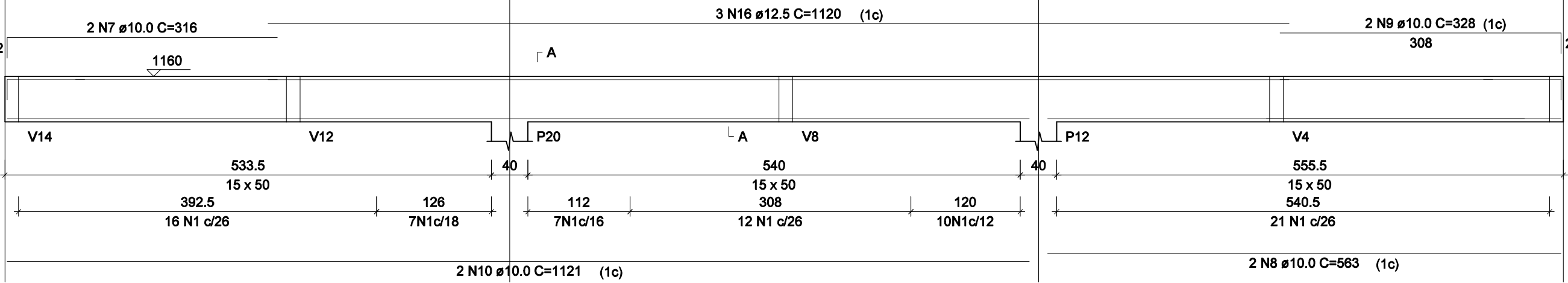


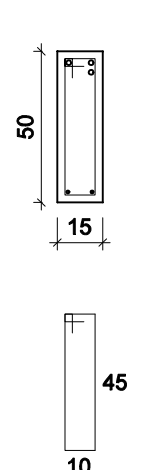
V19

ESC 1:50



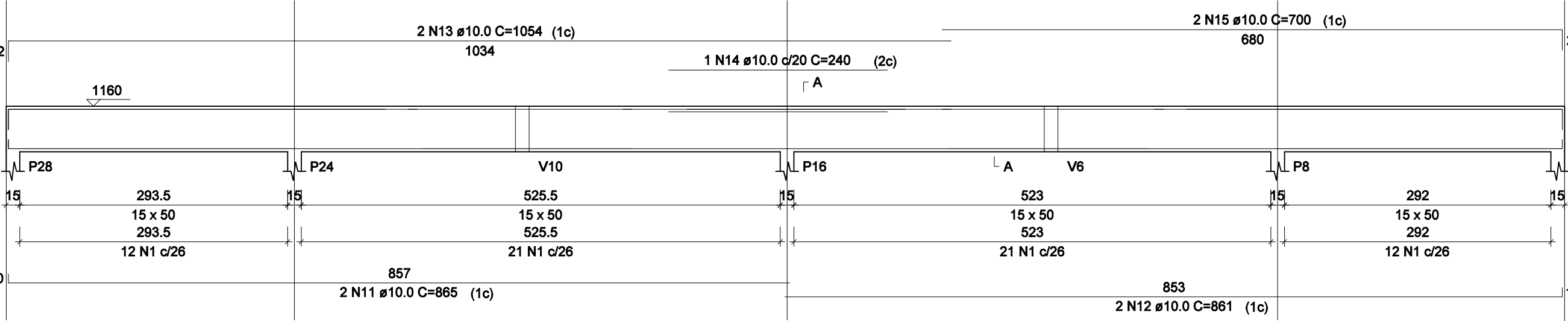
SEÇÃO A-A

ESC 1:25



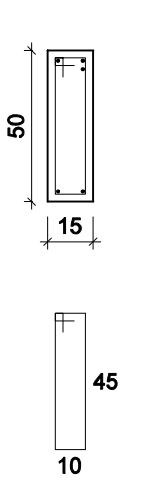
V20

ESC 1:50



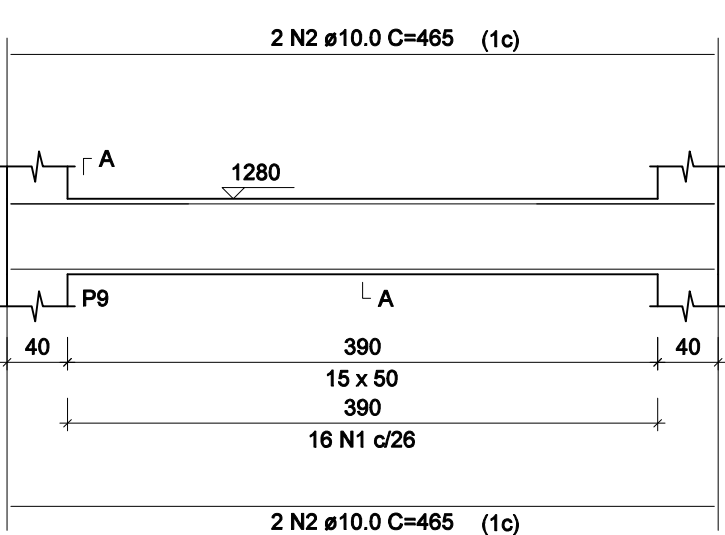
SEÇÃO A-A

ESC 1:25



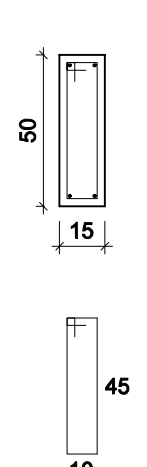
V1

ESC 1:50



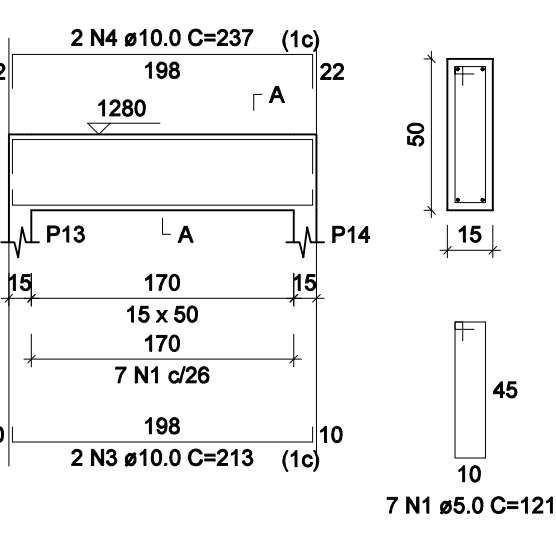
SEÇÃO A-A

ESC 1:25



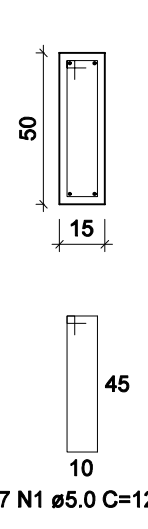
V2

ESC 1:50



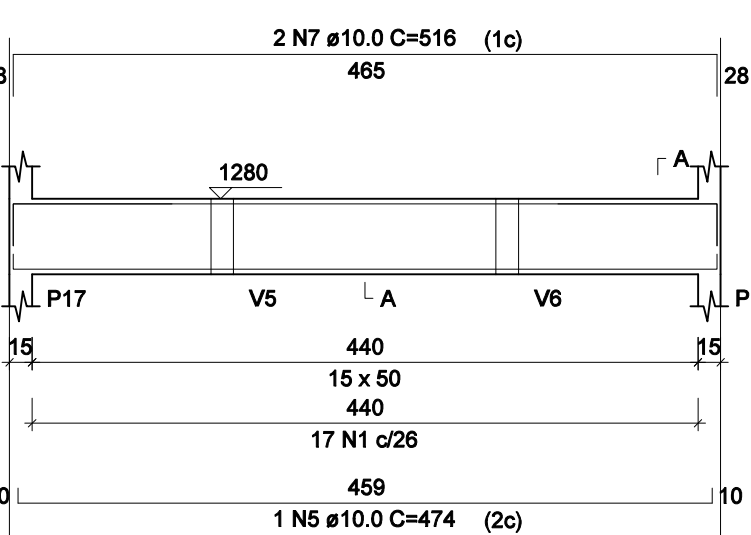
SEÇÃO A-A

ESC 1:25



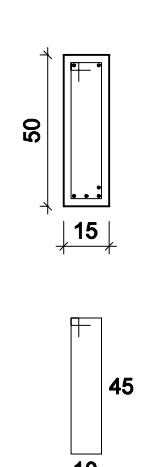
V3

ESC 1:50



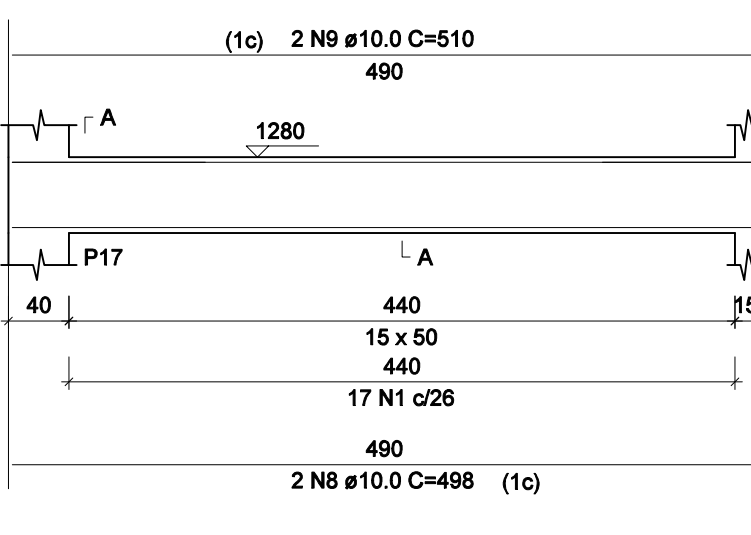
SEÇÃO A-A

ESC 1:25



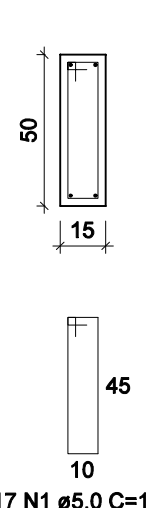
V4

ESC 1:50



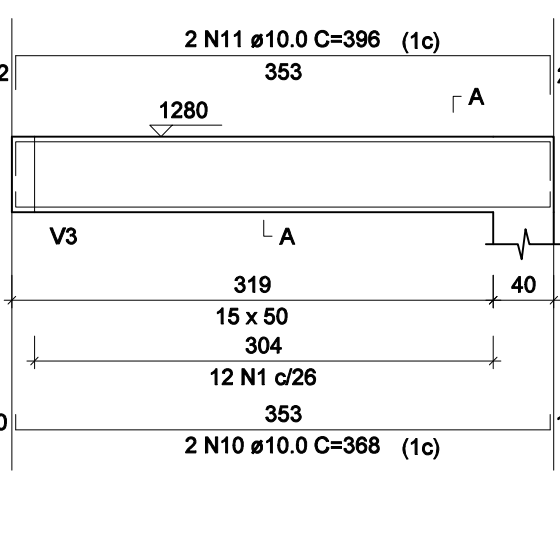
SEÇÃO A-A

ESC 1:25



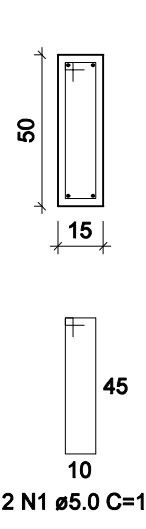
V5

ESC 1:50



SEÇÃO A-A

ESC 1:25



RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	98	121	11858
CA50	2	10.0	4	465	1860
	3	10.0	2	213	426
	4	10.0	2	237	474
	5	10.0	1	474	474
	6	10.0	3	480	1440
	7	10.0	2	516	1032
	8	10.0	4	498	1992
	9	10.0	4	510	2040
	10	10.0	2	368	736
	11	10.0	2	396	792
	12	10.0	2	368	736
	13	10.0	1	182	182
	14	10.0	2	396	792

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	129.8	88
CA60	5.0	118.6	20.1

PESO TOTAL (kg)

CA50 88

CA60 20.1

Volume de concreto (C-25) = 2.14 m³

Área de forma = 32.78 m²

RELAÇÃO DO AÇO

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	117	81	9477
CA50	2	8.0	2	465	930
	3	8.0	4	501	2004
	4	8.0	2	481	962
	5	8.0	4	490	1960
	6	8.0	4	528	2104

RESUMO DO AÇO

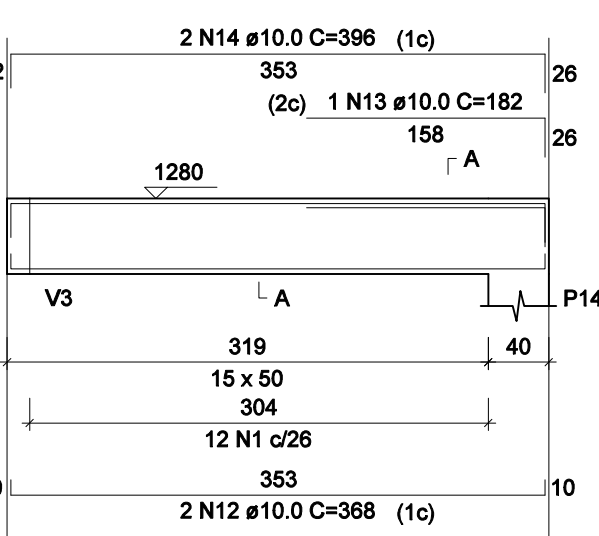
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	79.6	34.5
CA60	5.0	94.8	16.1

Volume de concreto (C-25) = 0.87 m³

Área de forma = 14.48 m²

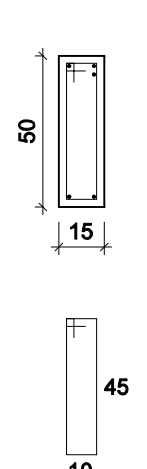
V6

ESC 1:50



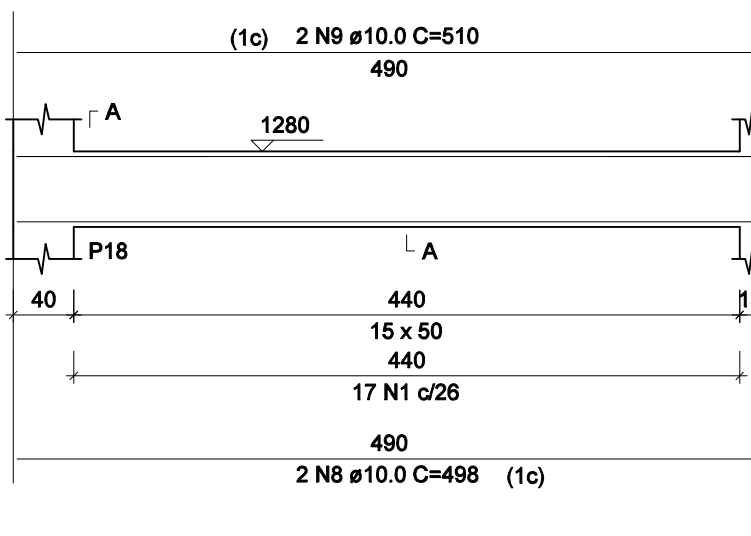
SEÇÃO A-A

ESC 1:25



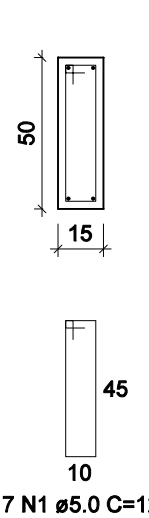
V7

ESC 1:50



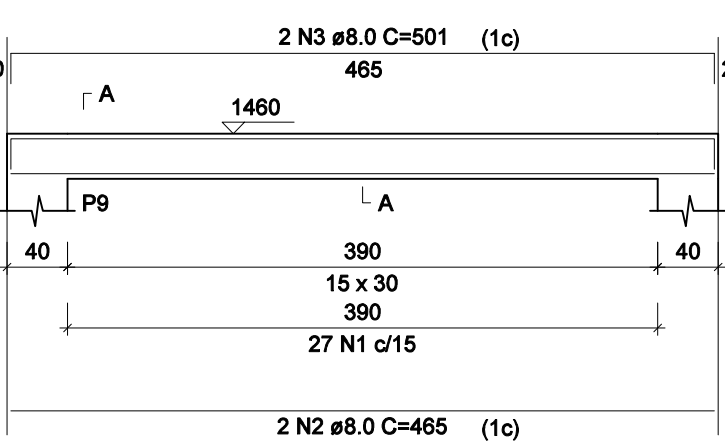
SEÇÃO A-A

ESC 1:25



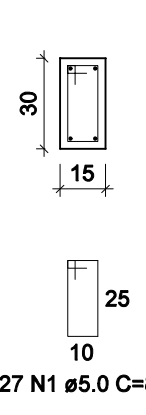
V1

ESC 1:50



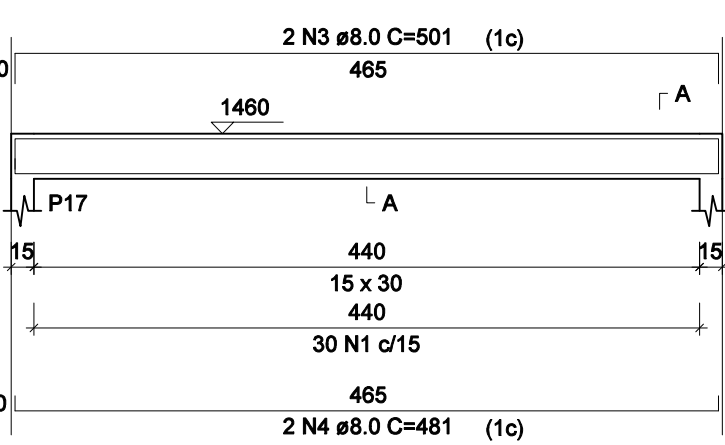
SEÇÃO A-A

ESC 1:25



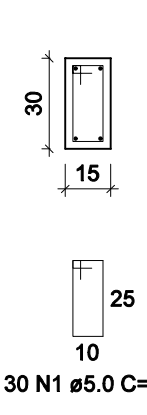
V2

ESC 1:50



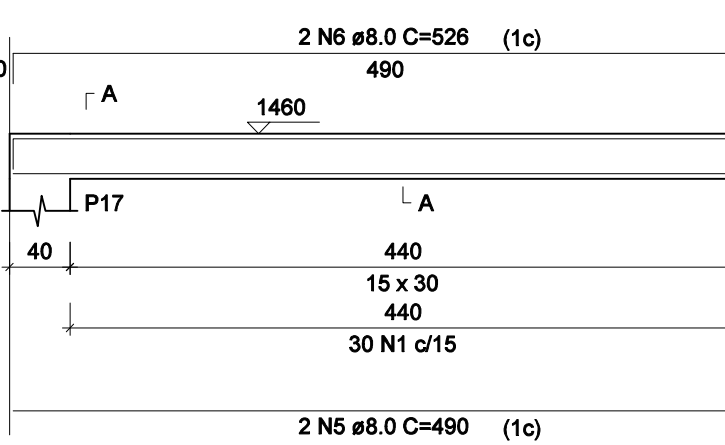
SEÇÃO A-A

ESC 1:25



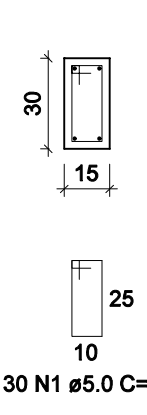
V3

ESC 1:50



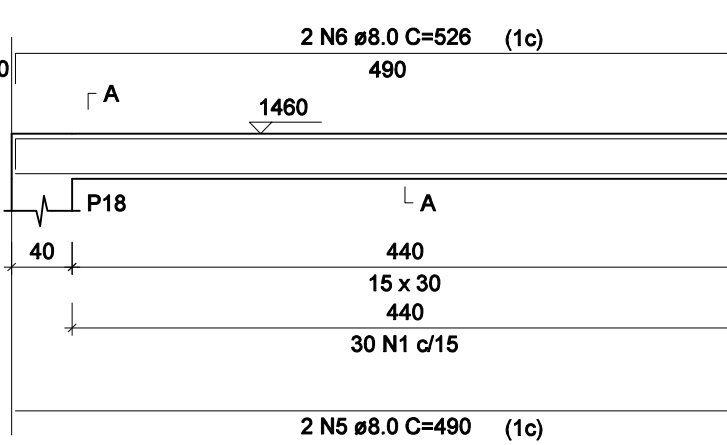
SEÇÃO A-A

ESC 1:25



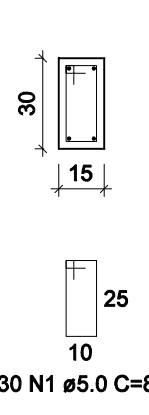
V4

ESC 1:50



SEÇÃO A-A

ESC 1:25



PROPRIETÁRIO :	CNPJ
PREFEITURA MUNICIPAL DE NOVA ERA	16.819.831/0001-20
EMPRESA CONTRATADA :	CNPJ
ALESSANDRO DRUMOND - Engenharia & Arquitetura	19.881.726/ 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 4a LAJE - 2/ VIGAS NÍVEL 1280/1460	
USO	RESIDENCIAL
TÍTULO	APROVAÇÃO
ENDEREÇO	RUA FAZENDA DA VARGEM, S/N, SANTANA - NOVA ERA/ MG
DATA	JANEIRO/2023
FOLHA	18/20
J.V.C.	DES