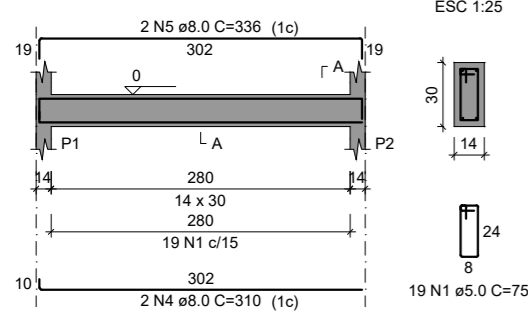


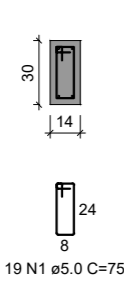
VB1

ESC 1:50



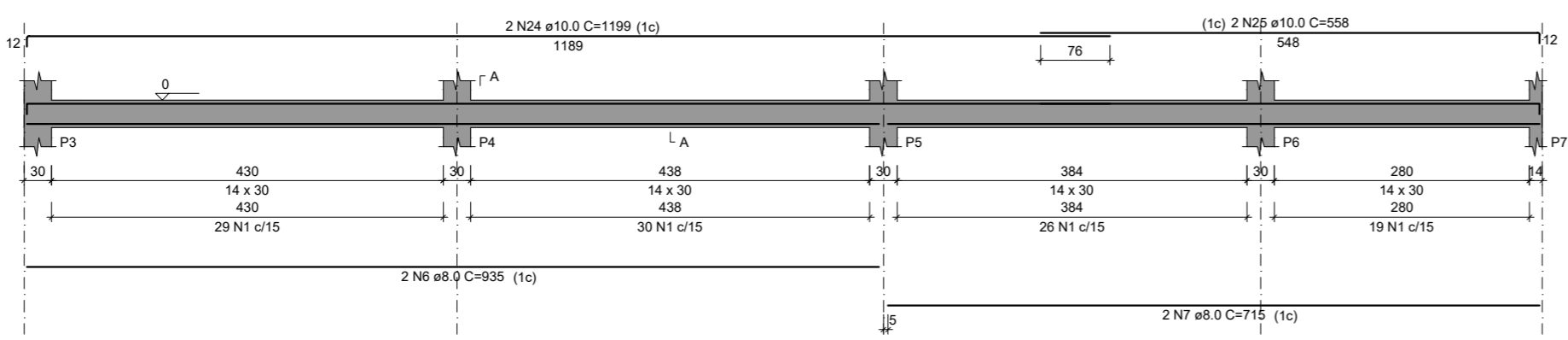
SEÇÃO A-A

ESC 1:25



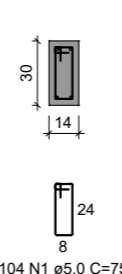
VB2

ESC 1:50



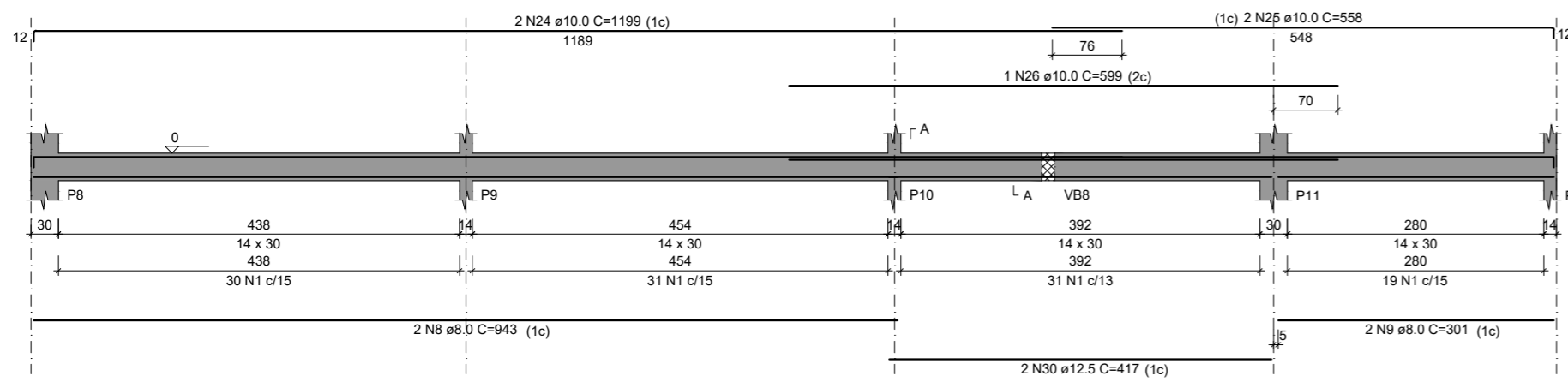
SEÇÃO A-A

ESC 1:25



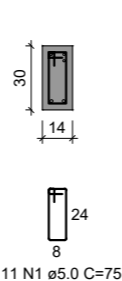
VB3

ESC 1:50



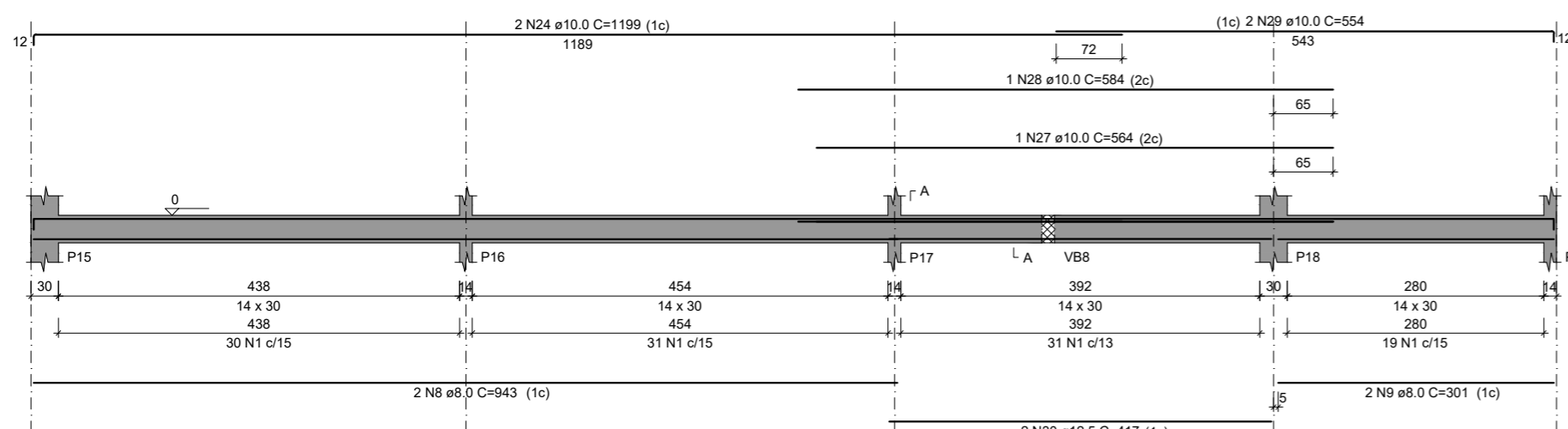
SEÇÃO A-A

ESC 1:25



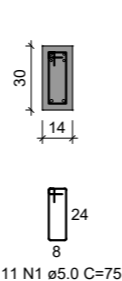
VB4

ESC 1:50



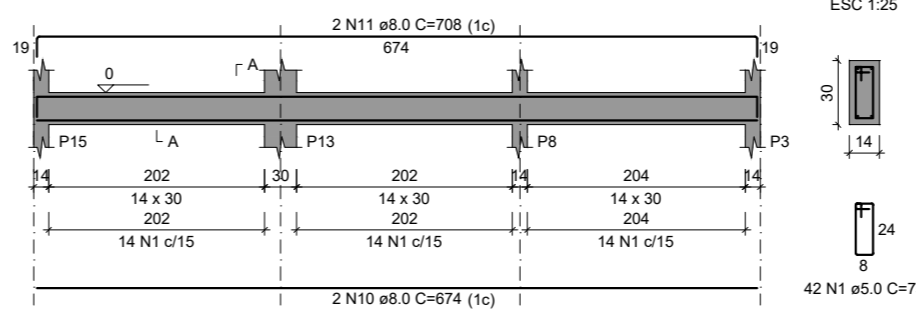
SEÇÃO A-A

ESC 1:25



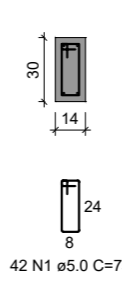
VB5

ESC 1:50



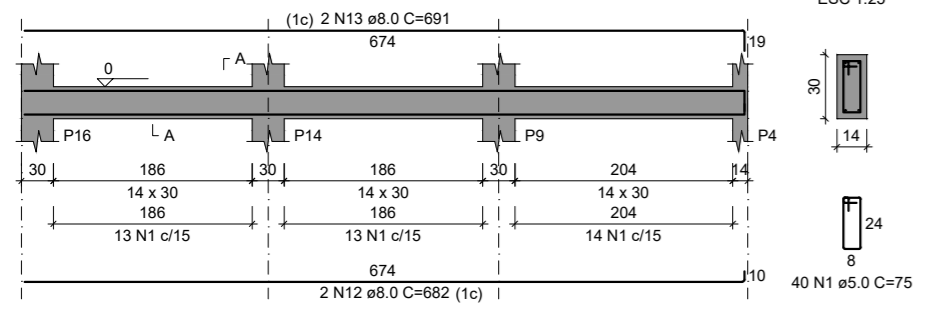
SEÇÃO A-A

ESC 1:25



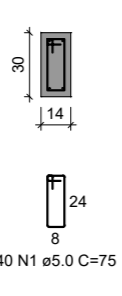
VB6

ESC 1:50



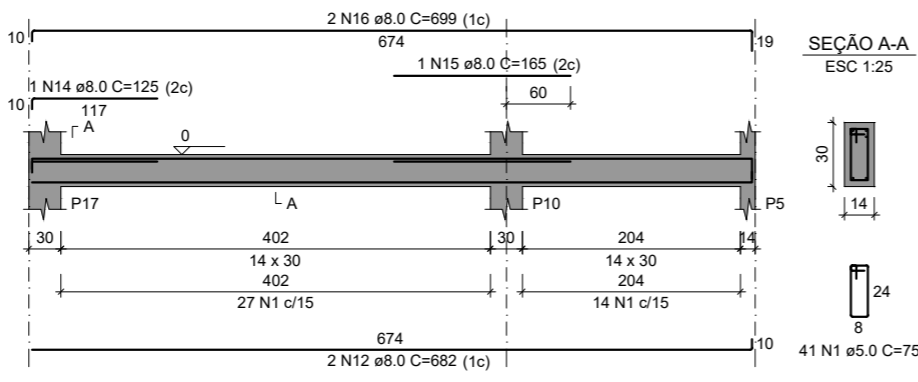
SEÇÃO A-A

ESC 1:25



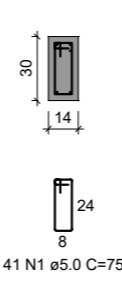
VB7

ESC 1:50



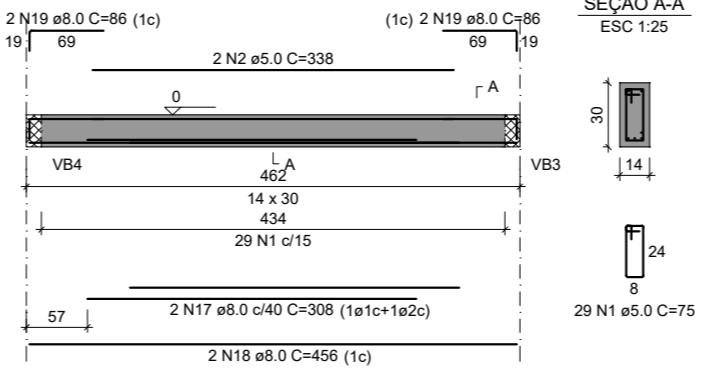
SEÇÃO A-A

ESC 1:25



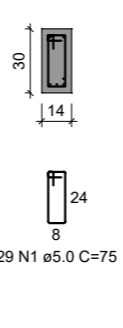
VB8

ESC 1:50



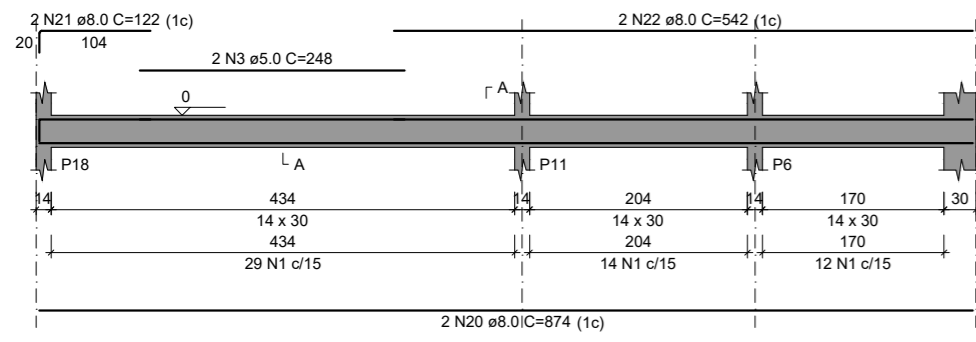
SEÇÃO A-A

ESC 1:25



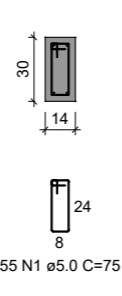
VB9

ESC 1:50



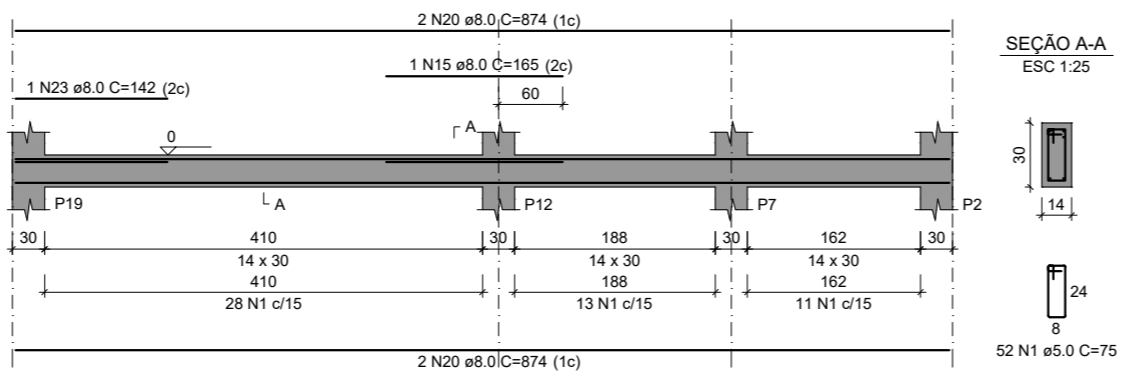
SEÇÃO A-A

ESC 1:25



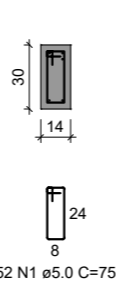
VB10

ESC 1:50



SEÇÃO A-A

ESC 1:25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	604	75	45300
CA50	2	5.0	2	338	676
	3	5.0	2	248	496
	4	8.0	2	310	620
	5	8.0	2	336	672
	6	8.0	2	935	1870
	7	8.0	2	715	1430
	8	8.0	4	943	3772
	9	8.0	4	301	1204
	10	8.0	2	674	1348
	11	8.0	2	708	1416
	12	8.0	4	682	2728
	13	8.0	2	691	1382
	14	8.0	1	125	125
	15	8.0	2	165	330
	16	8.0	2	699	1398
	17	8.0	2	308	616
	18	8.0	2	456	912
	19	8.0	4	86	344
	20	8.0	6	874	5244
	21	8.0	2	122	244
	22	8.0	2	542	1084
	23	8.0	1	142	142
	24	10.0	6	1199	7194
	25	10.0	4	558	2232
	26	10.0	1	599	599
	27	10.0	1	564	564
	28	10.0	1	584	584
	29	10.0	2	554	1108
	30	12.5	4	417	1668

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	268.8	116.7
	10.0	122.8	83.3
CA60	5.0	464.7	78.8
PESO TOTAL (kg)			
CA50		217.6	
CA60		78.8	

Volume de concreto (C-25) = 3.69 m³  
Área de forma = 64.94 m²

CONTRATADA:		CONTRATANTE:	
 CARVALHO AMARAL ENGENHARIA & PROJETOS CNPJ Nº: 16.783.066/0001-35 AVENIDA MESTRA FININHA, Nº 726 - 1º ANDAR, CIDADE SANTA MARIA, MONTES CLAROS/MG - CEP: 37401-074		 PREFEITURA JAPONVAR Do povo para o povo CNPJ Nº: 01.612.476/0001-46 RUA CURITIBA, Nº 212 - CENTRO JAPONVAR/MG - CEP: 37335-000	
RESPONSÁVEL TÉCNICO:		RESPONSÁVEL LEGAL:	
GABRIEL VINICIUS MARTINS CREA/CAU: 230.779/D - MG		PREFEITO(A) MUNICIPAL DE JAPONVAR	
<b>AMPLIAÇÃO DO CENTRO DE SAÚDE MUNICIPAL, CONSTRUÇÃO DA SALA DE RAO X</b>			
DESCRIÇÃO: DETALHES DAS VIGAS DE FUNDAÇÃO, RESUMO DE AÇO, CONCRETO E FORMAS.			
ENDEREÇO DA OBRA: PRAÇA CENTRAL, RUA BRÁSILIA, S/Nº, BAIRRO CENTRO			
MUNICÍPIO: JAPONVAR/MG		DATA INICIAL: 23 DE NOVEMBRO DE 2023	
FASE DO PROJETO: INICIAL		ART/RRT:	
REFERÊNCIA DO PROJETO: 1815		ESCALA: INDICADAS	
		Nº REVISÃO: 01	
		<b>04/07</b>	

ESTRUTURAL