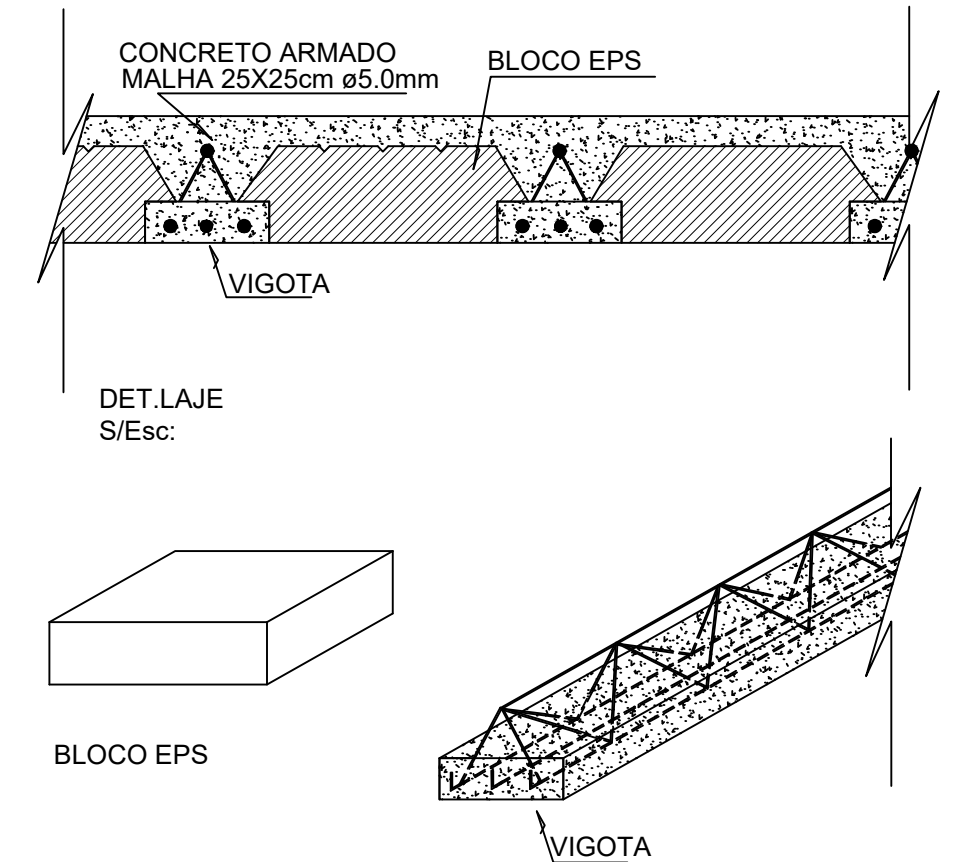
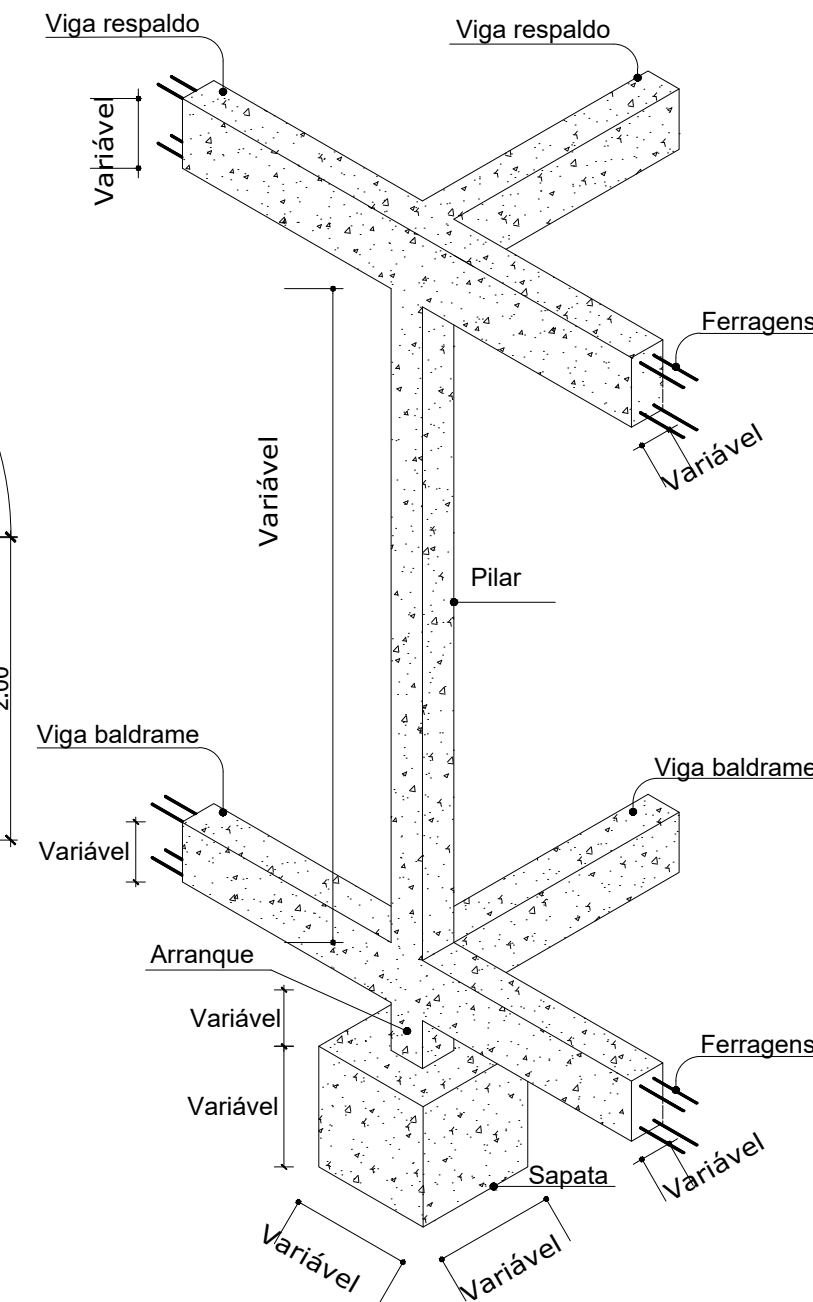
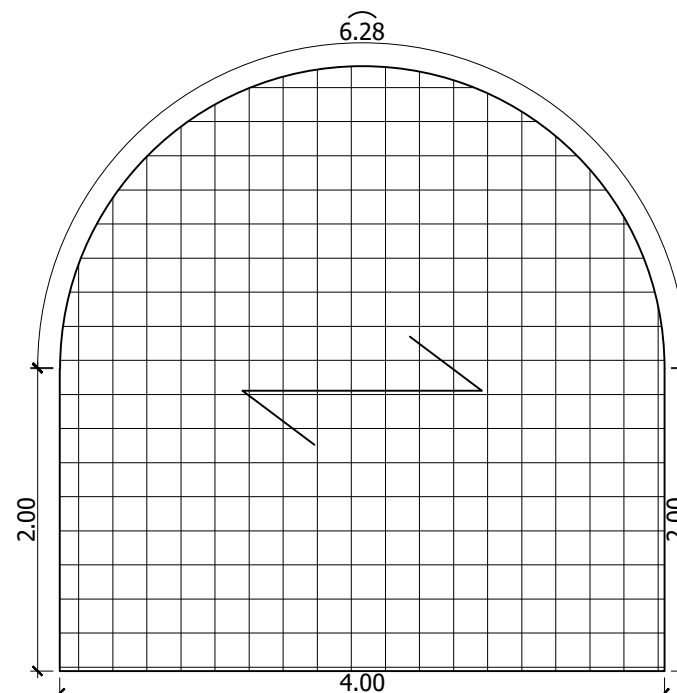
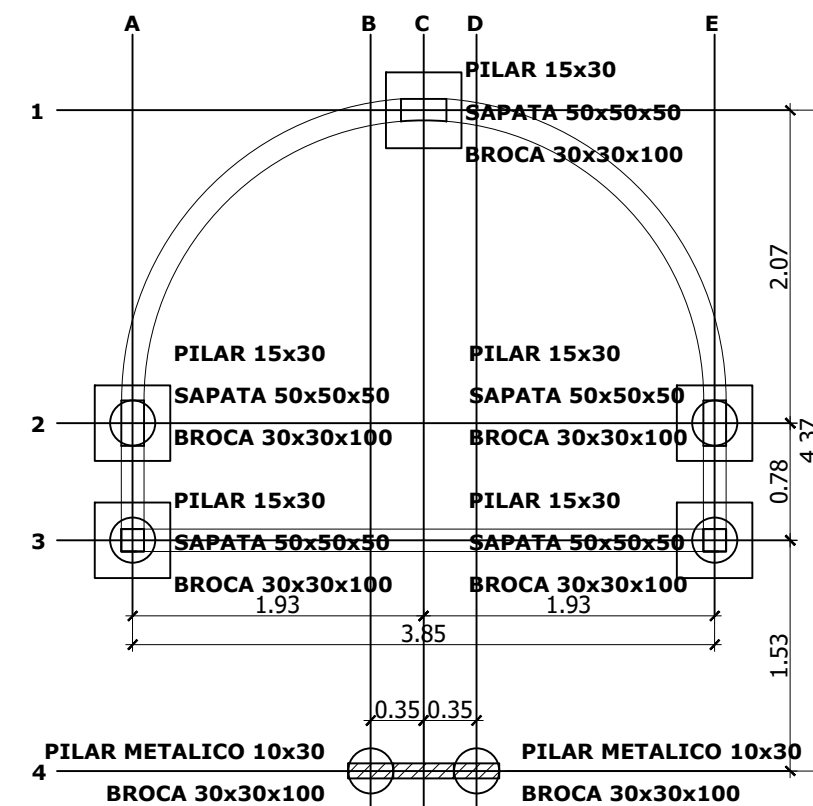
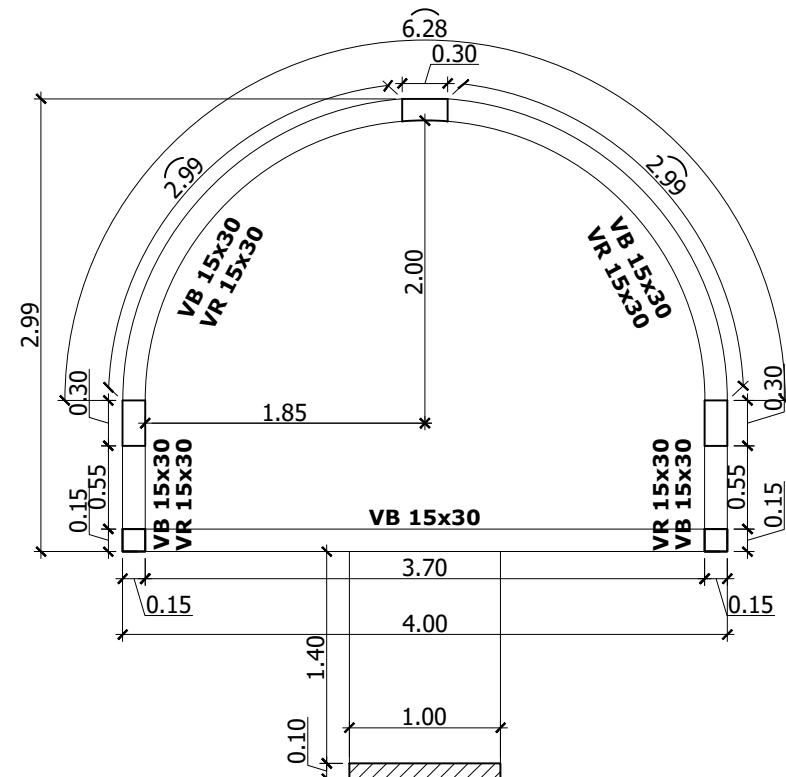
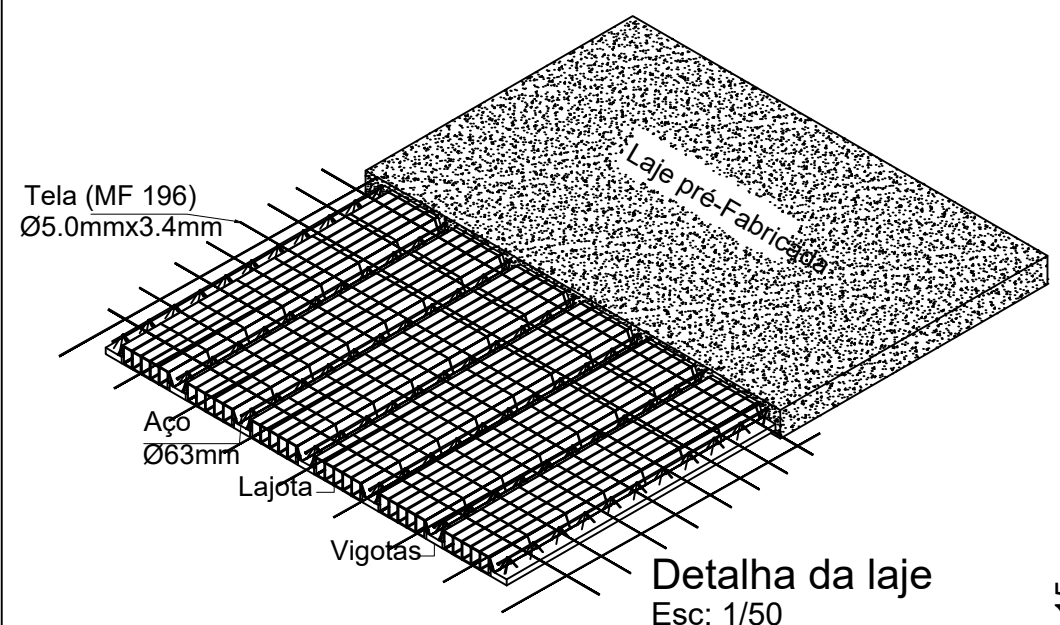
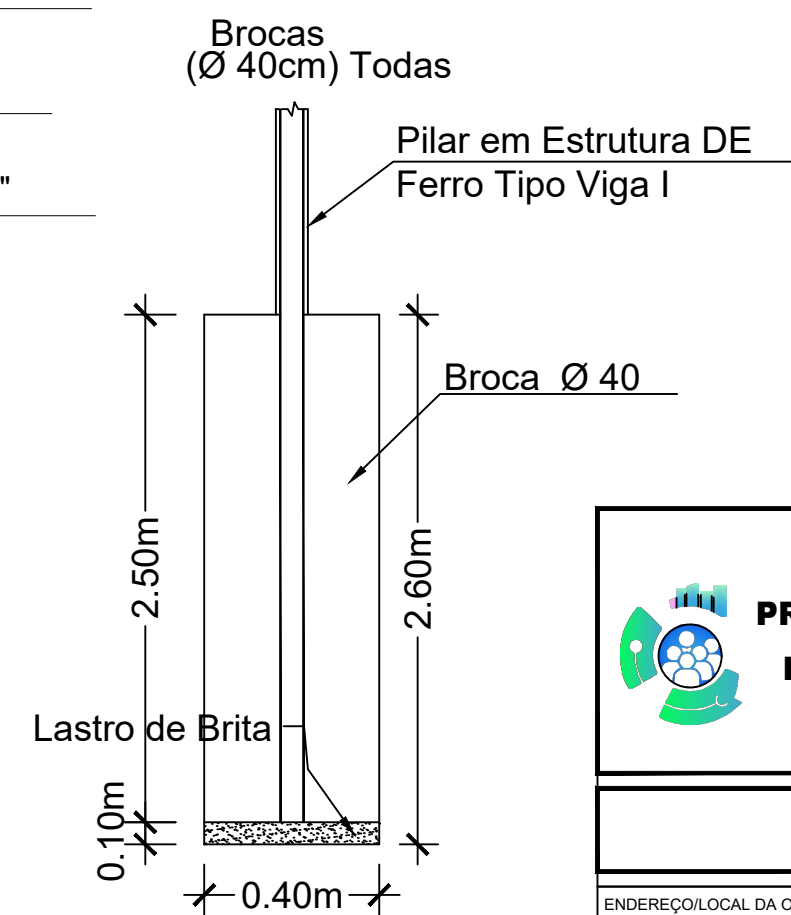
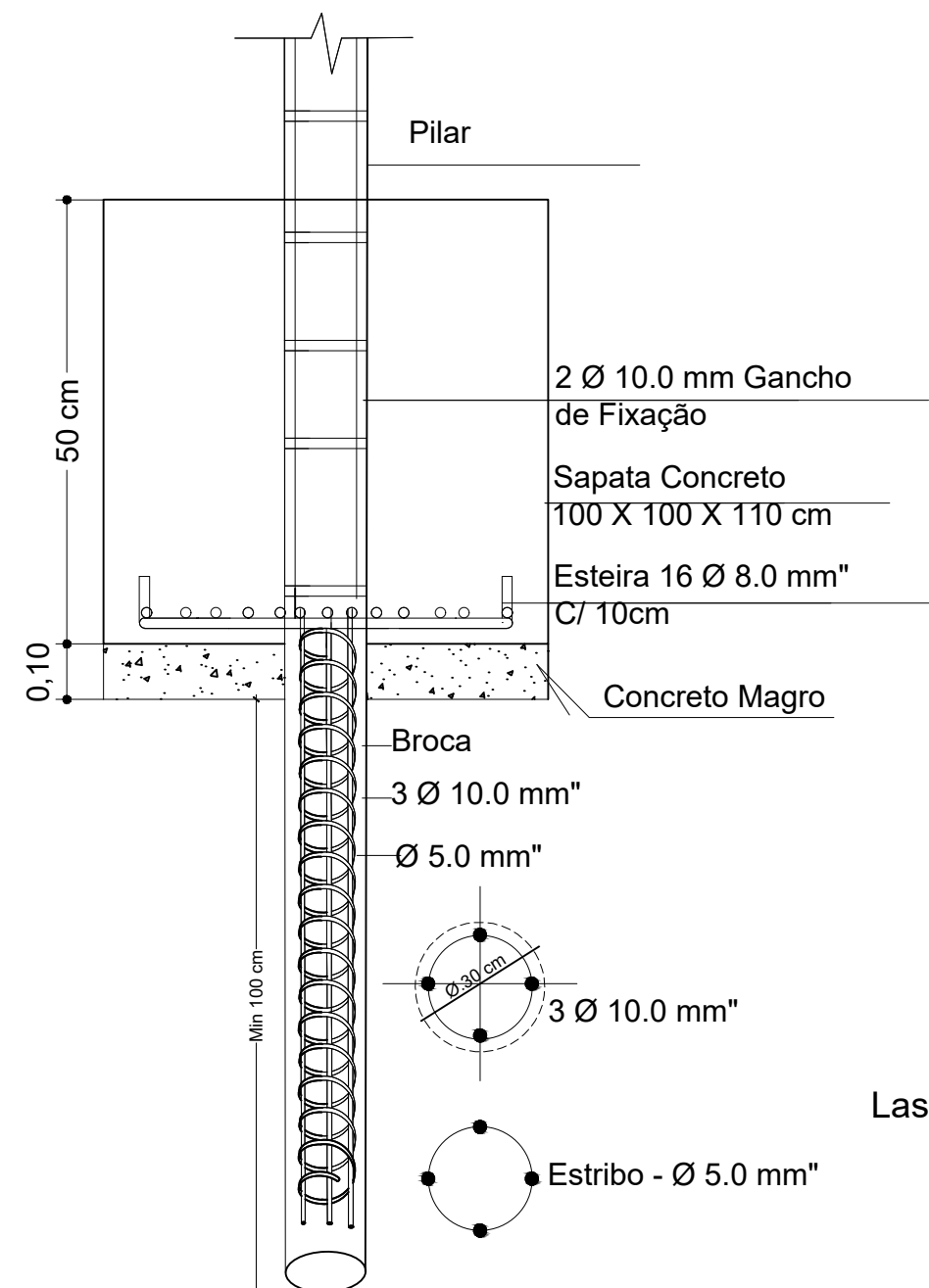
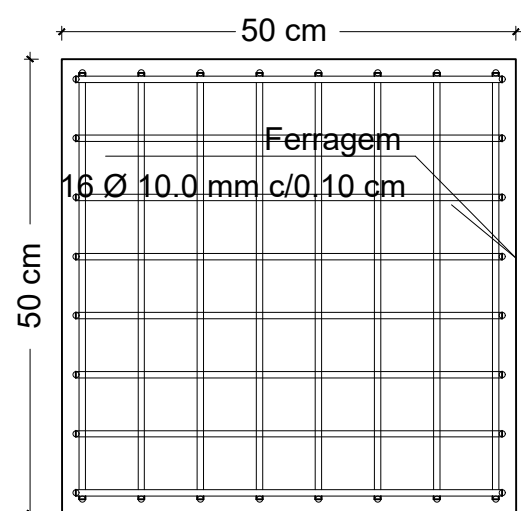
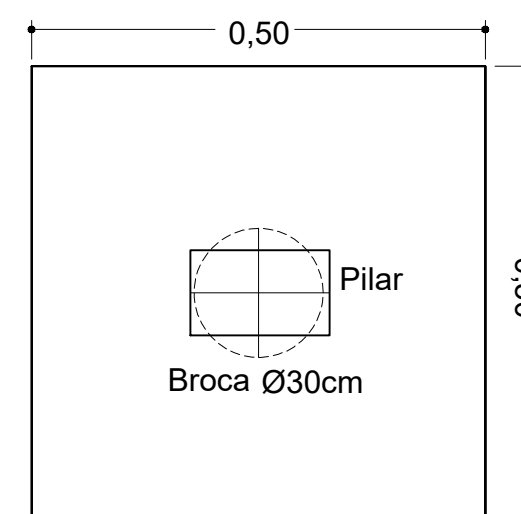
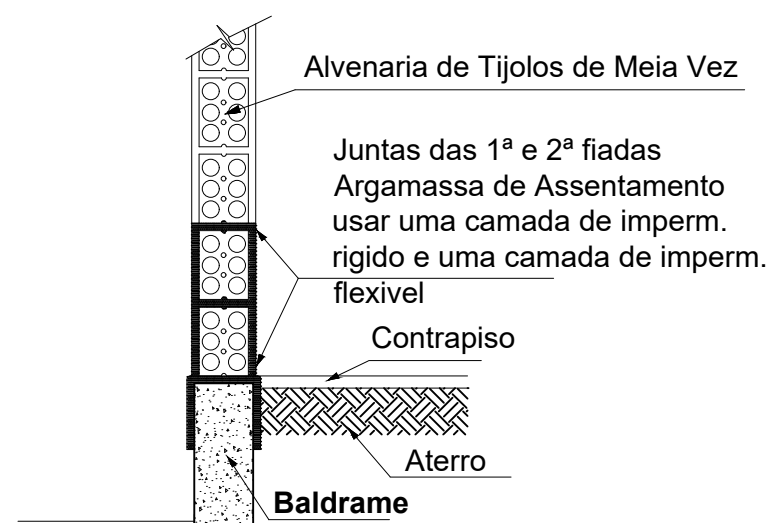
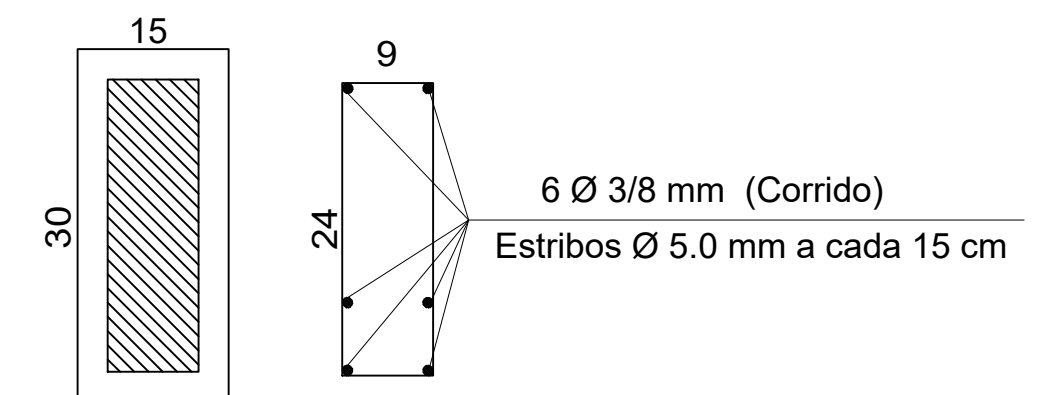
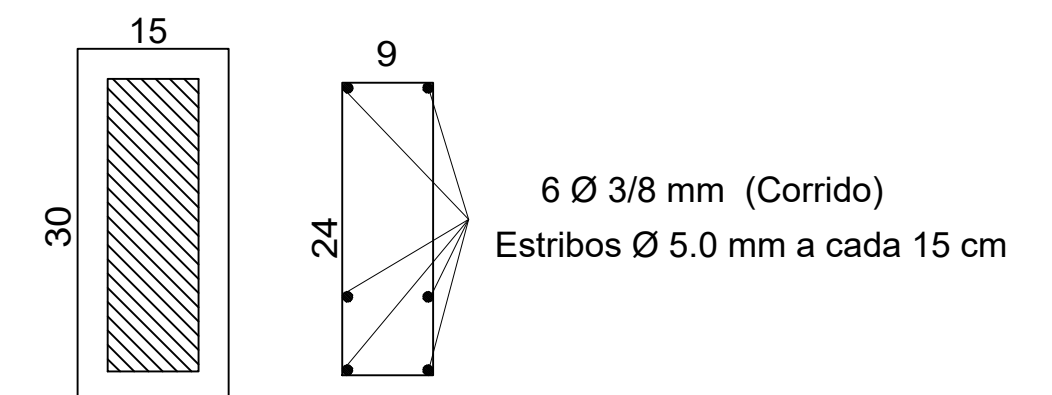
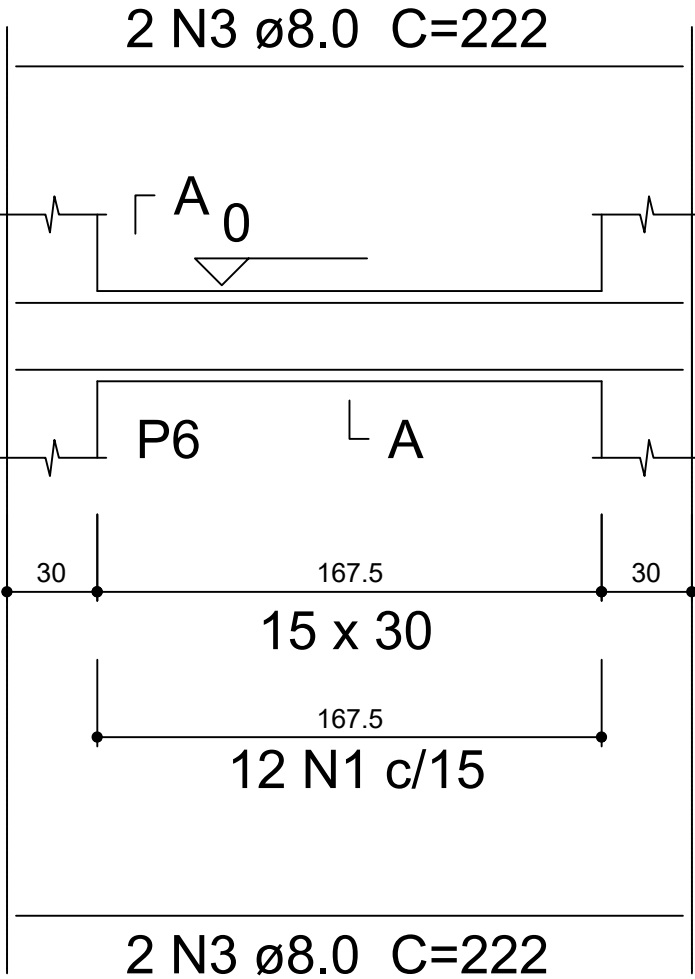




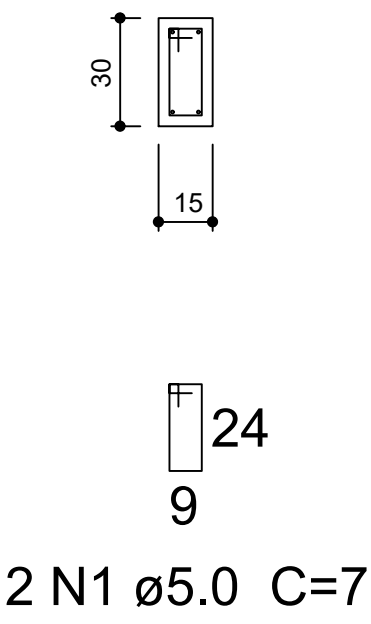
NOTA:
DETALHE GENÉRICO DA ARMAÇÃO DAS NERVURAS DAS LAJES PRÉ-FABRICADAS.



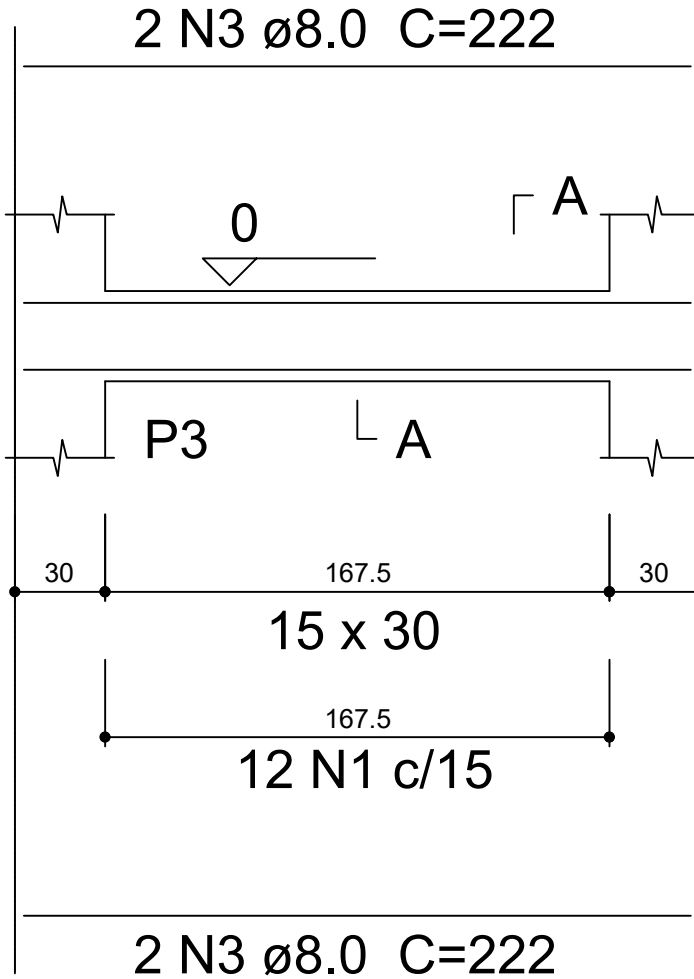
V1
ESC 1:30



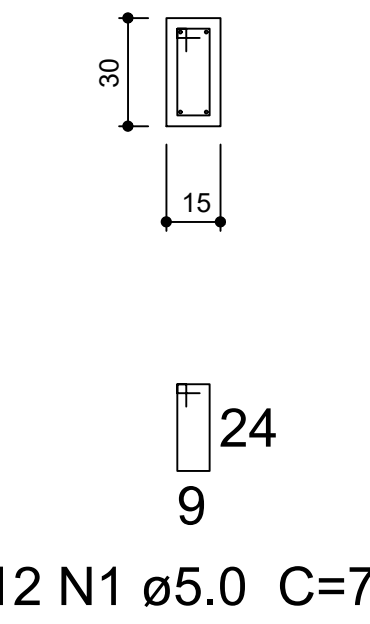
SEÇÃO A-A
ESC 1:25



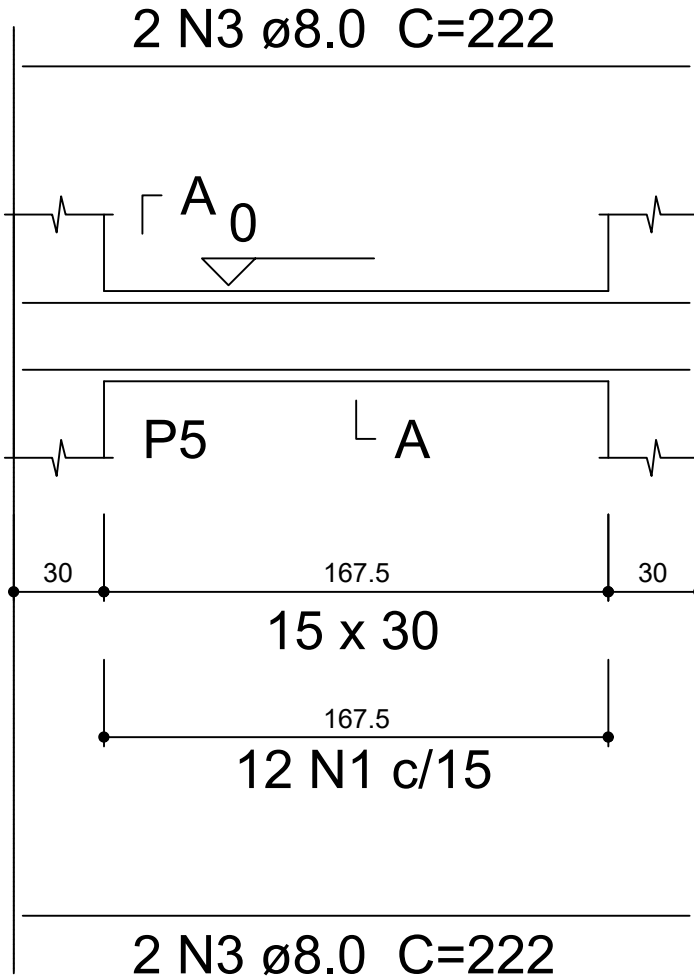
V2
ESC 1:30



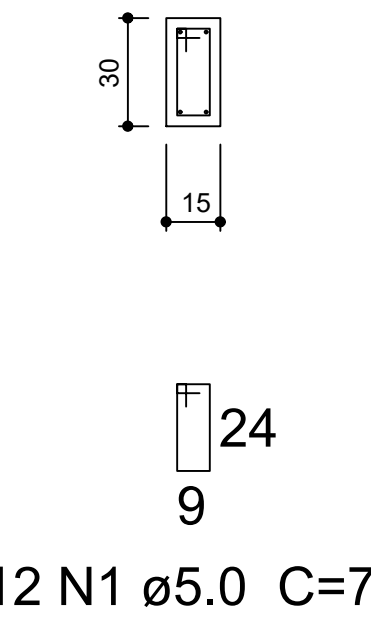
SEÇÃO A-A
ESC 1:25



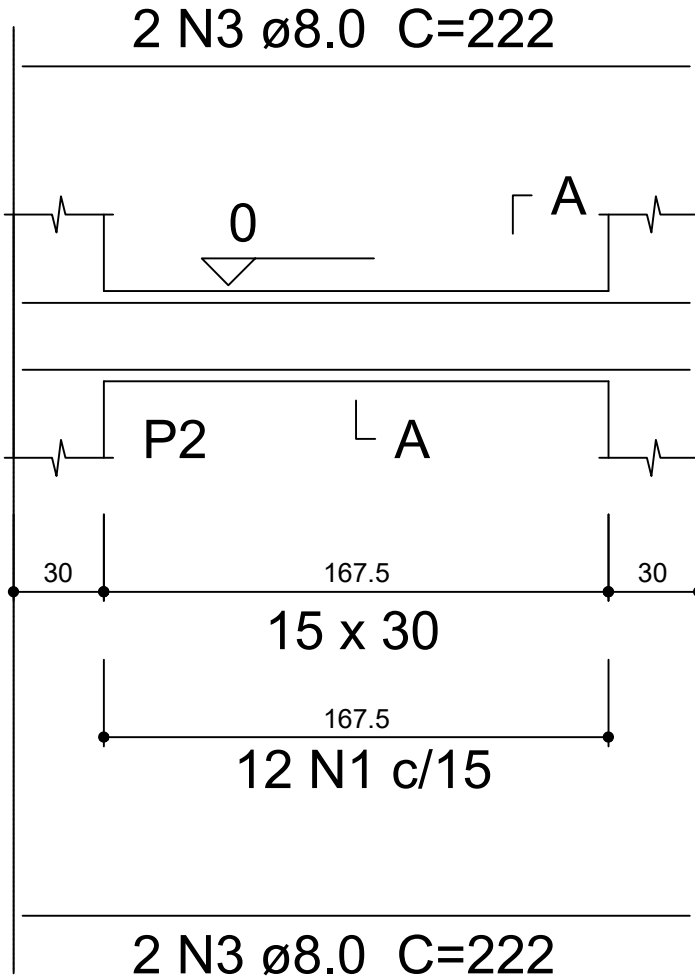
V3
ESC 1:30



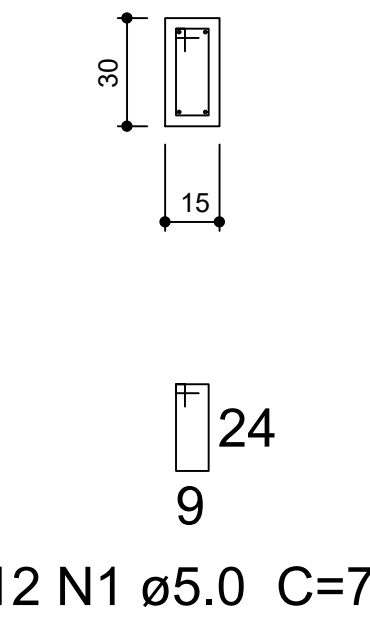
SEÇÃO A-A
ESC 1:25



V4
ESC 1:30



SEÇÃO A-A
ESC 1:25



Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	144	78	11232
	2	5.0	2	245	490
CA50	3	8.0	16	222	3552
	4	10.0	4	513	2052
	5	10.0	4	153	612
	6	10.0	4	559	2236
	7	10.0	2	494	988
	8	10.0	2	130	260
	9	10.0	4	160	640

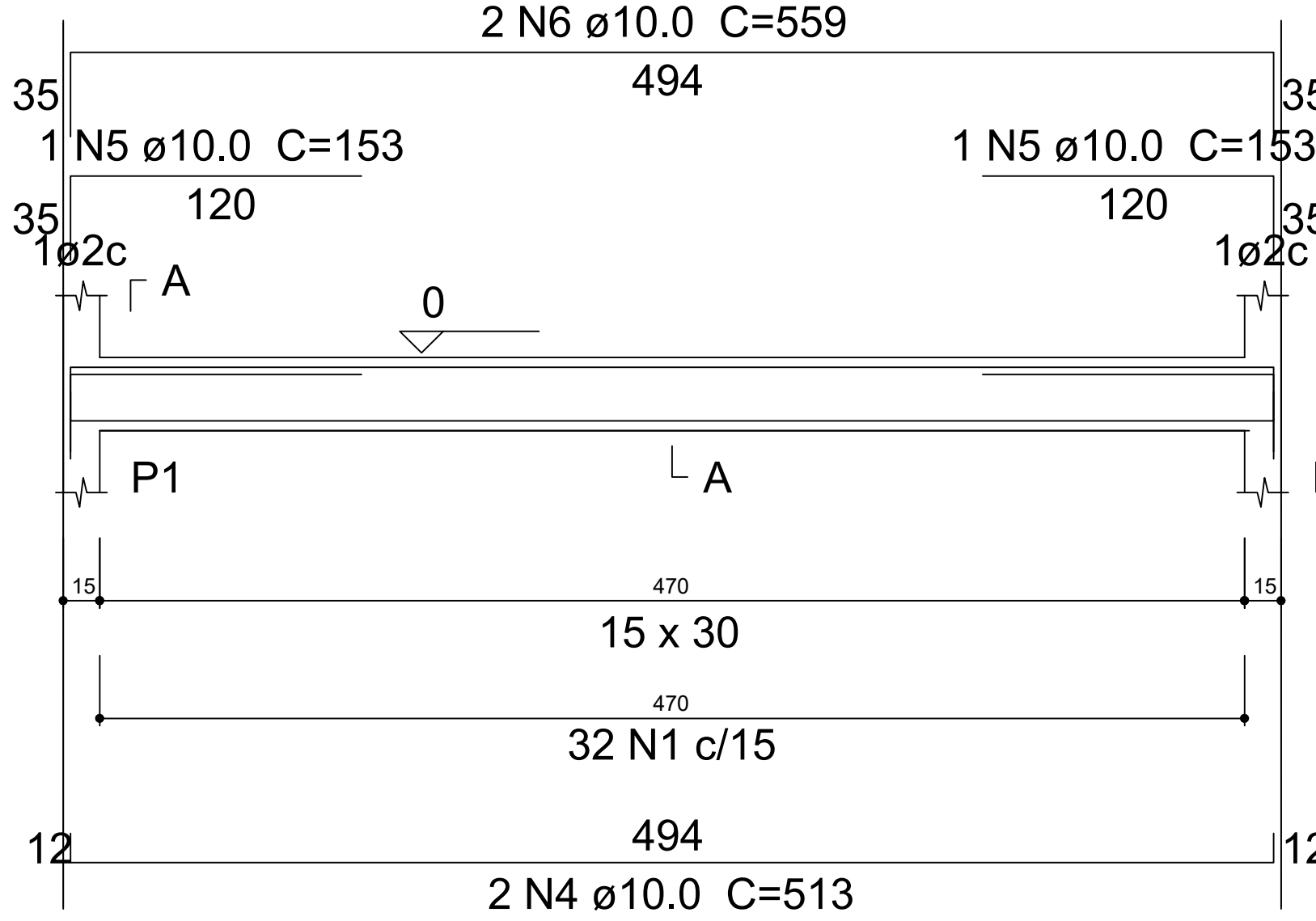
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	35.6	15.4
CA60	10.0	67.9	46
CA60	5.0	117.3	19.9

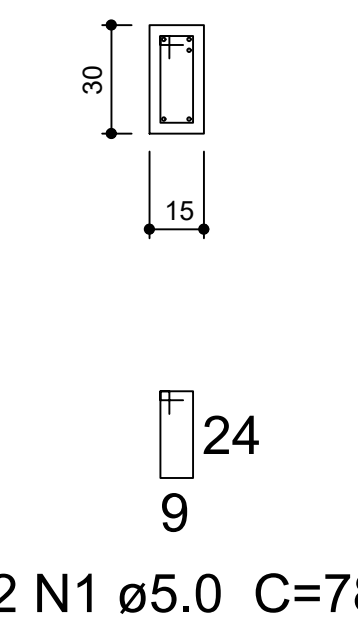
PESO TOTAL (kg)	
CA50	61.5
CA60	19.9

Volume de concreto (C-25) = 1.08 m³
Área de forma = 18.07 m²

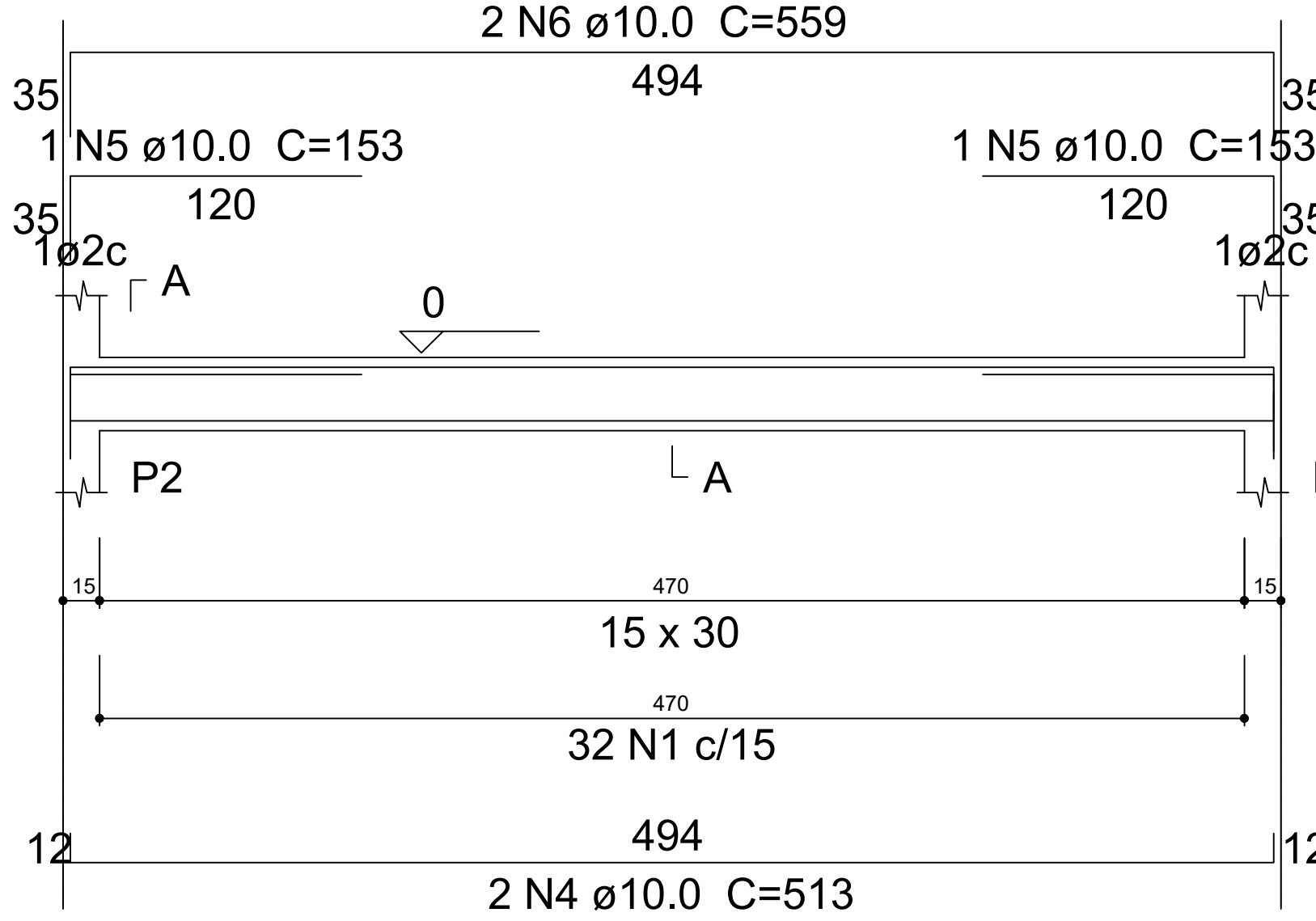
V5
ESC 1:30



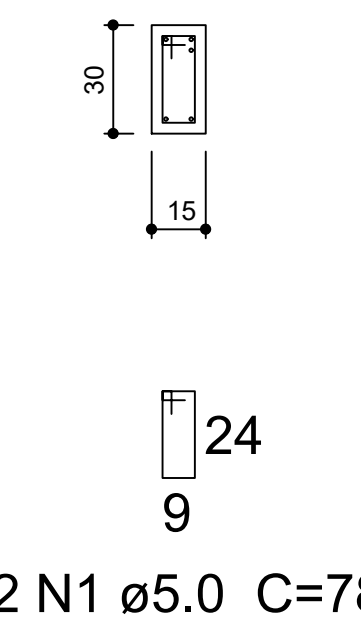
SEÇÃO A-A
ESC 1:25



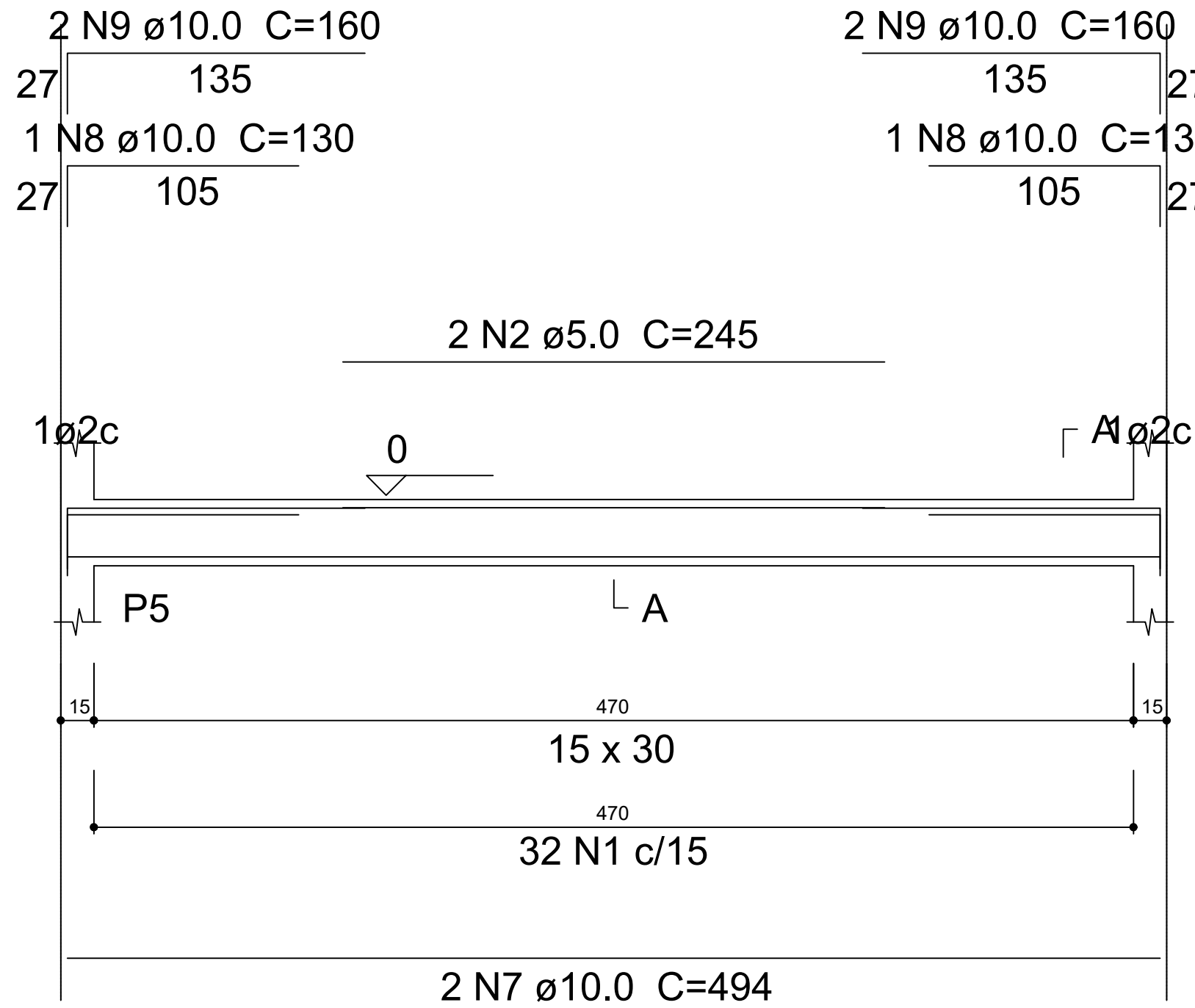
V6
ESC 1:30



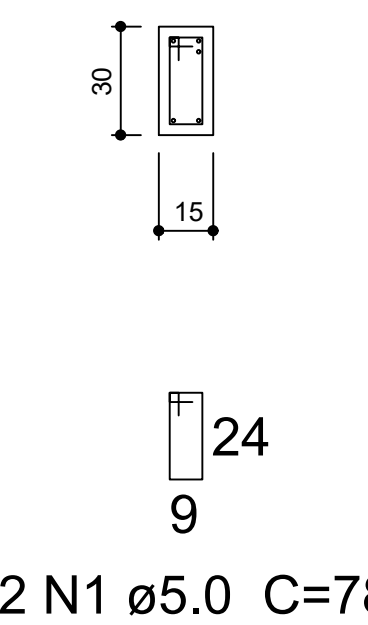
SEÇÃO A-A
ESC 1:25



V7
ESC 1:30



SEÇÃO A-A
ESC 1:25



Relação do aço

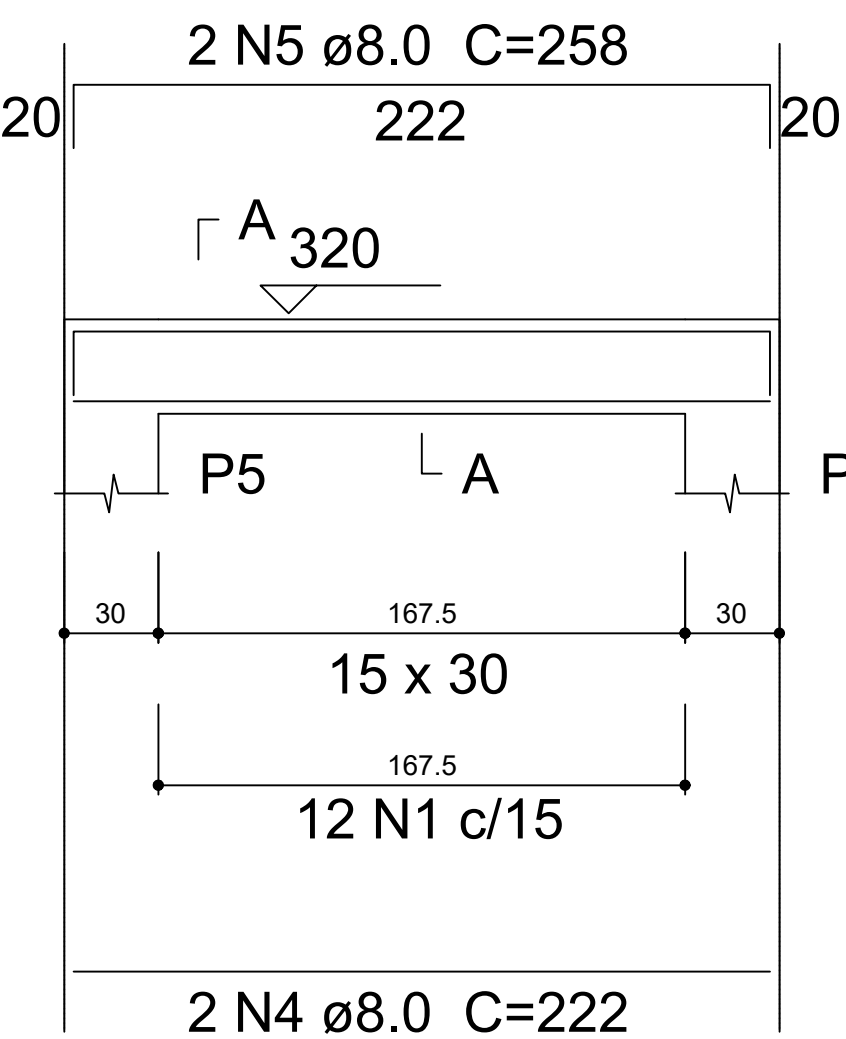
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	274	78	21372
	2	5.0	4	275	1100
	3	5.0	108	24	2592
CA50	4	8.0	8	222	1776
	5	8.0	8	258	2064
	6	10.0	2	275	550
	7	10.0	4	513	2052
	8	10.0	8	149	1192
	9	10.0	48	317	15216

Resumo do aço

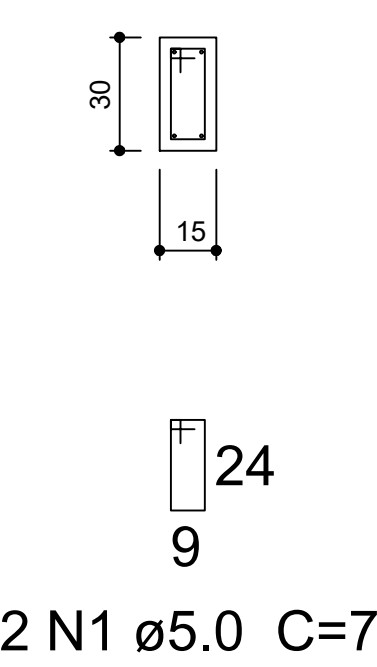
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	38.4	16.7
	10.0	190.1	128.9
CA60	5.0	250.7	42.5
PESO TOTAL (kg)			
CA50	145.6		
CA60	42.5		

Volume de concreto (C-25) = 1.72 m³
Área de forma = 31.61 m²

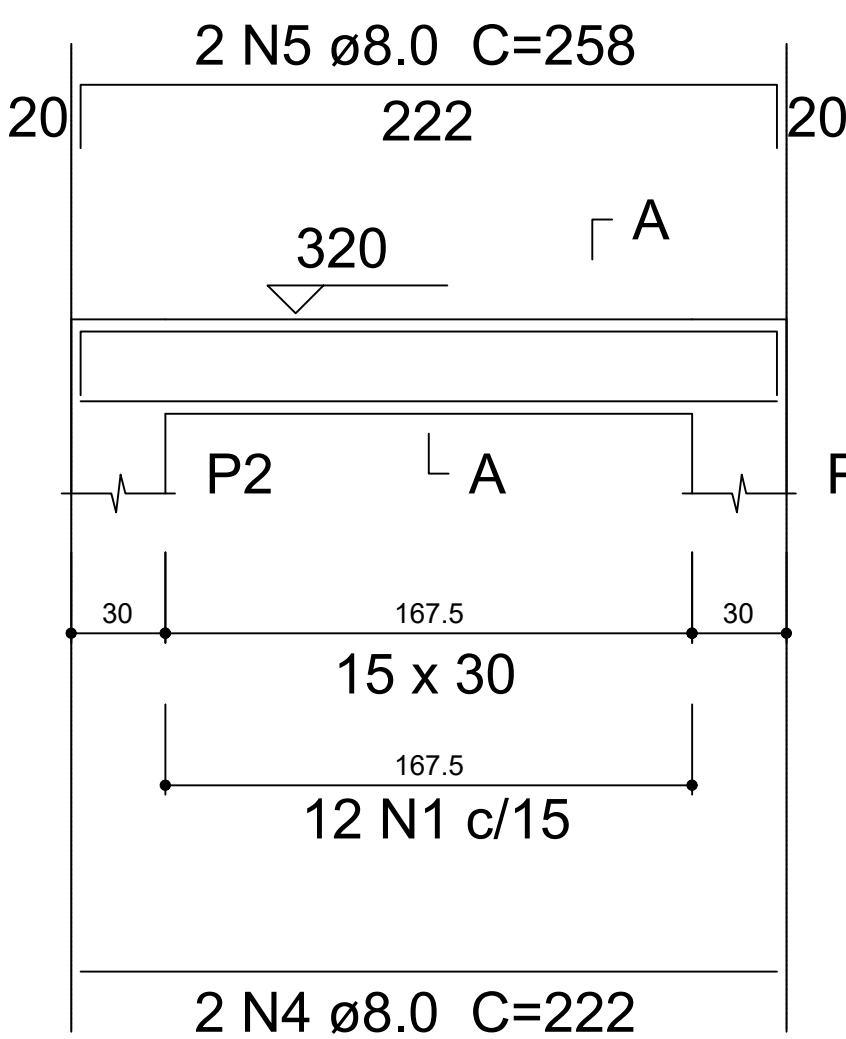
V1
ESC 1:30



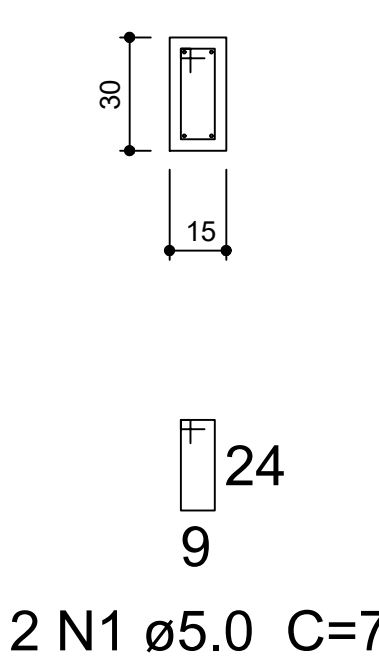
SEÇÃO A-A
ESC 1:25



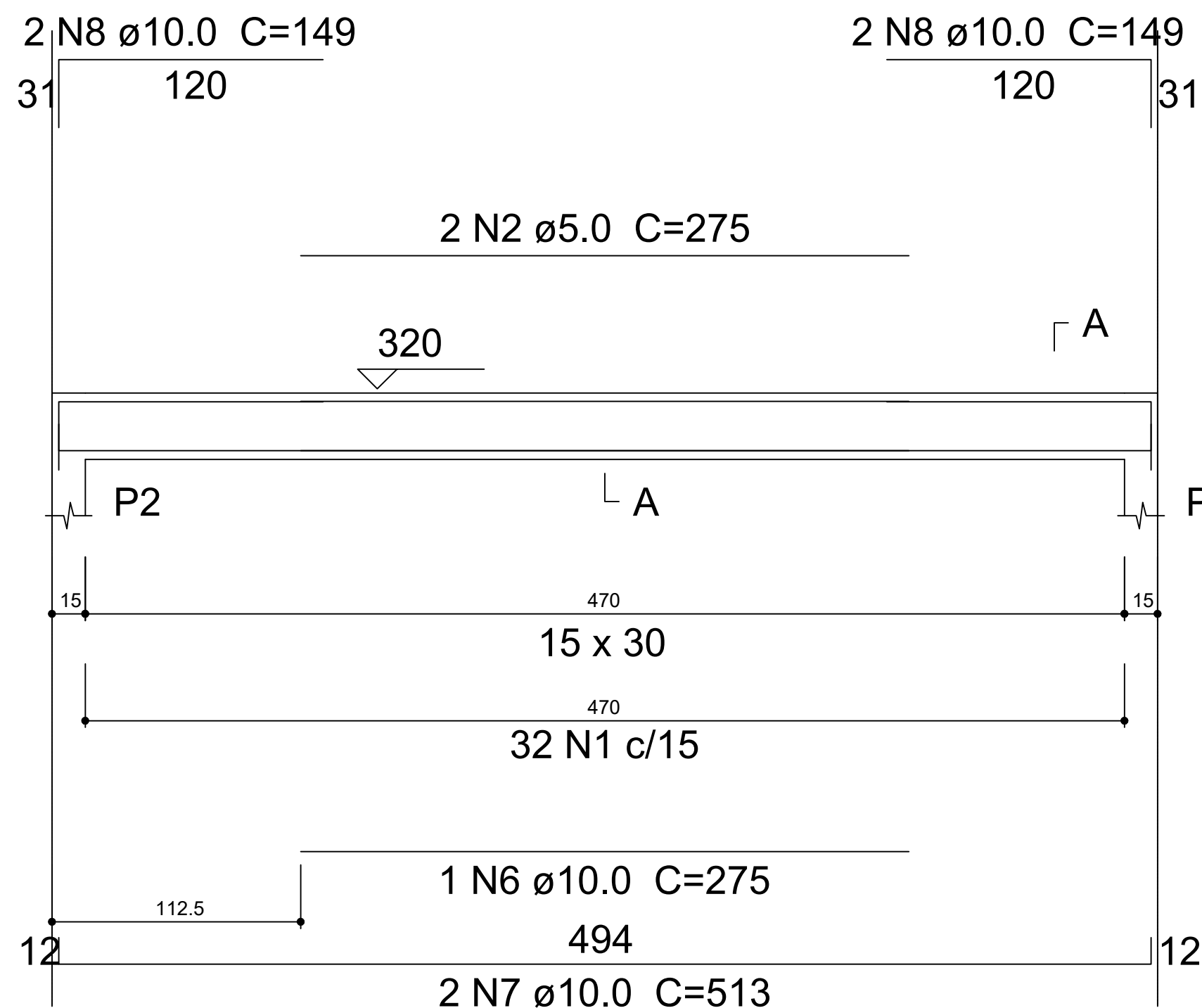
V2
ESC 1:30



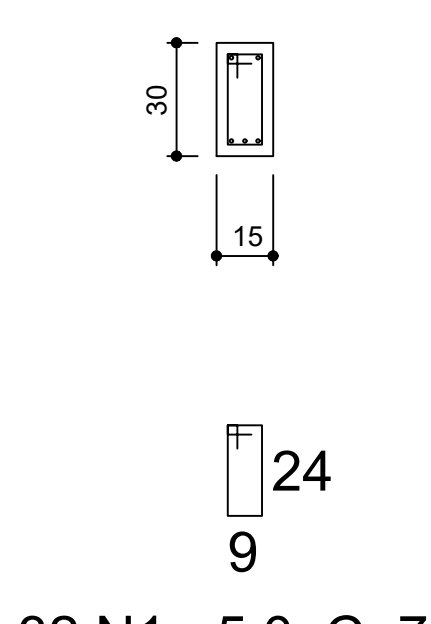
SEÇÃO A-A
ESC 1:25



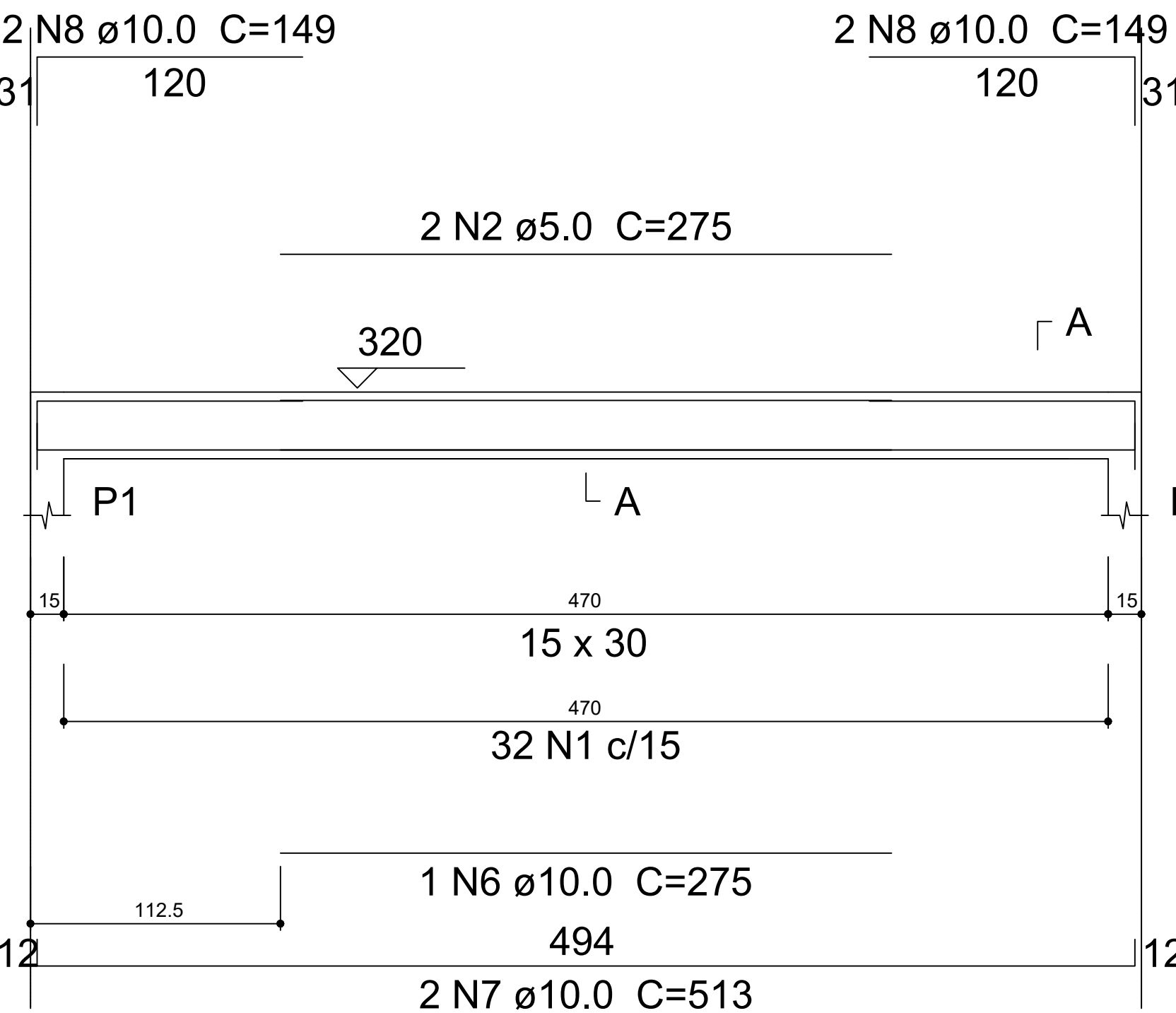
V3
ESC 1:30



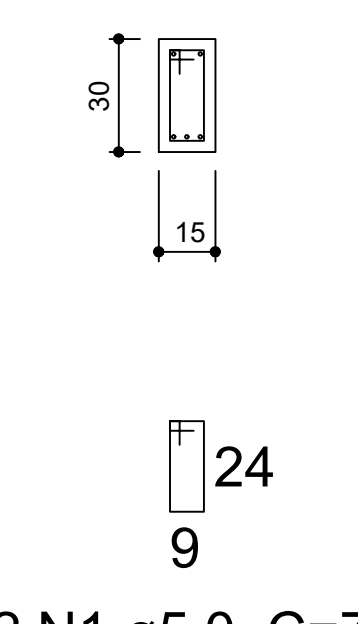
SEÇÃO A-A
ESC 1:25



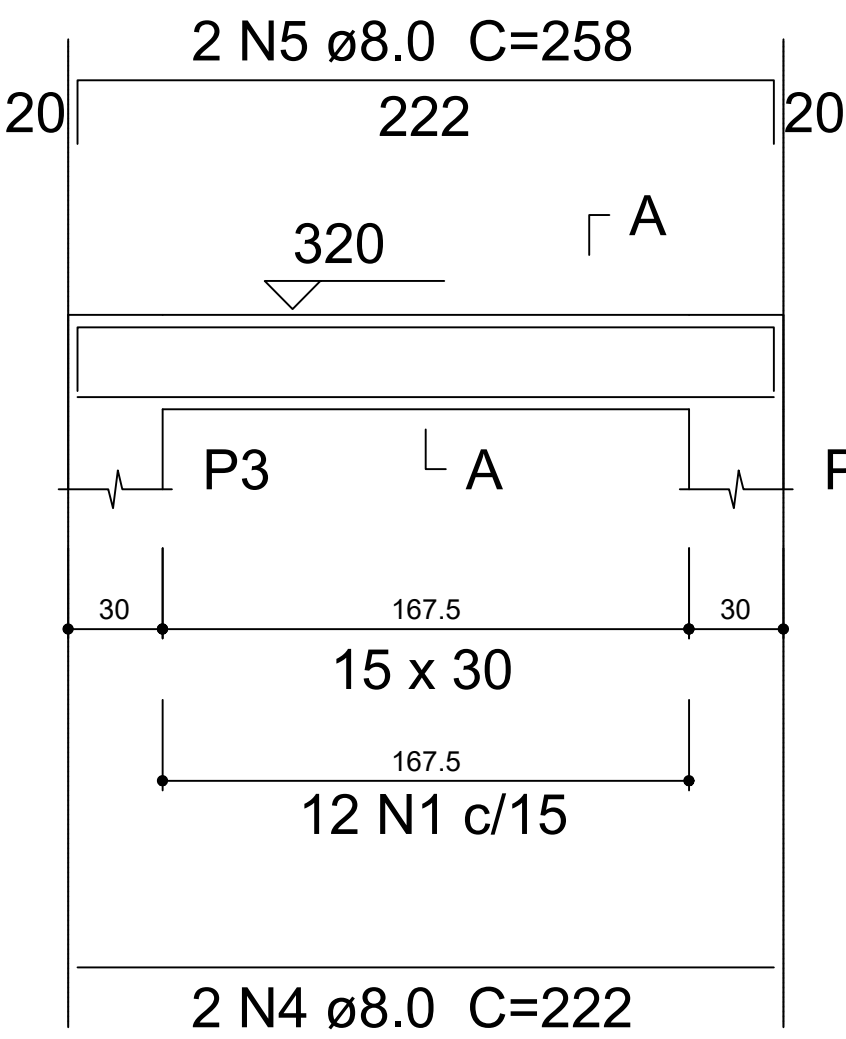
V4
ESC 1:30



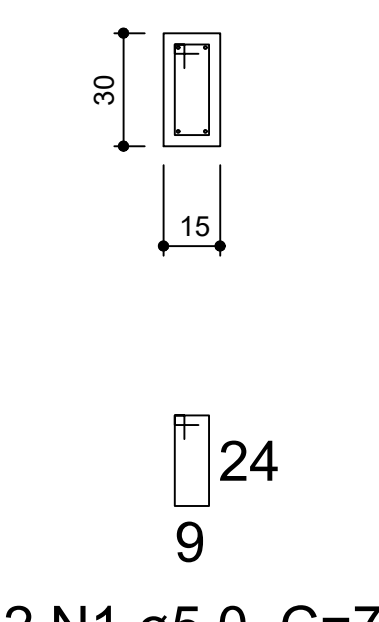
SEÇÃO A-A
ESC 1:25



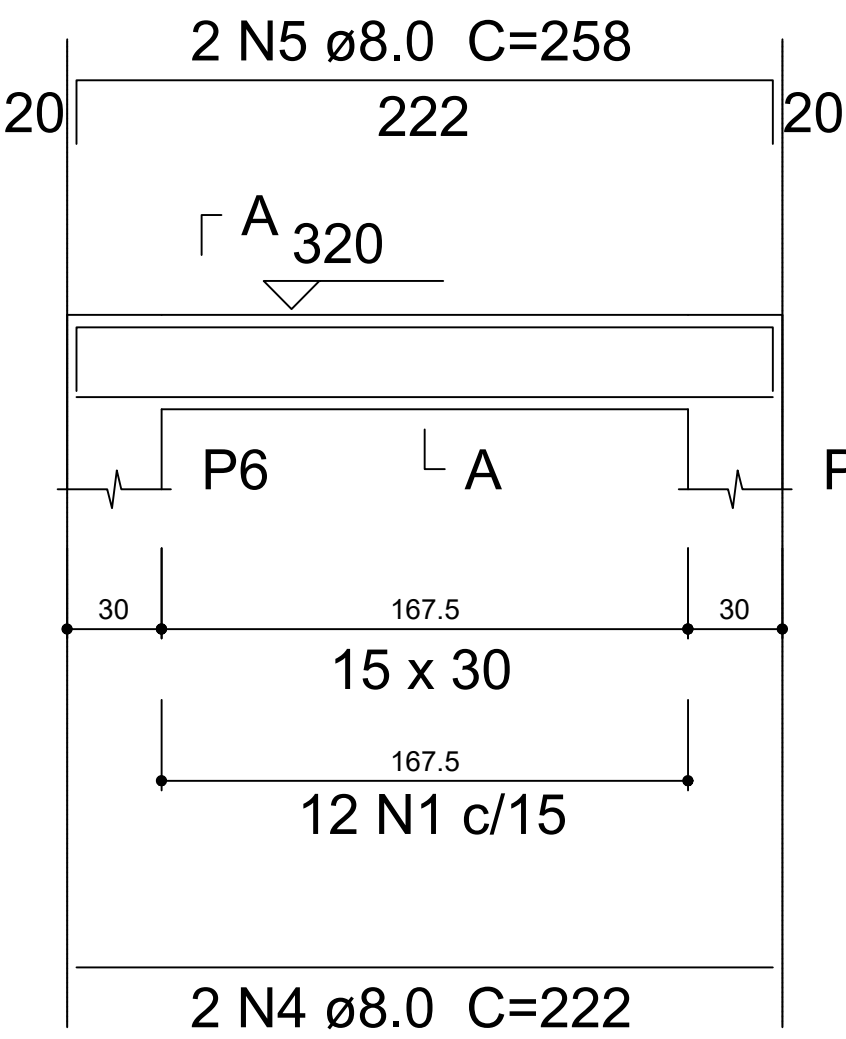
V6
ESC 1:30



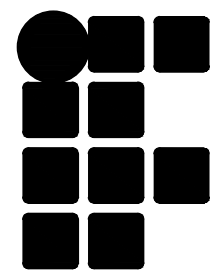
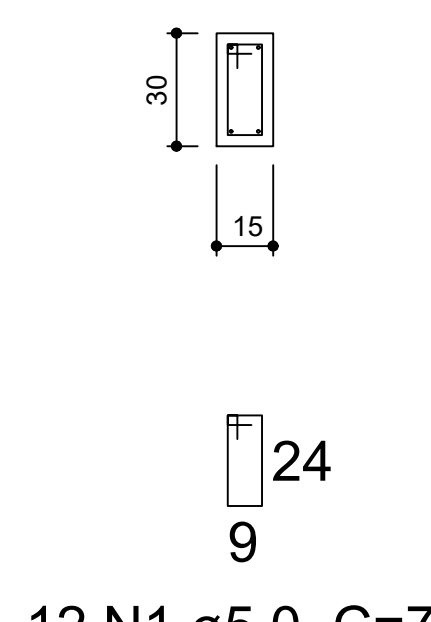
SEÇÃO A-A
ESC 1:25



V7
ESC 1:30



SEÇÃO A-A
ESC 1:25



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Campus Ariquemes

PROJETO CIDADES INTELIGENTES

TÍTULO DO PROJETO:

ESTRUTURAL

TÍTULO DO DESENHO:

ILHAS DIGITAIS

PROFISSIONAL RESPONSÁVEL PELO PROJETO

RAIANY CARVALHO SILVA CREA 20107 D - RO

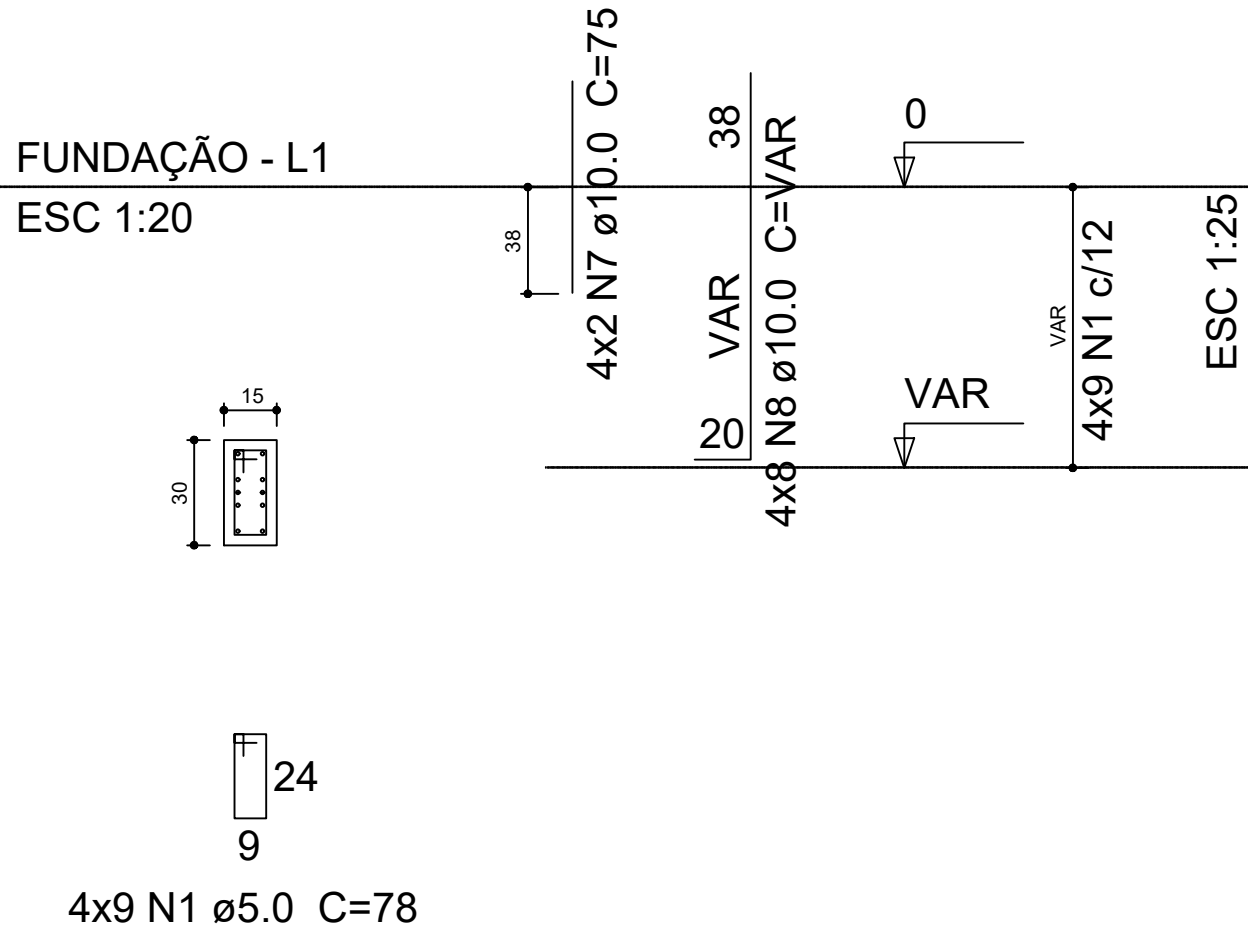
ENDEREÇO DO LOCAL:

INFORMADO NO MEMORIAL DESCRITIVO

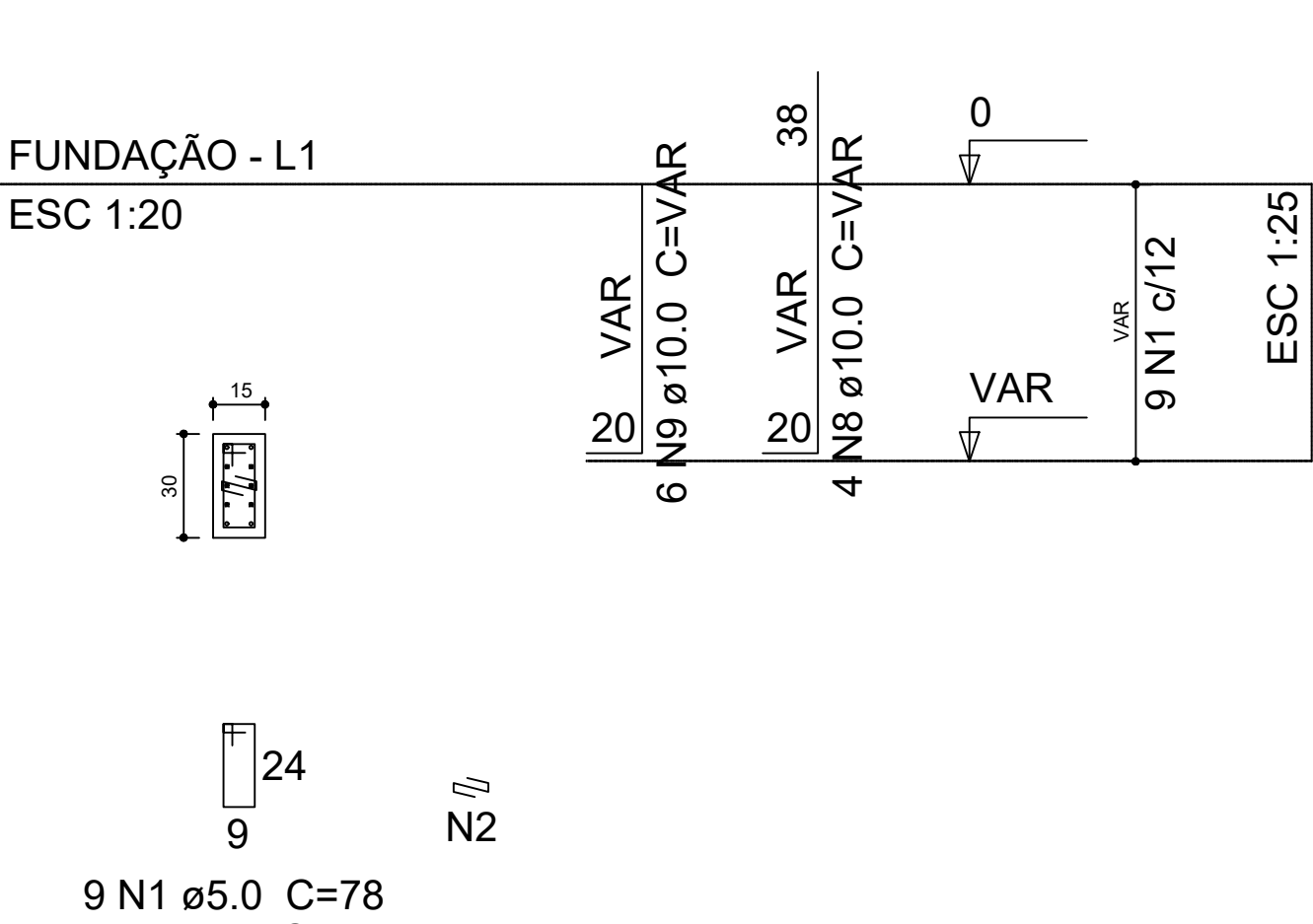
FOLHA:

01/02

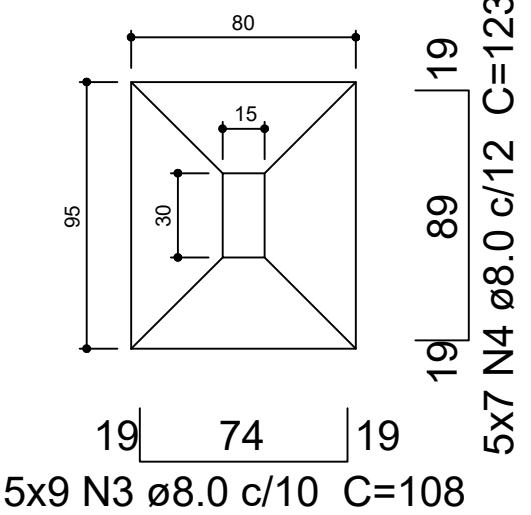
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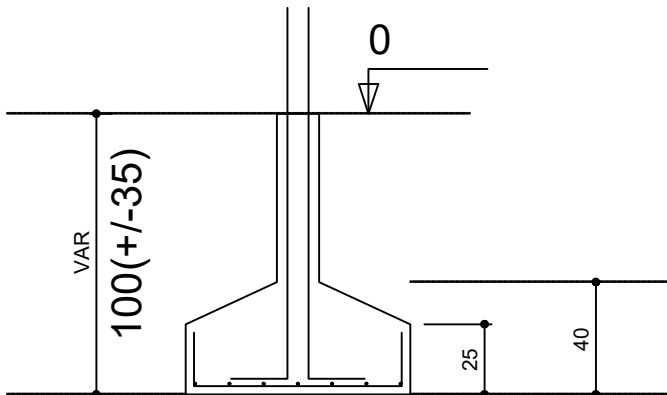
P5



S1=S2=S3=S4=S5
PLANTA
ESC 1:25

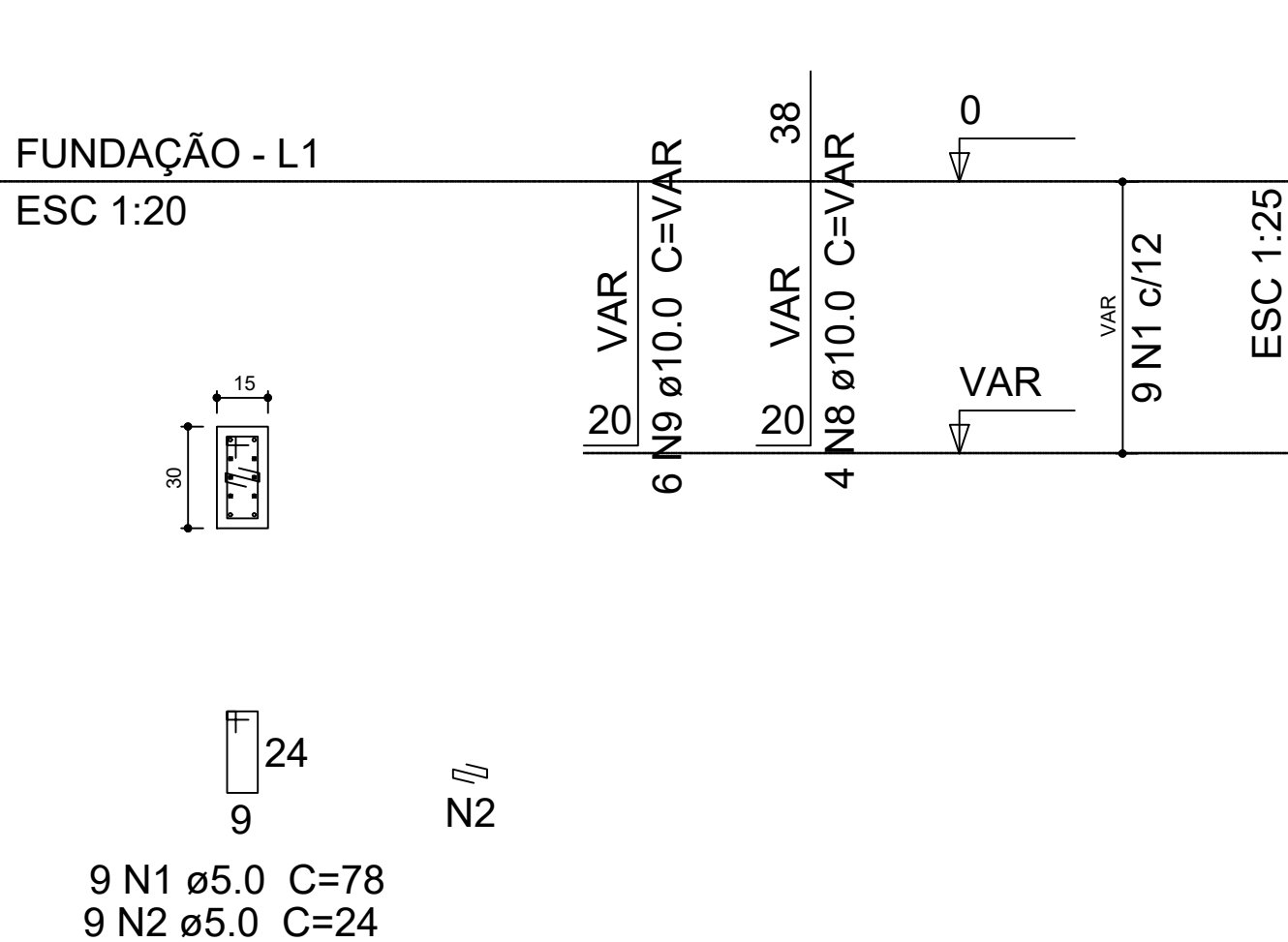


CORTE
ESC 1:25

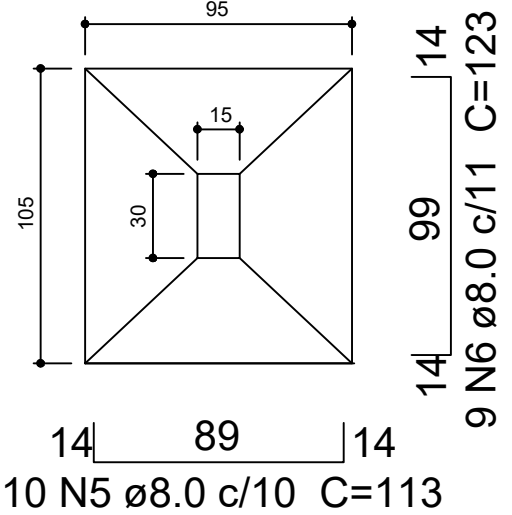


Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

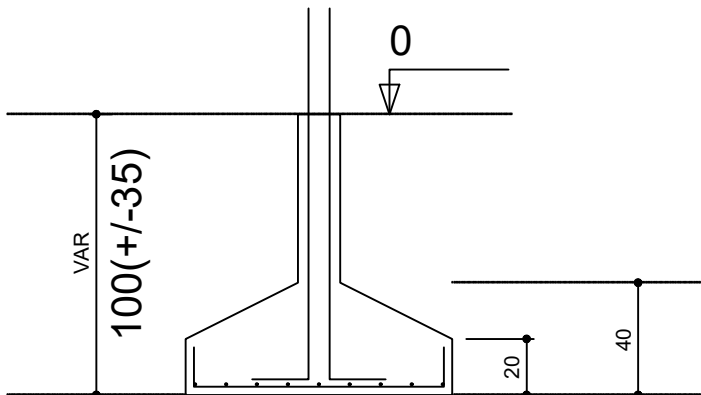
P6



S6
PLANTA
ESC 1:25

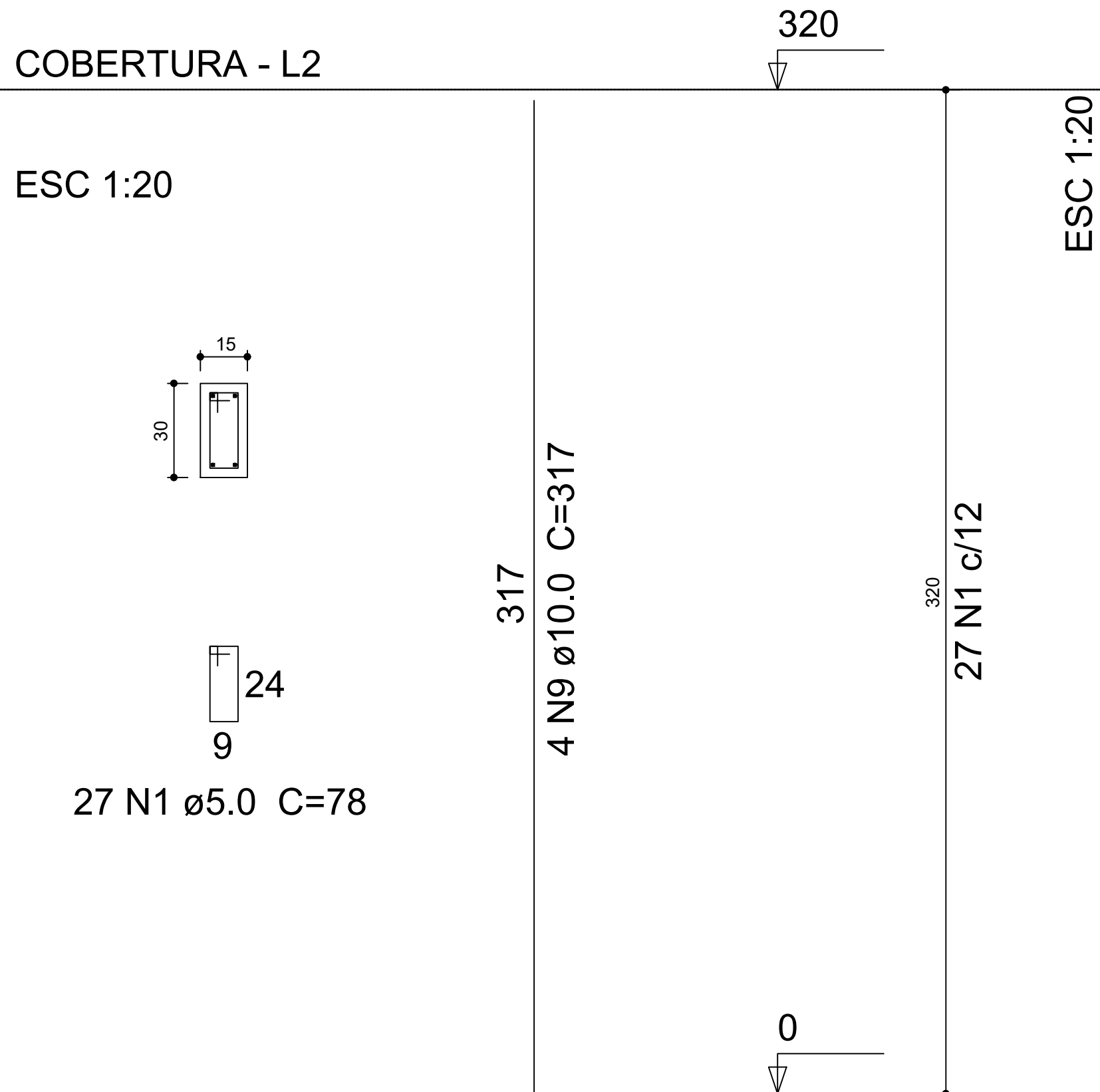
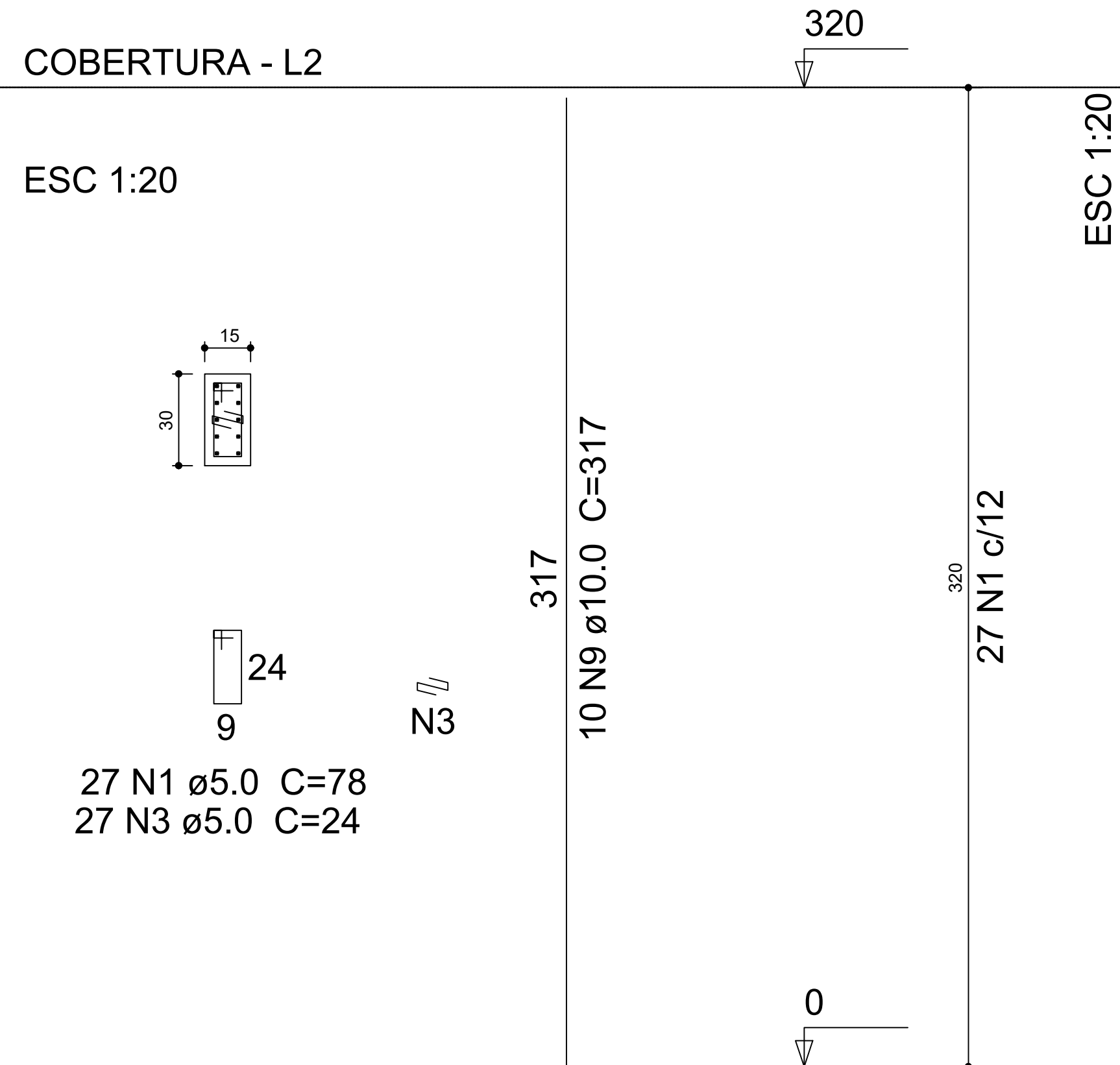


CORTE
ESC 1:25



Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P1=P2=P3=P4



Relação do aço

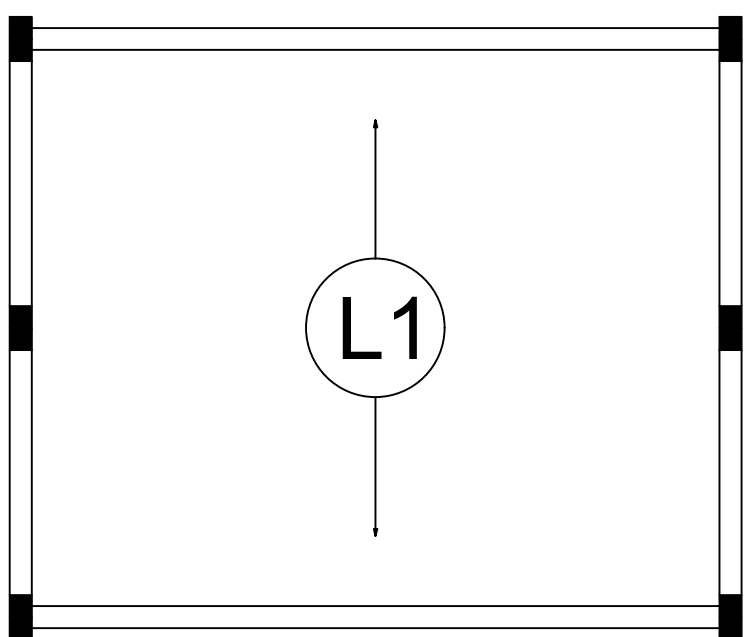
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	54	78	4212
	2	5.0	18	24	432
CA50	3	8.0	45	108	4860
	4	8.0	35	123	4305
	5	8.0	10	113	1130
	6	8.0	9	123	1107
	7	10.0	8	75	600
	8	10.0	40	VAR	VAR
	9	10.0	12	VAR	VAR

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	114.1	49.5
	10.0	82.2	55.7
CA60	5.0	46.5	7.9
PESO TOTAL (kg)			
CA50	105.2		
CA60	7.9		

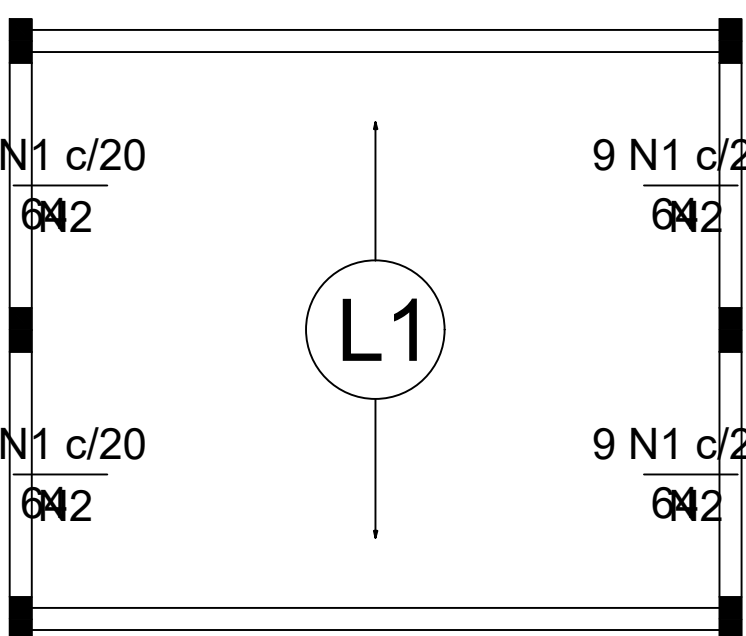
Volume de concreto (C-25) = 1.75 m³
Área de forma = 10.58 m²

Armação positiva das lajes do pavimento Cobertura (Eixo Y)



escala 1:50

Armação negativa das lajes do pavimento Cobertura (Eixo X)



escala 1:50

Ferros de distribuição	Armadura de distribuição
N1	4 N2 ø5.0 c/20 C=186
N1	4 N2 ø5.0 c/20 C=186
N1	4 N2 ø5.0 c/20 C=186
N1	4 N2 ø5.0 c/20 C=186

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA60	5.0	122.4	20.7
PESO TOTAL (kg)			
CA60	20.7		

Relação do aço

Negativos X

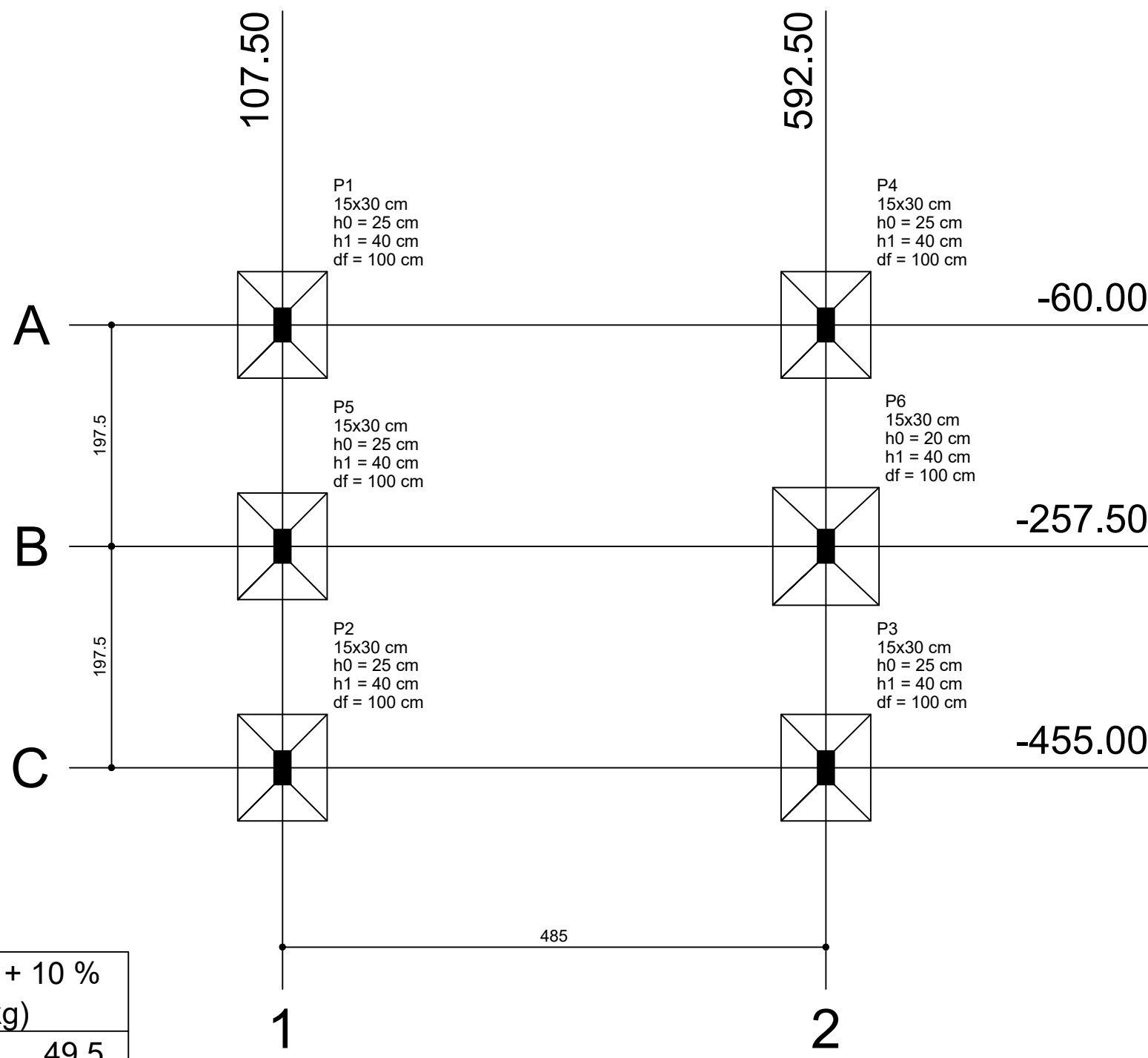
Negativos Y

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	84	64	5376
	2	5.0	16	186	2976
	3	5.0	8	485	3880

Ferros de distribuição	Armadura de distribuição
N1	4 N3 ø5.0 c/20 C=485
N1	4 N3 ø5.0 c/20 C=485

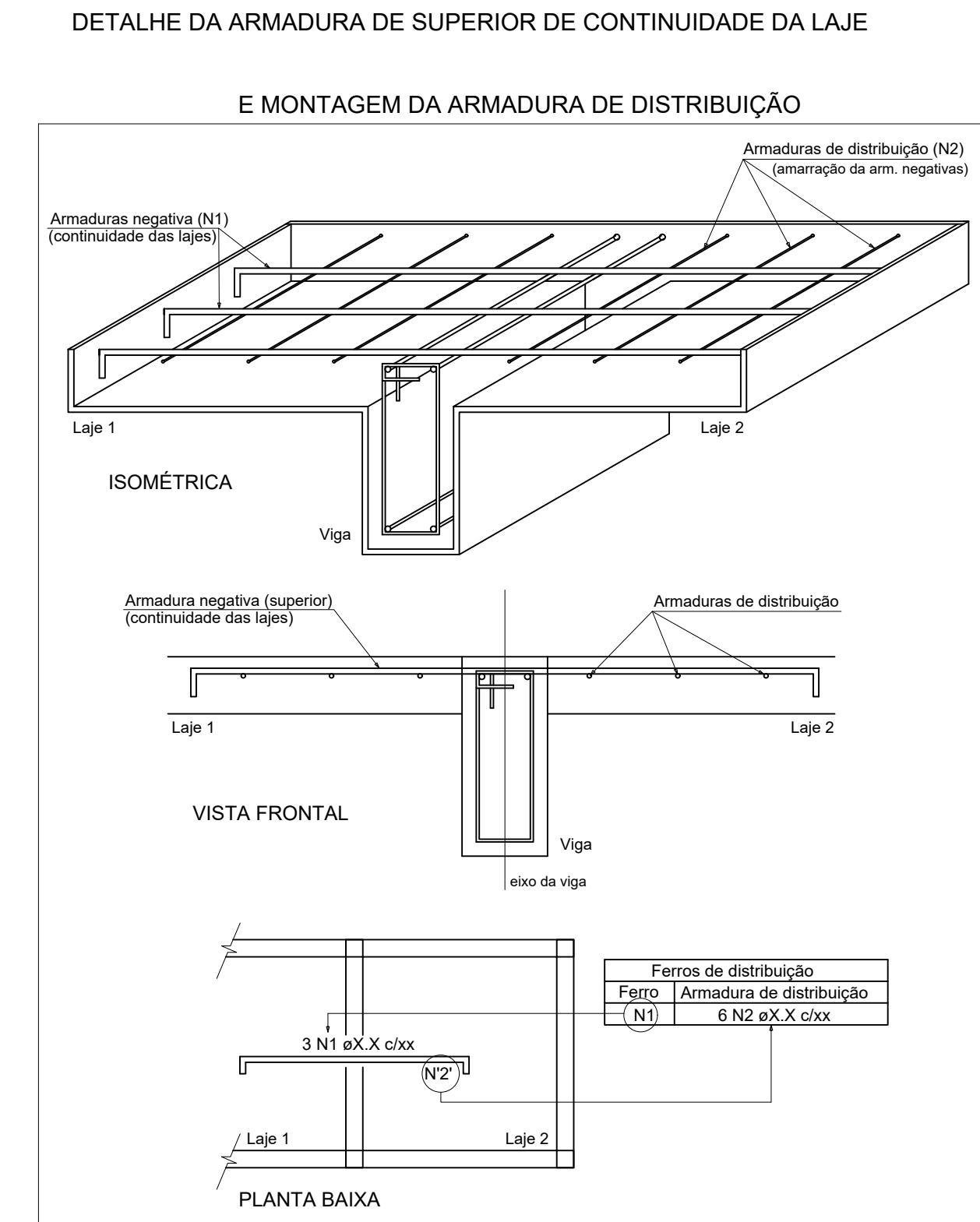
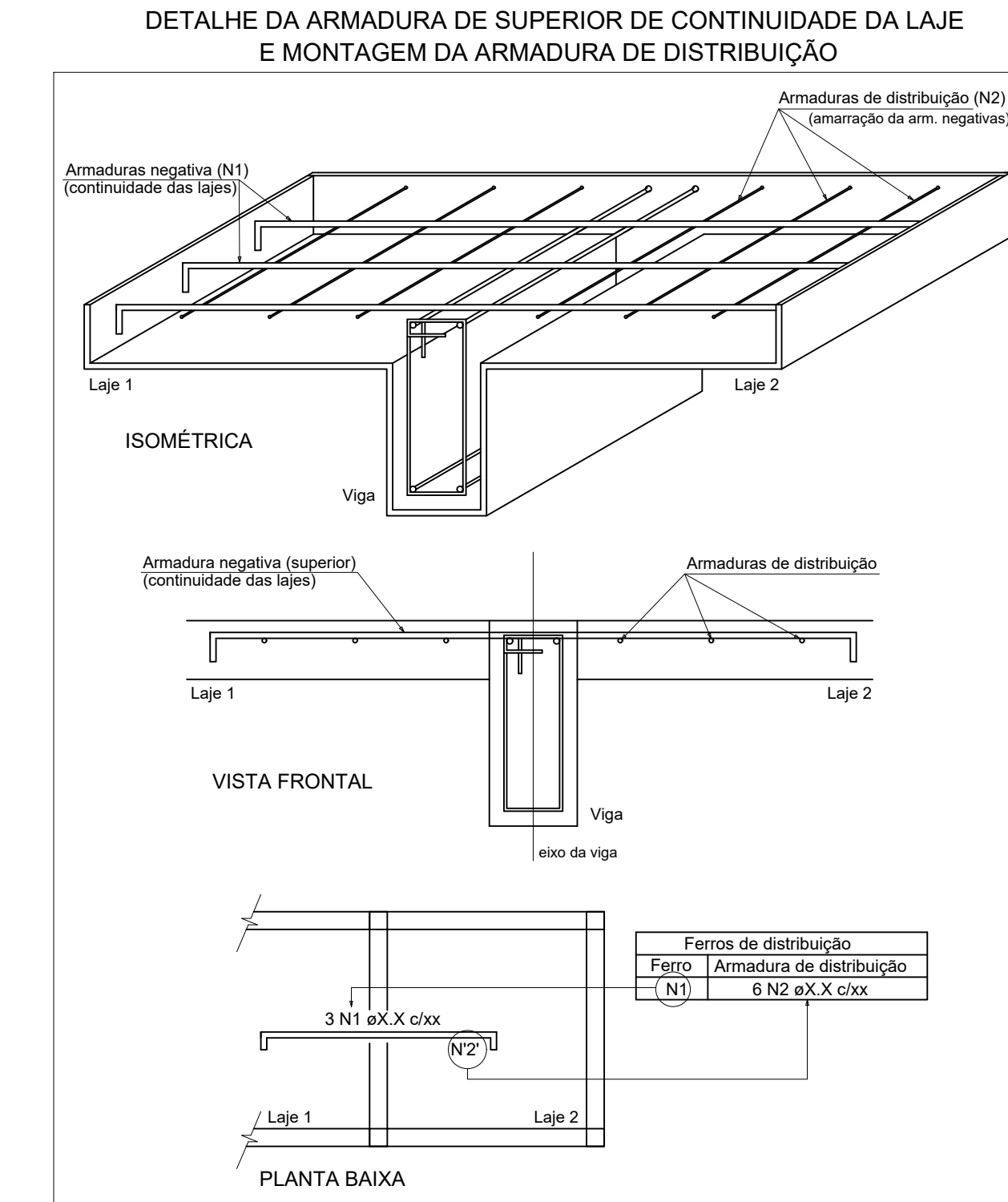
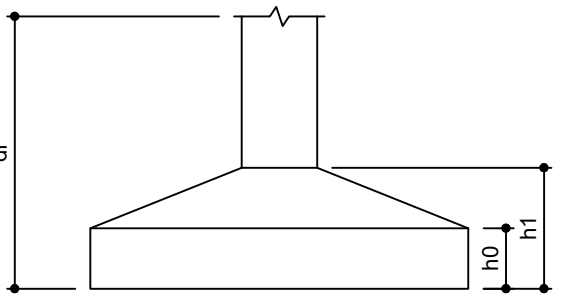
Armação negativa das lajes do pavimento Cobertura (Eixo Y)

escala 1:50



Planta de locação
escala 1:50

Pilar		Fundação		Lado B		Lado H		h0 / ha		h1 / h0		df	
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Max. (t)	Carga Min. (t)	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / h0 (cm)	h1 / h0 (cm)	df (cm)	df (cm)	df (cm)
P1	15x30	107.50	-60.00	5.5	5.1	80	95	25	40	100			
P2	15x30	107.50	-455.00	5.5	5.1	80	95	25	40	100			
P3	15x30	592.50	-455.00	5.3	4.9	80	95	25	40	100			
P4	15x30	592.50	-60.00	5.3	4.9	80	95	25	40	100			
P5	15x30	107.50	-257.50	4.6	4.4	80	95	25	40	100			
P6	15x30	592.50	-257.50	4.1	3.9	95	105	20	40	100			



Locação no eixo X		Locação no eixo Y	
Coordenadas (cm)	Nome	Coordenadas (cm)	Nome
107.50	P1, P5, P2	-60.00	P1, P4
592.50	P4, P6, P3	-257.50	P6, P6
		-455.00	P2, P3

Planta de vigotas pré-moldadas
escala 1:50

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ENDEREÇO DO LOCAL:

INFORMADO NO MEMORIAL DESCRITIVO

FOLHA:

02/02