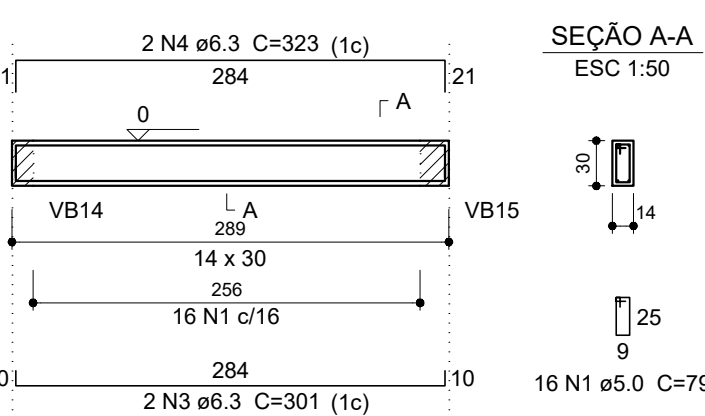
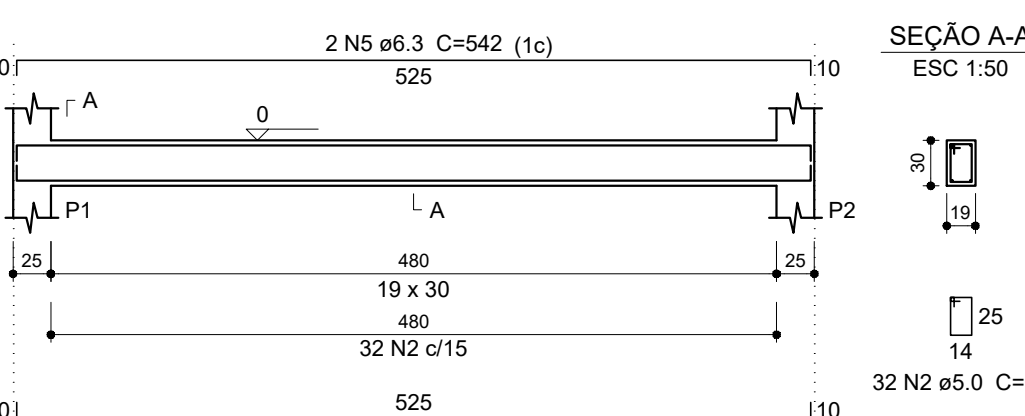


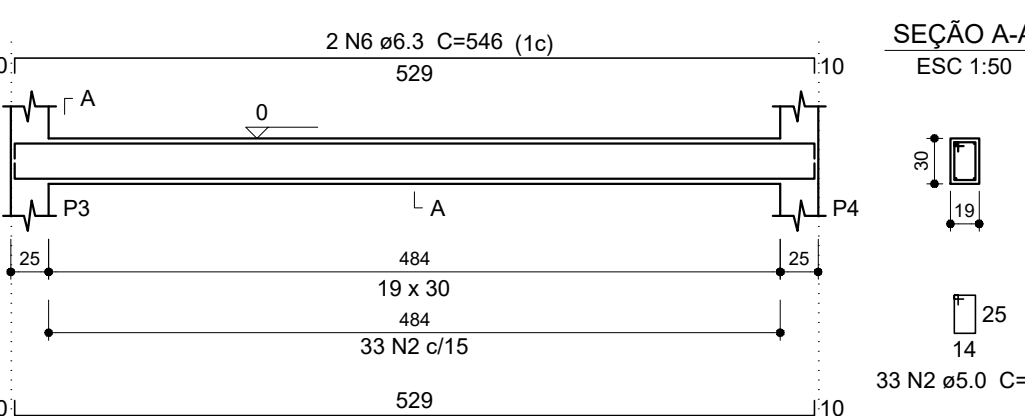
VB1 (14 x 30)



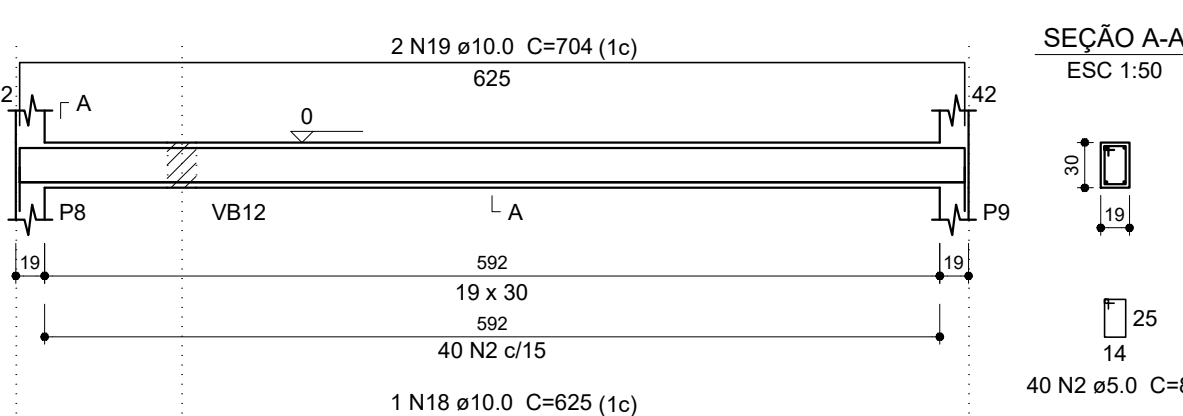
VB2 (19 x 30)



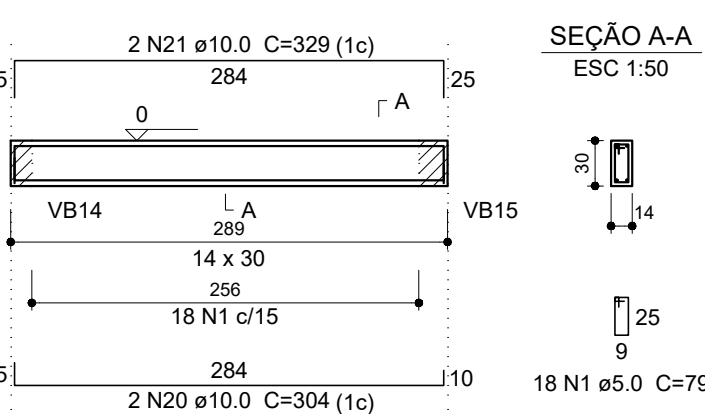
VB3 (19 x 30)



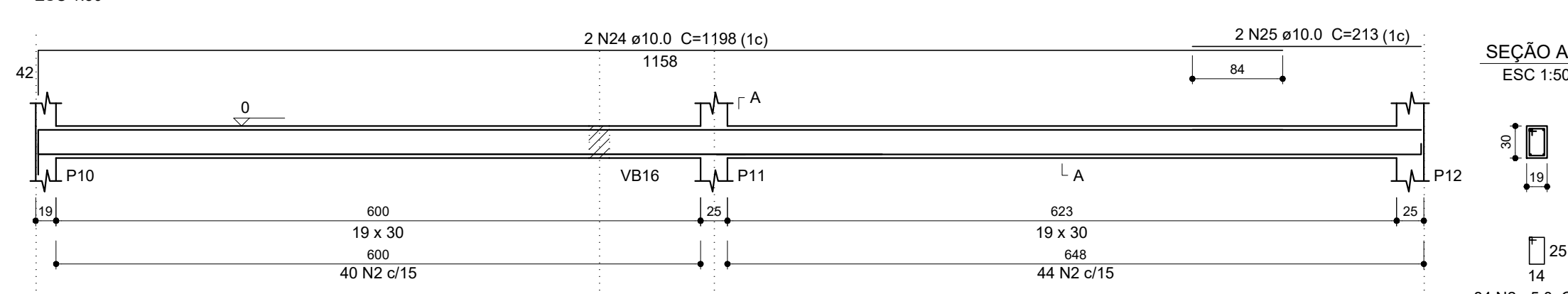
VB4 (19 x 30)



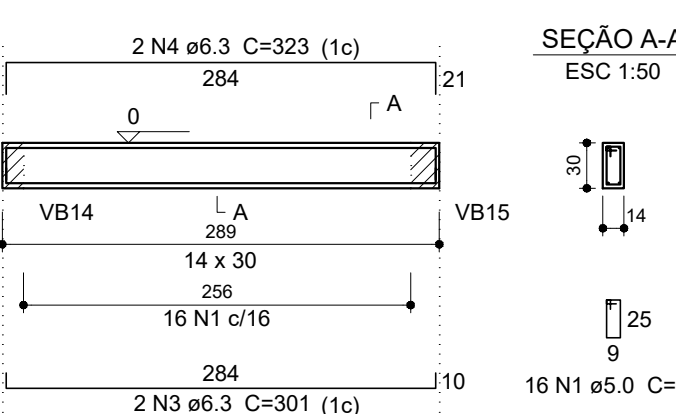
VB5 (14 x 30)



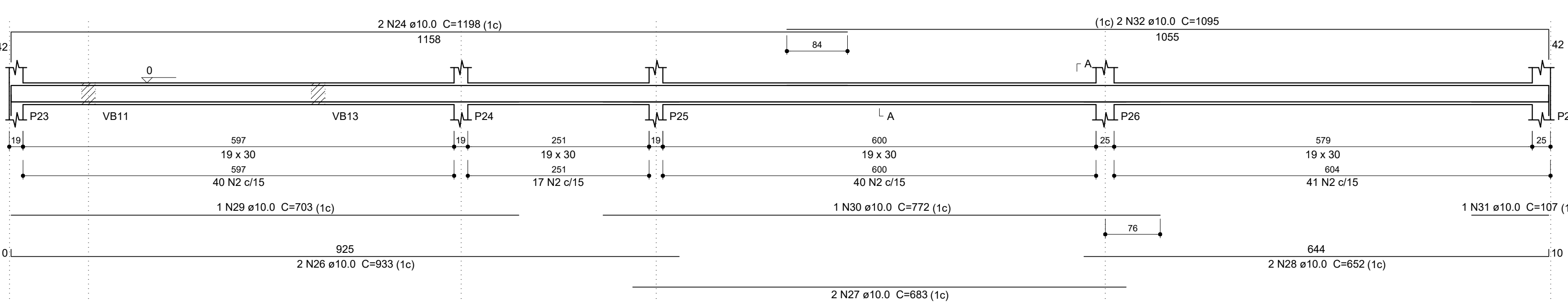
VB6 (19 x 30)



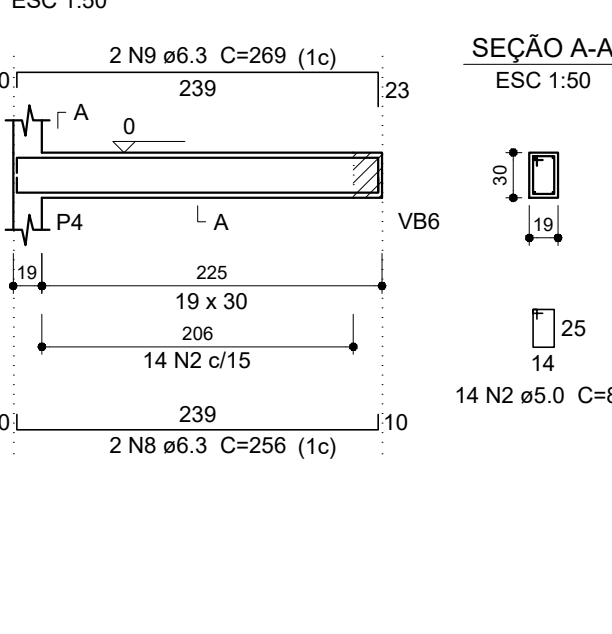
VB7 (14 x 30)



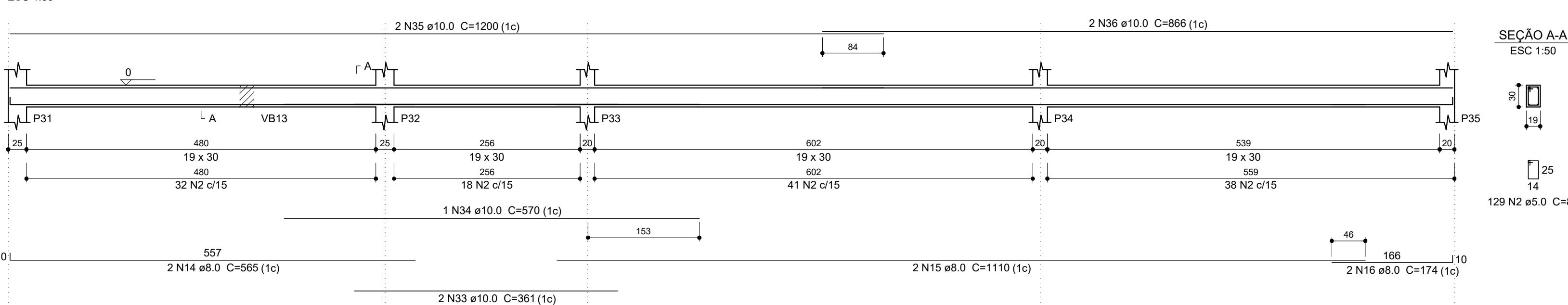
VB8 (19 x 30)



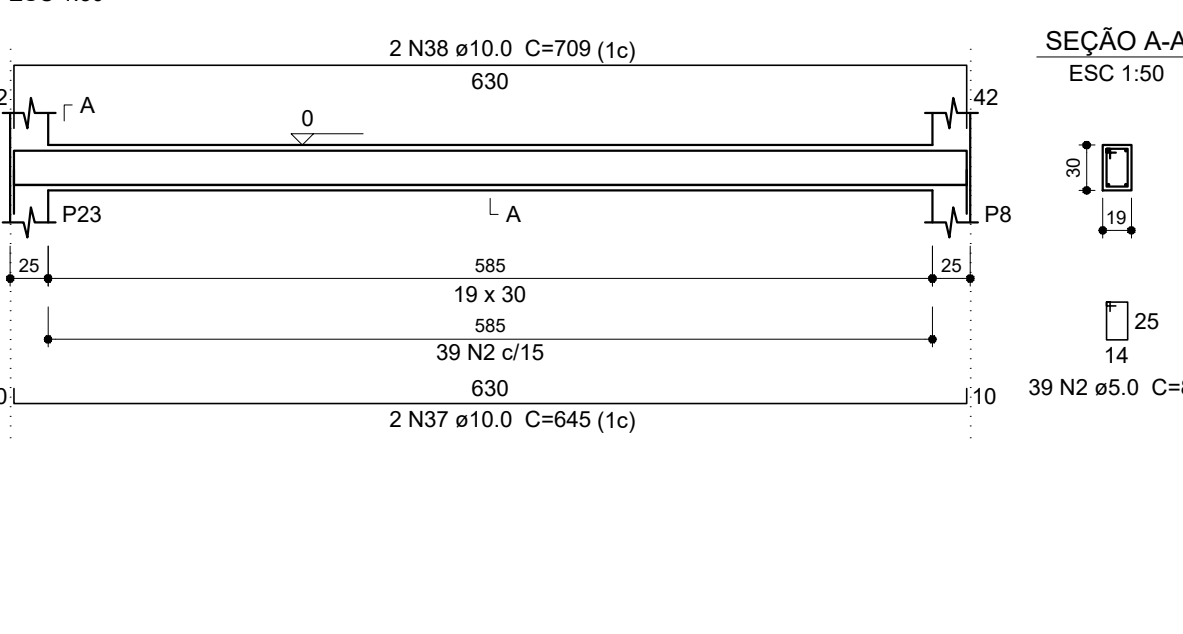
VB16 (19 x 30)



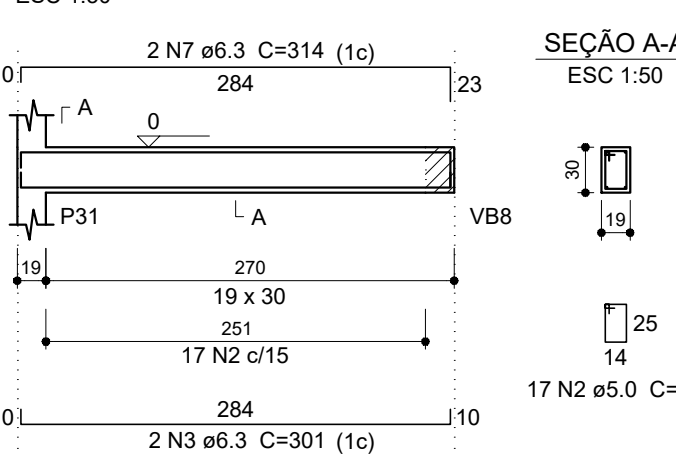
VB9 (19 x 30)



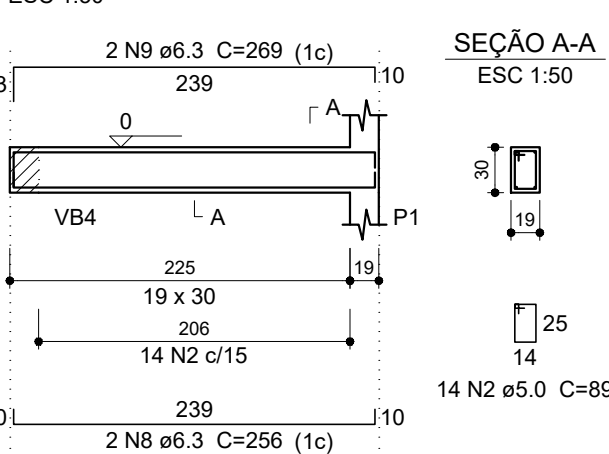
VB10 (19 x 30)



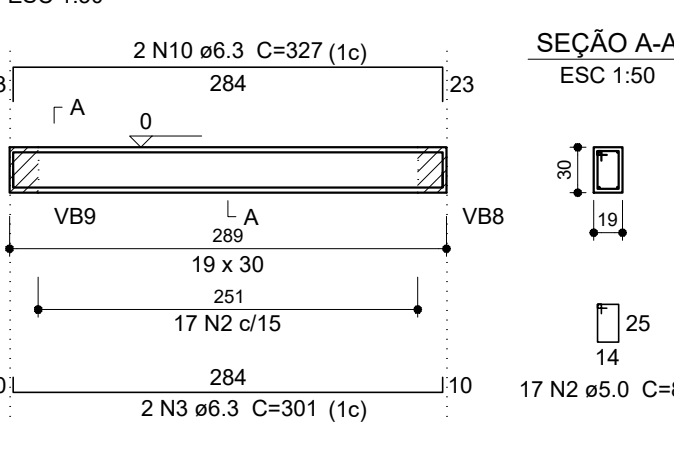
VB11 (19 x 30)



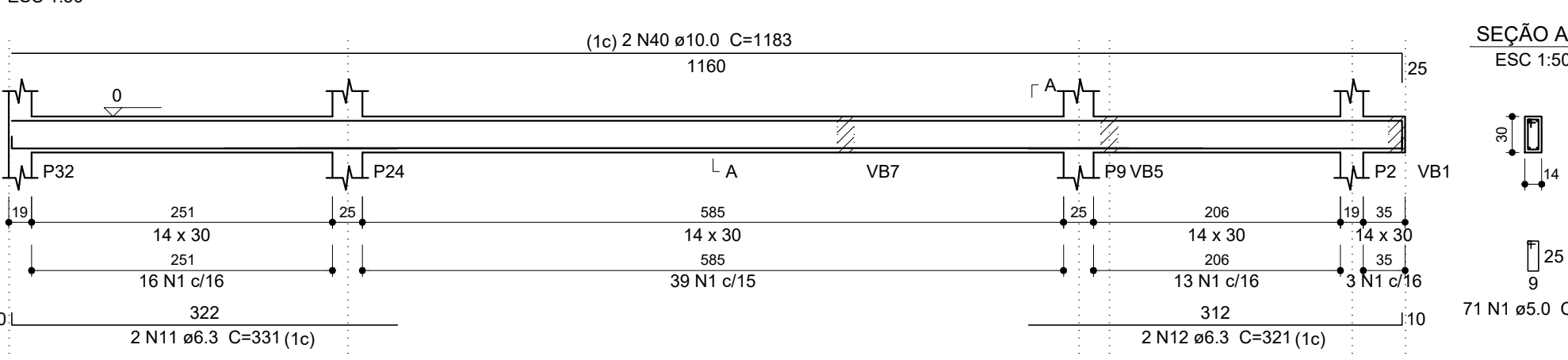
VB12 (19 x 30)



VB13 (19 x 30)



VB14 (14 x 30)



Relação do aço

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
VB1	1	5.0	121	79	9559
VB4	2	5.0	557	89	49573
VB7	3	6.3	8	301	2408
VB10	4	6.3	4	323	1292
VB13	5	6.3	4	542	2168
	6	6.3	4	546	2184
	7	6.3	2	314	628
	8	6.3	4	256	1024
	9	6.3	4	269	1076
	10	6.3	2	327	654
	11	6.3	2	331	662
	12	6.3	2	321	642
	13	8.0	2	664	1328
	14	8.0	2	565	1130
	15	8.0	2	1110	2220
	16	8.0	2	174	348
	17	10.0	2	640	1280
	18	10.0	1	625	625
	19	10.0	2	704	1408
	20	10.0	2	304	608
	21	10.0	2	329	658
	22	10.0	2	666	1332
	23	10.0	2	785	1570
	24	10.0	4	1198	4792
	25	10.0	2	213	426
	26	10.0	2	933	1866
	27	10.0	2	683	1366
	28	10.0	2	652	1304
	29	10.0	1	703	703
	30	10.0	1	772	772
	31	10.0	1	107	107
	32	10.0	2	1095	2190
	33	10.0	2	361	722
	34	10.0	1	570	570
	35	10.0	2	1200	2400
	36	10.0	2	866	1732
	37	10.0	2	645	1290
	38	10.0	2	709	1418
	39	10.0	2	693	1386
	40	10.0	2	1183	2366

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	6.3	127.4	12	34.3
	8.0	50.3	5	21.8
	10.0	329	31	223.1
CA60	5.0	591.4	55	100.3

PESO TOTAL (kg)	279.2
CA50	100.3
CA60	100.3

Volume de concreto (C-30) = 5.46 m³
Área de forma = 79.07 m²



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E-mail: souzacamargos.projetos@gmail.com

RESPONSÁVEL TÉCNICO:

FELIPE HENRIQUE CAMARGOS
CREA: 248.394/D

RESPONSÁVEL PELA OBRA:

MUNICÍPIO DE IGARATINGA
CNPJ: 18.313.825/0001-21

PROJETO DE ESTRUTURA EM CONCRETO ARMADO E FUNDAÇÃO

CONTÉM:	ASSUNTO:
DETALHAMENTO VIGAS	PROJETO EXECUTIVO DE ESTRUTURA DE CONCRETO ARMADO E FUNDAÇÕES PARA O CEMEI ANA LUCINDA EM IGARATINGA, MUNICÍPIO DE MINAS GERAIS.
BALDRAME BLOCO 1. 1/3	LOCAL: PRAÇA MANOEL DE ASSIS, Nº 272 MUNICÍPIO: IGARATINGA/MG
	FINALIDADE: EDUCAÇÃO
	RESPONSÁVEL: MUNICÍPIO DE IGARATINGA CNPJ: 18.313.825/0001-21
	ÁREA DO TERRENO: 1.605,28 m²
	ÁREA A CONSTRUIR: 1572,42 m²
DESENHO: THALYS DE SOUZA C.	DATA: 22/10/2024
	REVISÃO: 01/2024
	FOLHA: 07/37