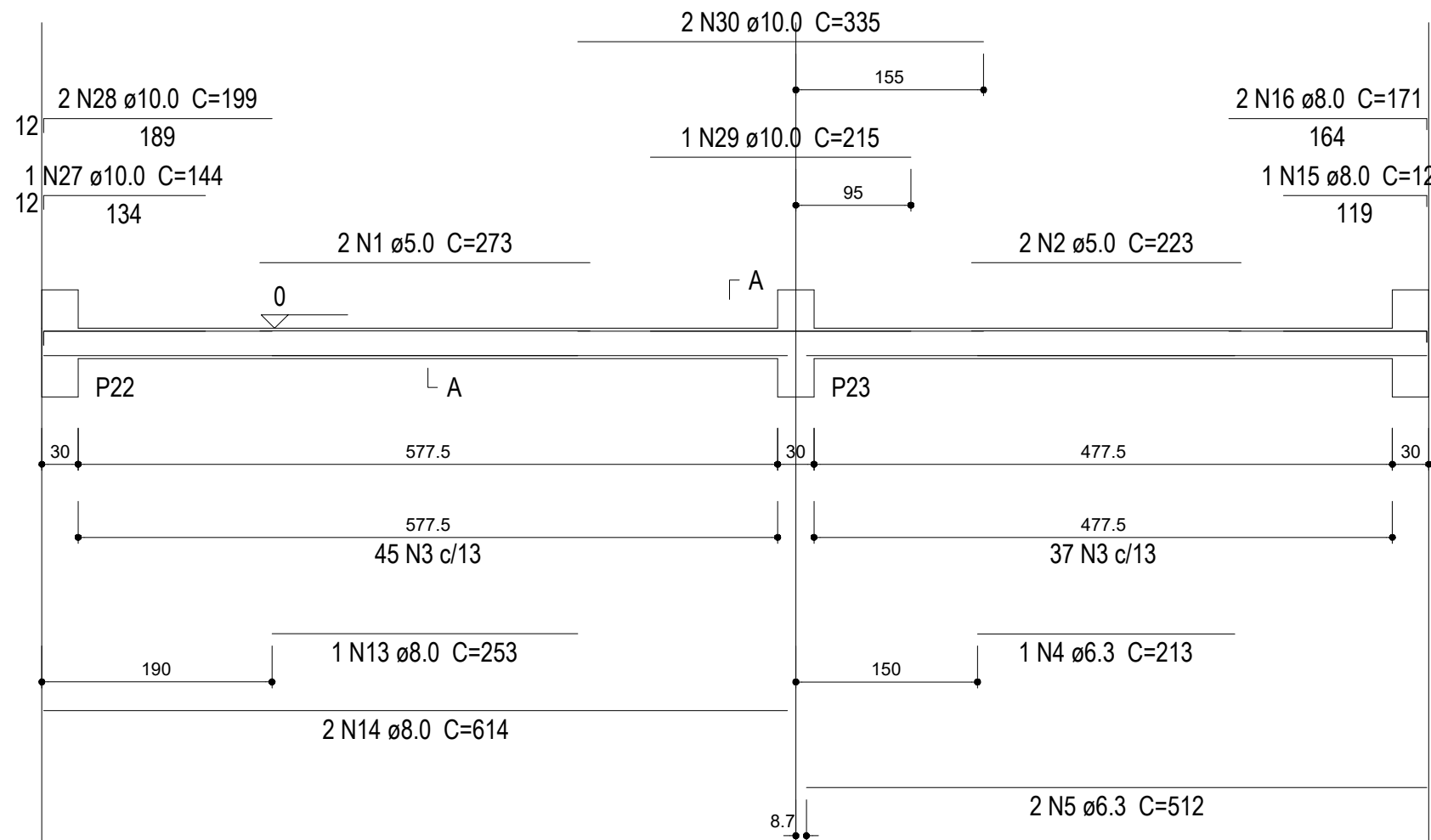


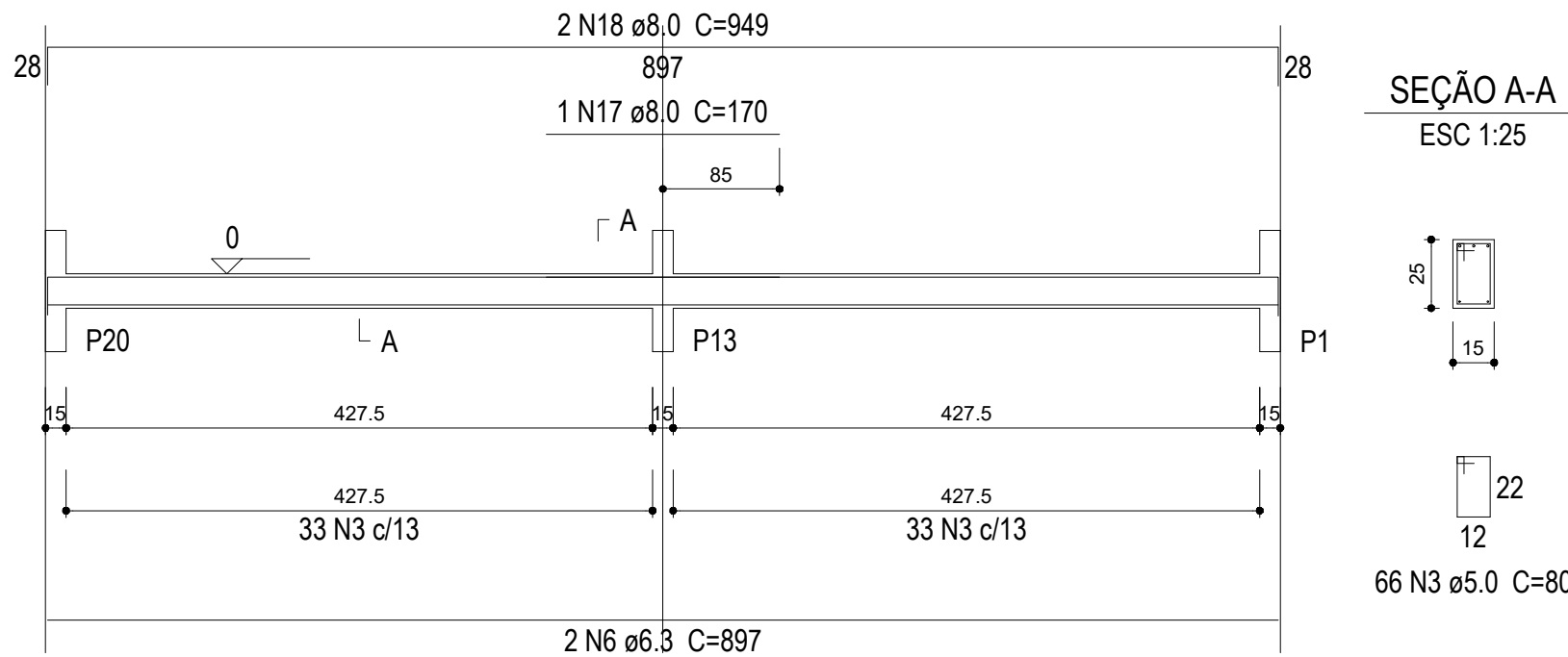
V12

ESC 1:50



V14

ESC 1:50

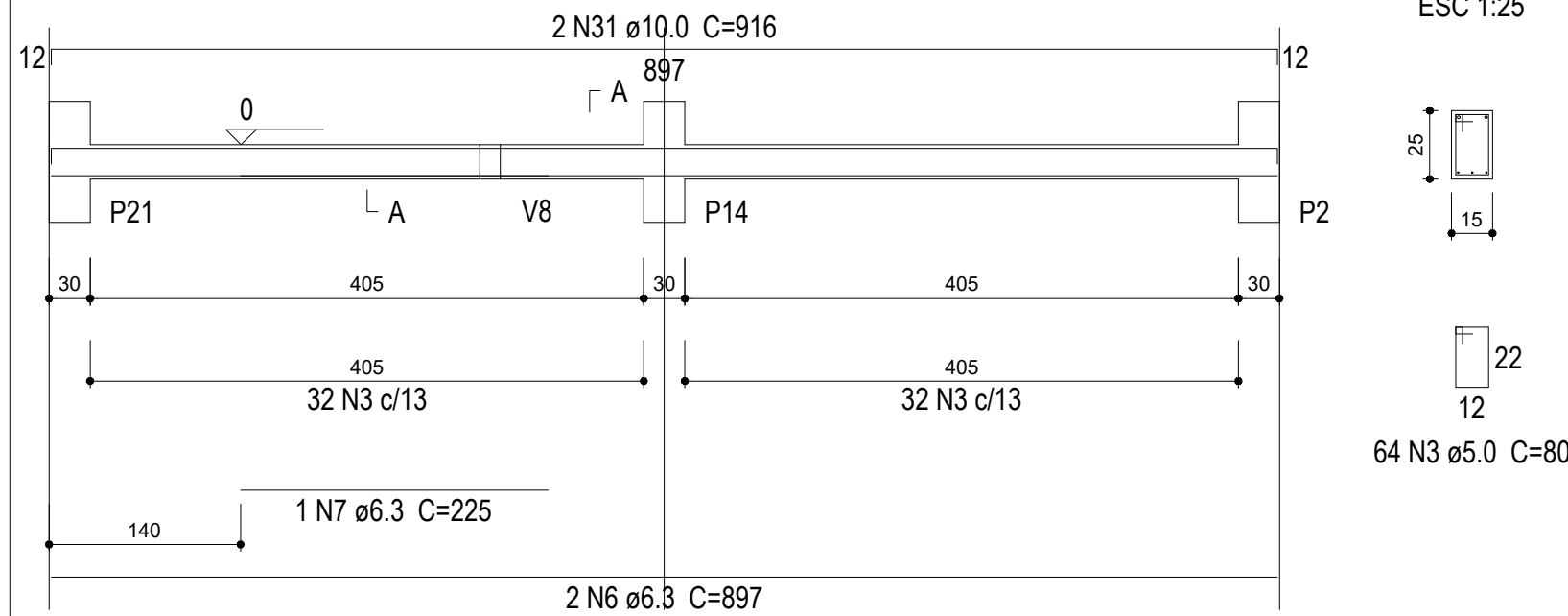


Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	2	273	546
	2	5.0	2	223	446
	3	5.0	561	80	44880
CA50	4	6.3	1	213	213
	5	6.3	2	512	1024
	6	6.3	4	897	3588
	7	6.3	1	225	225
	8	6.3	8	967	7736
	9	6.3	2	634	1268
	10	6.3	2	67	134
	11	6.3	2	140	280
	12	6.3	4	992	3968
	13	8.0	1	253	253
	14	8.0	2	614	1228
	15	8.0	1	126	126
	16	8.0	2	171	342
	17	8.0	1	170	170
	18	8.0	2	949	1898
	19	8.0	2	1001	2002
	20	8.0	1	218	218
	21	8.0	2	318	636
	22	8.0	1	428	428
	23	8.0	1	92	92
	24	8.0	2	1012	2024
	25	8.0	1	145	145
	26	8.0	2	997	1994
	27	10.0	1	144	144
	28	10.0	2	199	398
	29	10.0	1	215	215
	30	10.0	2	335	670
	31	10.0	2	916	1832

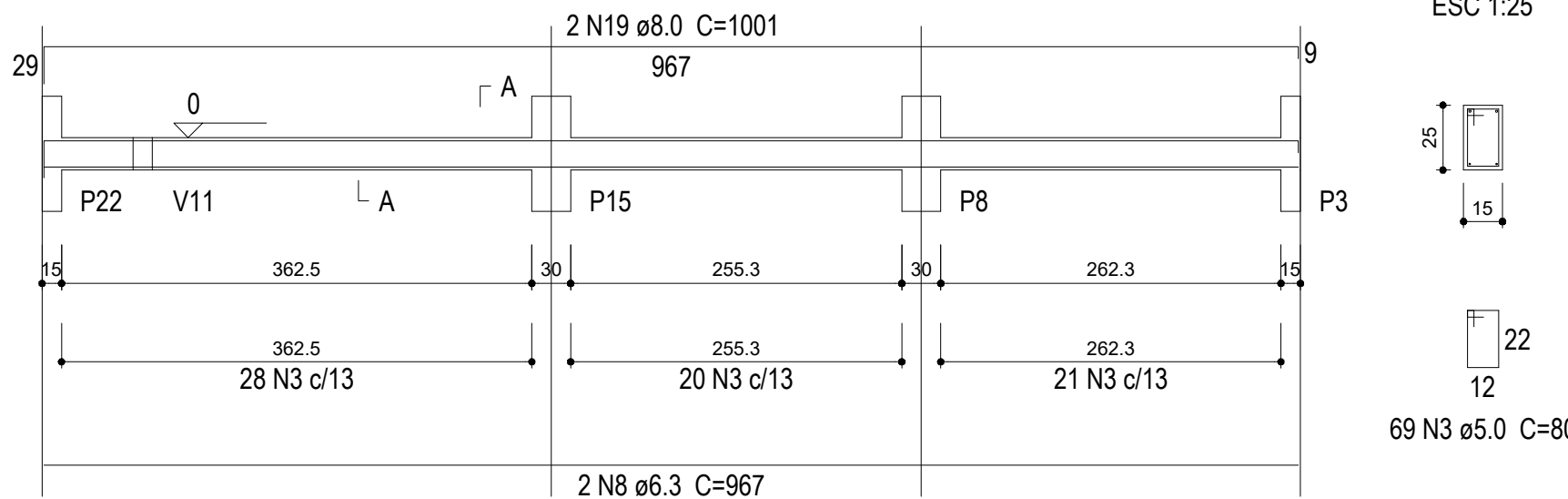
V15

ESC 1:50



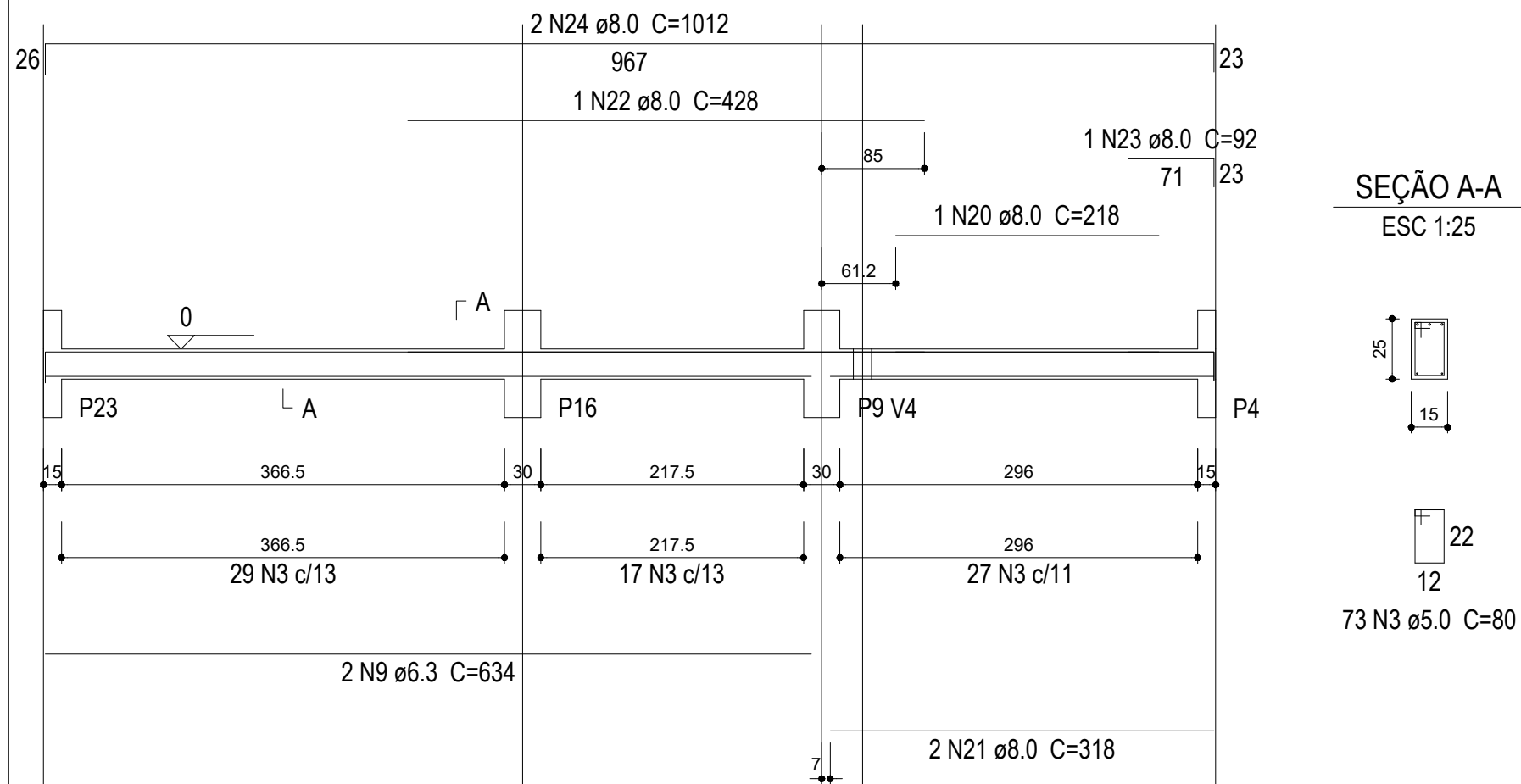
V16

ESC 1:50



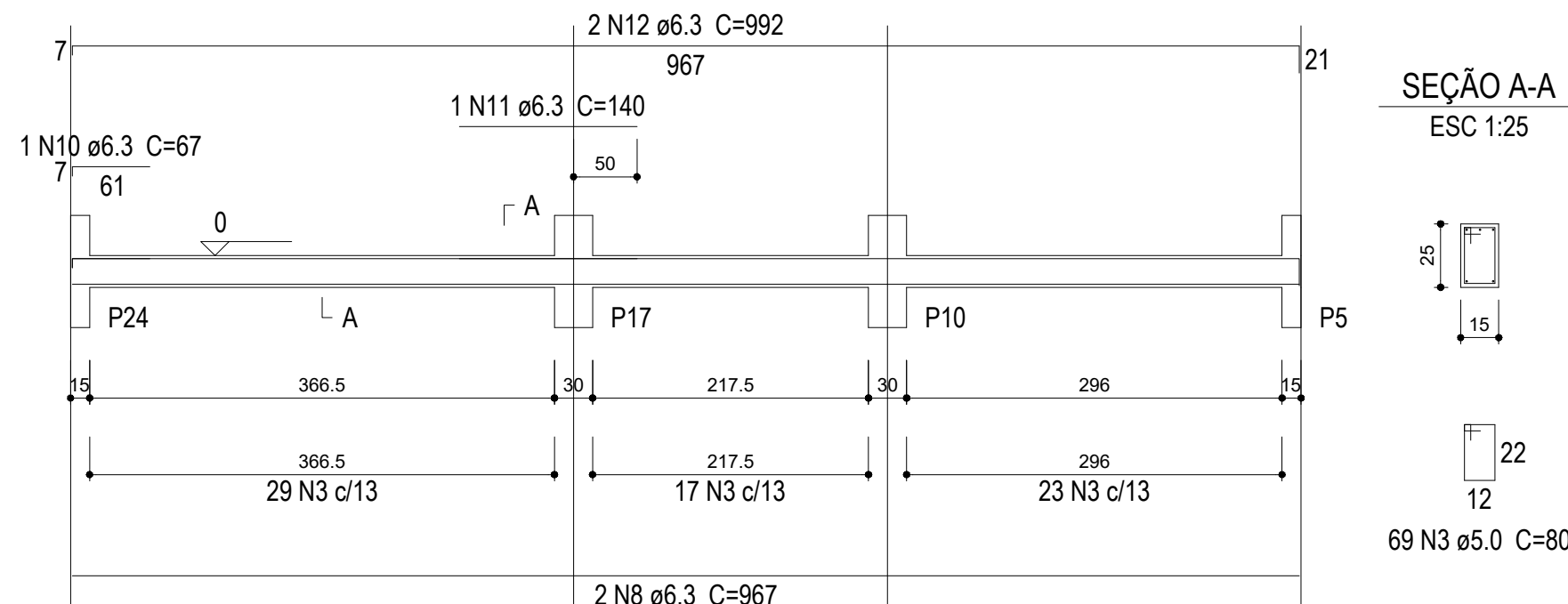
V17

ESC 1:50



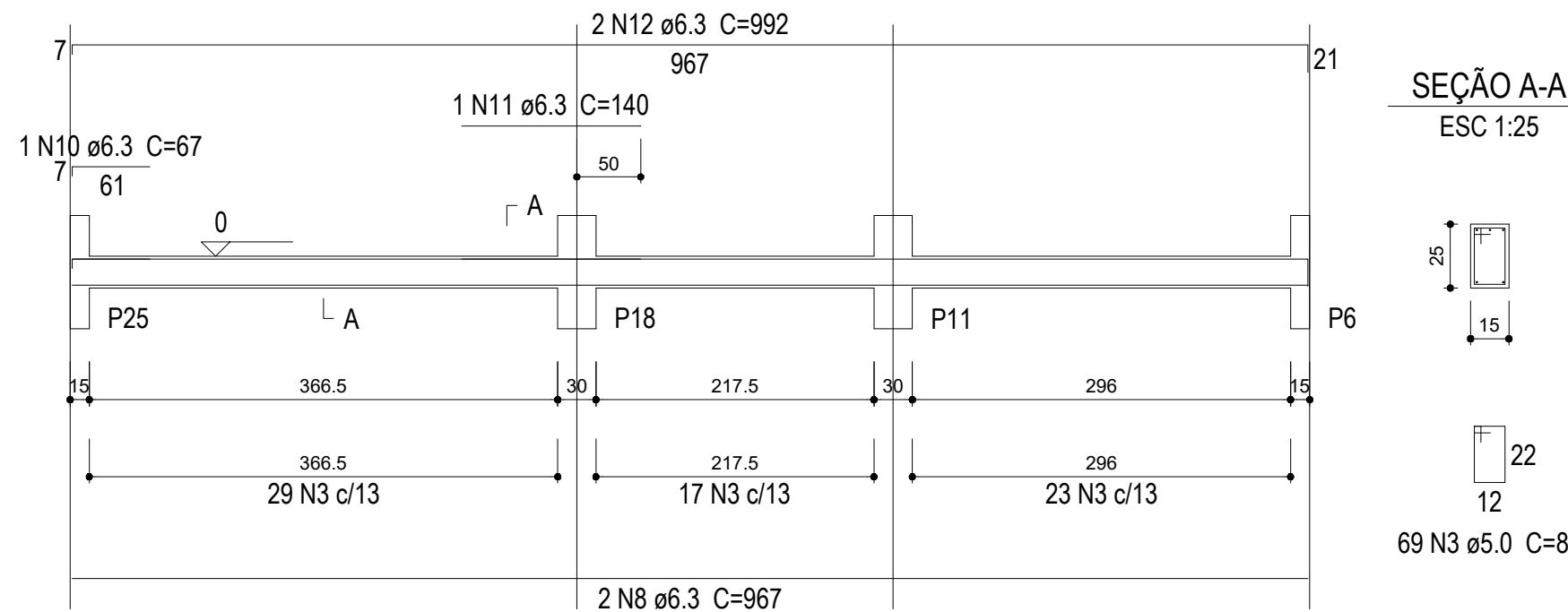
V18

ESC 1:50



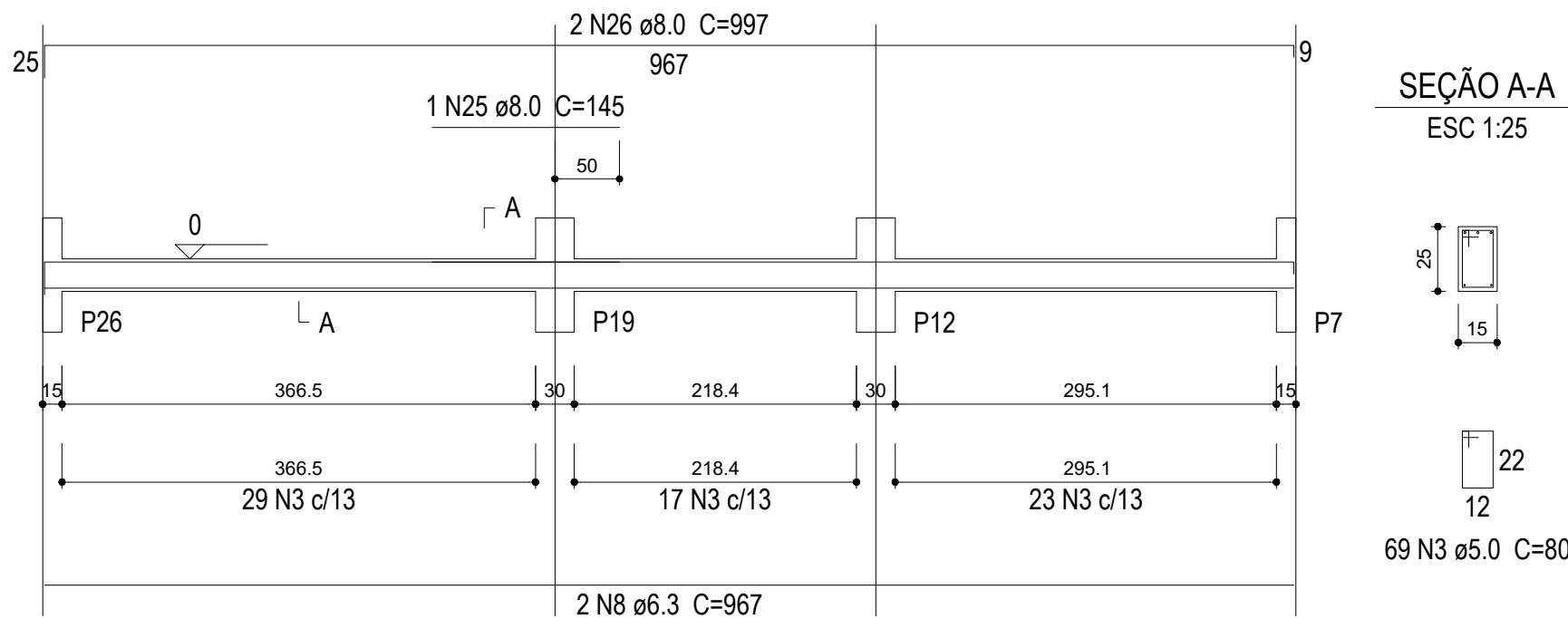
V19

ESC 1:50



V20

ESC 1:50



Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	184.4	49.6
	8.0	115.6	50.2
	10.0	32.6	22.1
CA60	5.0	458.8	77.8
PESO TOTAL (kg)			
CA50	121.9		
CA60	77.8		

Volume de concreto (C-25) = 2.92 m³
Área de forma = 50.67 m²

PROJETO ESTRUTURAL

TERRENO	EDIFICAÇÃO	Áreas: A Construir:	 ARMA Engenharia de Arquitetura e Engenharia de Estruturas Rua José Pinheiro, 100 - Bairro Santa Cruz - Curitiba, PR Fone: (41) 333-2277 E-mail: contato@armasolucoes.com.br www.armasolucoes.com.br	
		Nº de pavimentos: 01	MUNICÍPIO DE CARANDÁÍ	
		Logradouro (Rua): RUA SAGRADO CORAÇÃO DE JESUS, 01	Escala: INDICADA	Folha: 03 /08
		Município: DISTRITO DE HERMILO ALVES-CARANDÁ - MG	FCK: INDICADO	