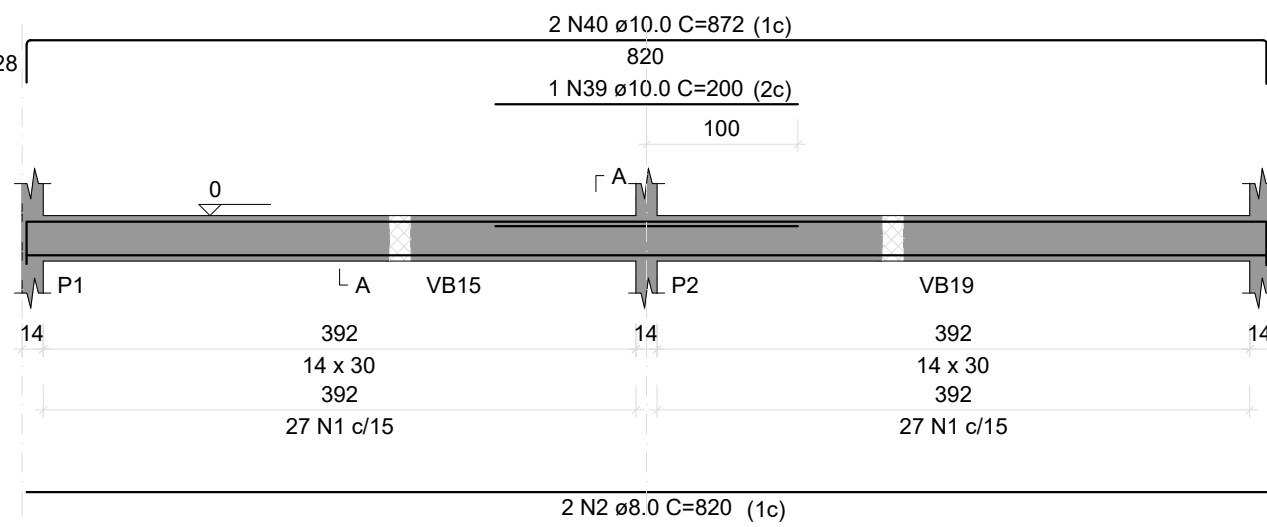


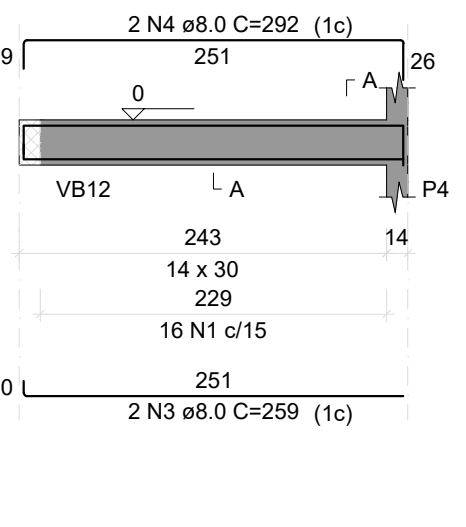
# VB1

ESC 1:50



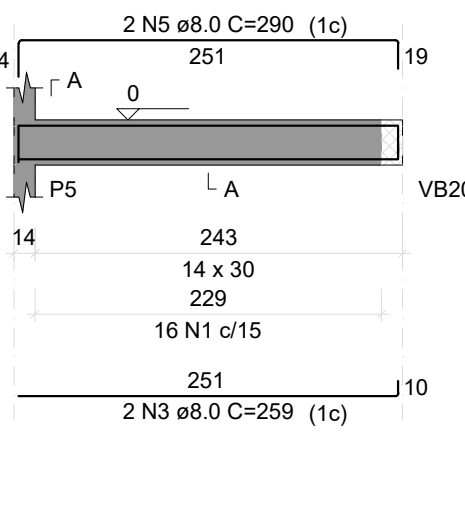
# VB2

ESC 1:50



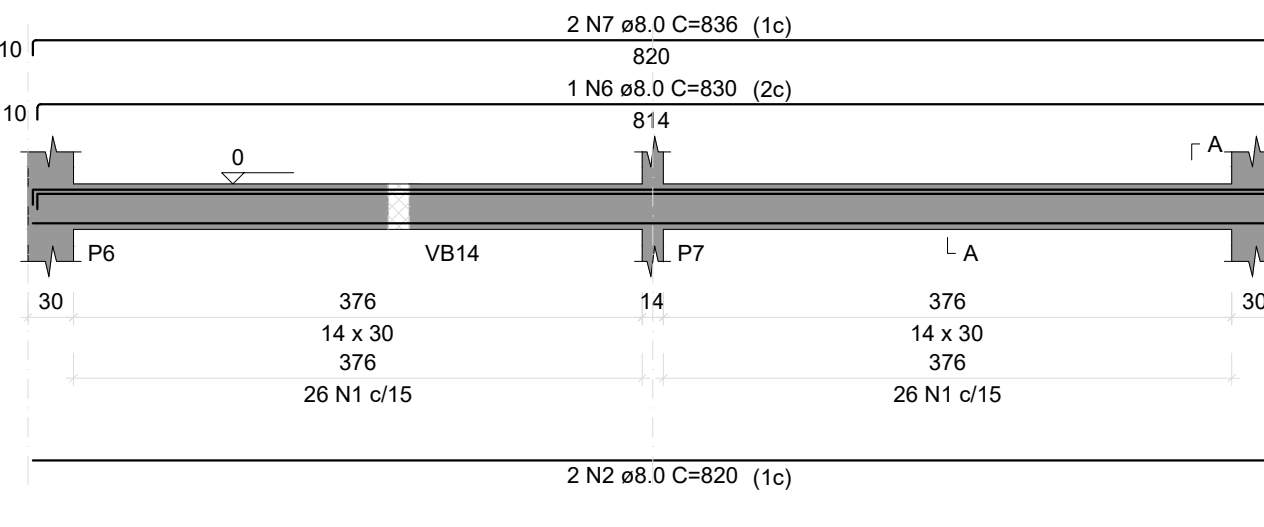
# VB3

ESC 1:50



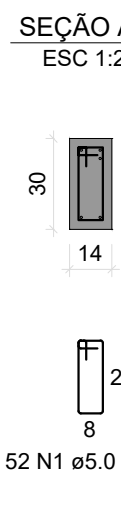
# VB4

ESC 1:50



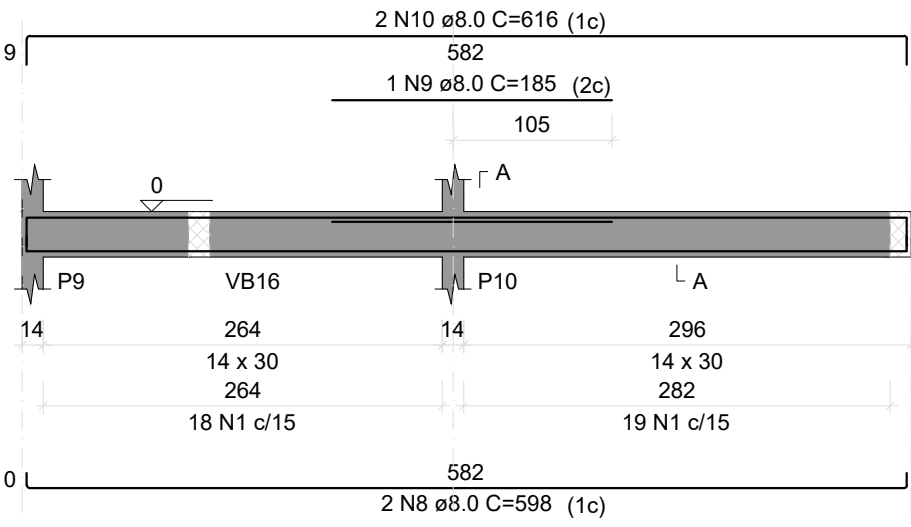
# SEÇÃO A-A

ESC 1:25



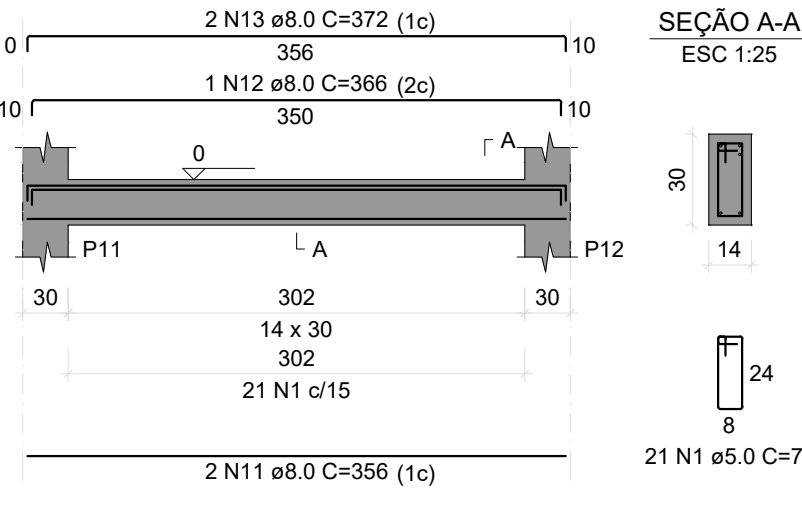
# VB5

ESC 1:50



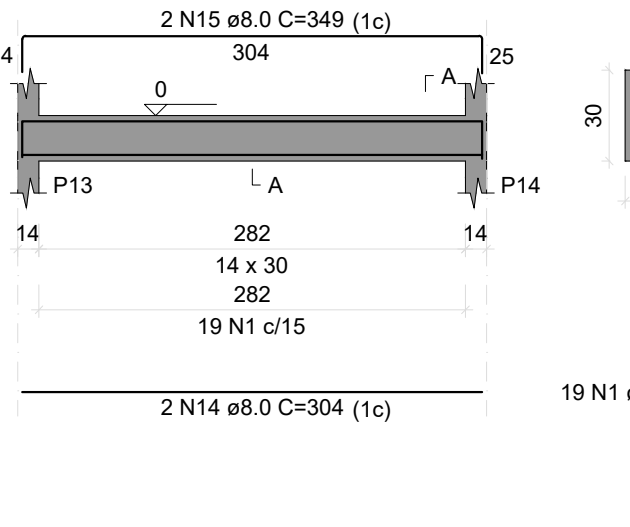
# VB6

ESC 1:50



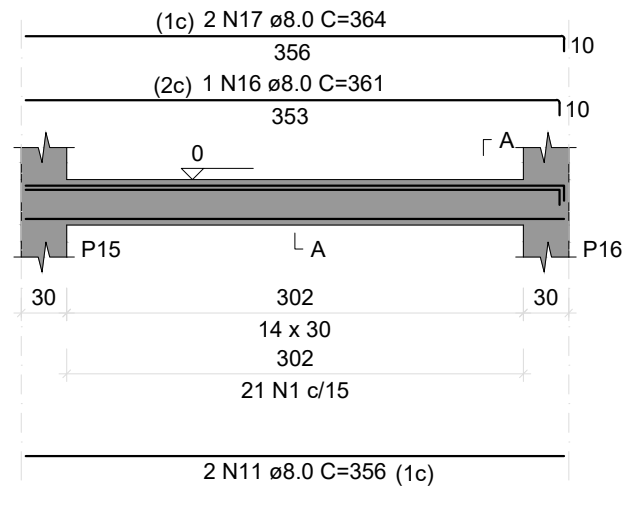
# VB7

ESC 1:50



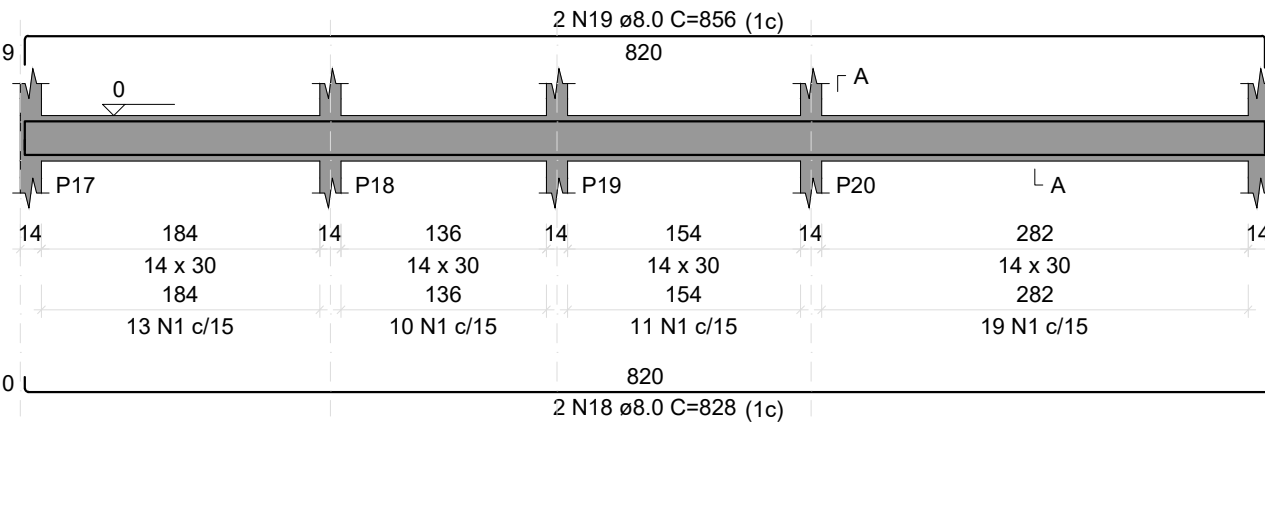
# VB8

ESC 1:50



# VB9

ESC 1:50



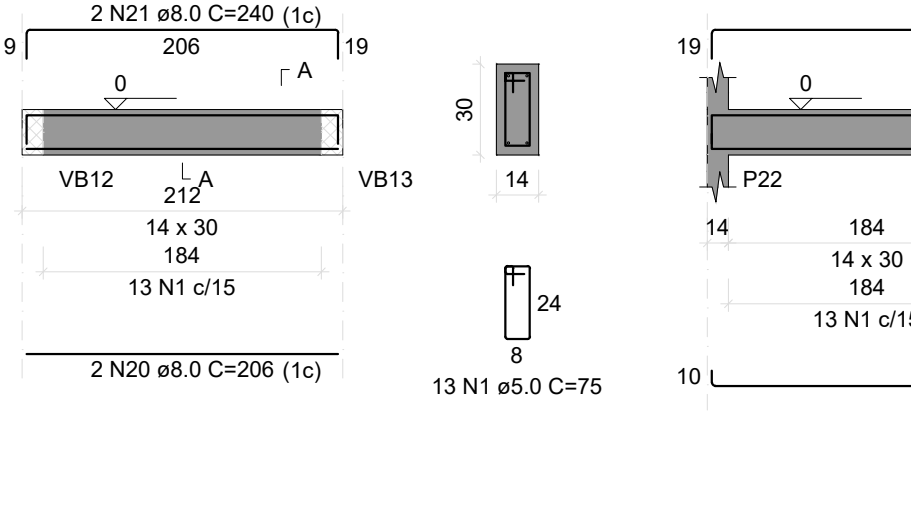
# SEÇÃO A-A

ESC 1:25



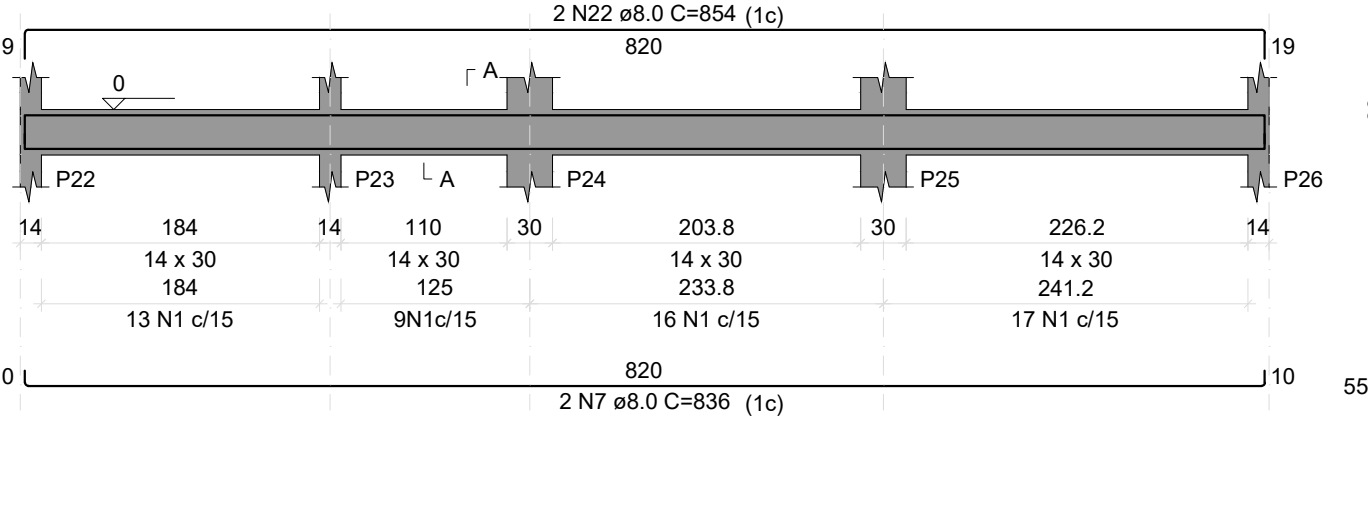
# VB10

ESC 1:50



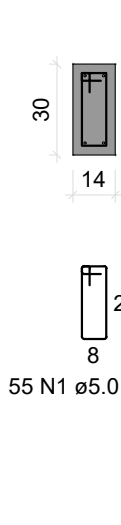
# VB11

ESC 1:50



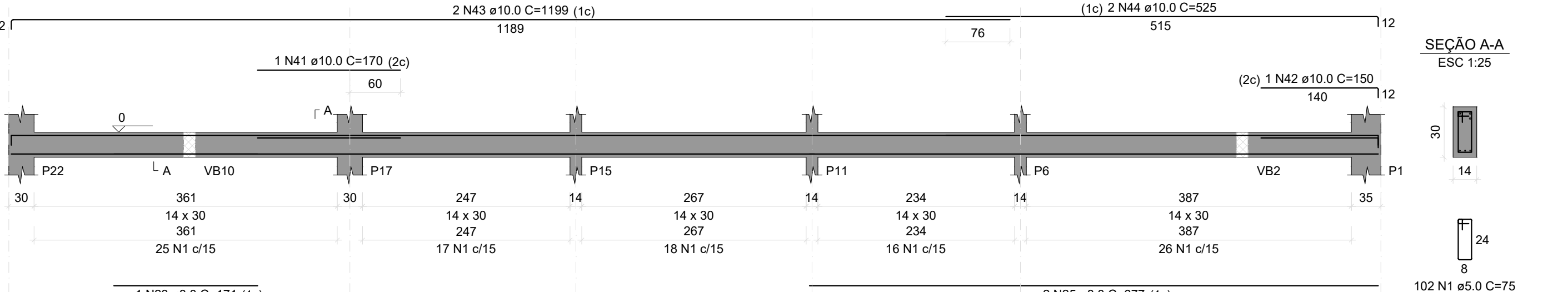
# SEÇÃO A-A

ESC 1:25



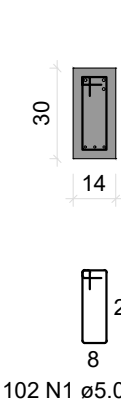
# VB12

ESC 1:50



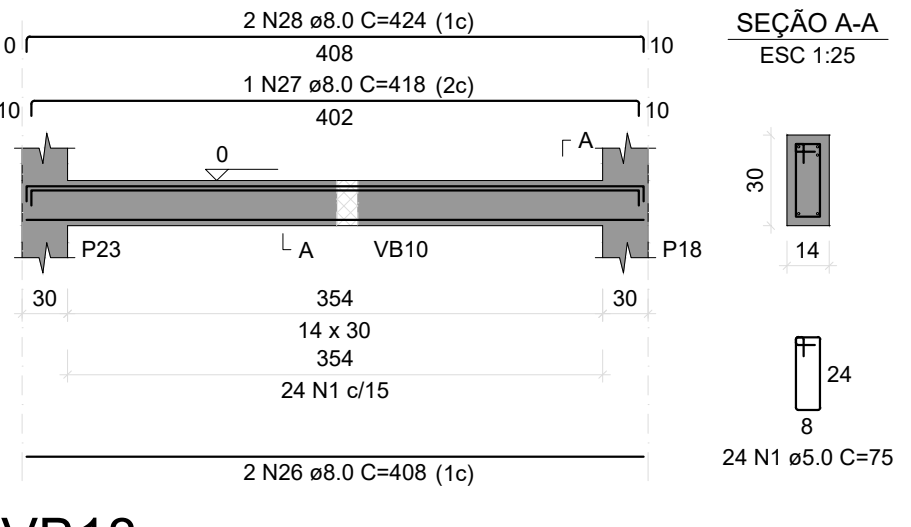
# SEÇÃO A-A

ESC 1:25



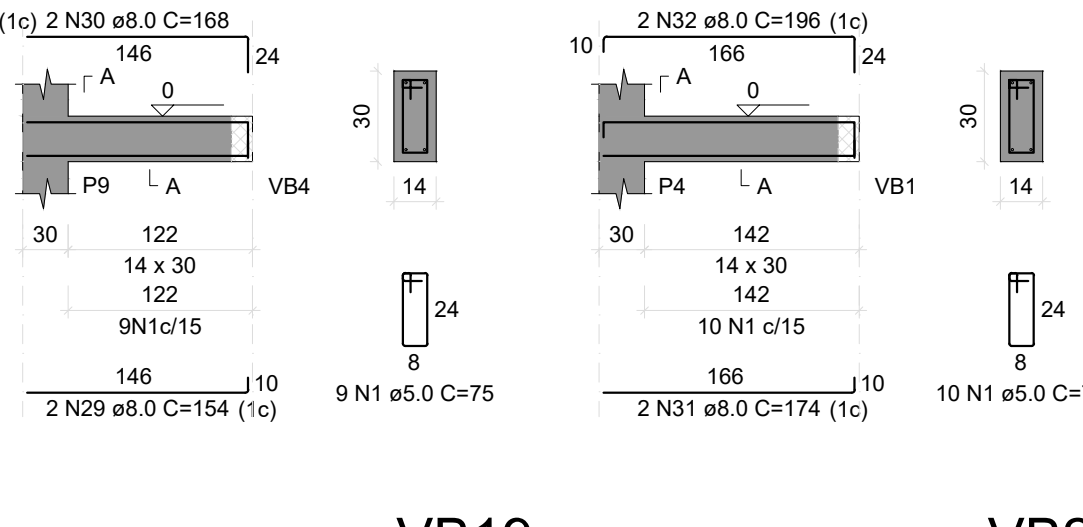
# VB13

ESC 1:50



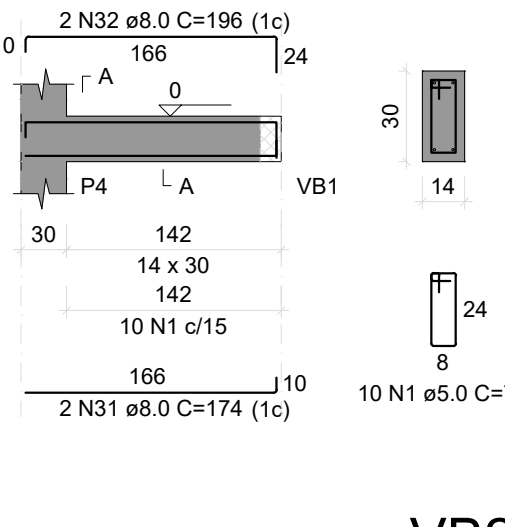
# VB14

ESC 1:50



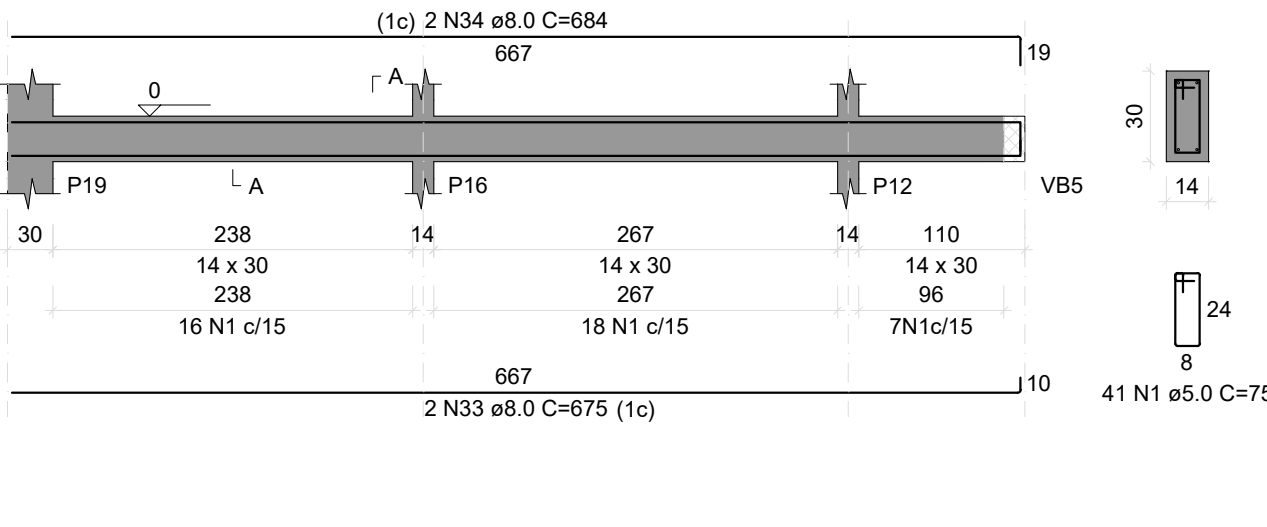
# VB15

ESC 1:50



# VB16

ESC 1:50



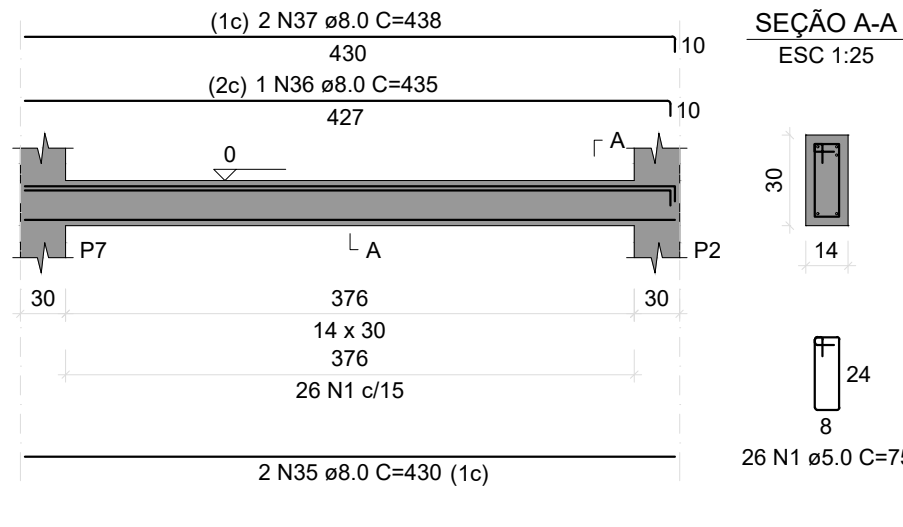
# SEÇÃO A-A

ESC 1:25



# VB17

ESC 1:50



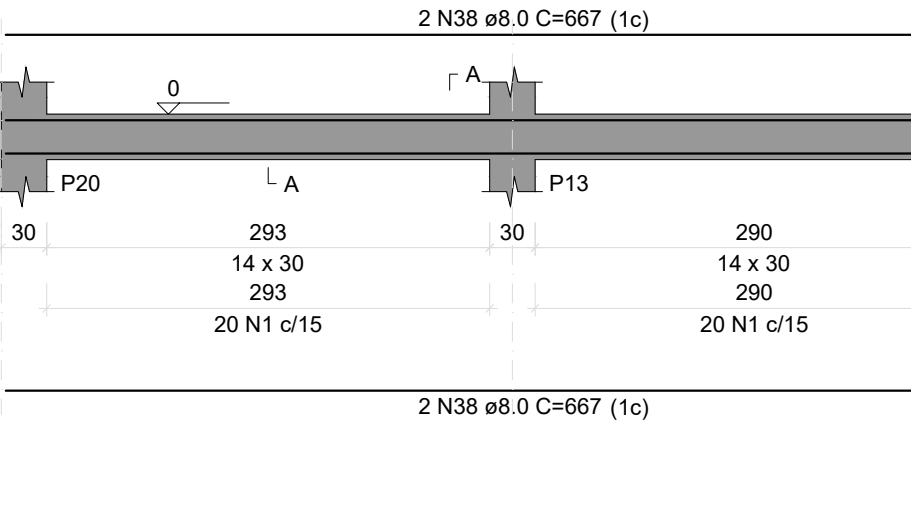
# SEÇÃO A-A

ESC 1:25



# VB18

ESC 1:50



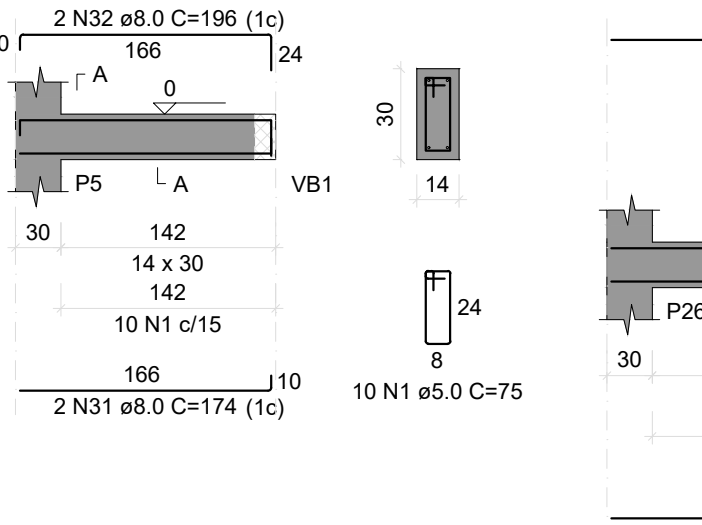
# SEÇÃO A-A

ESC 1:25



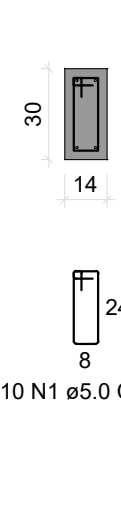
# VB19

ESC 1:50



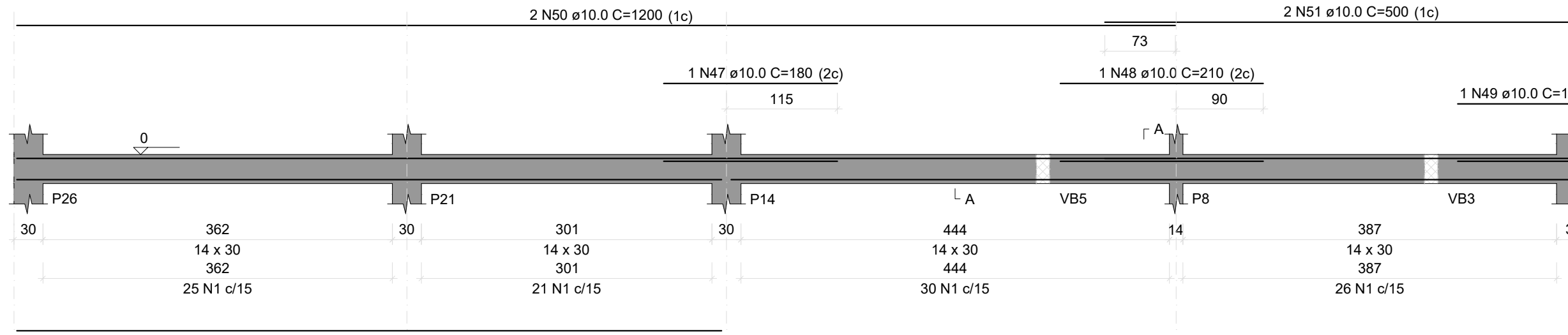
# SEÇÃO A-A

ESC 1:25



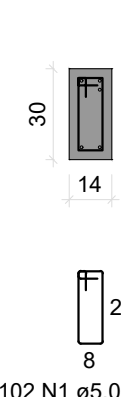
# VB20

ESC 1:50



# SEÇÃO A-A

ESC 1:25



# RELAÇÃO DO AÇO

VB1	VB2	VB3
VB4	VB5	VB6
VB7	VB8	VB9
VB10	VB11	VB12
VB13	VB14	VB15
VB16	VB17	VB18
VB19	VB20	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	721	75	54075
CA50	2	8.0	4	820	3280
CA50	3	8.0	4	259	1036
CA50	4	8.0	2	292	584
CA50	5	8.0	2	290	580
CA50	6	8.0	2	630	830
CA50	7	8.0	4	836	3344
CA50	8	8.0	2	598	1196
CA50	9	8.0	1	185	185
CA50	10	8.0	2	616	1232
CA50	11	8.0	4	356	1424
CA50	12	8.0	1	366	366
CA50	13	8.0	2	372	744
CA50	14	8.0	3	304	608
CA50	15	8.0	2	349	698
CA50	16	8.0	1	361	361
CA50	17	8.0	2	364	728
CA50	18	8.0	2	828	1656
CA50	19	8.0	1	854	854
CA50	20	8.0	2	206	412
CA50	21	8.0	2	240	480
CA50	22	8.0	1	554	1772
CA50	23	8.0	2	171	342
CA50	24	8.0	1	956	1912
CA50	25	8.0	1	677	1354
CA50	26	8.0	1	408	816
CA50	27	8.0	1	418	418
CA50	28	8.0	1	424	424
CA50	29	8.0	1	154	308
CA50	30	8.0	1	169	338
CA50	31	8.0	1	174	348
CA50	32	8.0	1	196	392
CA50	33	8.0	2	675	1350
CA50	34	8.0	1	684	1368
CA50	35	8.0	1	430	860
CA50	36	8.0	1	435	870
CA50	37	8.0	1	438	876
CA50	38	8.0	1	667	1334
CA50	39	10.0	1	200	400
CA50	40	10.0	2	672	1344
CA50	41	10.0	1	170	340
CA50	42	10.0	1	150	300
CA50	43	10.0	2	1199	2398
CA50	44	10.0	2	525	1050
CA50	45	10.0	1	730	1460
CA50	46	10.0	1	867	1734
CA50	47	10.0	1	180	360
CA50	48	10.0	1	210	420
CA50	49	10.0	1	135	270
CA50	50	10.0	2	1200	2400
CA50	51	10.0	2	500	1000

# RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	383.6	166.5
CA50	10.0	128.7	87.3
CA50	5.0	540.8	91.7
PESO TOTAL (kg)			
CA50	253.8		
CA50	91.7		

Volume de concreto (C-25) = 4.39 m³

Área de forma = 77.58 m²

CONTRATANTE:

**Glaucilândia**  
Nossa município em 1ª etapa

CNPJ Nº: 01.612.496/0001-17  
PRAÇA JOSÉ BRANT MAIA, Nº 01 - CENTRO  
GLAUCILÂNDIA-MG, CEP: 35592-000

RESPONSÁVEL TÉCNICO:

DÉBORA PEREIRA DELCHOFF  
CREA/CAU: 337.919/D

RESPONSÁVEL LEGAL:

PREFEITO(A) MUNICIPAL DE GLAUCILÂNDIA

CONSTRUÇÃO DE NOVO QUARTEL MILITAR- GLAUCILÂNDIA -DEMOLIÇÃO E RECONSTRUÇÃO DO QUARTEL

DESCRIÇÃO: VIGAS BALDRAMES - DETALHES E RESUMO DE AÇO

ÁREA DA CONSTRUÍDA: 135,87m²

ENDEREÇO DA OBRA: AV. JOAQUIM SILVA MAIA, Nº 18 CENTRO -

DATA INICIAL: 02-01-2024

MUNICÍPIO/COMUNIDADE: GLAUCILÂNDIA - MG

DATA DA REV.: -

REFERÊNCIA DO PROJETO: QUARTEL

ESCALA: INDICADAS

Nº REVISÃO: -

03/07

ESTRUTURAL