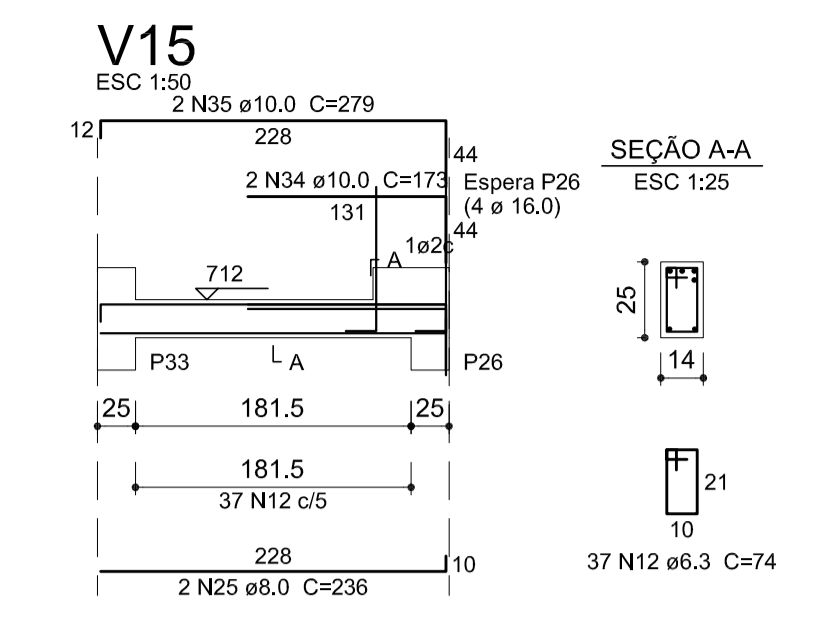
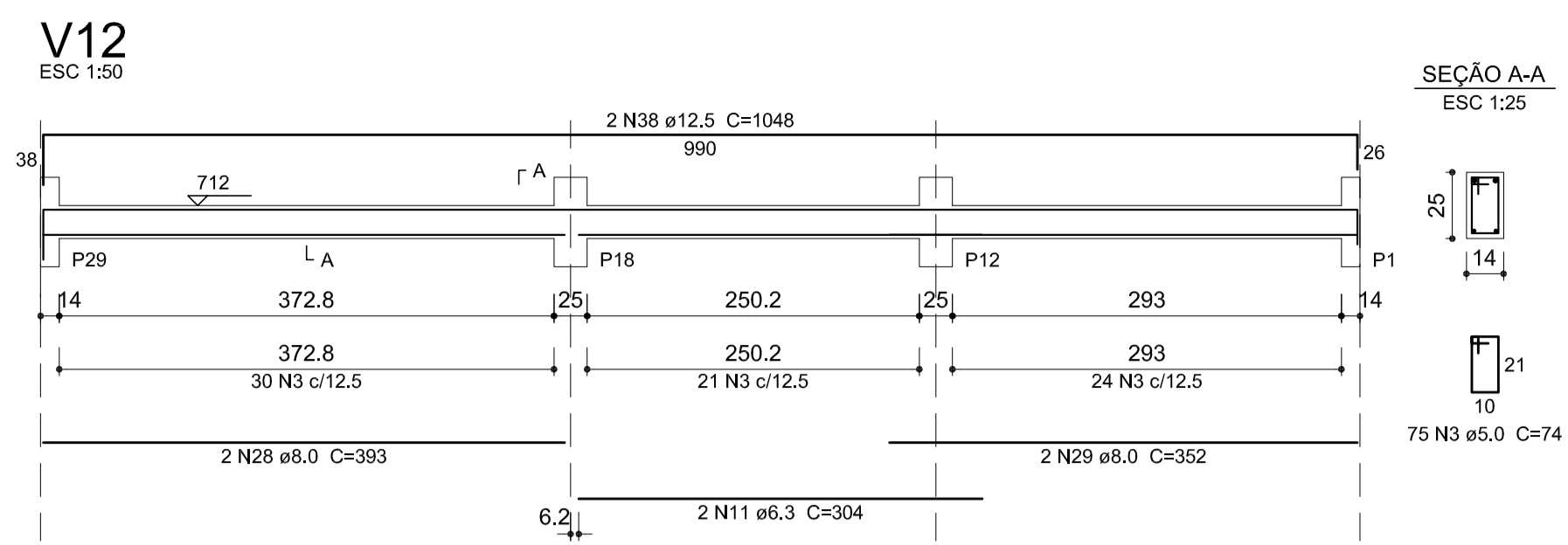
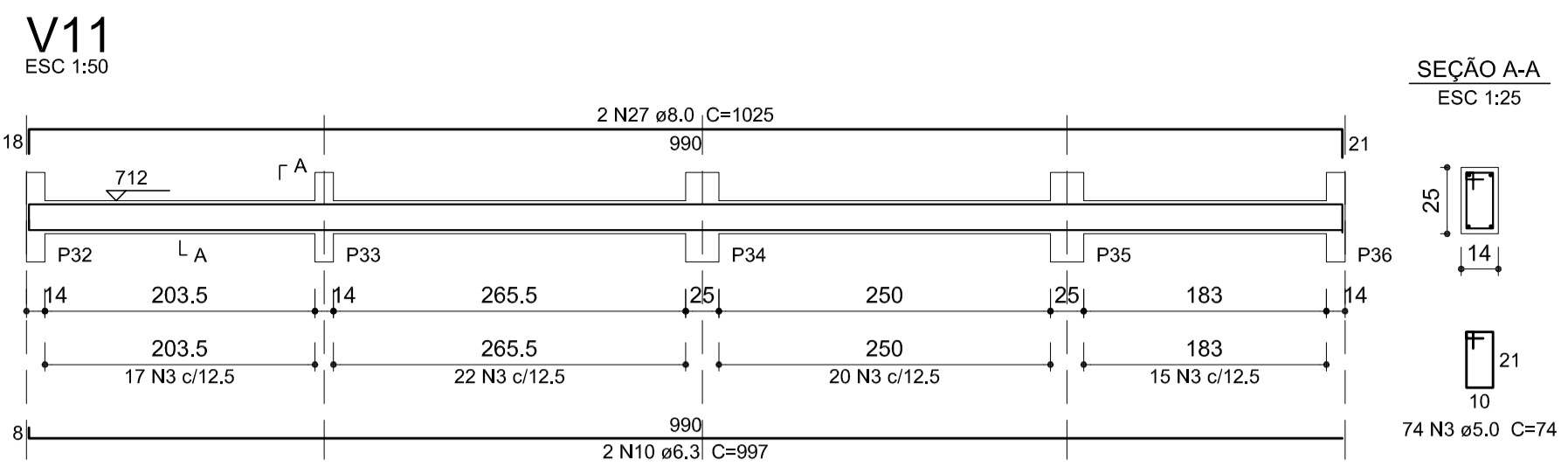


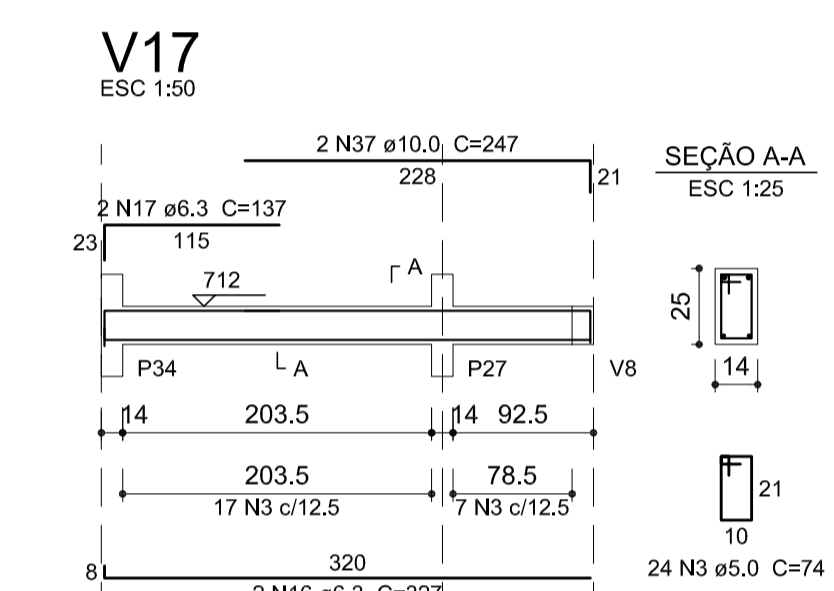
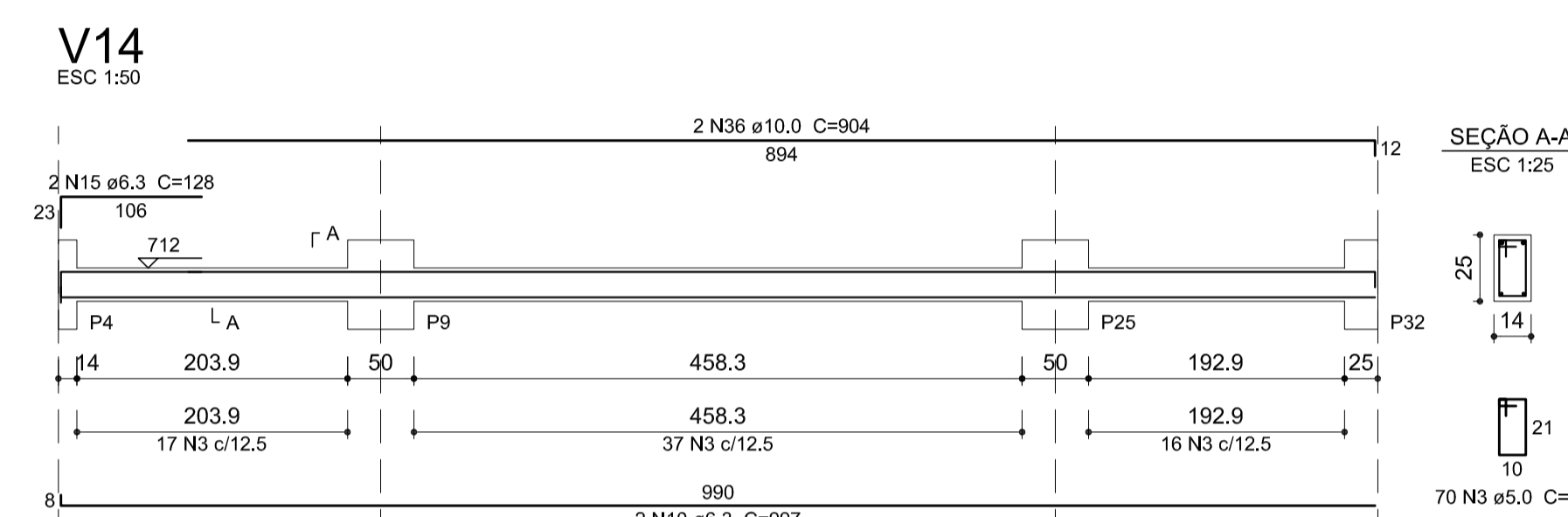
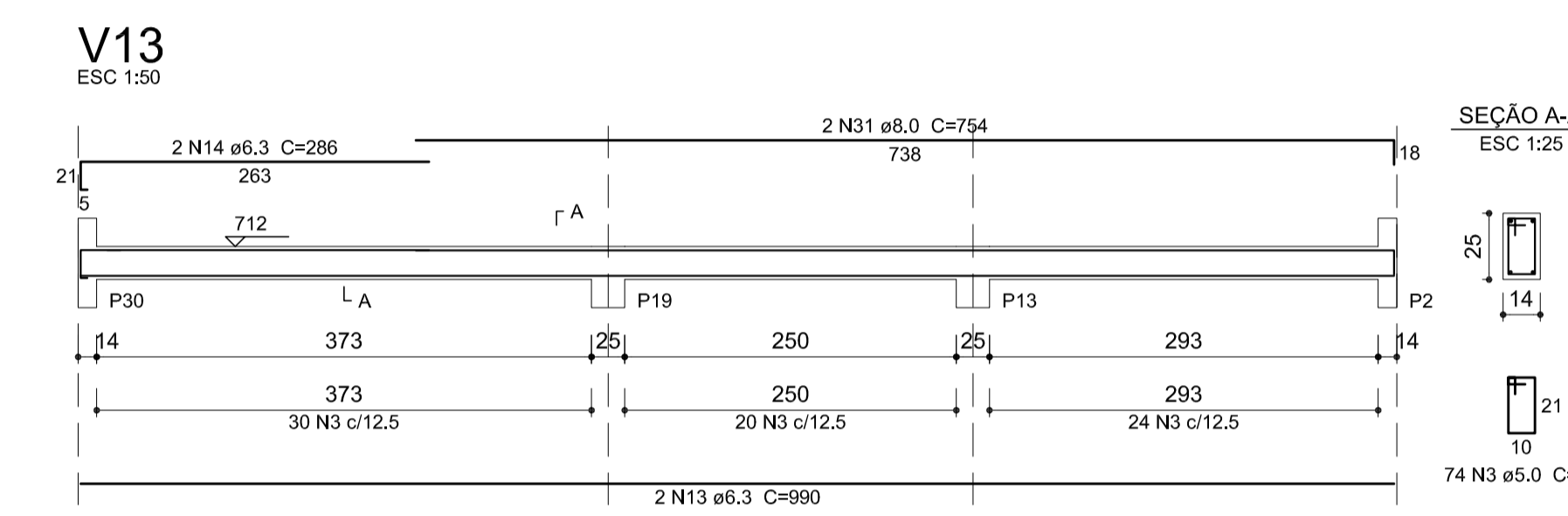
CONFIGURAÇÃO DE PENAS EM PRETO  
 COR: 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

COLOR 70% DA COR  
 31 01 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



**Relação do aço**

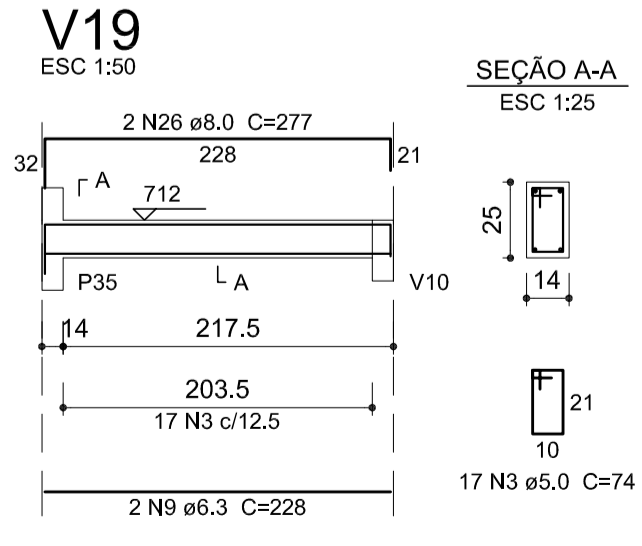
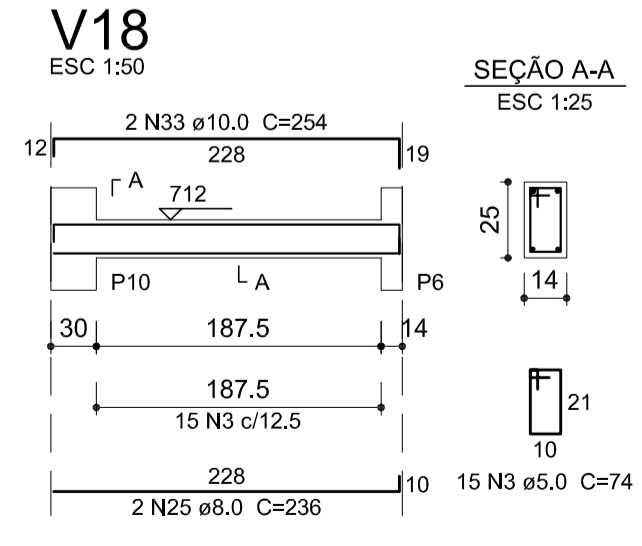
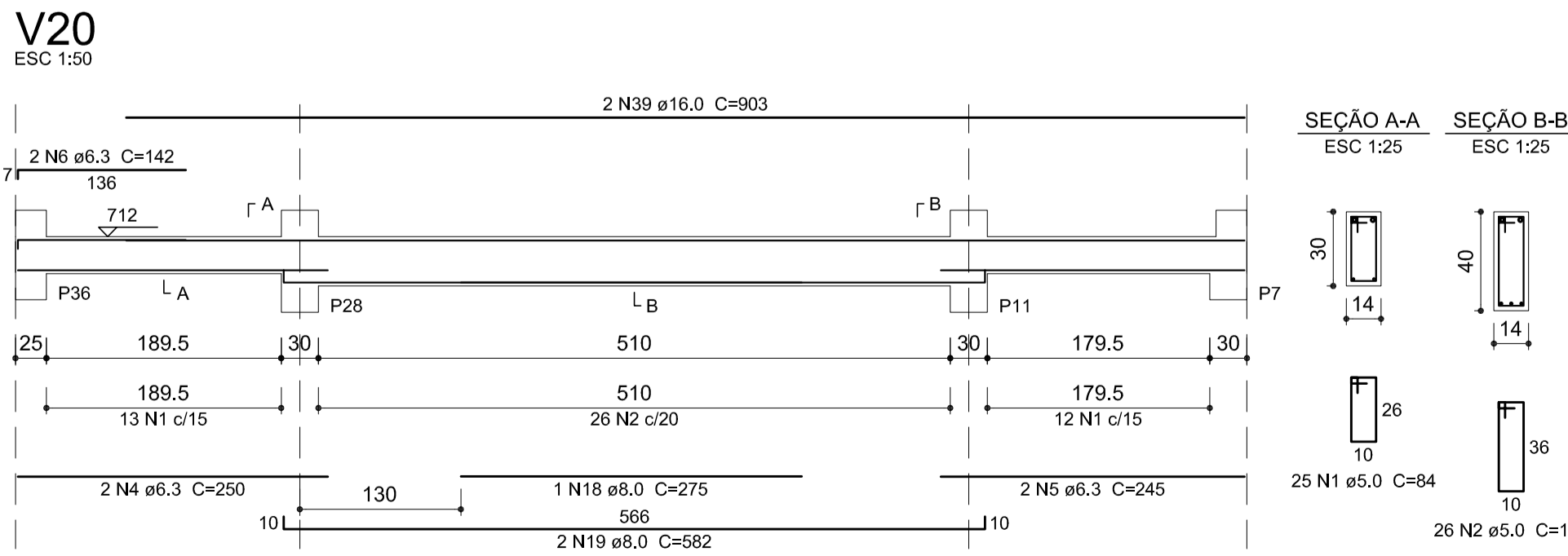
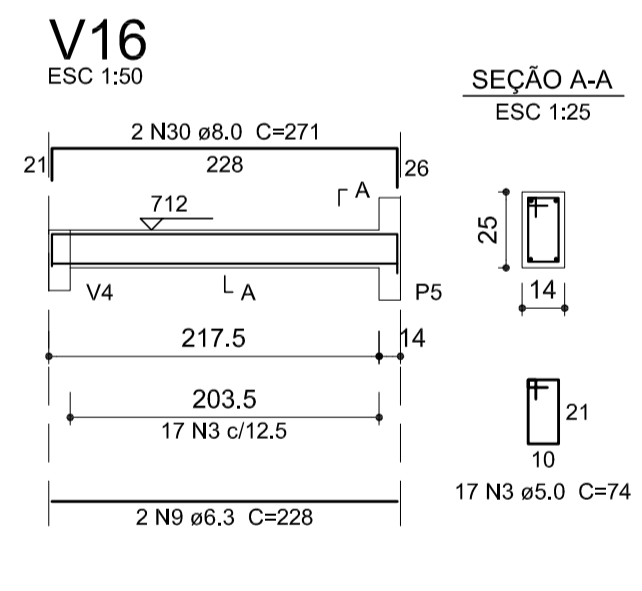
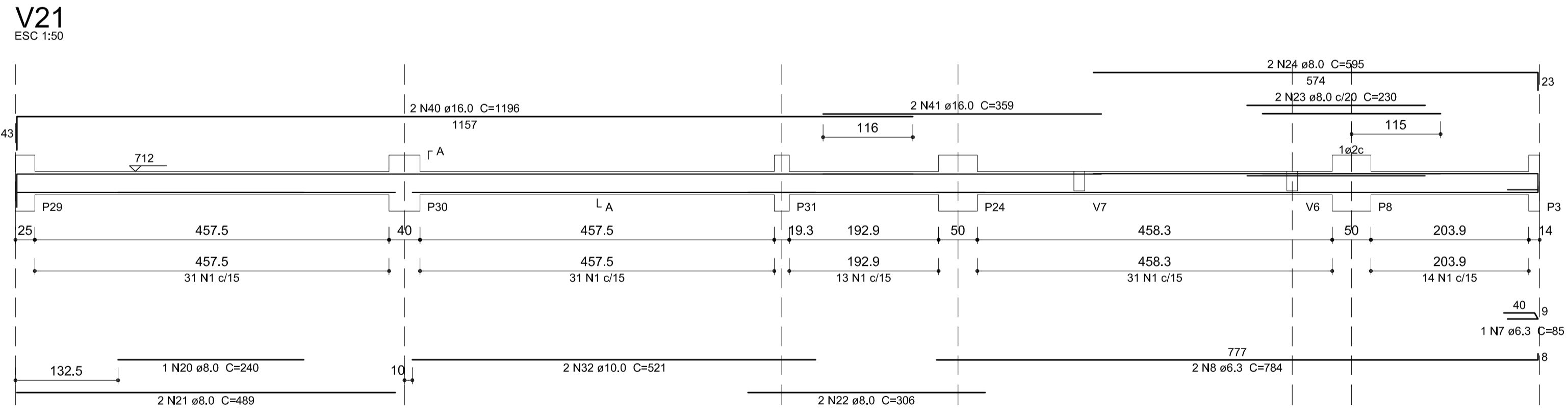
ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V11					
V12					
V13					
V14					
V15					
V16					
V17					
V18					
V19					
V20					
V21					
V22					
V23					
V24					
V25					
V26					
V27					
V28					
V29					
V30					
V31					
V32					
V33					
V34					
V35					
V36					
V37					
V38					
V39					
V40					
V41					



**Resumo do aço**

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	149.1	40.1
	8.0	120.1	52.1
	10.0	47.6	32.3
	12.5	21	22.2
	16.0	49.2	85.4
	5.0	419.7	71.2
<b>PESO TOTAL (kg)</b>			
CA50		232.1	
CA60		71.2	

Volume de concreto (C-20) = 3.15 m³  
 Área de forma = 56.45 m²



3		
2		
1		
Nº	Data	Versão/Revisão

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Proprietário: **PREFEITURA MUNICIPAL DE PAPAGAIOS**

Projeto: **PROJETO ESTRUTURAL**

Ref.: **VIGAS - BASE FL.02**

Endereço: **PRAÇA ALEXANDRE MACIEL nº 86 - SANTO ANTÔNIO - PAPAGAIOS - MG**

Autores: **MARLON BATISTA DA COSTA** (Eng. Civil-Santista - CREA 50744/D) e **SIMÔNIA C. FERREIRA COSTA** (Eng. Civil - CREA 177925/D)

Data: **MAI/2017**

Escala: **INDICADA**

Folha: **09**

FORMATO A1 - 841x594 mm