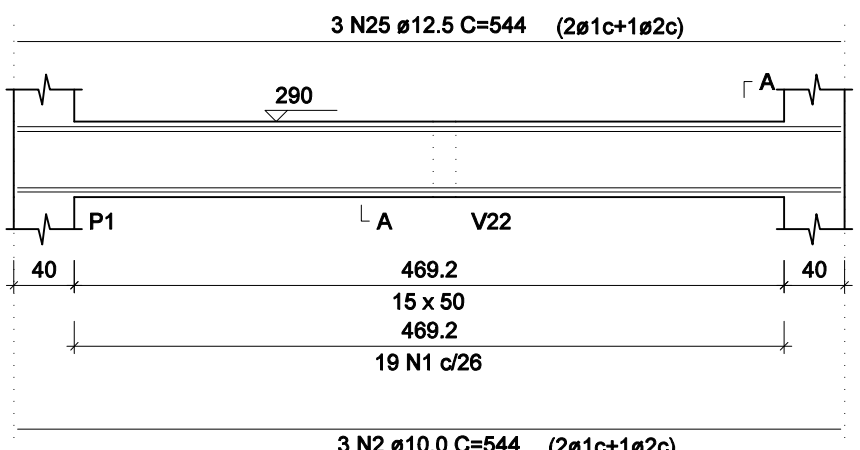


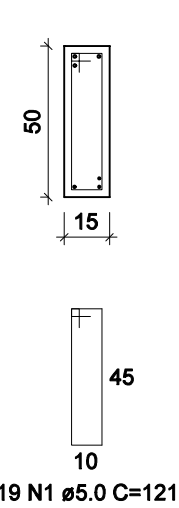
V1

ESC 1:50



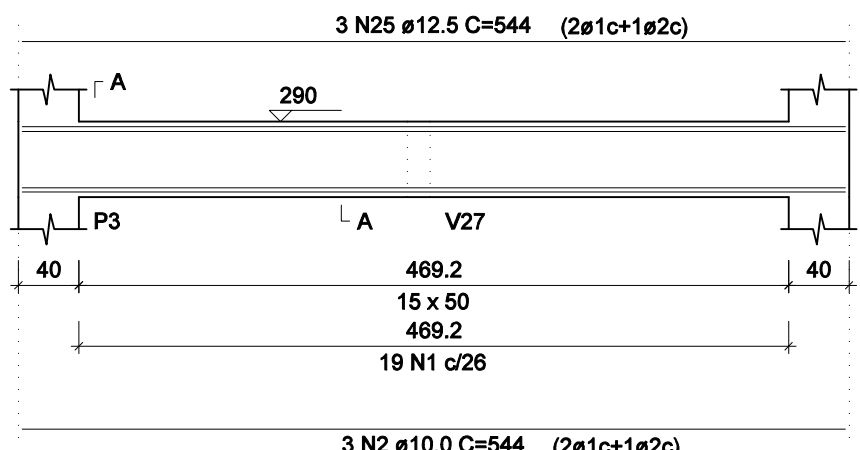
SEÇÃO A-A

ESC 1:25



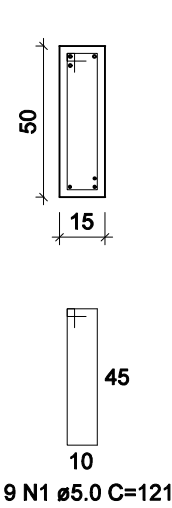
V2

ESC 1:50



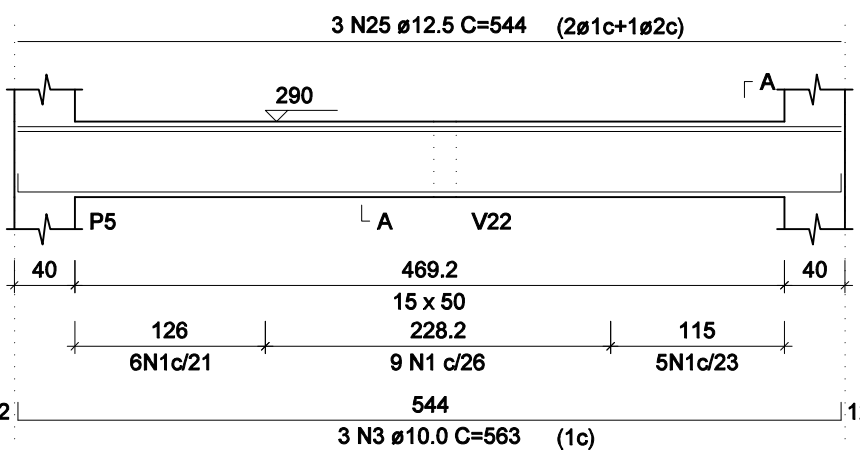
SEÇÃO A-A

ESC 1:25



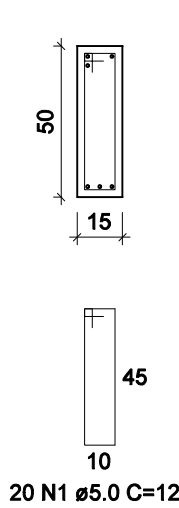
V3

ESC 1:50



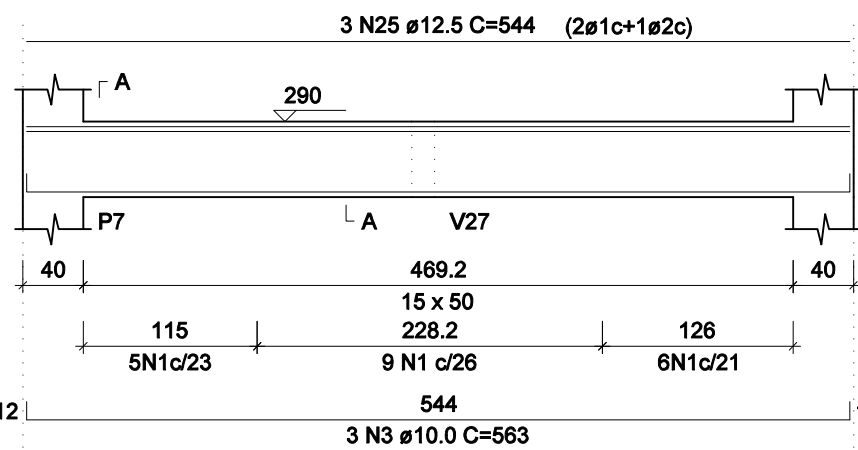
SEÇÃO A-A

ESC 1:25



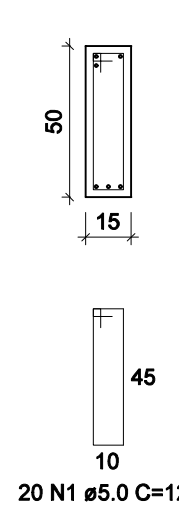
V4

ESC 1:50



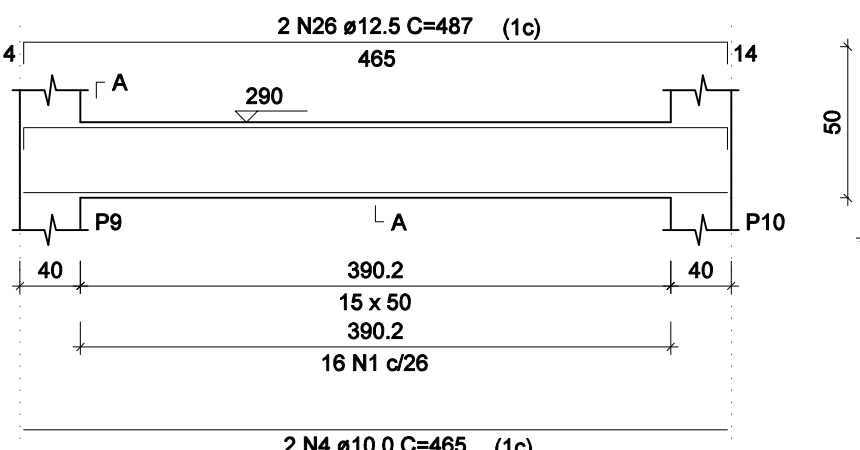
SEÇÃO A-A

ESC 1:25



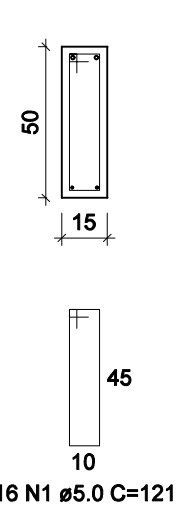
V5

ESC 1:50



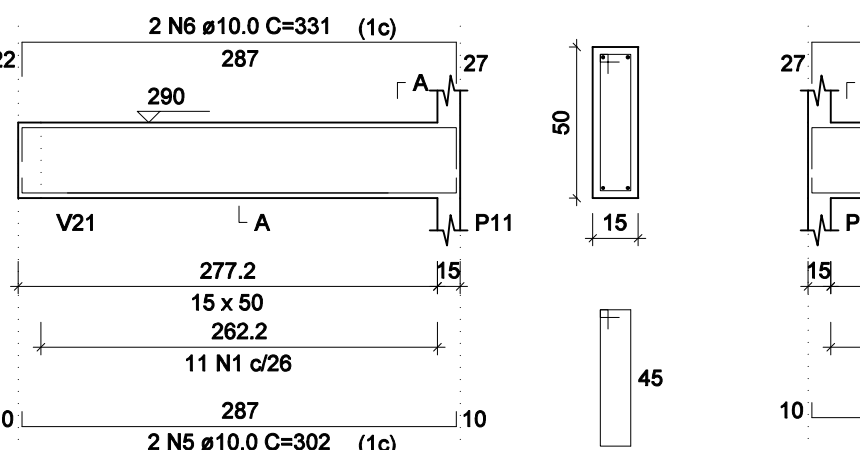
SEÇÃO A-A

ESC 1:25



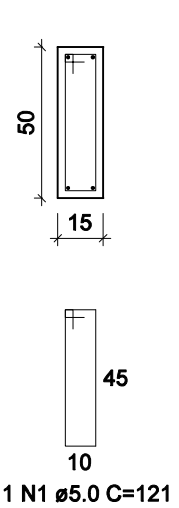
V6

ESC 1:50



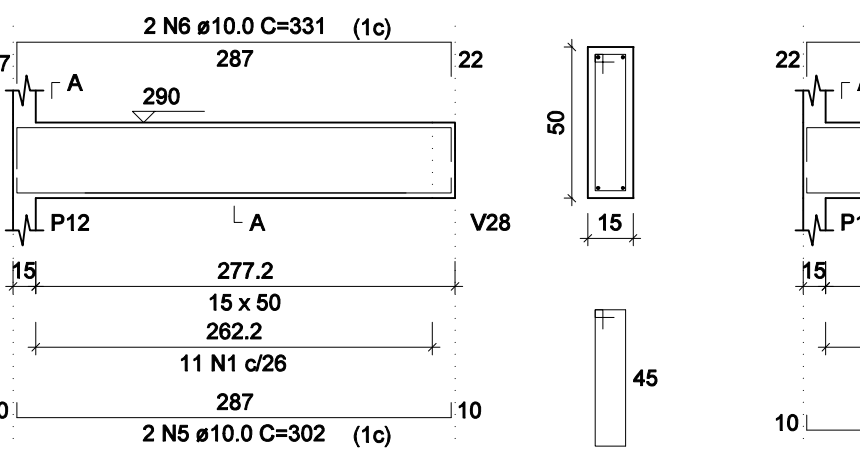
SEÇÃO A-A

ESC 1:25



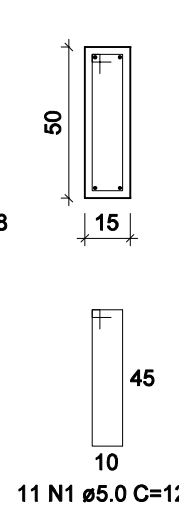
V7

ESC 1:50



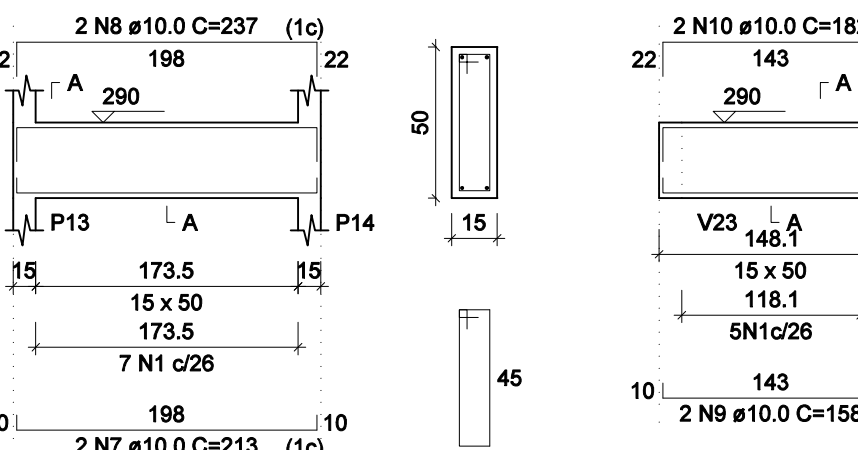
SEÇÃO A-A

ESC 1:25



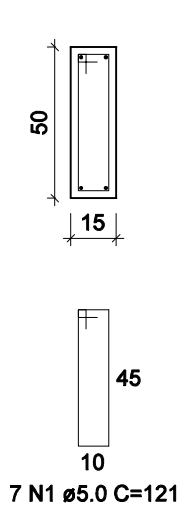
V8

ESC 1:50



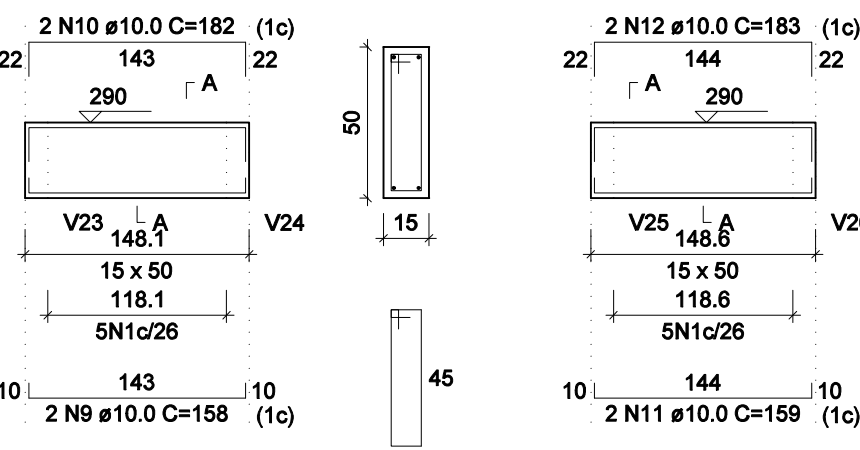
SEÇÃO A-A

ESC 1:25



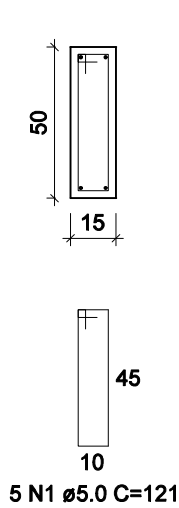
V9

ESC 1:50



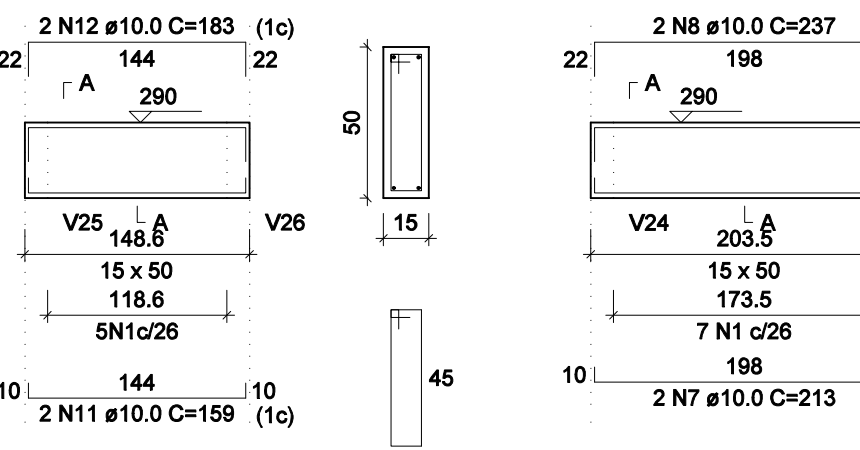
SEÇÃO A-A

ESC 1:25



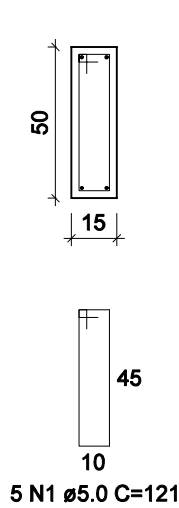
V10

ESC 1:50



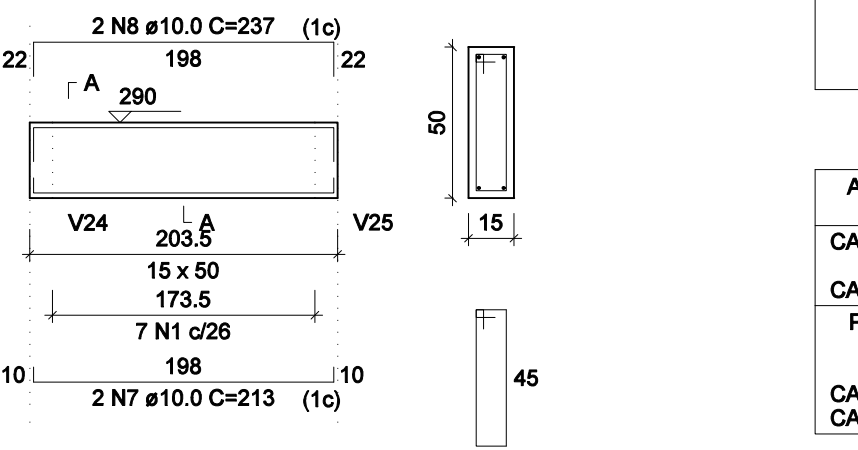
SEÇÃO A-A

ESC 1:25



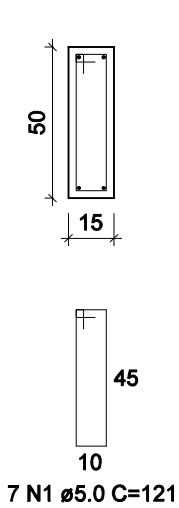
V11

ESC 1:50



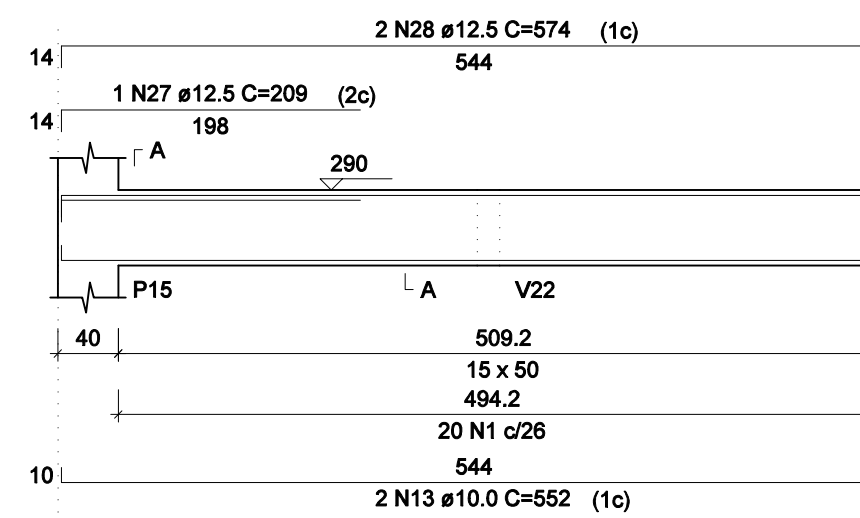
SEÇÃO A-A

ESC 1:25



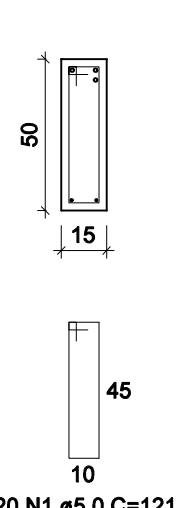
V12

ESC 1:50



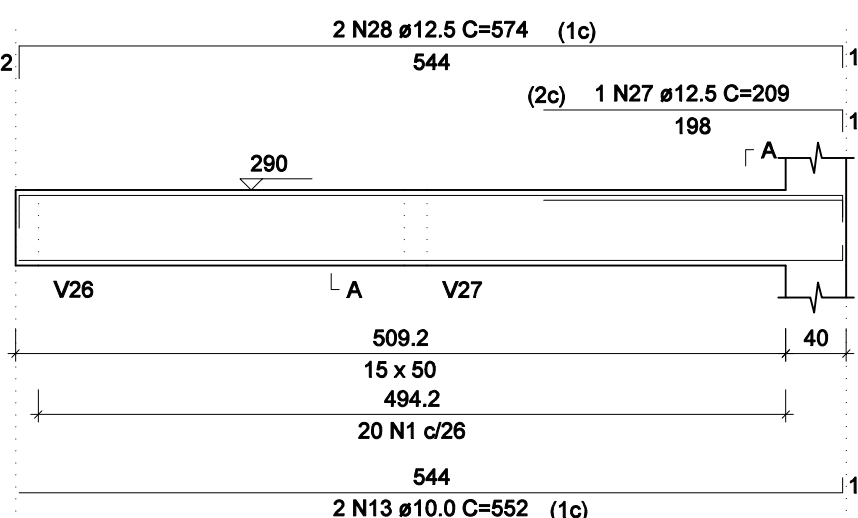
SEÇÃO A-A

ESC 1:25



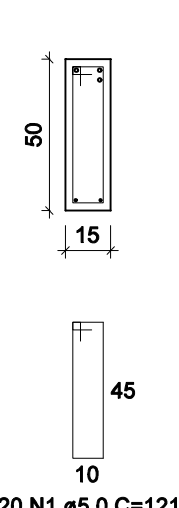
V13

ESC 1:50



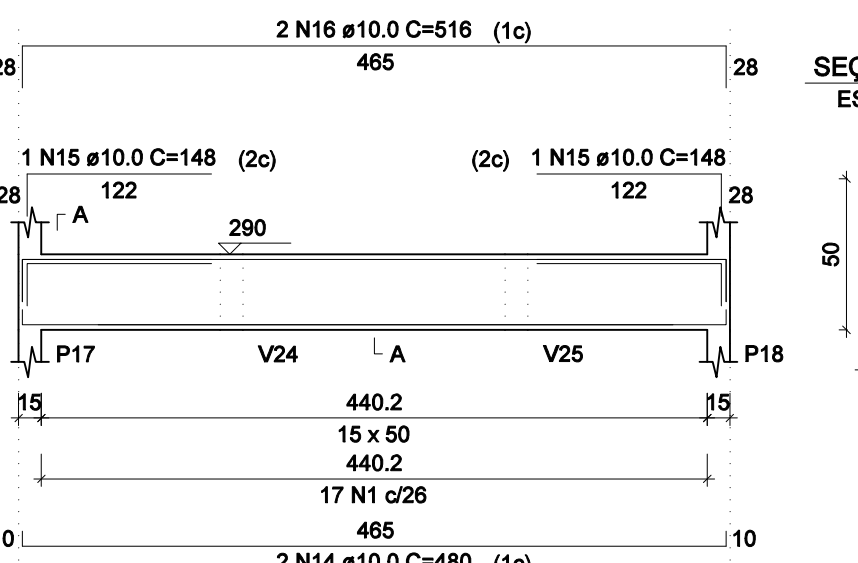
SEÇÃO A-A

ESC 1:25



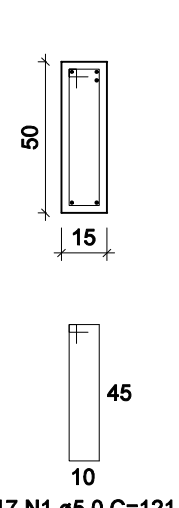
V14

ESC 1:50



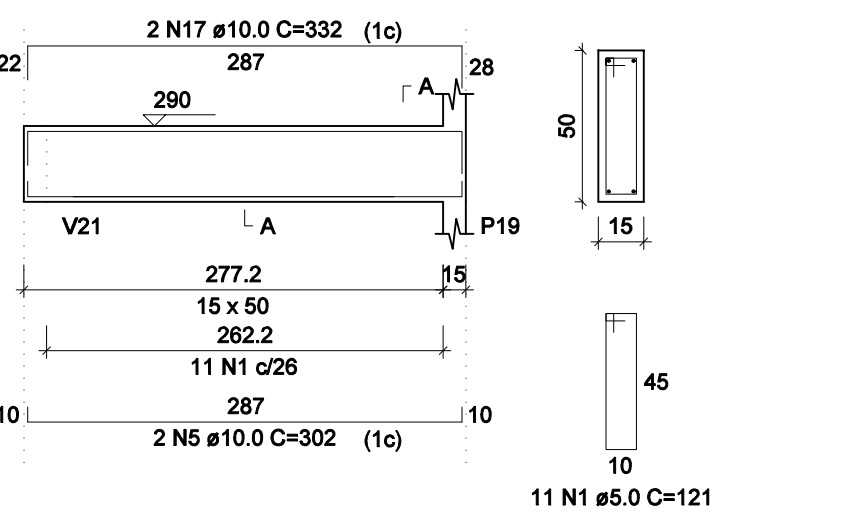
SEÇÃO A-A

ESC 1:25



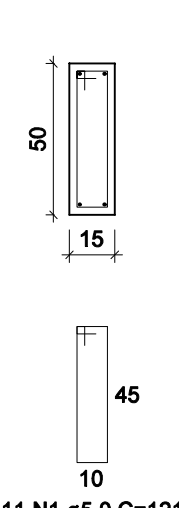
V15

ESC 1:50



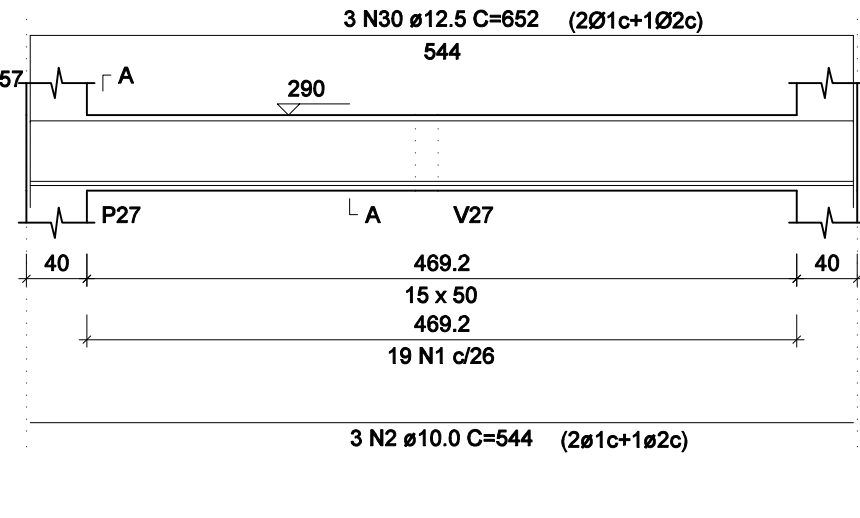
SEÇÃO A-A

ESC 1:25



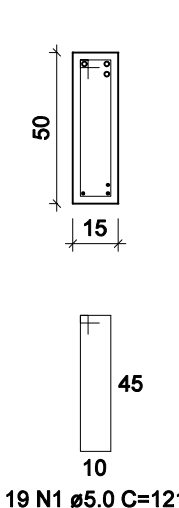
V20

ESC 1:50



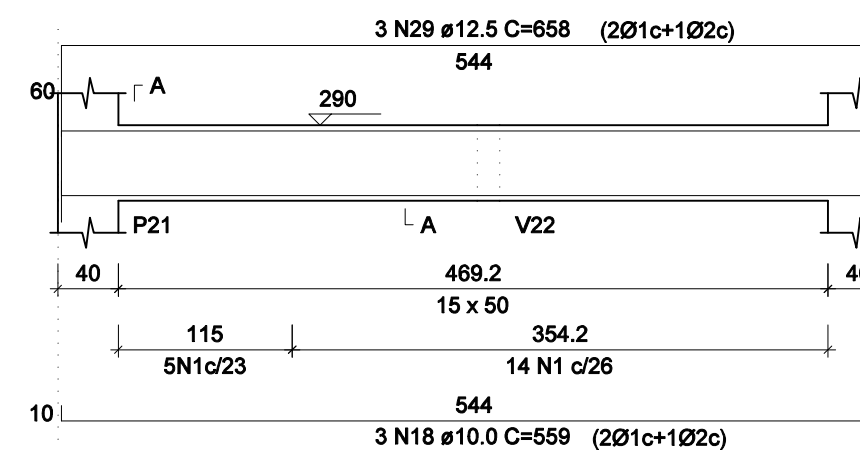
SEÇÃO A-A

ESC 1:25



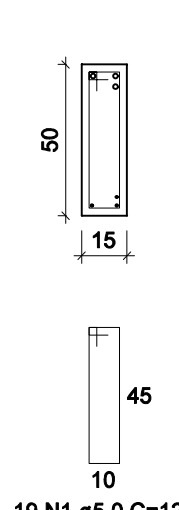
V17

ESC 1:50



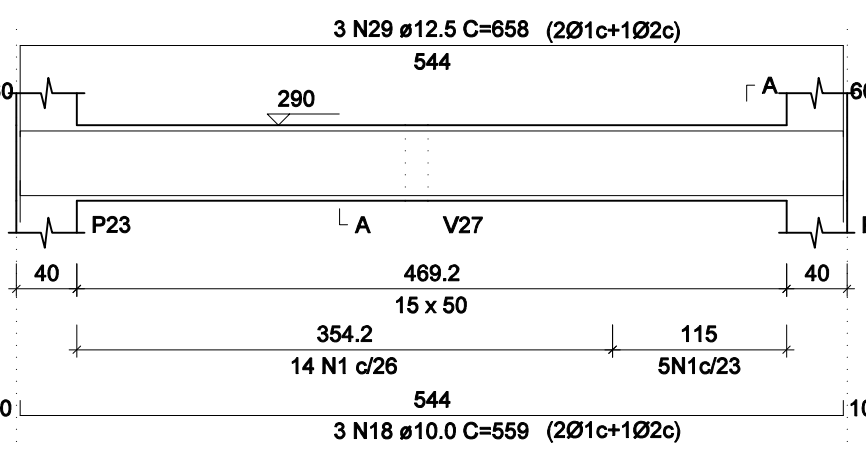
SEÇÃO A-A

ESC 1:25



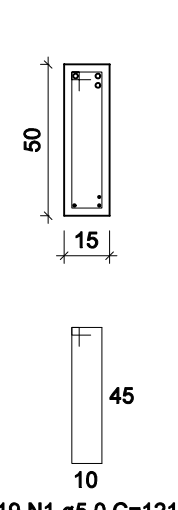
V18

ESC 1:50



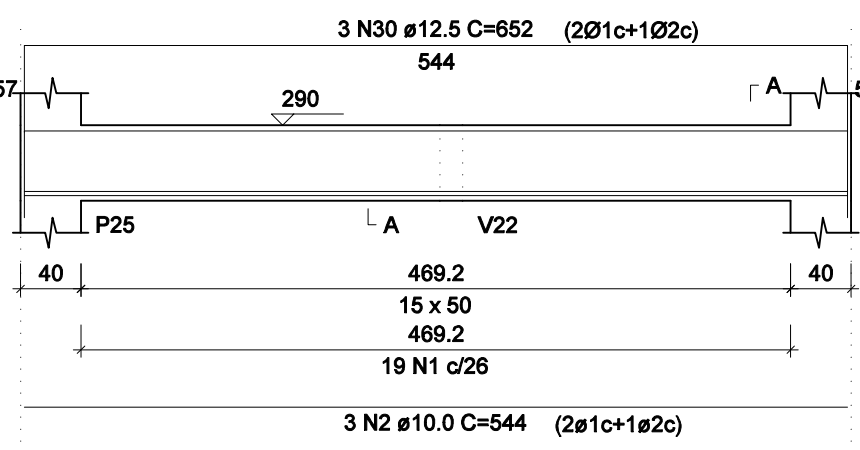
SEÇÃO A-A

ESC 1:25



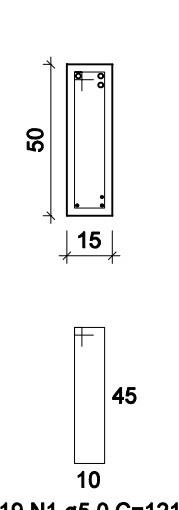
V19

ESC 1:50



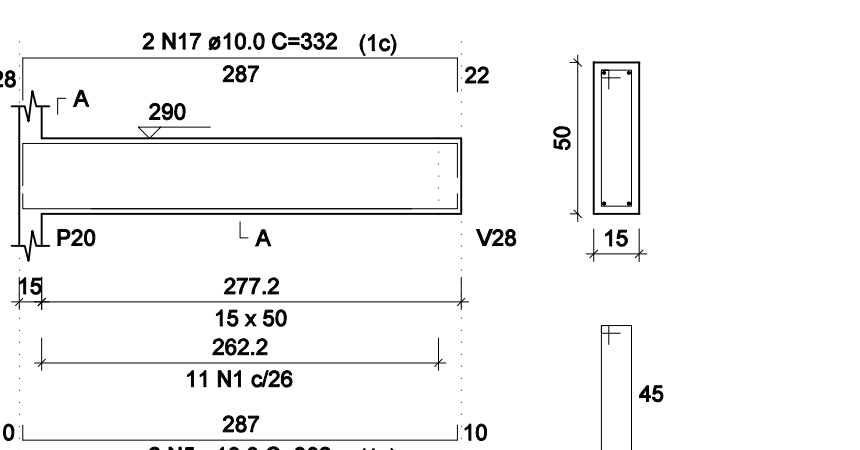
SEÇÃO A-A

ESC 1:25



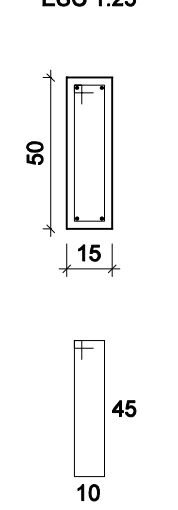
V16

ESC 1:50



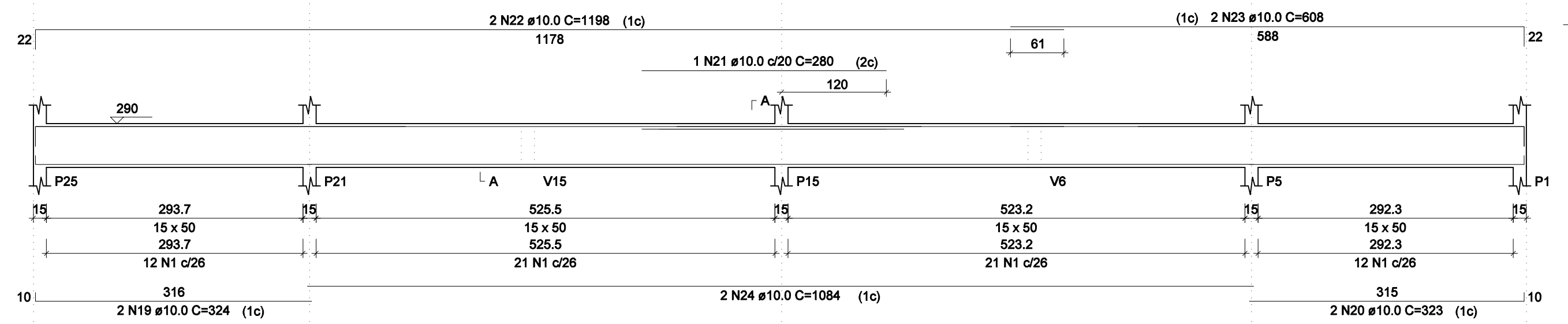
SEÇÃO A-A

ESC 1:25



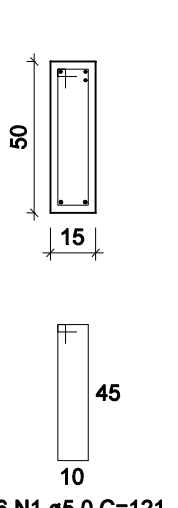
V21

ESC 1:50



SEÇÃO A-A

ESC 1:25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	1	5.0	361	121	43681
V4	2	10.0	12	544	6528
V7	3	10.0	6	563	3378
V10	4	10.0	2	485	950
V13	5	10.0	8	302	2416
V16	6	10.0	4	331	1324
V19	7	10.0	4	213	852
	8	10.0	4	237	948
	9	10.0	2	158	316
	10	10.0	2	182	364
	11	10.0	2	159	316
	12	10.0	2	183	368
	13	10.0	4	552	2208
	14	10.0	2	480	960
	15	10.0	2	148	296
	16	10.0	2	516	1032
	17	10.0	4	332	1328
	18	10.0	6	559	3354
	19	10.0	2	324	648
	20	10.0	2	323	646
	21	10.0	1	280	280
	22	10.0	2	1198	2396
	23	10.0	2	608	1216
	24	10.0	2	1084	2168
	25	12.5	12	544	6528
	26	12.5	2	487	974
	27	12.5	2	209	418
	28	12.5	4	574	2296
	29	12.5	6	658	3948
	30	12.5	6	652	3912

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	342.7	232.4
CA60	12.5	180.8	191.5
CA60	5.0	436.8	74.1
PESO TOTAL (kg)			
CA50	424		
CA60	74.1		

Volume de concreto (C-25) = 7.51 m³
Área de forma = 115.17 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 1a LAJE -1	
USO	RESIDENCIAL
TÍTULO	APROVAÇÃO
ENDEREÇO	RUA FAZENDA DA VARGEM, S/N, SANTANA - NOVA ERA/ MG
DATA	JANEIRO/2023
FOLHA	15/20