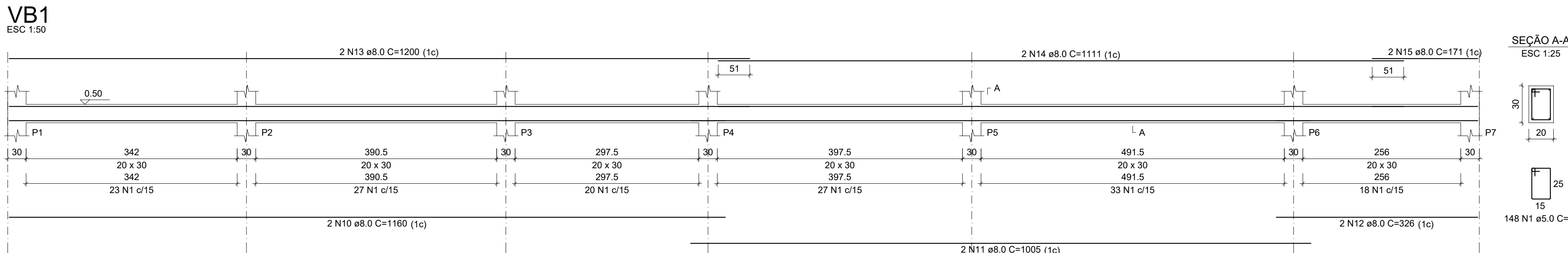
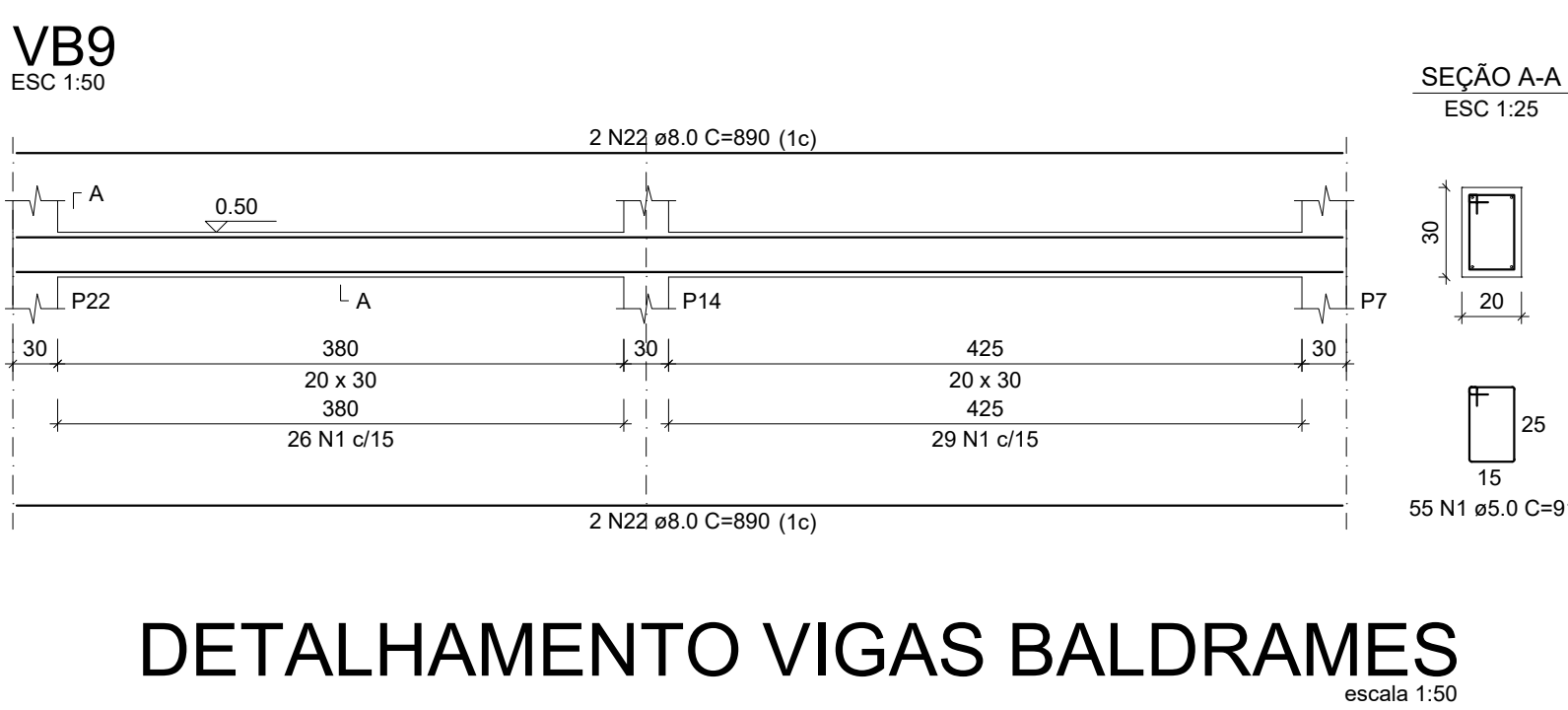
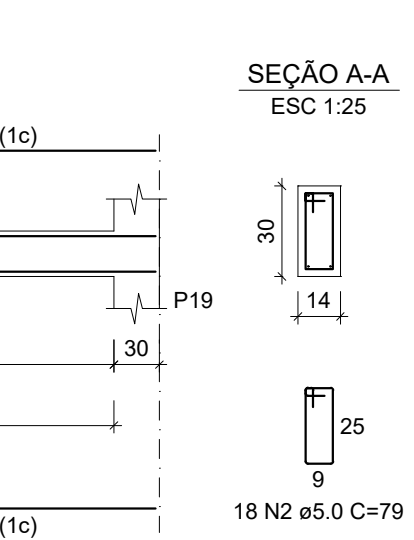
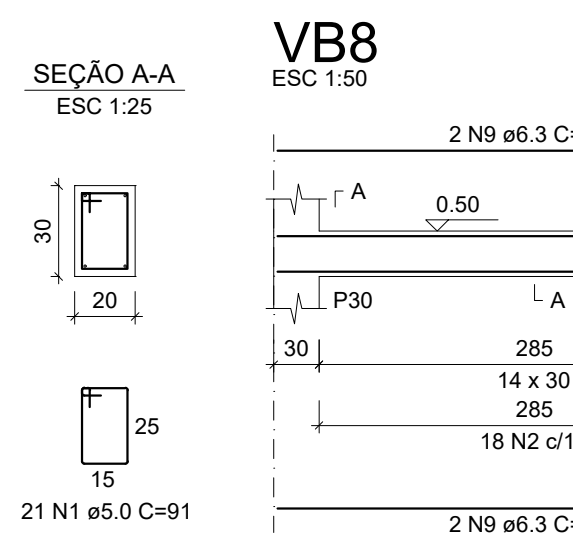
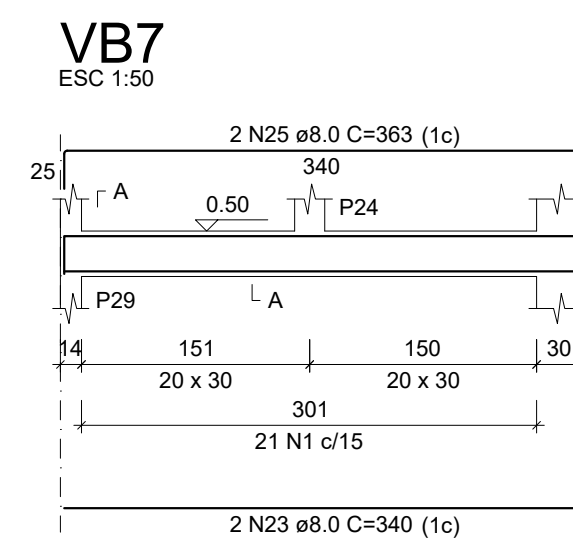
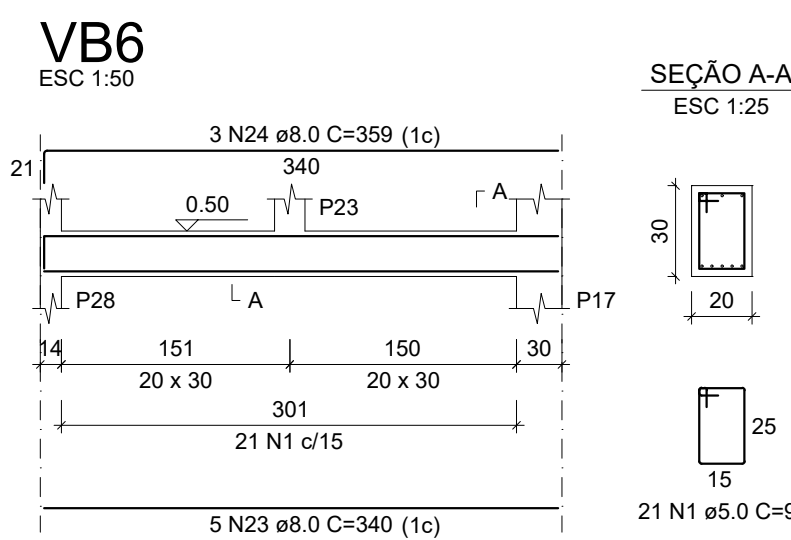
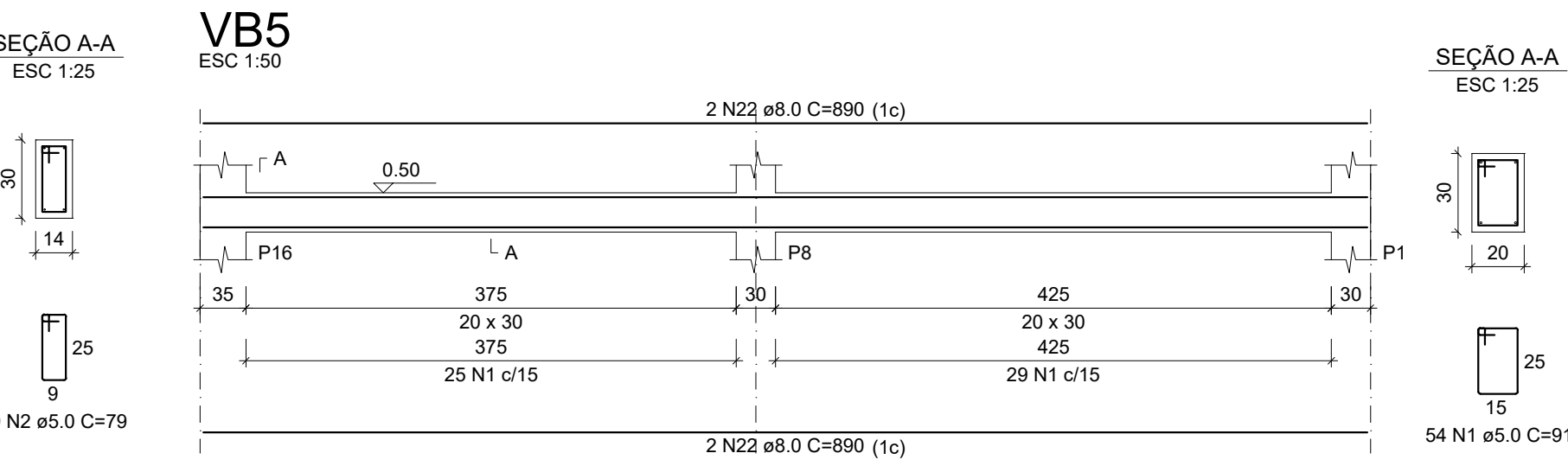
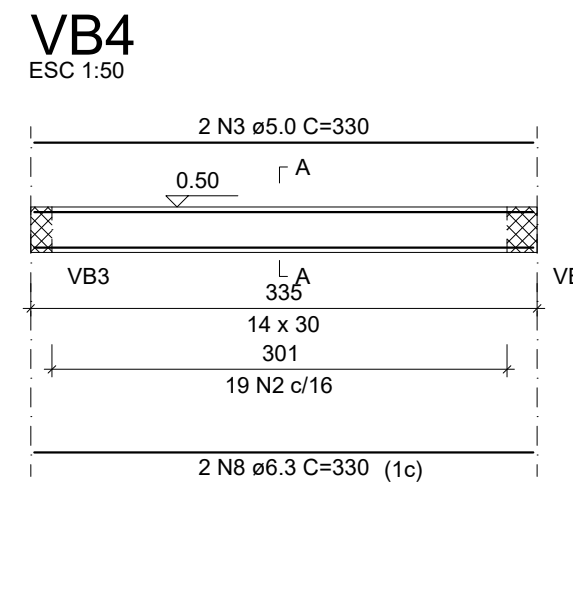
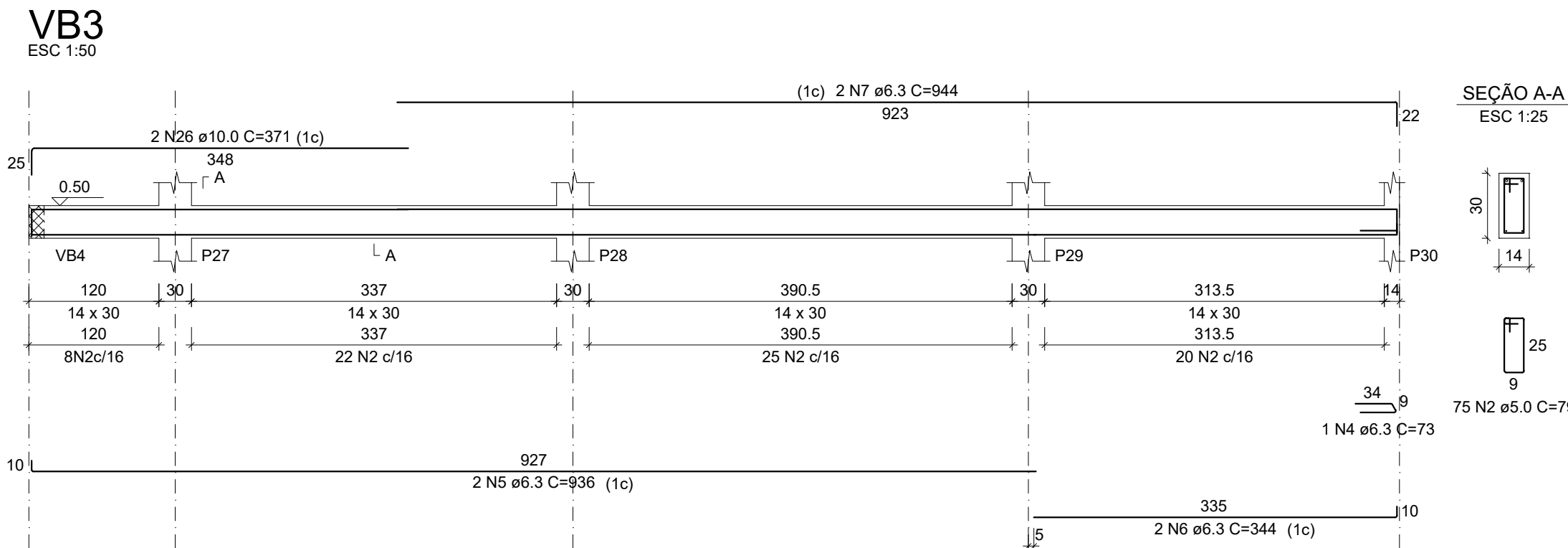
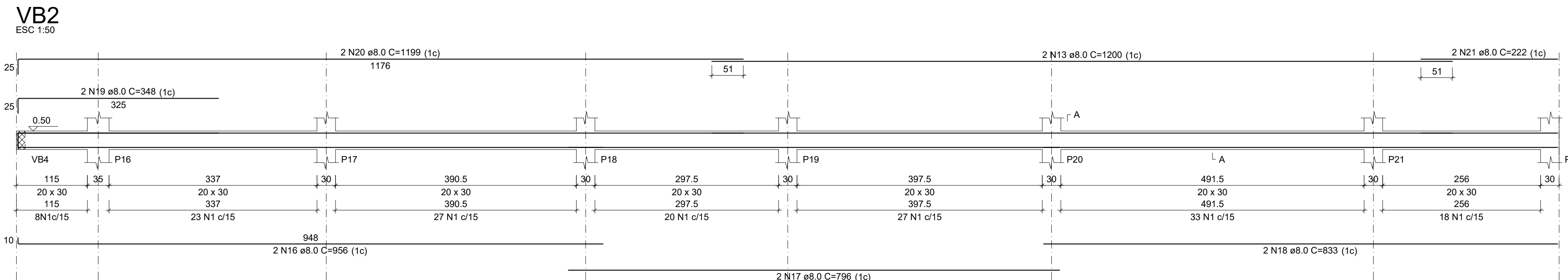


RELAÇÃO DO AÇO					
5xS3 3xS14 S25 S30	3xS10 8xS16 S28	2xS12 2xS22 2xS29			
CA50	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
	1	8.0	12	99	1188
	2	8.0	8	114	912
	3	8.0	19	124	2356
	4	8.0	16	104	1664
	5	8.0	7	94	658
	6	8.0	6	109	654
	7	10.0	80	153	12240
	8	10.0	54	168	9072
	9	10.0	40	183	7320
	10	10.0	42	143	6006
	11	10.0	96	163	15648
	12	10.0	28	133	3724

RESUMO DO AÇO			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	74.3	32.3
	10.0	540.1	966.3
PESO TOTAL (kg)			
CA50		398.5	
Volume de concreto (C-25) = 10.40 m³			
Área de forma = 42.55 m²			



RELAÇÃO DO AÇO					
VB1 VB4 VB7	VB2 VB5 VB8	VB3 VB6 VB9			
CA60	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
	1	5.0	455	91	41405
	2	5.0	112	79	8848
	3	5.0	2	330	660
	4	6.3	1	73	73
	5	6.3	2	936	1872
	6	6.3	2	344	688
	7	6.3	2	944	1888
	8	6.3	2	330	660
	9	6.3	4	340	1360
	10	8.0	2	1160	2320
	11	8.0	2	1005	2010
	12	8.0	2	326	652
	13	8.0	4	1200	4800
	14	8.0	2	1111	2222
	15	8.0	2	171	342
	16	8.0	2	956	1912
	17	8.0	2	796	1592
	18	8.0	2	833	1666
	19	8.0	2	348	696
	20	8.0	2	1199	2398
	21	8.0	2	222	444
	22	8.0	6	880	7120
	23	8.0	7	340	2380
	24	8.0	3	359	1077
	25	8.0	2	363	726
	26	10.0	2	371	742



DETALHAMENTO VIGAS BALDRAMES

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:**



DETALHAMENTO SAPATAS
DETALHAMENTO VIGAS BALDRAMES

Áreas :	Data:	Escala:	Folha:
VER ARQUITETURA	16/08/2021	INDICADAS	02/10