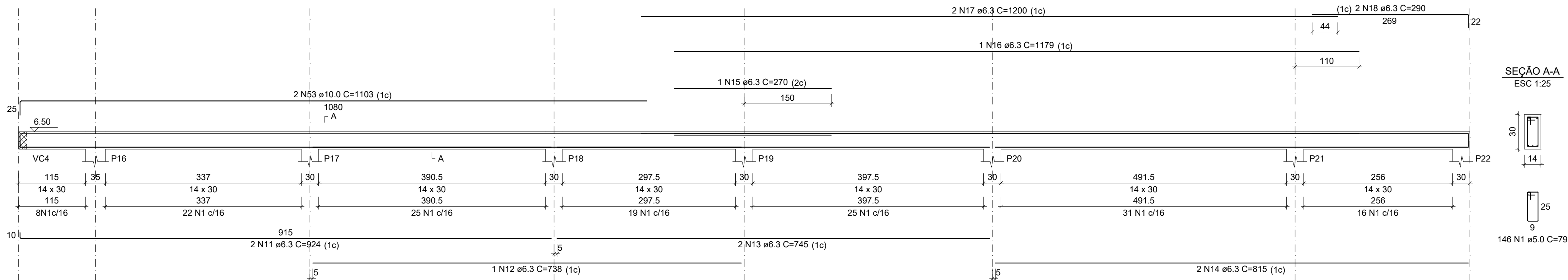


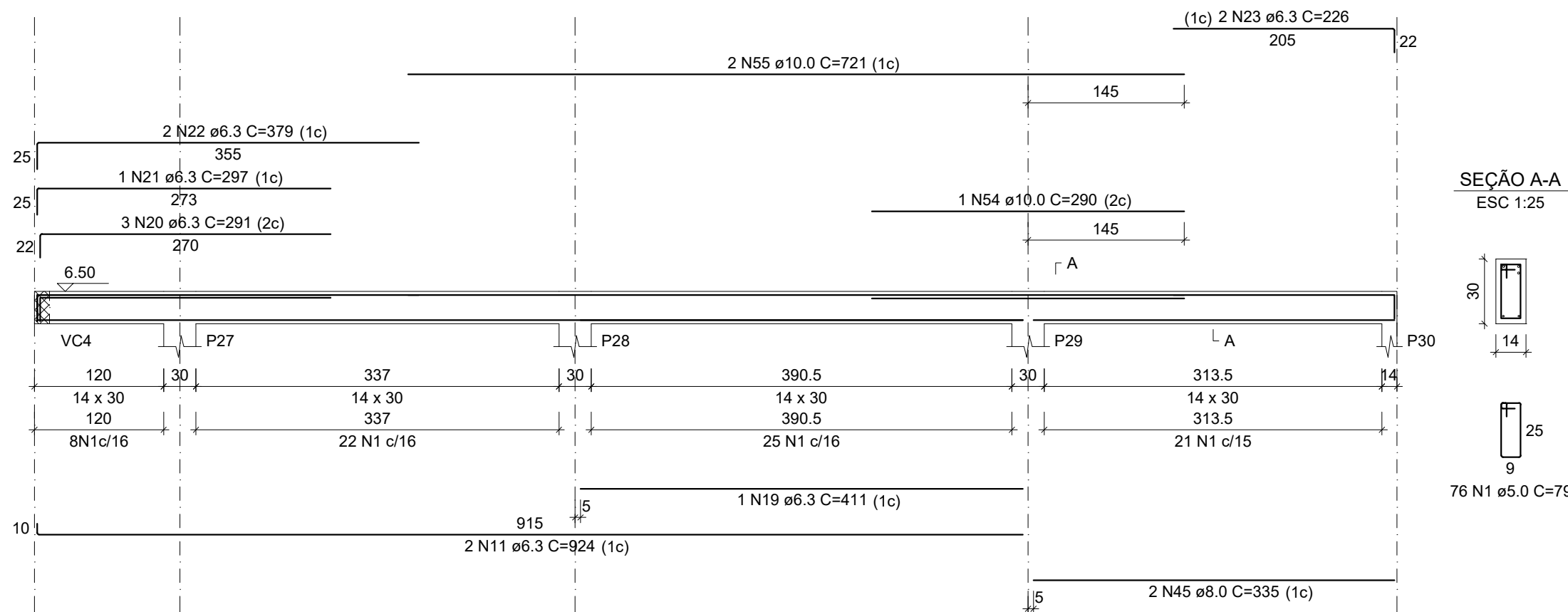
VC1
ESC 1:50



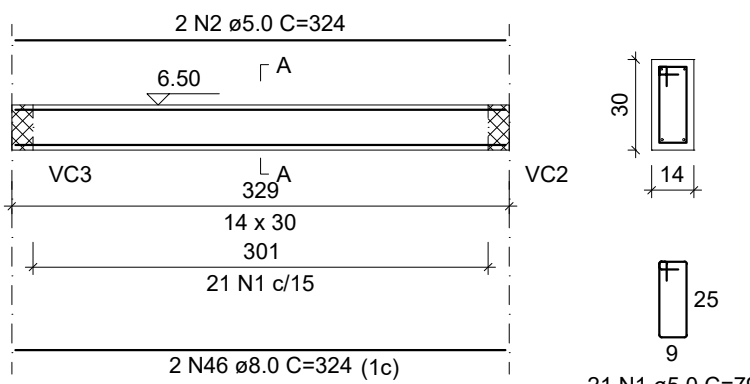
VC2
ESC 1:50



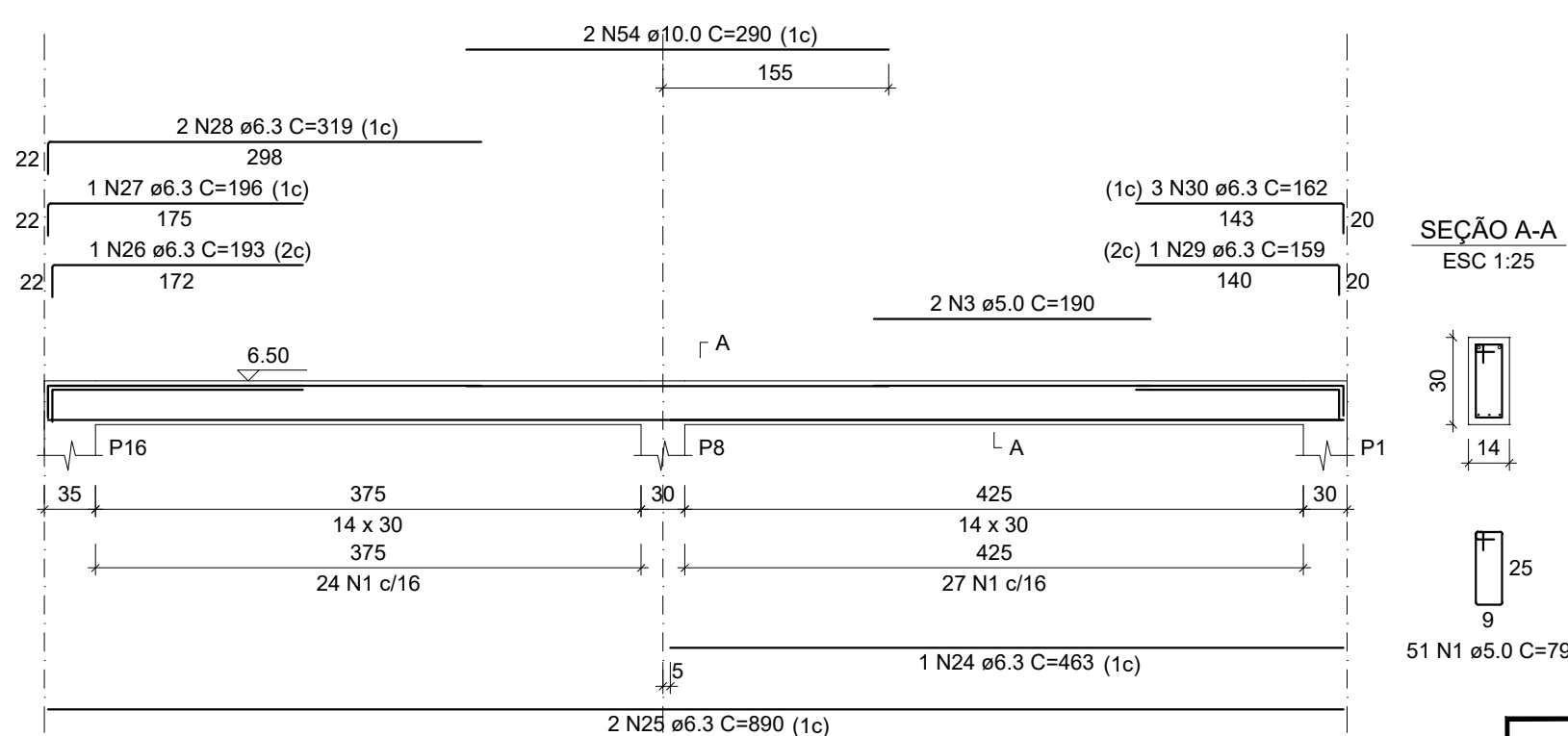
VC3
ESC 1:50



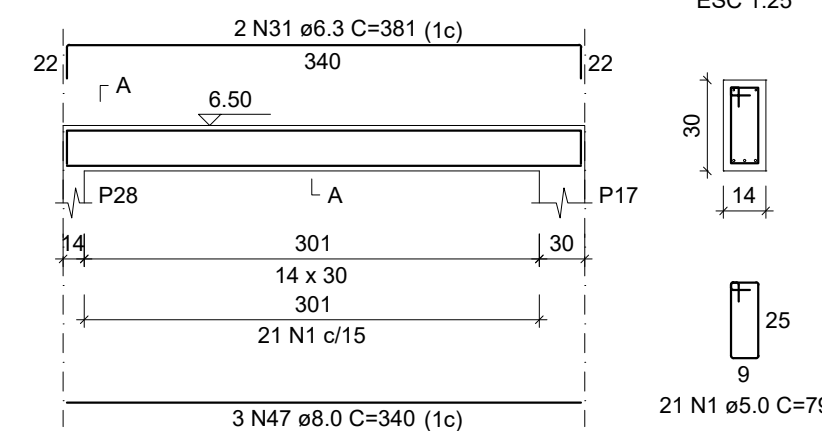
VC4
ESC 1:50



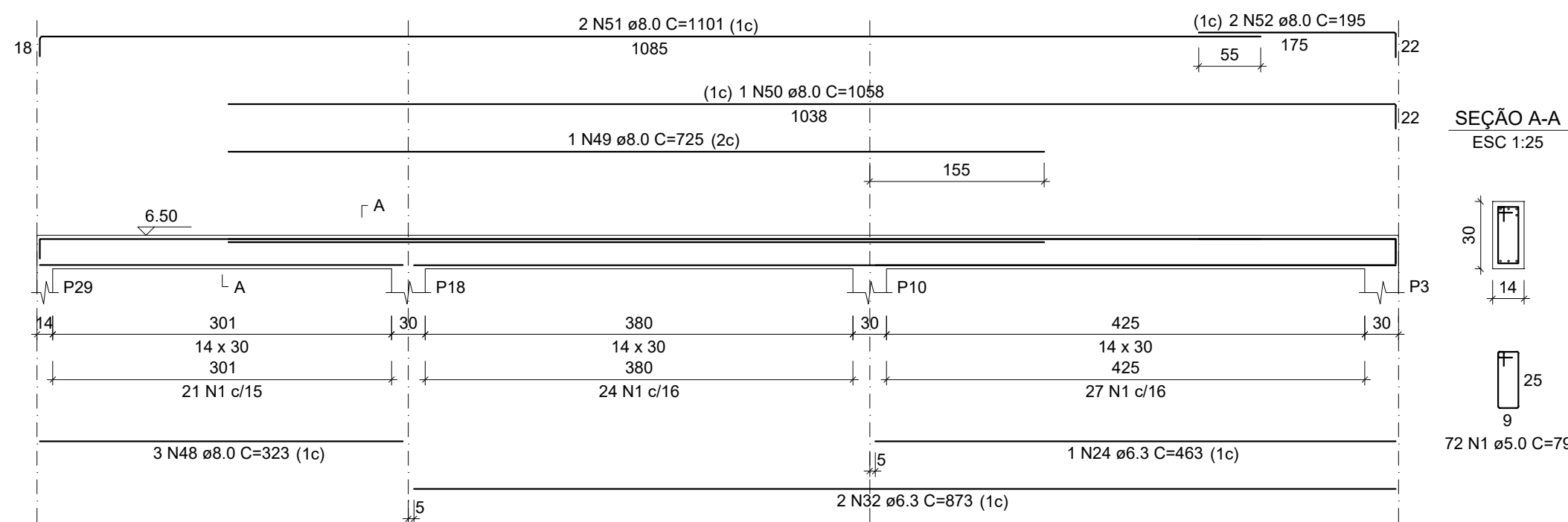
VC5
ESC 1:50



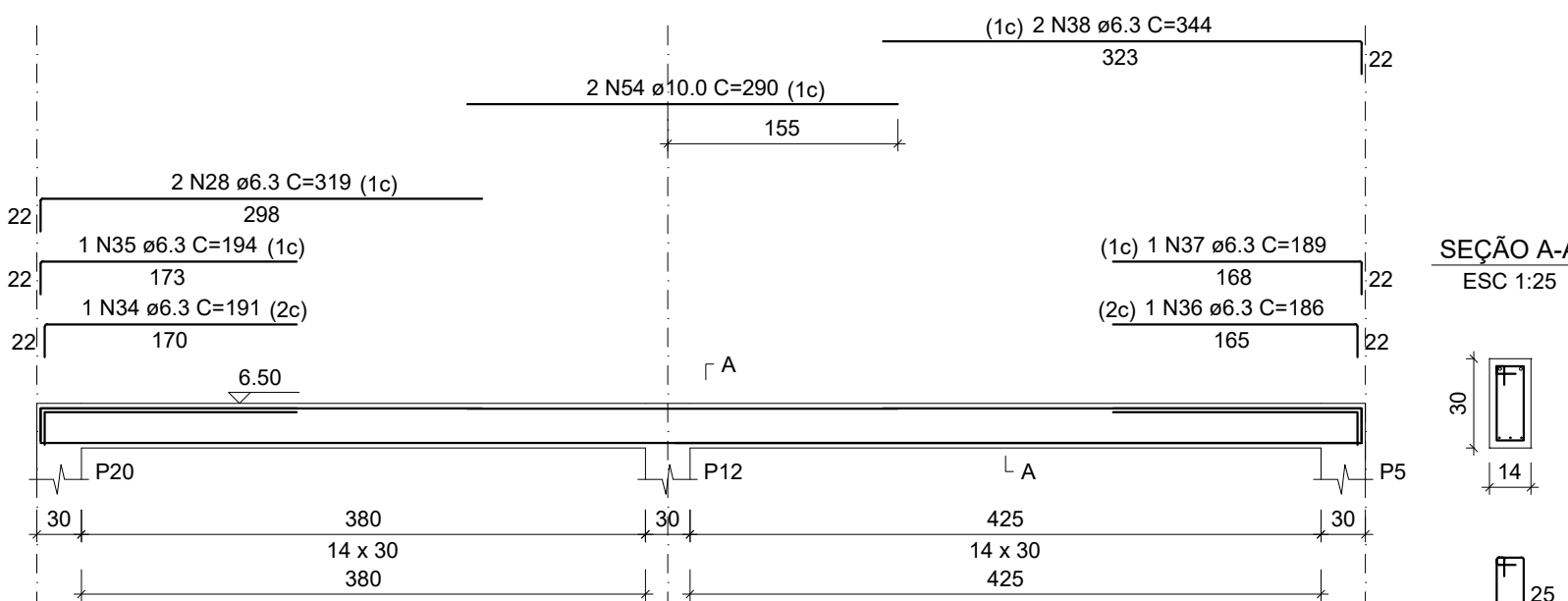
VC6
ESC 1:50



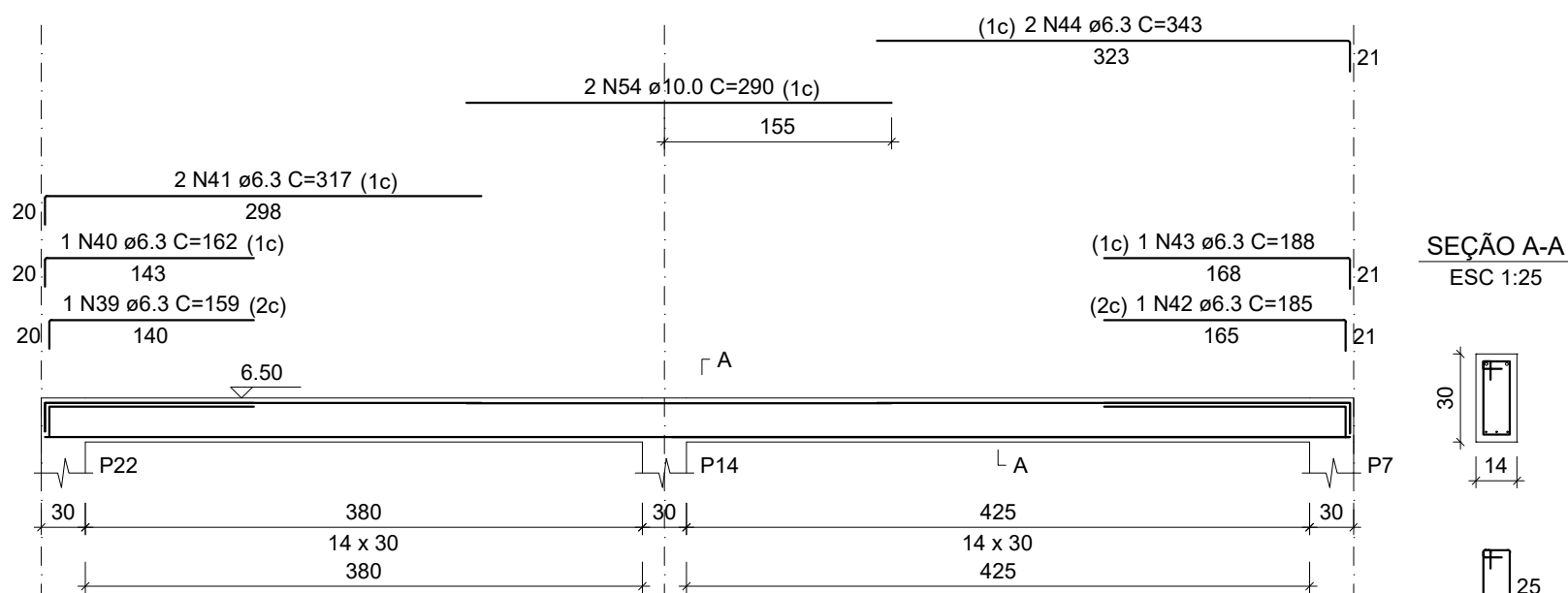
VC7
ESC 1:50



VC9
ESC 1:50



VC10
ESC 1:50



DETALHAMENTO VIGAS 1 PAVIMENTO

escala 1:50

RELAÇÃO DO AÇO

VC1	VC2	VC3			
VC4	VC5	VC6			
VC7	VC8	VC9			
VC10					
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	646	79	51034
	2	5.0	2	324	648
CA50	3	5.0	2	190	380
	4	6.3	2	1128	2256
	5	6.3	2	939	1878
	6	6.3	2	294	588
	7	6.3	1	762	762
	8	6.3	2	1199	2398
	9	6.3	2	1126	2252
	10	6.3	2	185	370
	11	6.3	4	924	3696
	12	6.3	1	738	738
	13	6.3	2	745	1490
	14	6.3	2	815	1630
	15	6.3	1	270	270
	16	6.3	1	1179	1179
	17	6.3	2	1200	2400
	18	6.3	2	290	580
	19	6.3	1	411	411
	20	6.3	3	291	873
21	6.3	1	297	297	
22	6.3	2	379	758	
23	6.3	2	226	452	
24	6.3	4	463	1852	
25	6.3	6	890	5340	
26	6.3	1	193	193	
27	6.3	1	196	196	
28	6.3	4	319	1276	
29	6.3	1	159	159	
30	6.3	3	162	486	
31	6.3	4	381	1524	
32	6.3	2	873	1746	
33	6.3	4	340	1360	
34	6.3	1	191	191	
35	6.3	1	194	194	
36	6.3	1	186	186	
37	6.3	1	189	189	
38	6.3	2	344	688	
39	6.3	1	159	159	
40	6.3	1	162	162	
41	6.3	2	317	634	
42	6.3	1	185	185	
43	6.3	1	188	188	
44	6.3	2	343	686	
45	8.0	2	335	670	
46	8.0	2	324	648	
47	8.0	3	340	1020	
48	8.0	3	323	969	
49	8.0	1	725	725	
50	8.0	1	1058	1058	
51	8.0	2	1101	2202	
52	8.0	2	195	390	
53	10.0	2	1103	2206	
54	10.0	7	290	2030	
55	10.0	2	721	1442	

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	428.7	115.4
	8.0	76.8	33.3
	10.0	56.8	38.5
CA60	5.0	520.6	88.3
PESO TOTAL (kg)			
CA50	187.3		
CA60	88.3		

Volume de concreto (C-25) = 4.65 m³
Área de forma = 81.87 m²

Aprovações:

PROJETO REFORÇO ESTRUTURAL

Local: PRAÇA DOUTOR CÉSAR LEITE, 500 – BAIRRO CENTRO – MANHUACU– MG

Proprietário:

POLICIA MILITAR DE MINAS GERAIS – COLEGIO TIRADENTES – UNIDADE MANHUACU
CNPJ: 16.695.025/0001-97

Responsável Técnico:

VICTOR DUTRA OLIVEIRA – CREA: 128.201/D – MG

Desenho:

Conteúdo:



Pórtico Engenharia

DETALHAMENTO VIGAS 1 PAVIMENTO

Áreas :	Data:	Escalas:	Folha:
VER ARQUITETURA	16/08/2021	INDICADAS	07/10