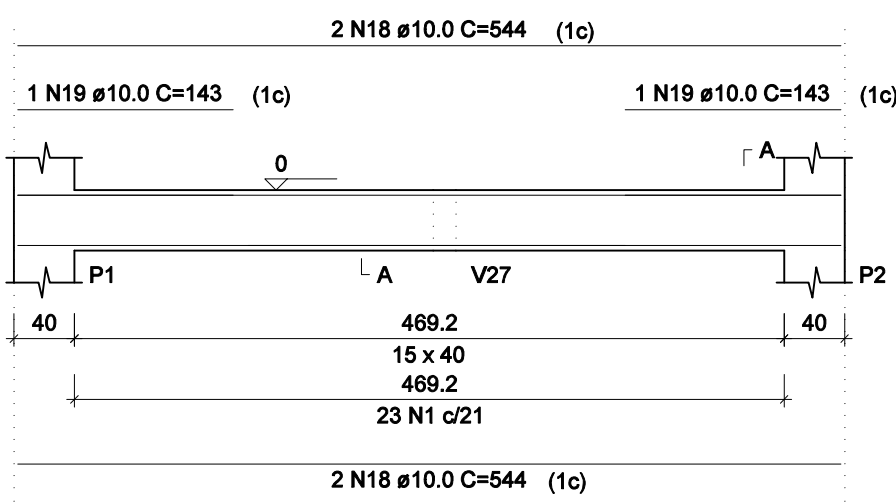


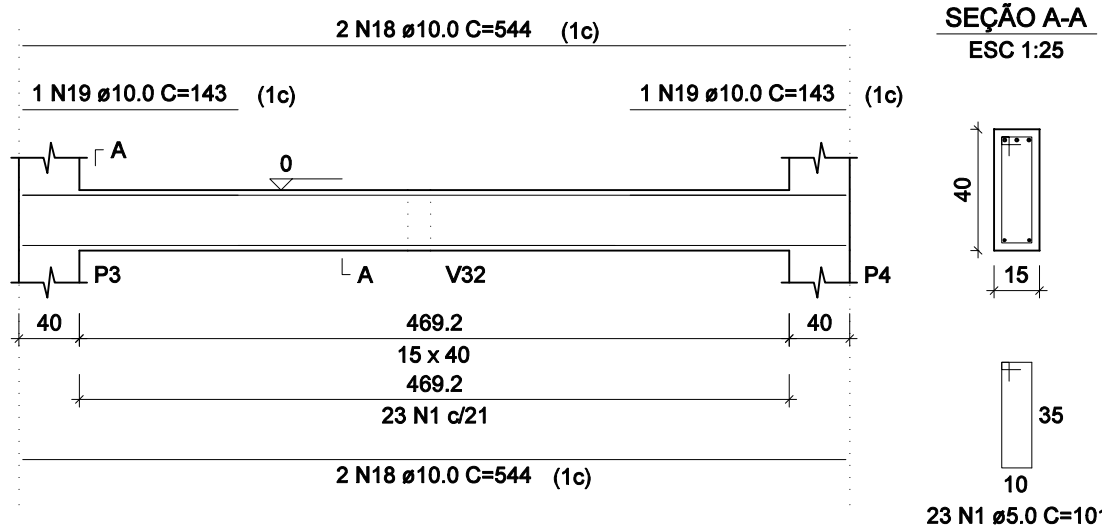
V1

ESC 1:50



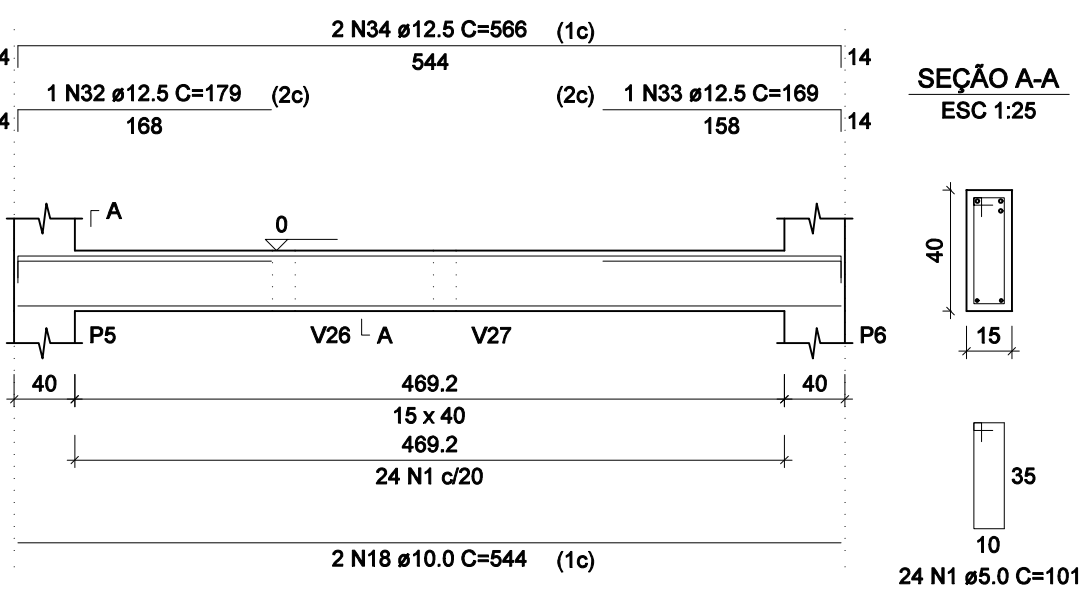
V2

ESC 1:50



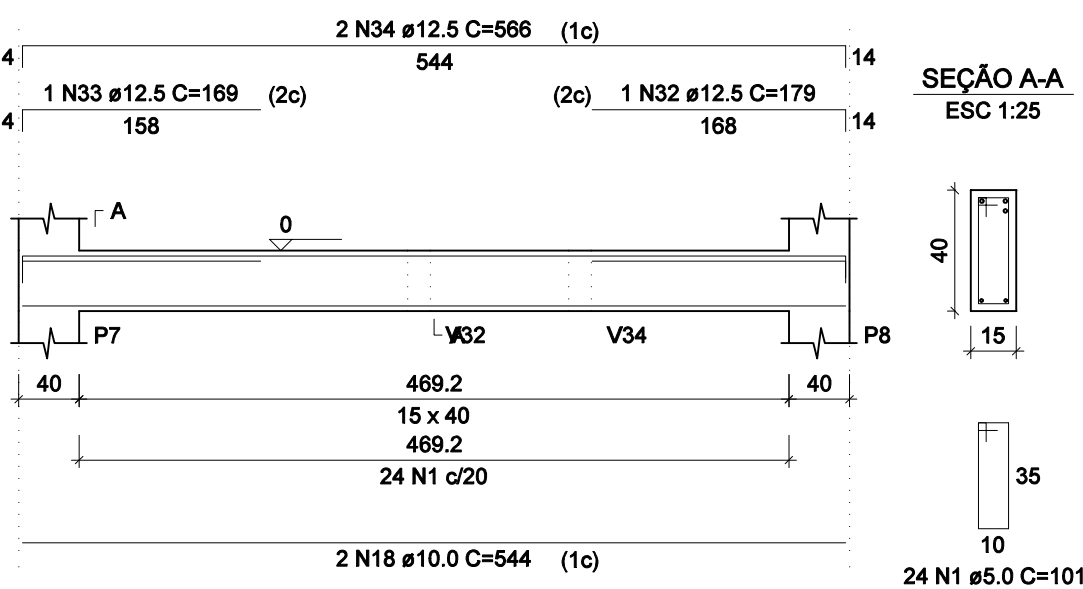
V3

ESC 1:50



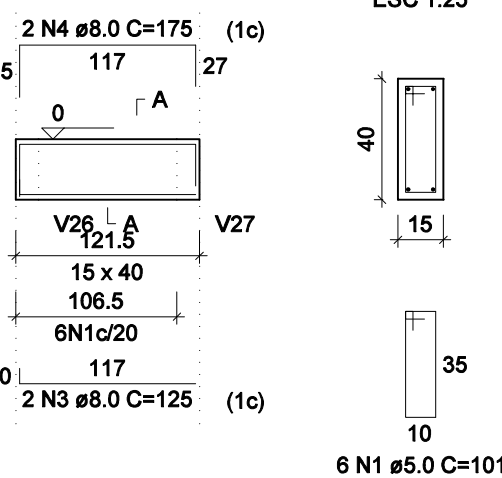
V4

ESC 1:50



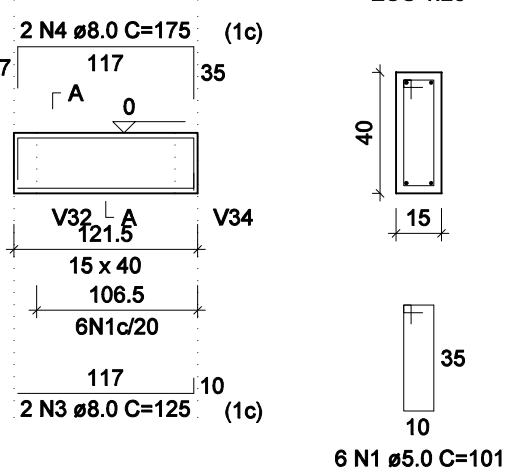
V5

ESC 1:50



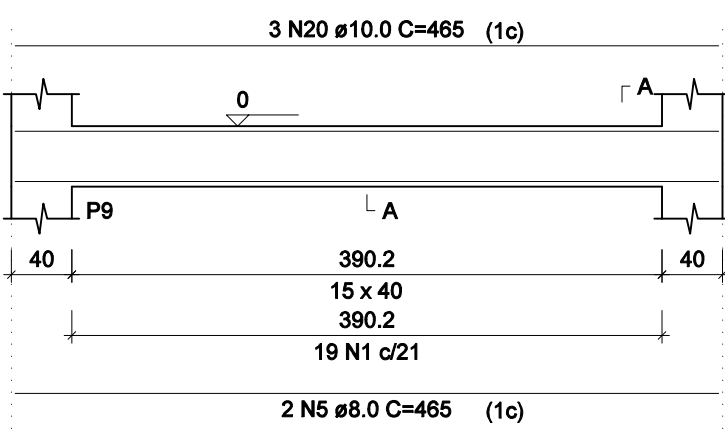
V6

ESC 1:50



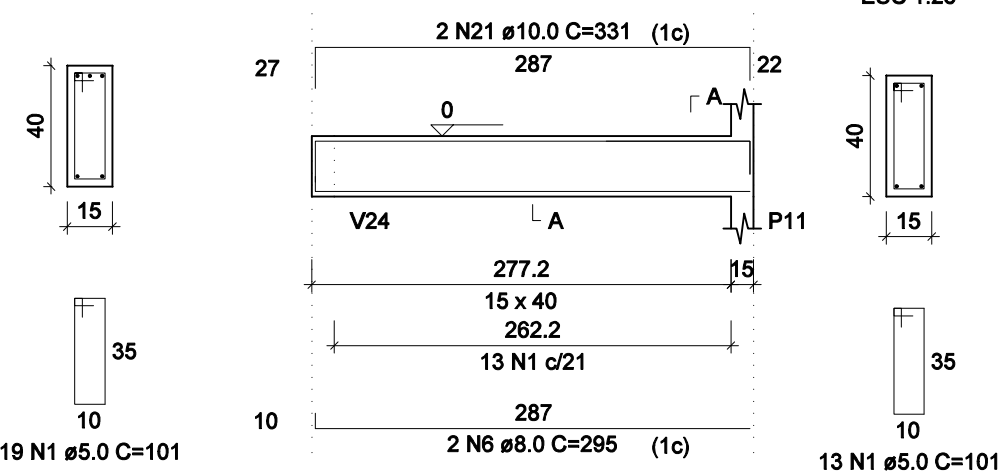
V7

ESC 1:50



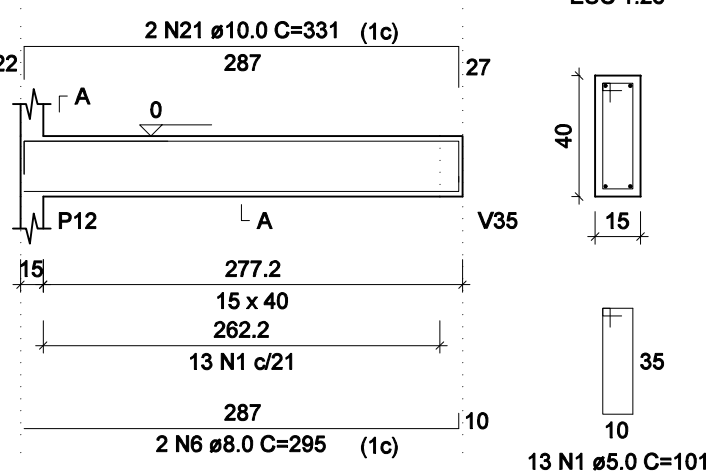
V8

ESC 1:50



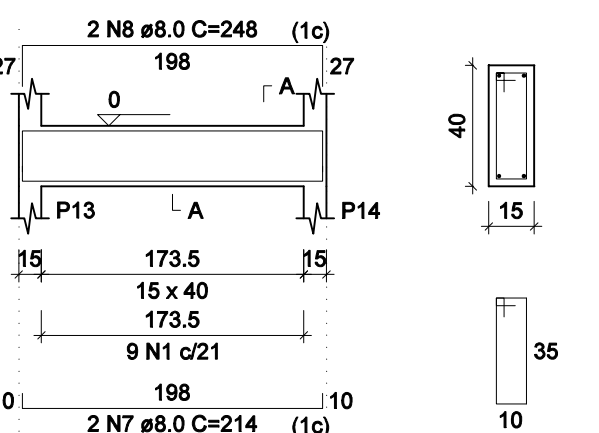
V9

ESC 1:50



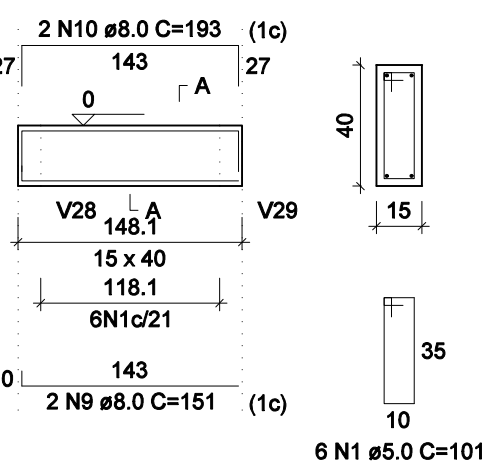
V10

ESC 1:50



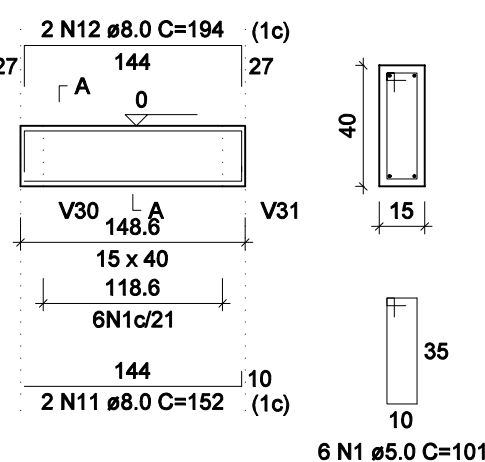
V11

ESC 1:50



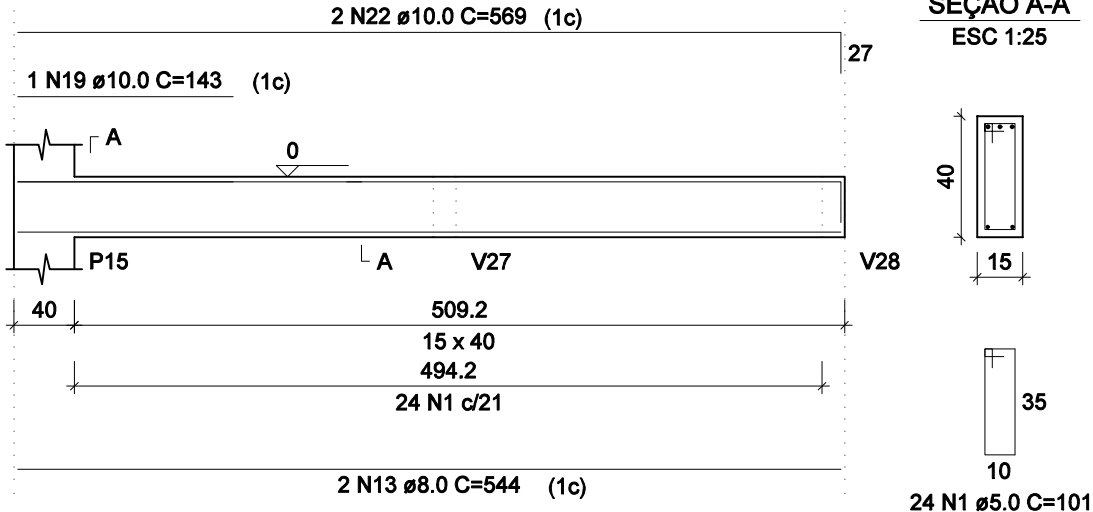
V12

ESC 1:50



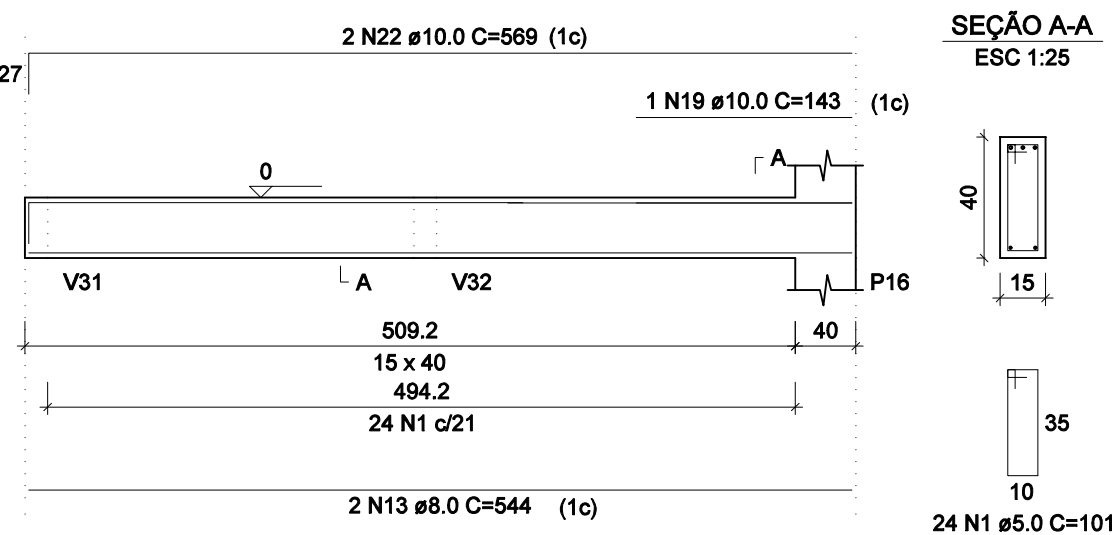
V13

ESC 1:50



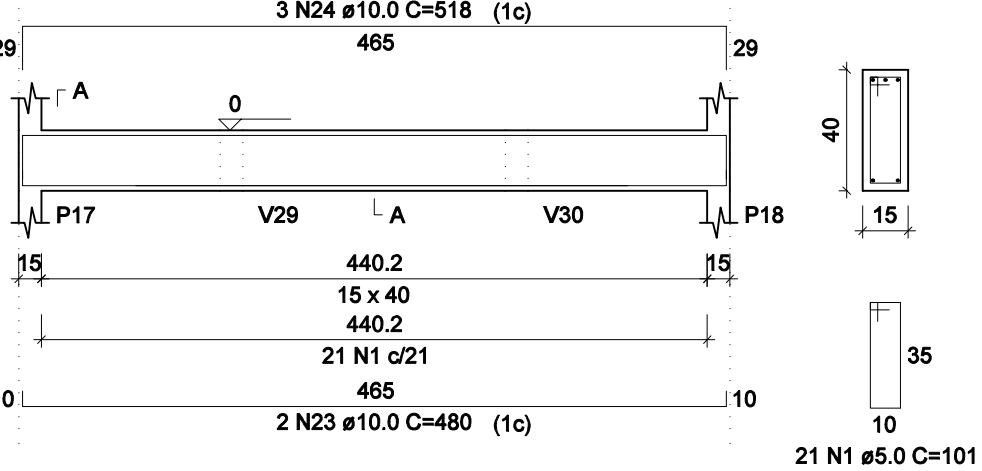
V14

ESC 1:50



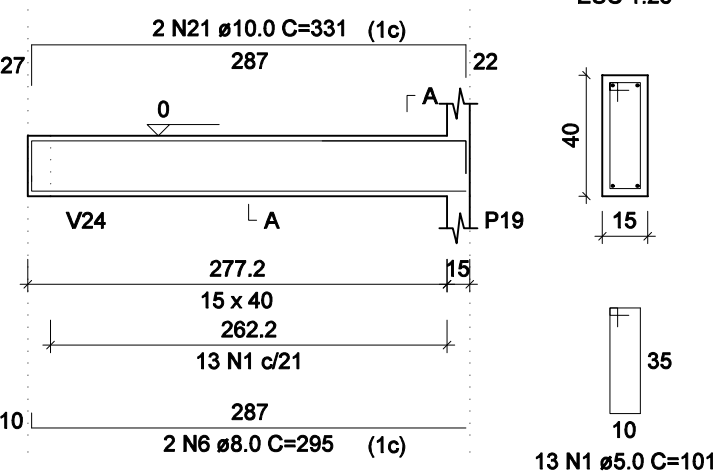
V15

ESC 1:50



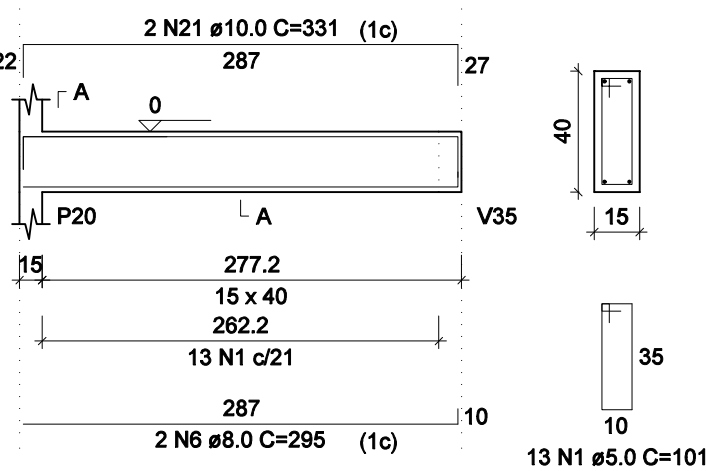
V16

ESC 1:50



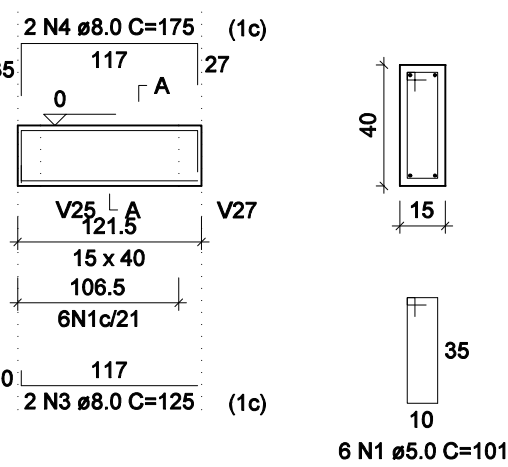
V17

ESC 1:50



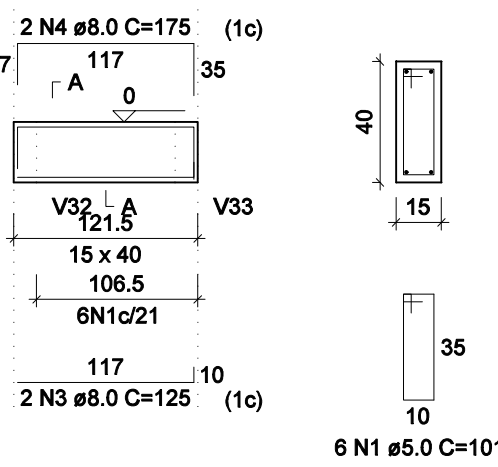
V18

ESC 1:50



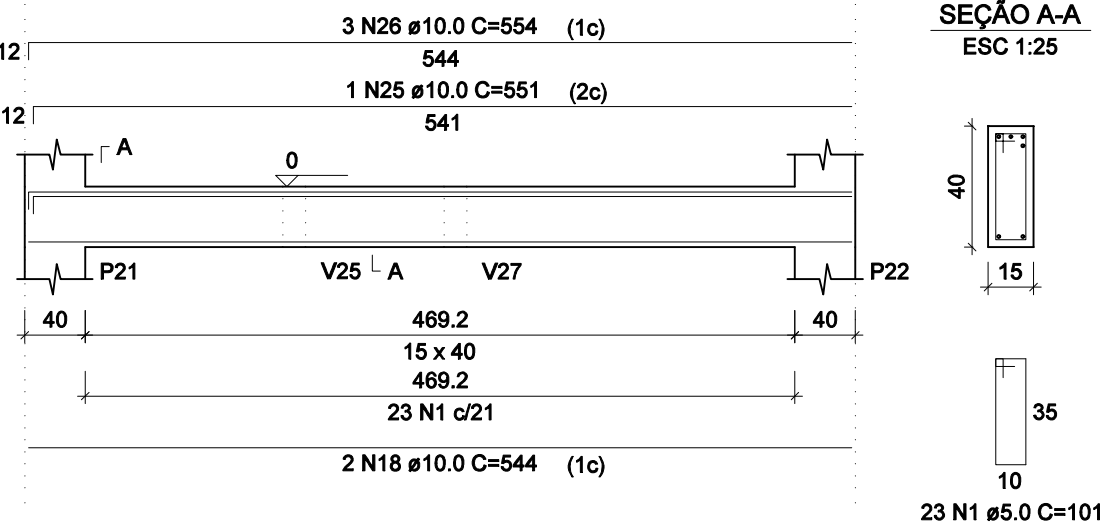
V19

ESC 1:50



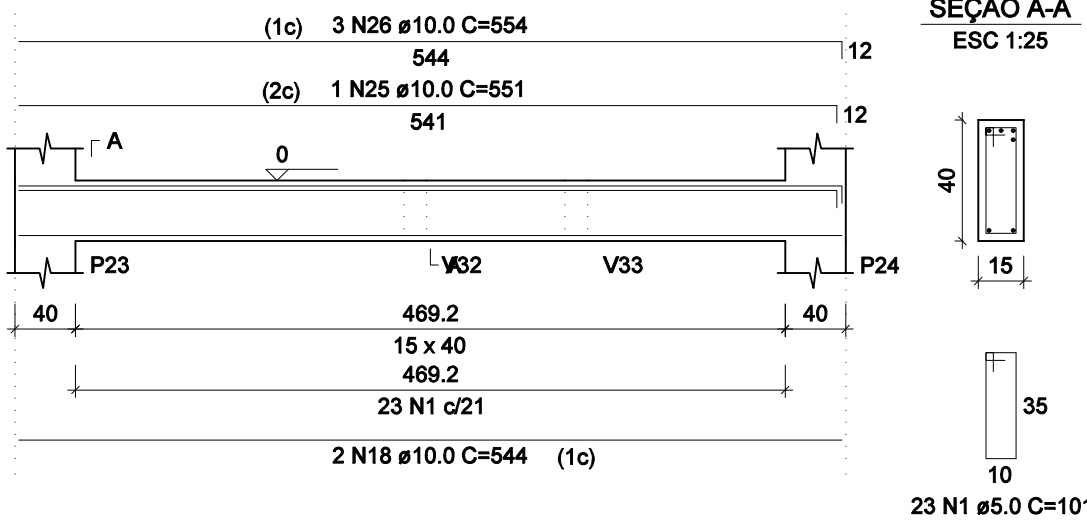
V20

ESC 1:50



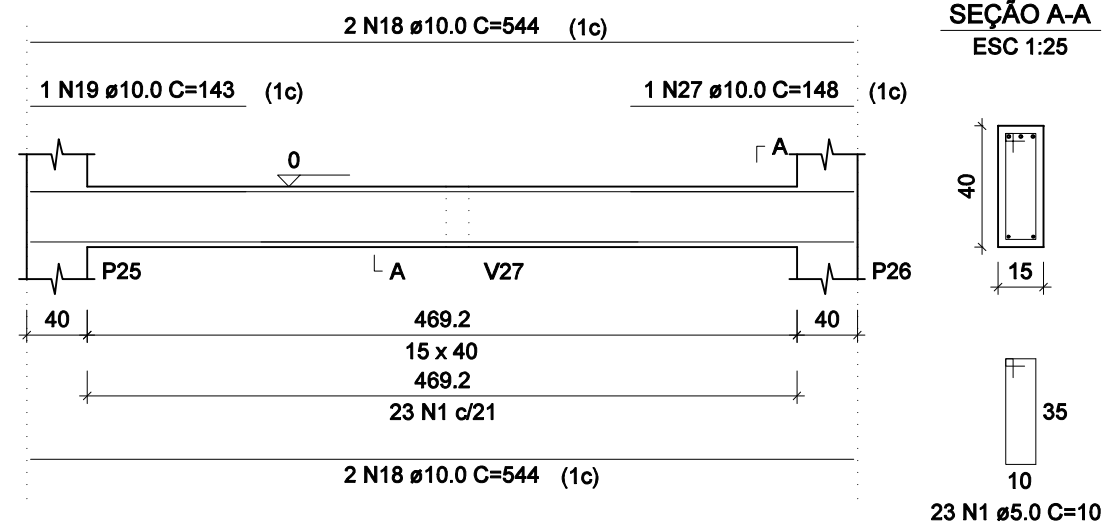
V21

ESC 1:50



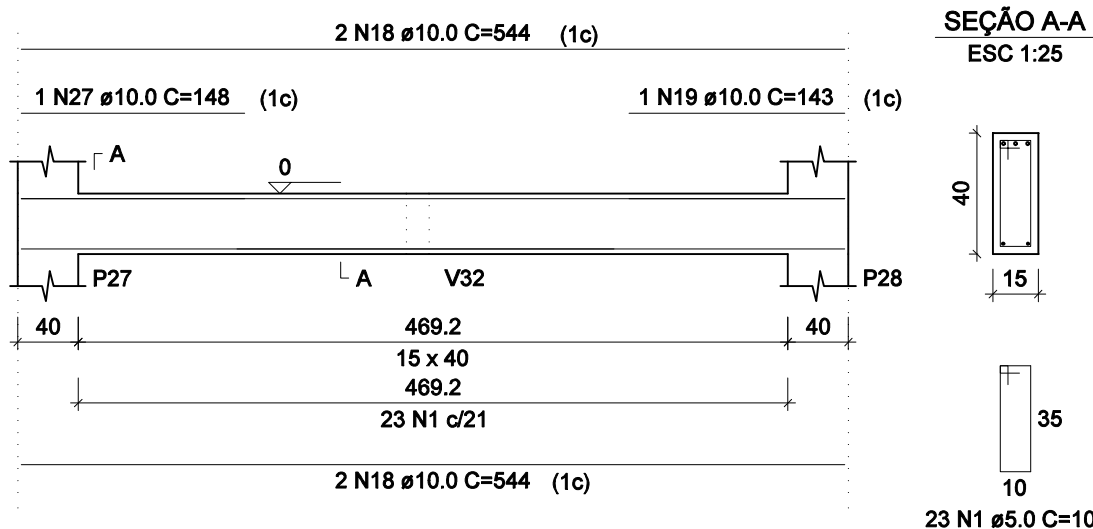
V22

ESC 1:50



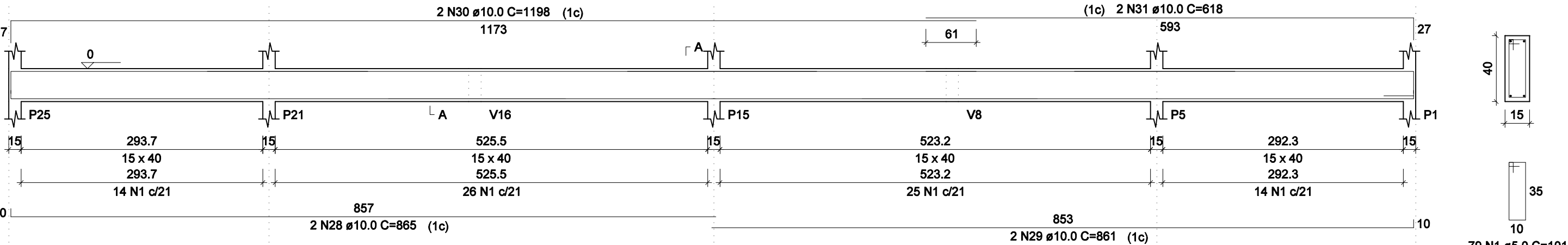
V23

ESC 1:50



V24

ESC 1:50



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	463	101	46763
CA50	2	6.3	4	544	2176
	3	8.0	8	125	1000
	4	8.0	4	175	1400
	5	8.0	2	465	930
	6	8.0	6	295	1770
	7	8.0	2	214	428
	8	8.0	2	248	496
	9	8.0	2	151	302
	10	8.0	2	193	386
	11	8.0	2	152	304
	12	8.0	2	194	388
	13	8.0	4	544	2176
	14	8.0	2	153	306
	15	8.0	2	203	406
	16	8.0	2	154	308
	17	8.0	2	204	408
	18	10.0	24	544	13056
	19	10.0	8	143	1144
	20	10.0	3	465	1395
	21	10.0	8	331	2648
	22	10.0	4	569	2276
	23	10.0	2	480	960
	24	10.0	3	518	1554
	25	10.0	2	551	1102
	26	10.0	6	554	3324
	27	10.0	2	148	296
	28	10.0	2	865	1730
	29	10.0	2	861	1722
	30	10.0	2	1198	2396
	31	10.0	2	618	1236
	32	12.5	2	179	358
	33	12.5	2	169	338
	34	12.5	4	566	2264

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	21.8	5.9
	8.0	116	50.3
	10.0	348.4	236.3
	12.5	29.6	31.4
CA60	5.0	467.6	79.3

PESO TOTAL (kg)

CA50 323.8

CA60 79.3

Volume de concreto (C-25) = 6.36 m³

Área de forma = 100.69 m²

PROPRIETÁRIO:	CNPJ
PREFEITURA MUNICIPAL DE NOVA ERA	16.819.831/0001-20
EMPRESA CONTRATADA:	CNPJ
ALESSANDRO DRUMOND - Engenharia & Arquitetura	19.881.728/ 0001-20
RESPONSÁVEL TÉCNICO:	CREA
ALESSANDRO DRUMOND GUERRA DA SILVA	Arquiteto e Urbanista - A82573-5
É DE RESPONSABILIDADE DO RT O ATENDIMENTO À LEGISLAÇÃO EM VIGOR, ESTANDO O MESMO SUJEITO ÀS PENALIDADES DA LEI	
PROJETO ESTRUTURAL CIVIL	
DETALHE	
VIGAS BALDRAME 1	
USO	RESIDENCIAL
TÍTULO	APROVAÇÃO
ENDEREÇO	RUFA FAZENDA DA VARGEM, S/N, SANTANA - NOVA ERA/ MG
DATA	JANEIRO/2023
FOLHA	13/20
J.V.C.	DES