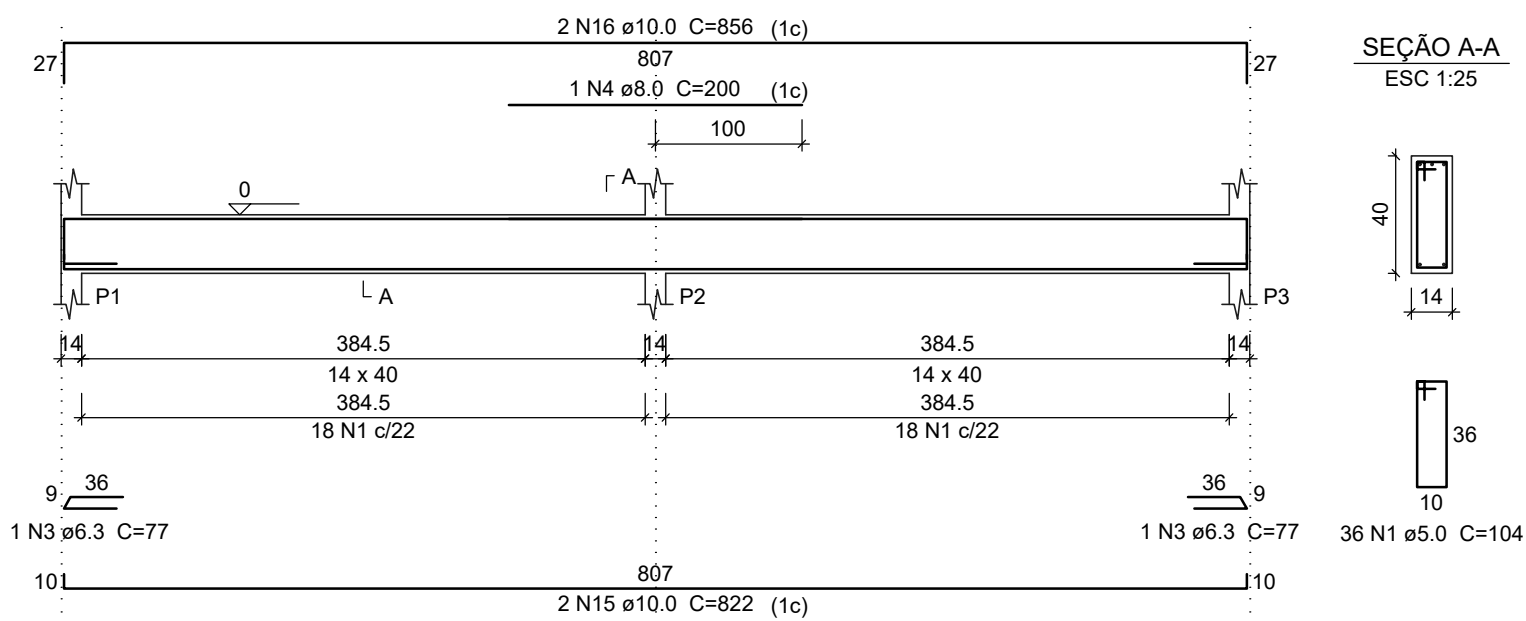
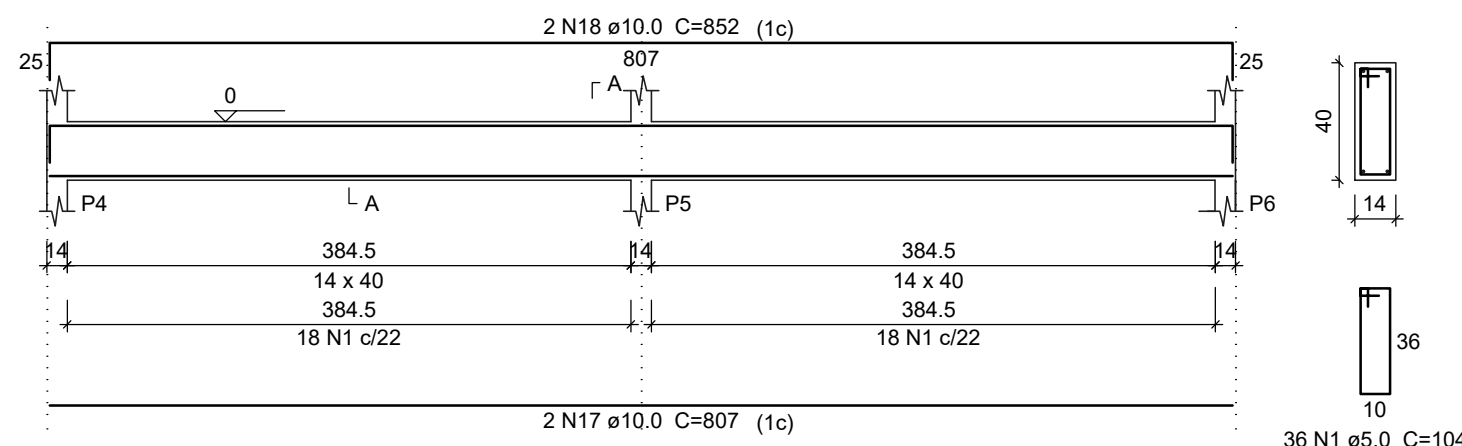


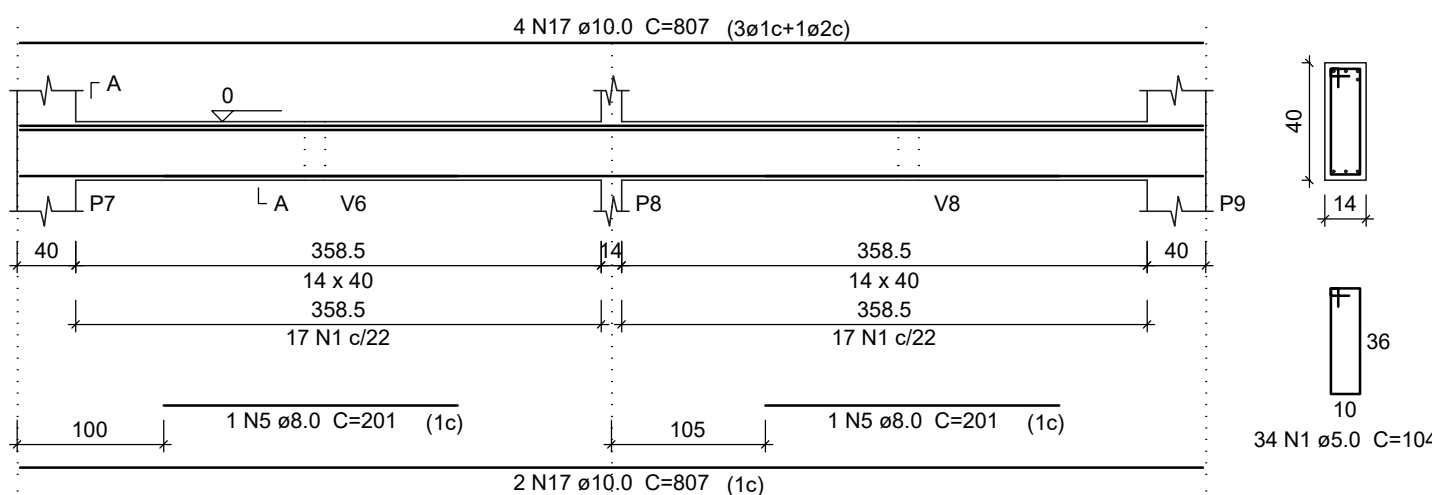
V1
ESC 1:50



V2
ESC 1:50



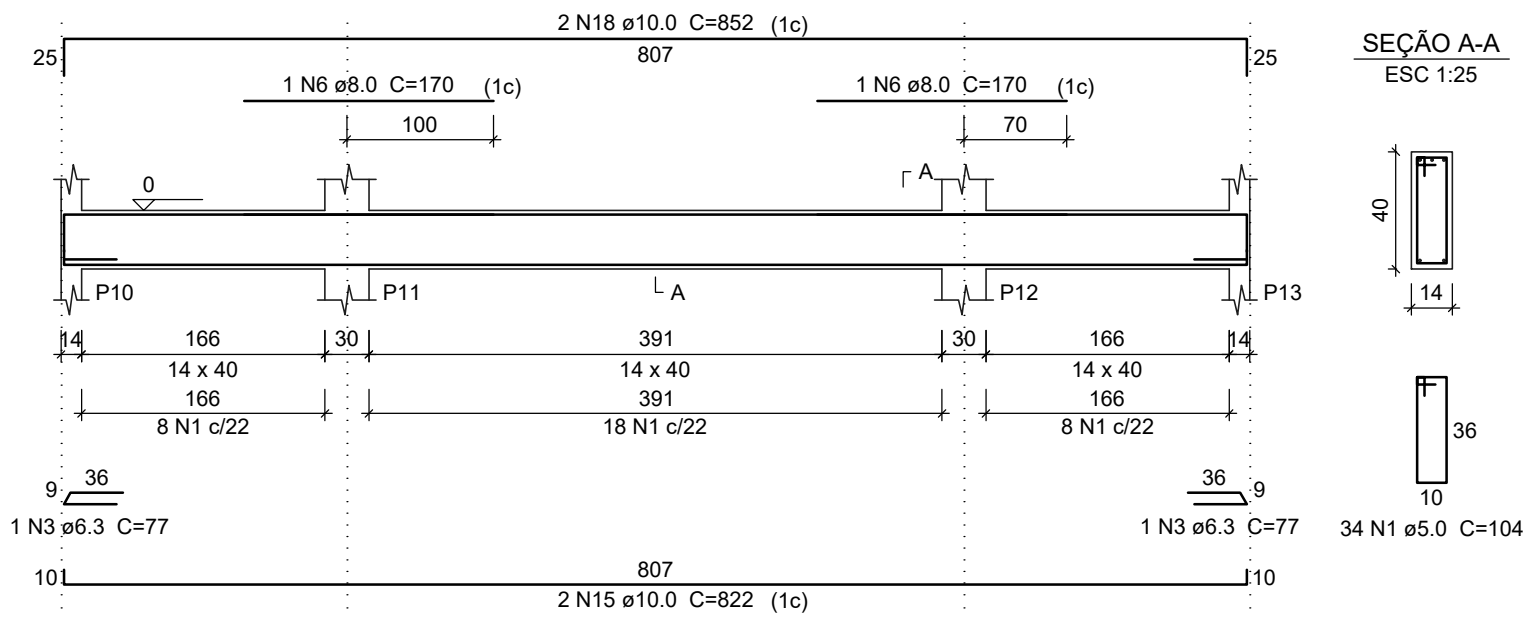
V3
ESC 1:50



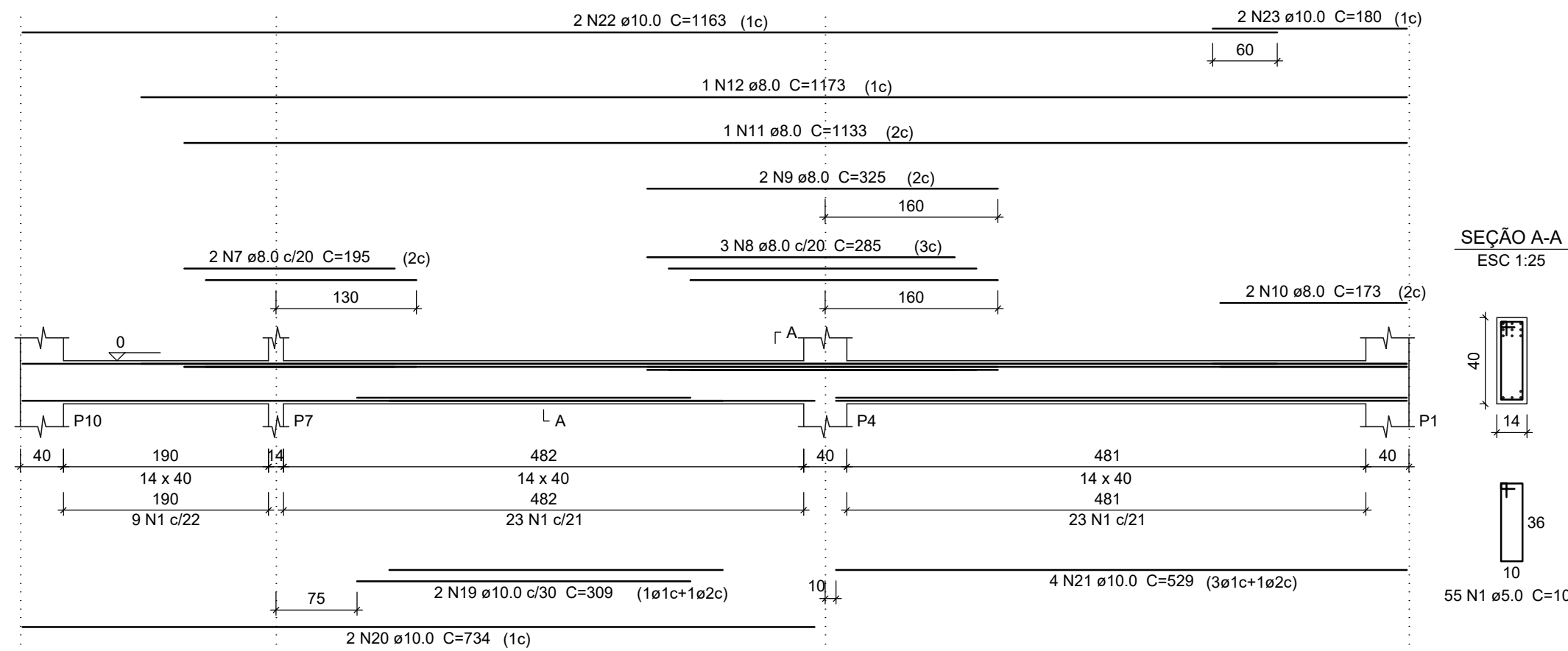
Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	1	5.0	311	104	32344
V4	2	5.0	28	84	2352
V6	3	6.3	4	77	308
V7	4	8.0	1	200	200
	5	8.0	2	201	402
	6	8.0	2	170	340
	7	8.0	4	195	780
	8	8.0	6	285	1710
	9	8.0	4	325	1300
	10	8.0	4	173	692
	11	8.0	2	1133	2266
	12	8.0	2	1173	2346
	13	8.0	4	278	1112
	14	8.0	2	231	462
	15	10.0	4	822	3288
	16	10.0	2	856	1712
	17	10.0	8	807	6456
	18	10.0	4	852	3408
	19	10.0	4	309	1236
	20	10.0	4	734	2936
	21	10.0	12	529	6348
	22	10.0	4	1163	4652
	23	10.0	4	180	720
	24	10.0	4	240	960
	25	10.0	1	173	173
	26	10.0	2	225	450
	27	10.0	1	245	245
	28	10.0	2	664	1328
	29	10.0	3	168	504
	30	10.0	4	1053	4212
	31	12.5	2	507	1014

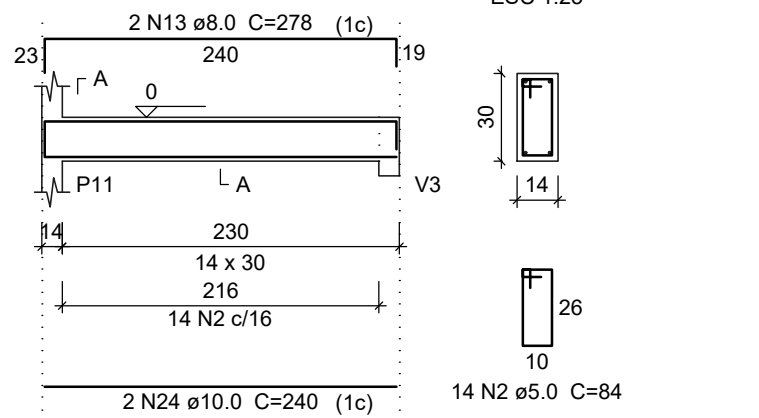
V4
ESC 1:50



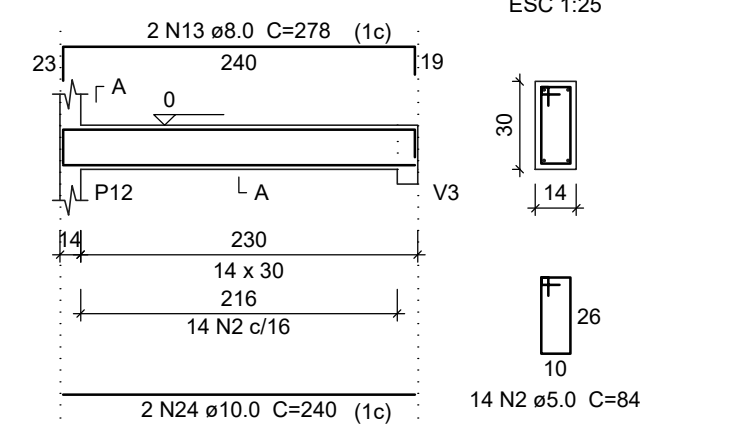
V5
ESC 1:50



V6
ESC 1:50



V8
ESC 1:50

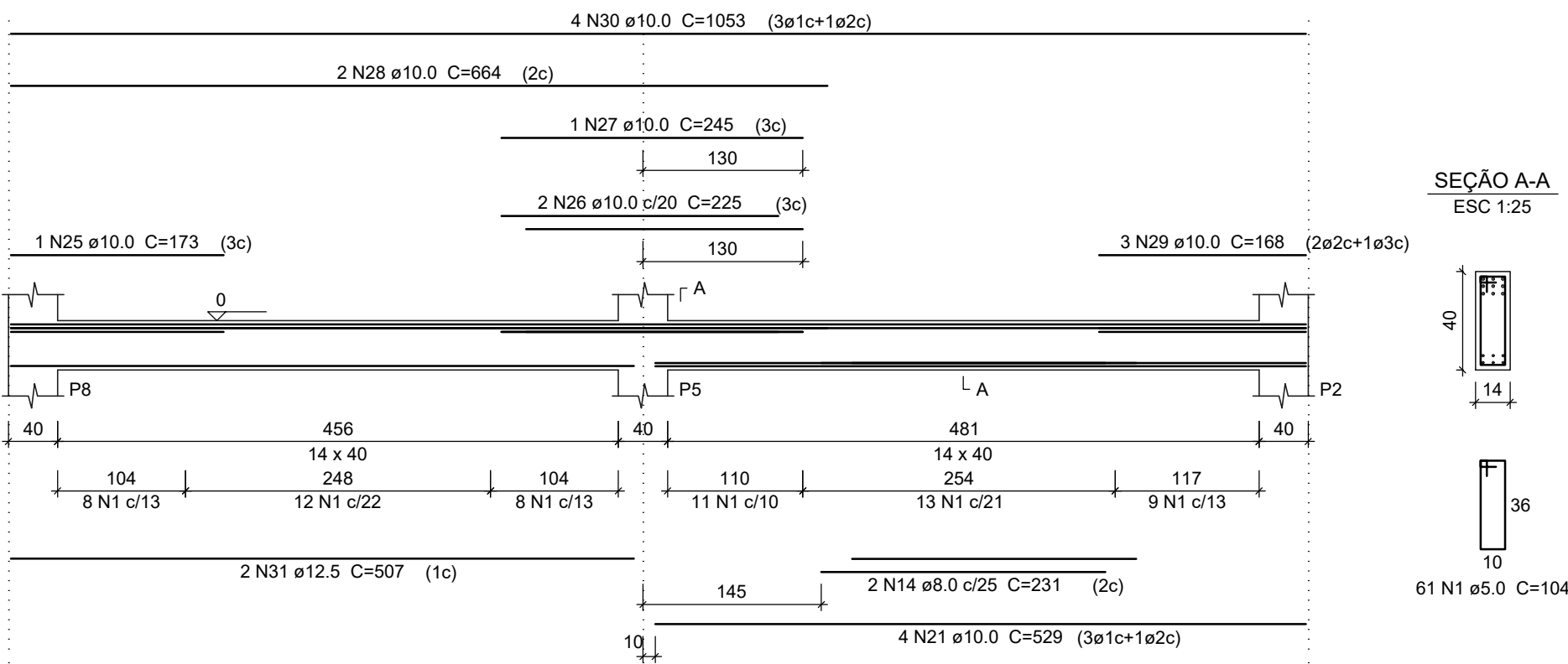


Resumo do aço

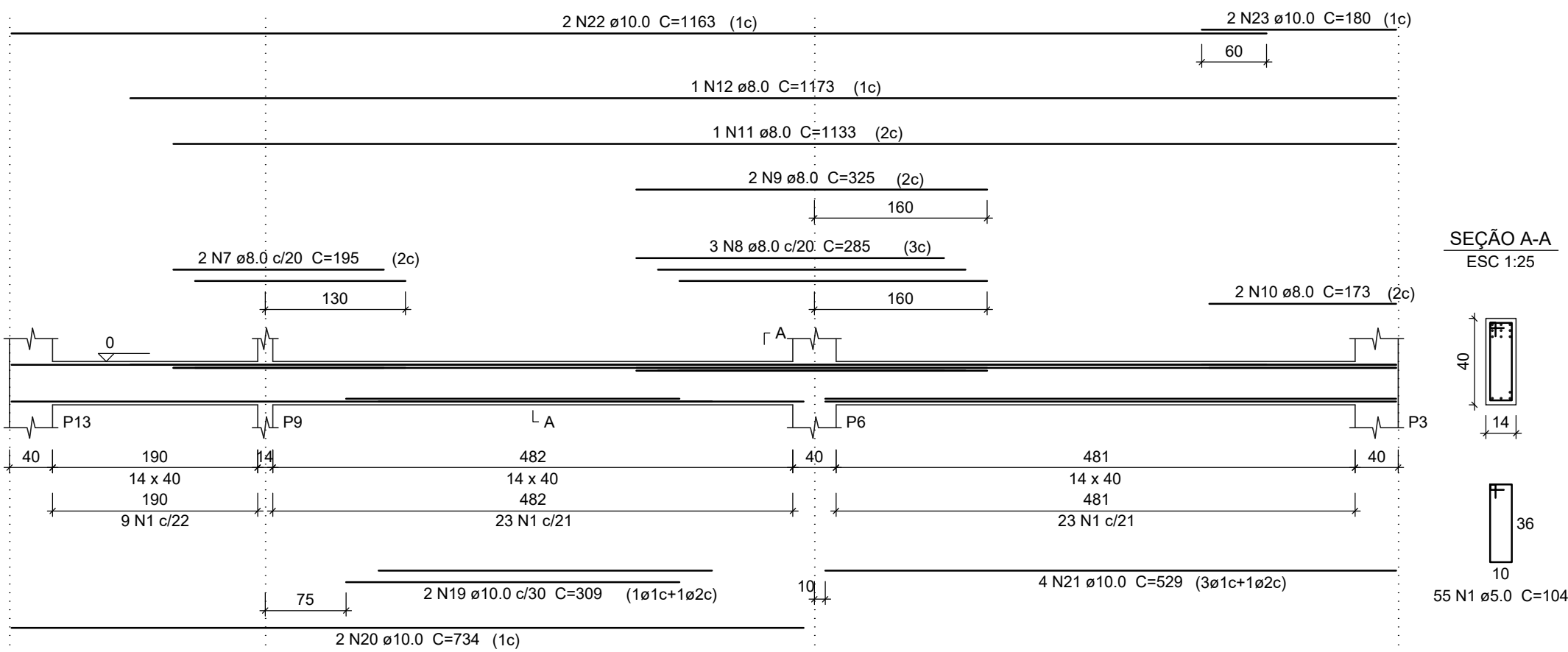
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	3.1	0.8
	8.0	116.1	50.4
	10.0	386.3	262
	12.5	10.2	10.7
CA60	5.0	347	58.8
PESO TOTAL (kg)			
CA50		323.9	
CA60		58.8	

Volume de concreto (C-25) = 4.05 m³
Área de forma = 68.24 m²

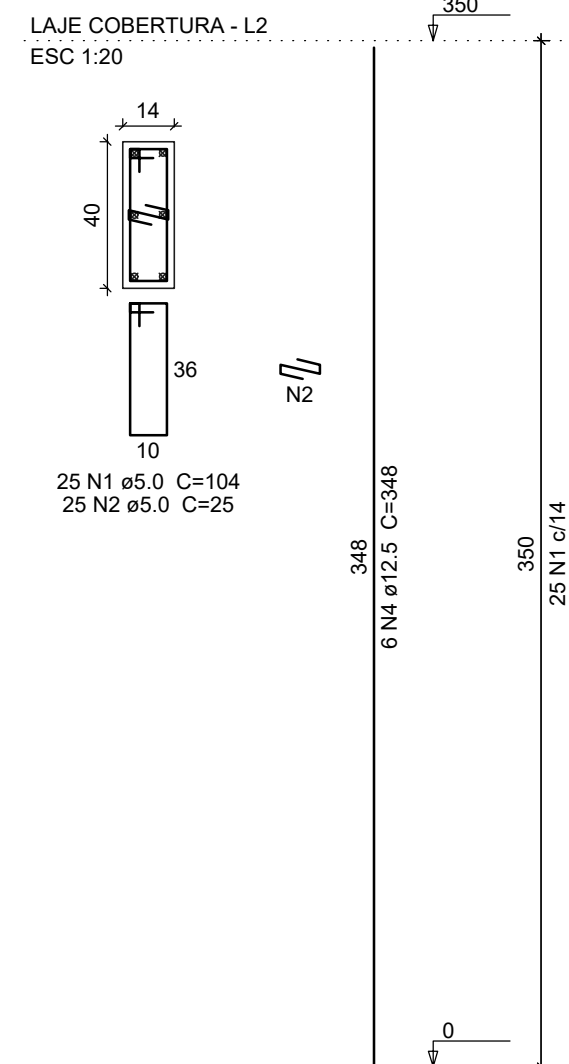
V7
ESC 1:50



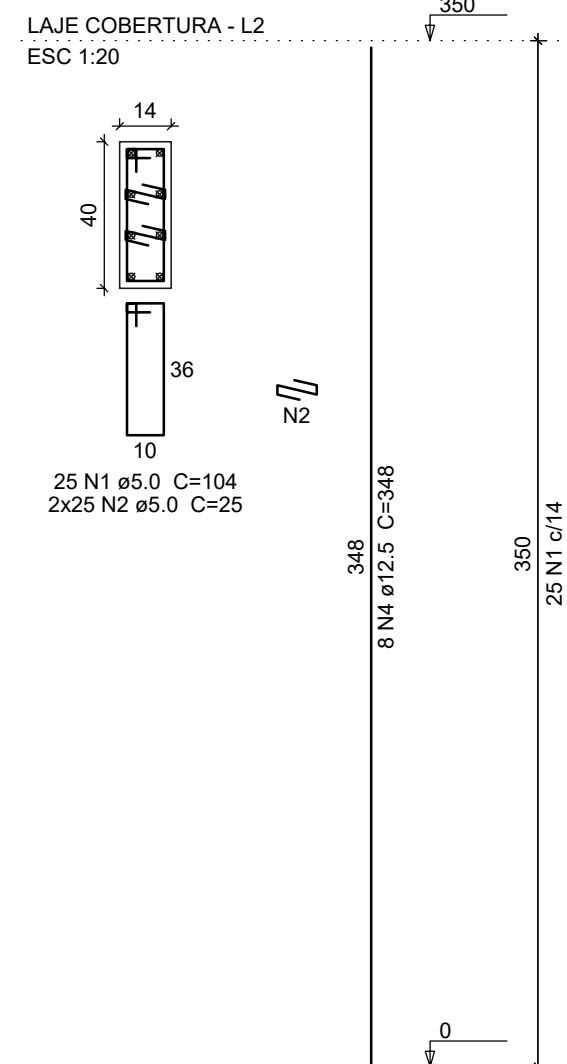
V9
ESC 1:50



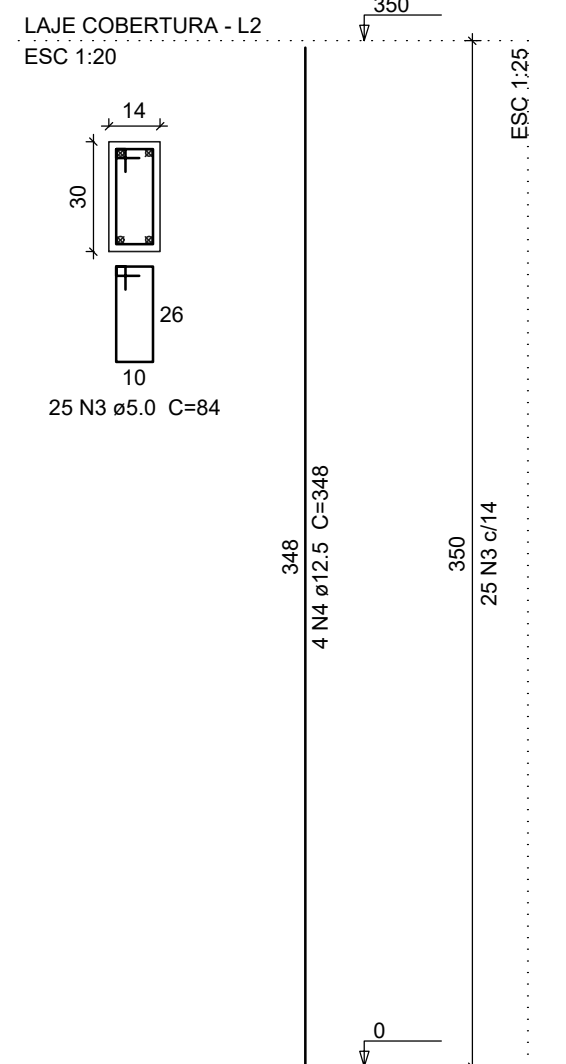
P1=P3=P4=P5=P6=P7=P8=P9=P10=
=P13



P2



P11=P12



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
10xP1	1	5.0	275	104	28600
	2	5.0	300	25	7500
	3	5.0	50	84	4200
CA50	4	12.5	76	348	26448

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	12.5	264.5	280.3
CA60	5.0	403	68.3
PESO TOTAL (kg)			
CA50		280.3	
CA60		68.3	

Volume de concreto (C-25) = 2.45 m³
Área de forma = 47.74 m²



INSTITUTO FEDERAL DE EDUCAÇÃO E
TECNOLOGIA CATARINENSE

UNIDADE:
CAMPUS CONCÓRDIA
Rodovia 283, Km 17 - Frágosos Concórdia/ SC

CONTRATANTE:
Eng. Civil Tania Valentim de Lima Fantin
CREA/SC 098.881-3

CONTRATANTE:
Alessandra Carine Portolan
Diretora Geral Campus Concórdia

NOME DO PROJETO:
AMPLIAÇÃO BANHEIROS - BLOCO PEDAGÓGICO

TÍTULO DO DESENHO:
Detalhamento das vigas Baldrames, Pilares pvtto Térreo

OBJETIVO DO PROJETO:
CONSTRUÇÃO

TIPO DE PROJETO:
ESTRUTURAL

AUTORIA DO DESENHO:
TANIA

ÁREA DO PROJETO:
104,37m²

CIDADE - UF:
CONCÓRDIA - SC

REVISÃO Nº:
00

DATA:
04/2024

ESCALA:
INDICADA

REFERÊNCIA:
EST 03/05