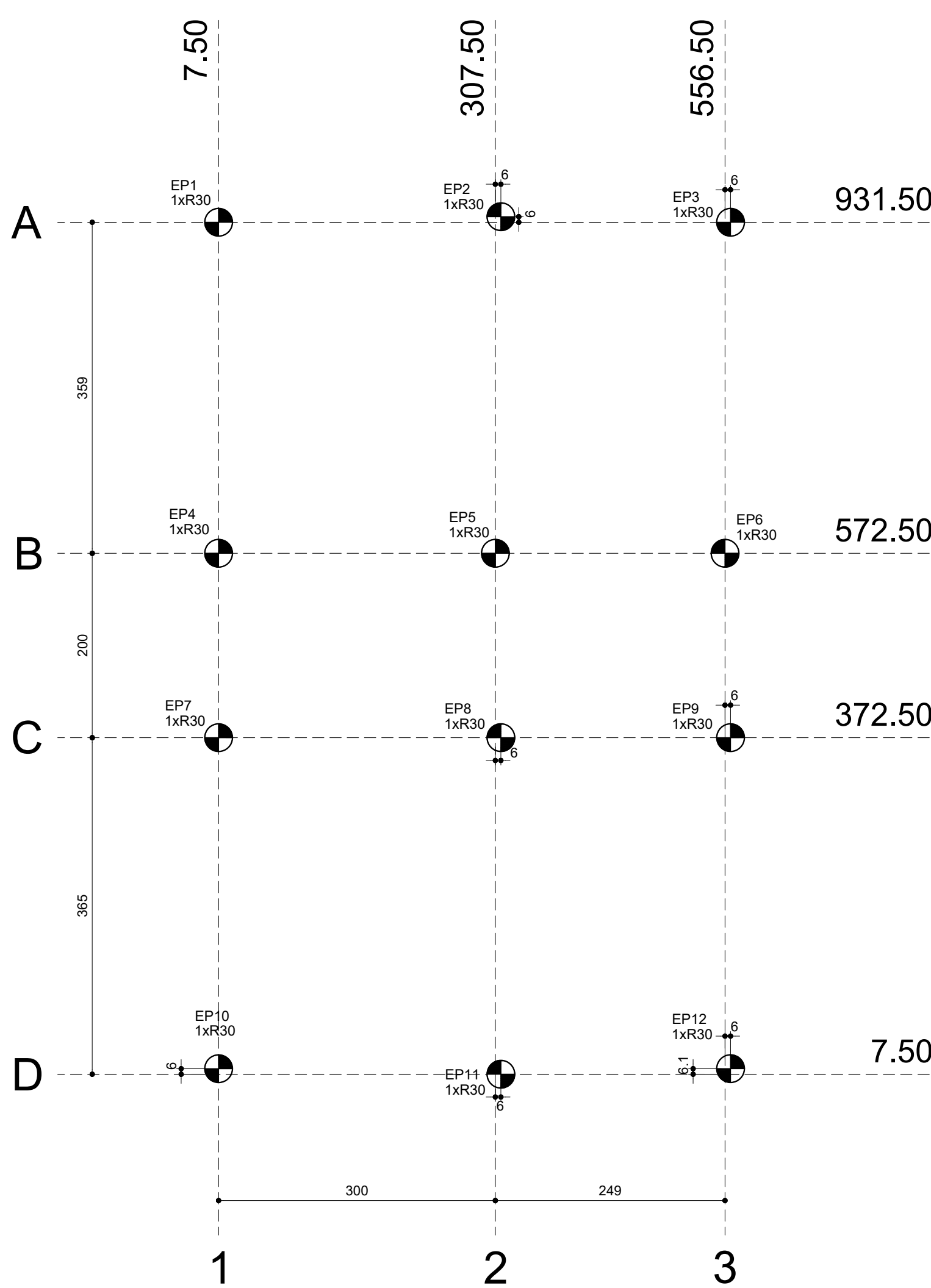




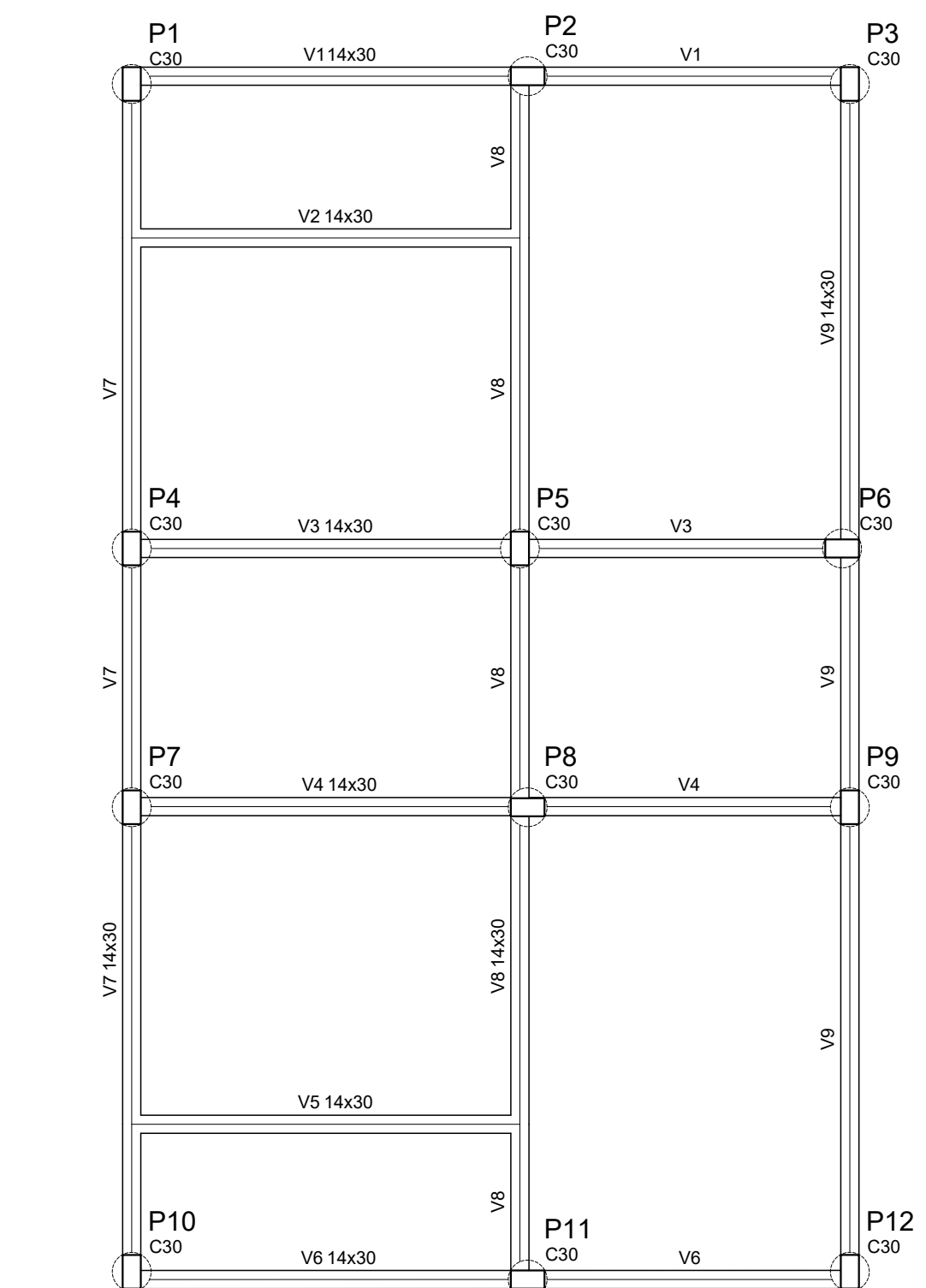
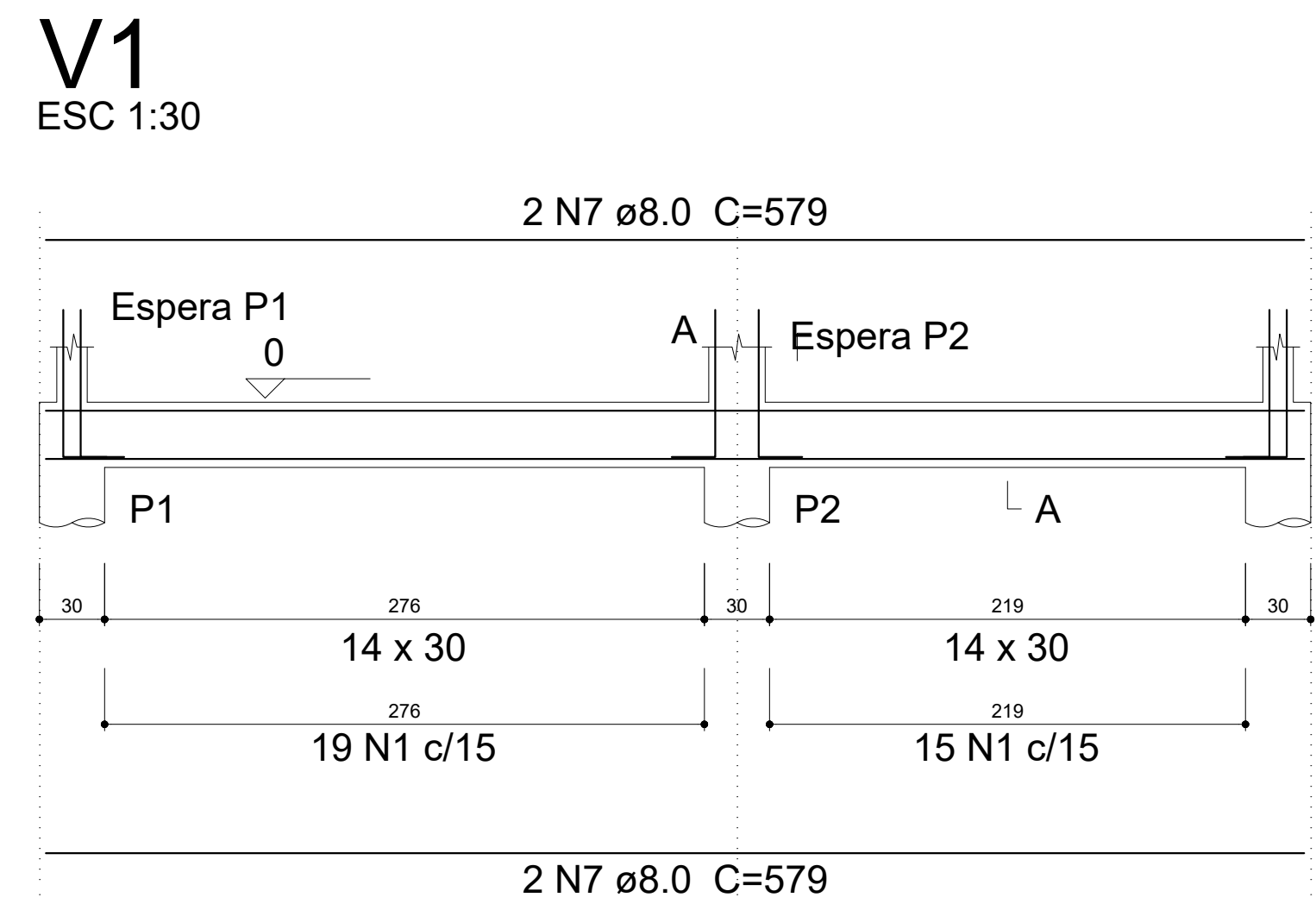
Planta de locação
escala 1:50

Estacas							
Simbologia	Nome	d (cm)	Quantidade	Longitudinal	Transversal	Cobrimto	Profundidade
	R30	30.00	12	4 x Ø10	17 x Ø6.3 C=34	3 cm	200 cm

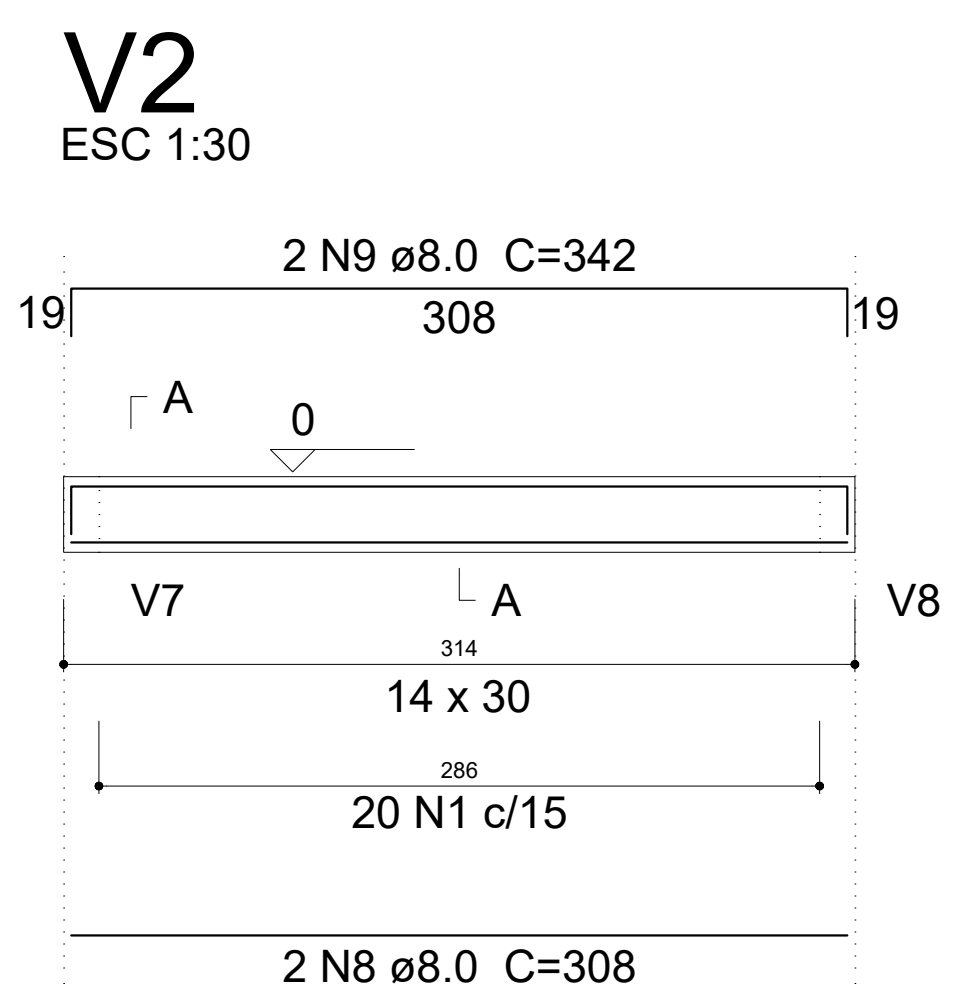
Pilar					
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (tf)	Carga Mín. (tf)
P1	-	7.50	931.50	3.4	2.8
P2	-	313.50	931.50	4.7	4.3
P3	-	562.50	931.50	3.1	2.4
P4	-	7.50	572.50	3.0	2.5
P5	-	307.50	572.50	4.9	4.2
P6	-	566.50	572.50	4.7	4.0
P7	-	7.50	372.50	3.0	2.5
P8	-	313.50	372.50	5.2	4.6
P9	-	562.50	372.50	4.4	3.6
P10	-	7.50	13.50	2.9	2.3
P11	-	313.50	7.50	4.8	4.3
P12	-	562.50	13.55	3.1	2.4

Locação no eixo X	
Coordenadas (cm)	Nome
7.50	P1, P4, P7, P10
307.50	P5
313.50	P2, P8, P11
566.50	P6
562.50	P3, P9, P12

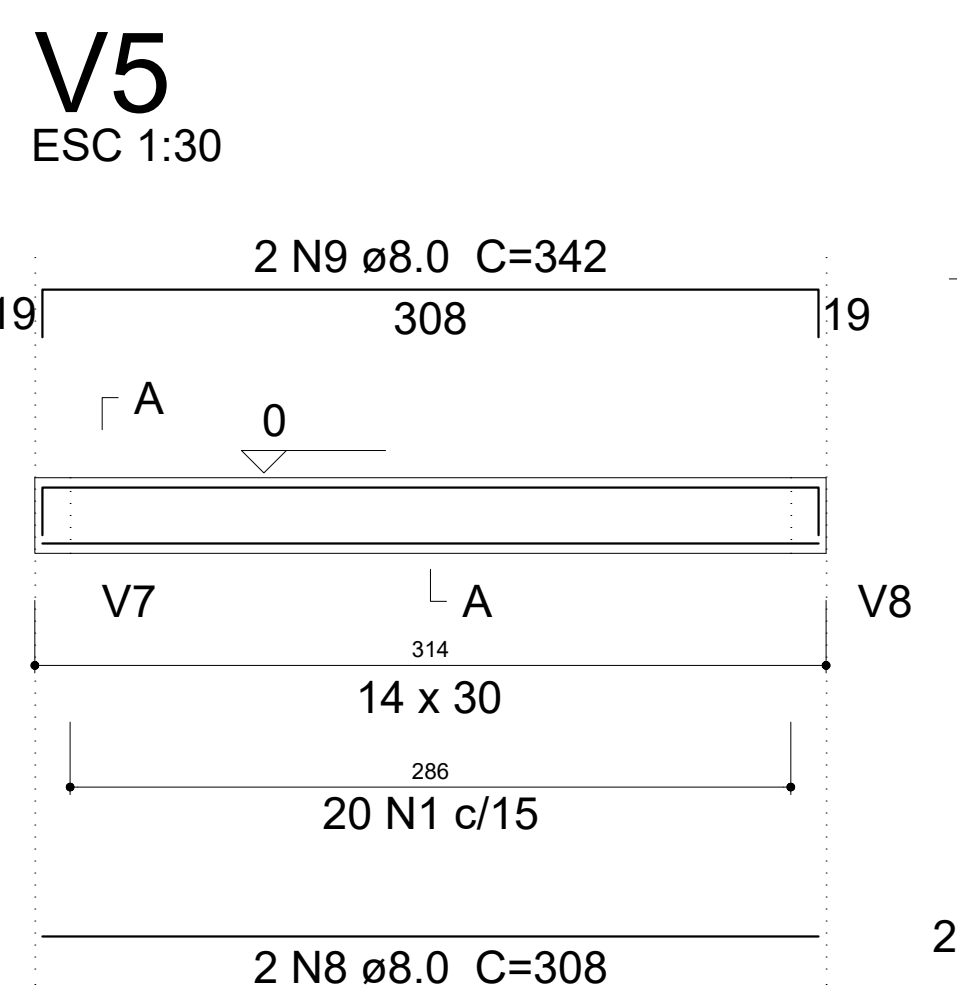
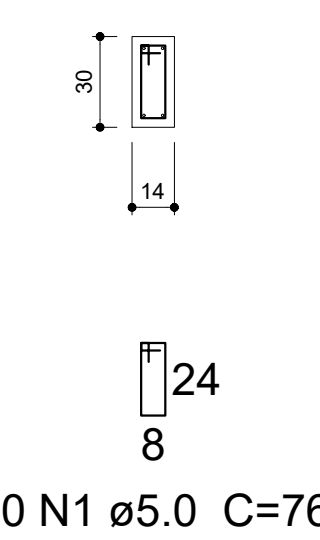
Locação no eixo Y	
Coordenadas (cm)	Nome
937.50	P2
931.50	P1, P3
572.50	P4, P5, P6
372.50	P7, P8, P9
13.55	P12
13.50	P10
7.50	P11



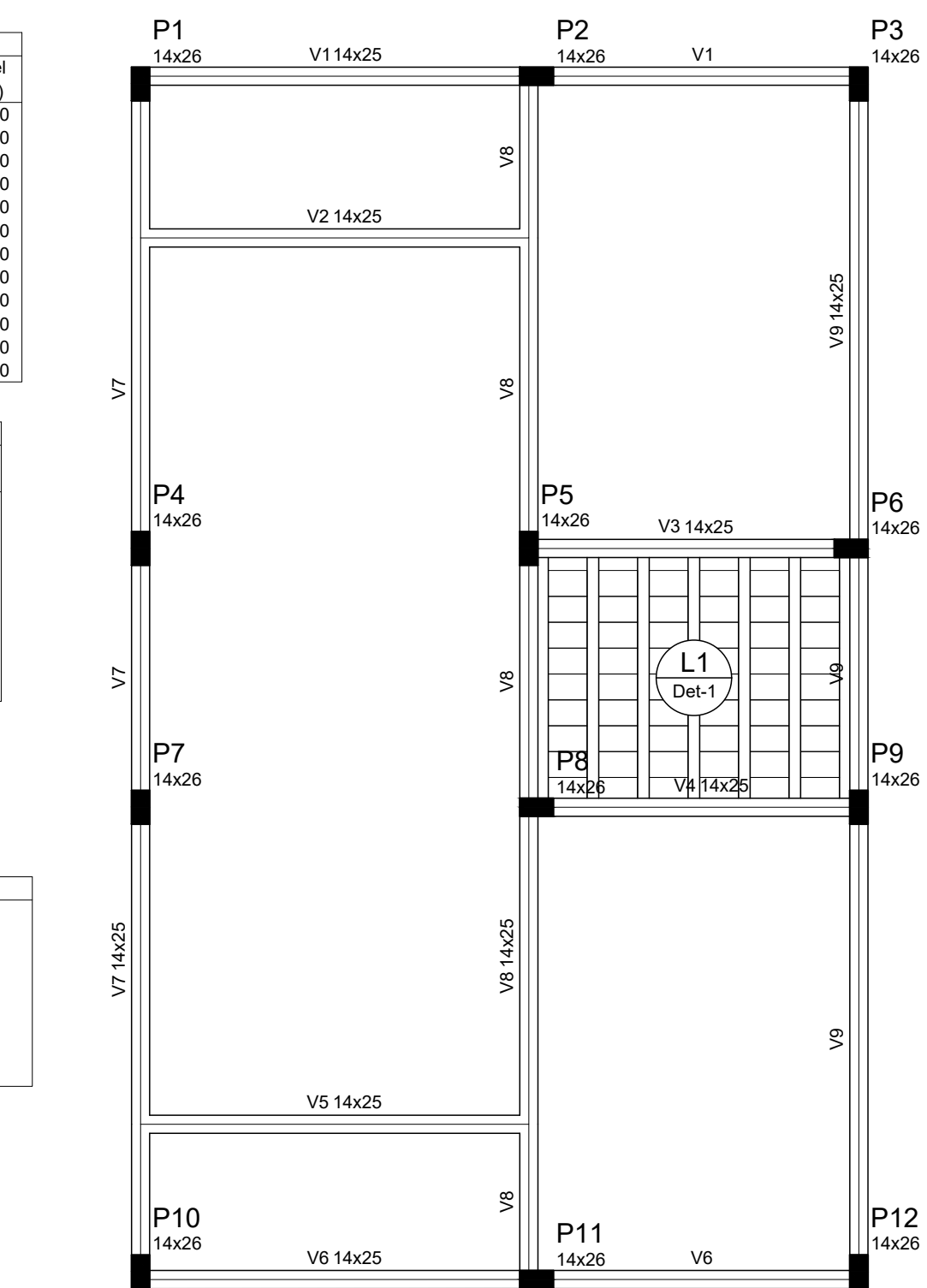
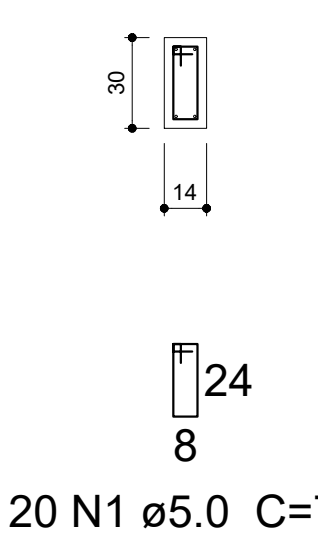
Forma do pavimento Fundação
escala 1:50



SEÇÃO A-A
ESC 1:25



SEÇÃO A-A
ESC 1:25



Forma do pavimento Cobertura
escala 1:50

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	14 x 26	0	273
P2	14 x 26	0	273
P3	14 x 26	0	273
P4	14 x 26	0	273
P5	14 x 26	0	273
P6	14 x 26	0	273
P7	14 x 26	0	273
P8	14 x 26	0	273
P9	14 x 26	0	273
P10	14 x 26	0	273
P11	14 x 26	0	273
P12	14 x 26	0	273

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	14x25	0	273
V2	14x25	0	273
V3	14x25	0	273
V4	14x25	0	273
V5	14x25	0	273
V6	14x25	0	273
V7	14x25	0	273
V8	14x25	0	273
V9	14x25	0	273

Lajes						
Dados				Sobrecarga (tf/m²)		
Nome	Tipo	Altura (cm)	Elevação (cm)	Nível (cm)	Adicional	Acidental
L1	Treliçada 1D	12	0	273	0.50	0.10

Blocos de enchimento				
Detalhe	Tipo	Nome	Dimensões(cm)	Quantidade
1	Lajota cerâmica	B8/30/20	8 30 20	54

Legenda dos Pilares

Pilar que morre

Pilar que passa

Pilar que nasce

Pilar com mudança de seção

Detalhe 1 (esc. 1:30)

9

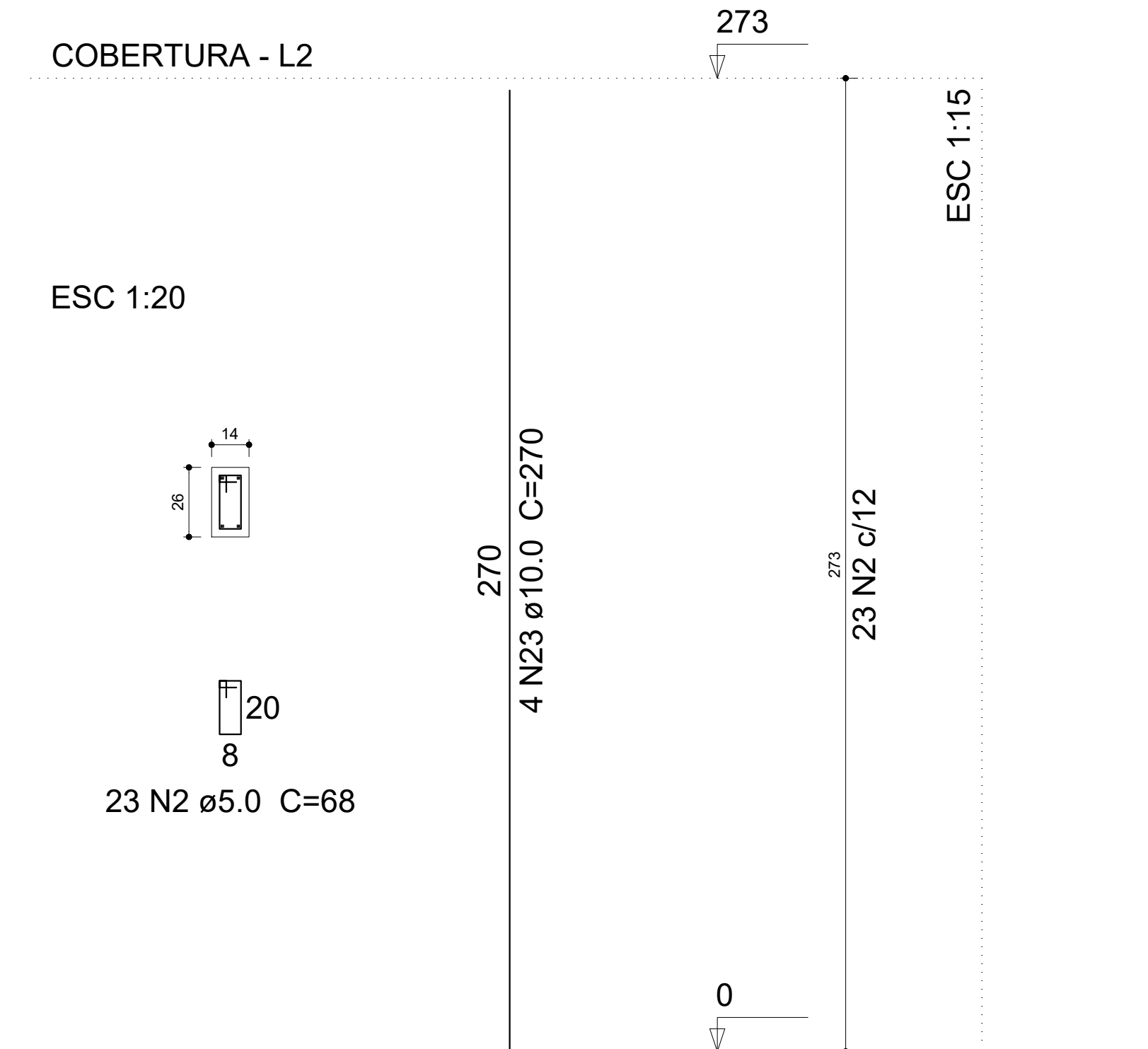
30

9

3

6

P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P11=P12



Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 10 % (Barras)	PESO + 10 % (kg)
CA50	8.0	402.9	37	174.8
CA60	10.0	210.3	20	142.6
CA60	5.0	765	71	129.7
PESO TOTAL (kg)				
CA50	317.5			
CA60	129.7			

Volume de concreto (C-25) = 5.43 m³
Área de forma = 102.13 m²

PREFEITURA MUNICIPAL DE ESPUMOSO
DEPARTAMENTO DE ENGENHARIA

PROPRIETÁRIO
Município de Espumoso
ENDEREÇO
Loteamento São Valentim II - Espumoso - RS

DATA
Maio/2025
ESCALA
Indicada

NOME DA OBRA
Estrutural de Casas Interesse Social

Matrícula do Terreno
Matrícula nº 13.314

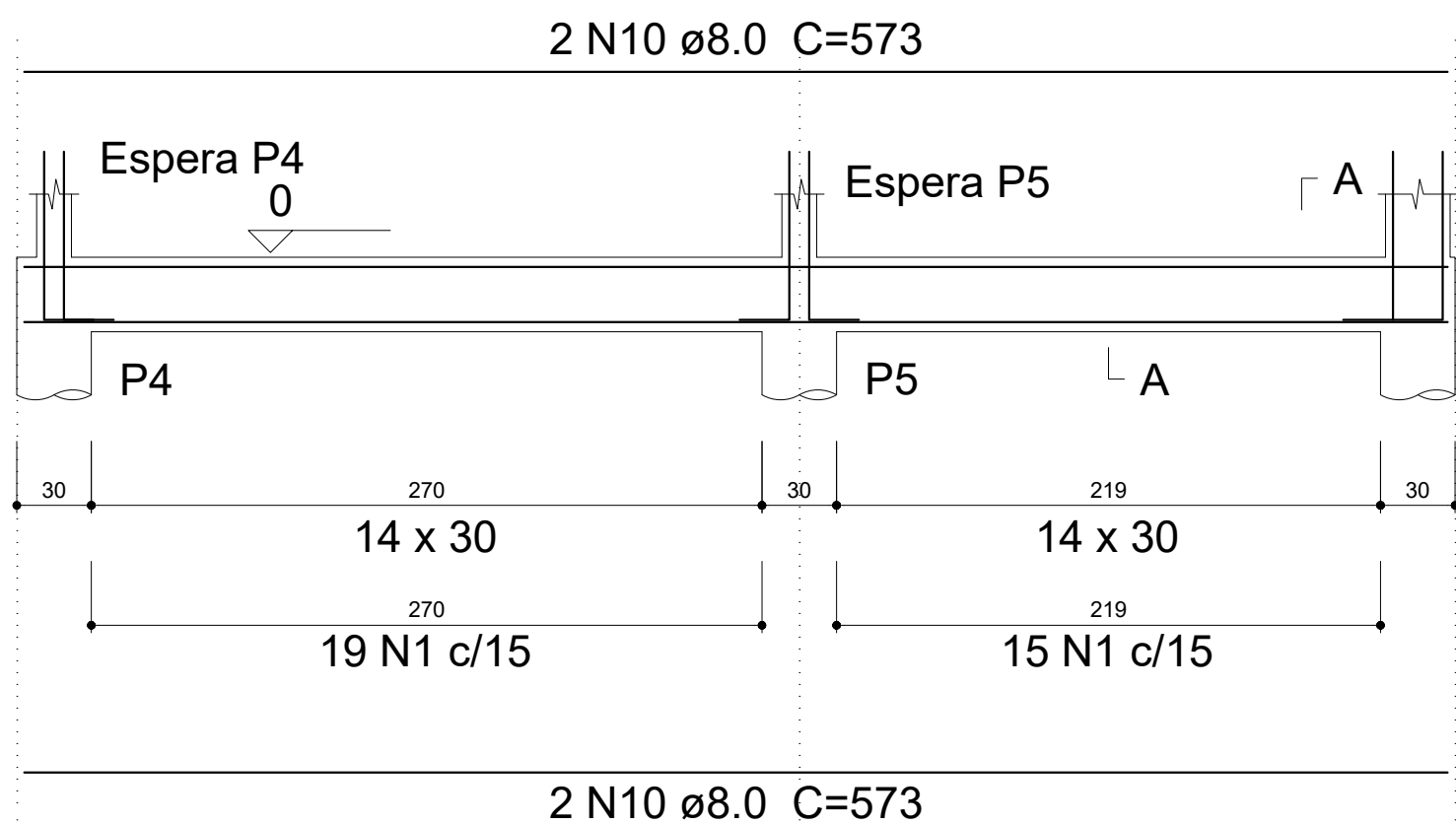
PROPRIETÁRIO

RESPONSÁVEL TÉCNICO

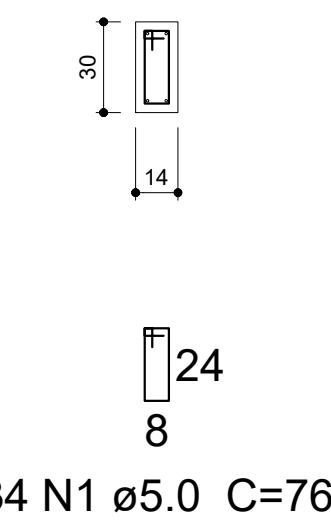
PRANCHA
1/3

V3

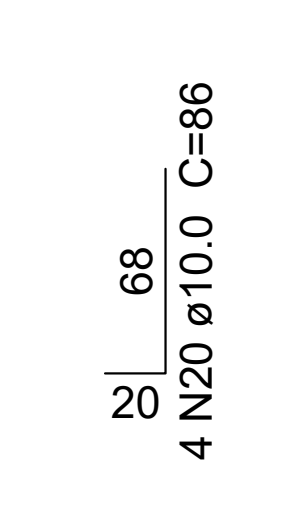
ESC 1:30



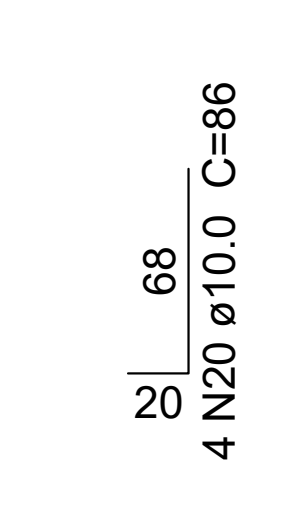
SEÇÃO A-A
ESC 1:25



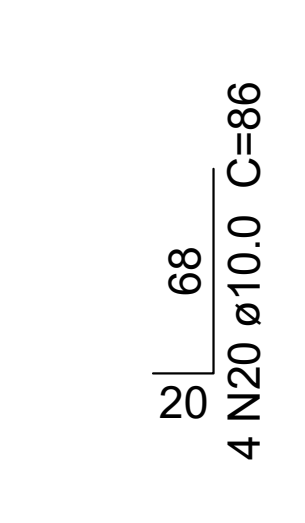
ESPERA P4
ESC 1:25



ESPERA P5
ESC 1:25

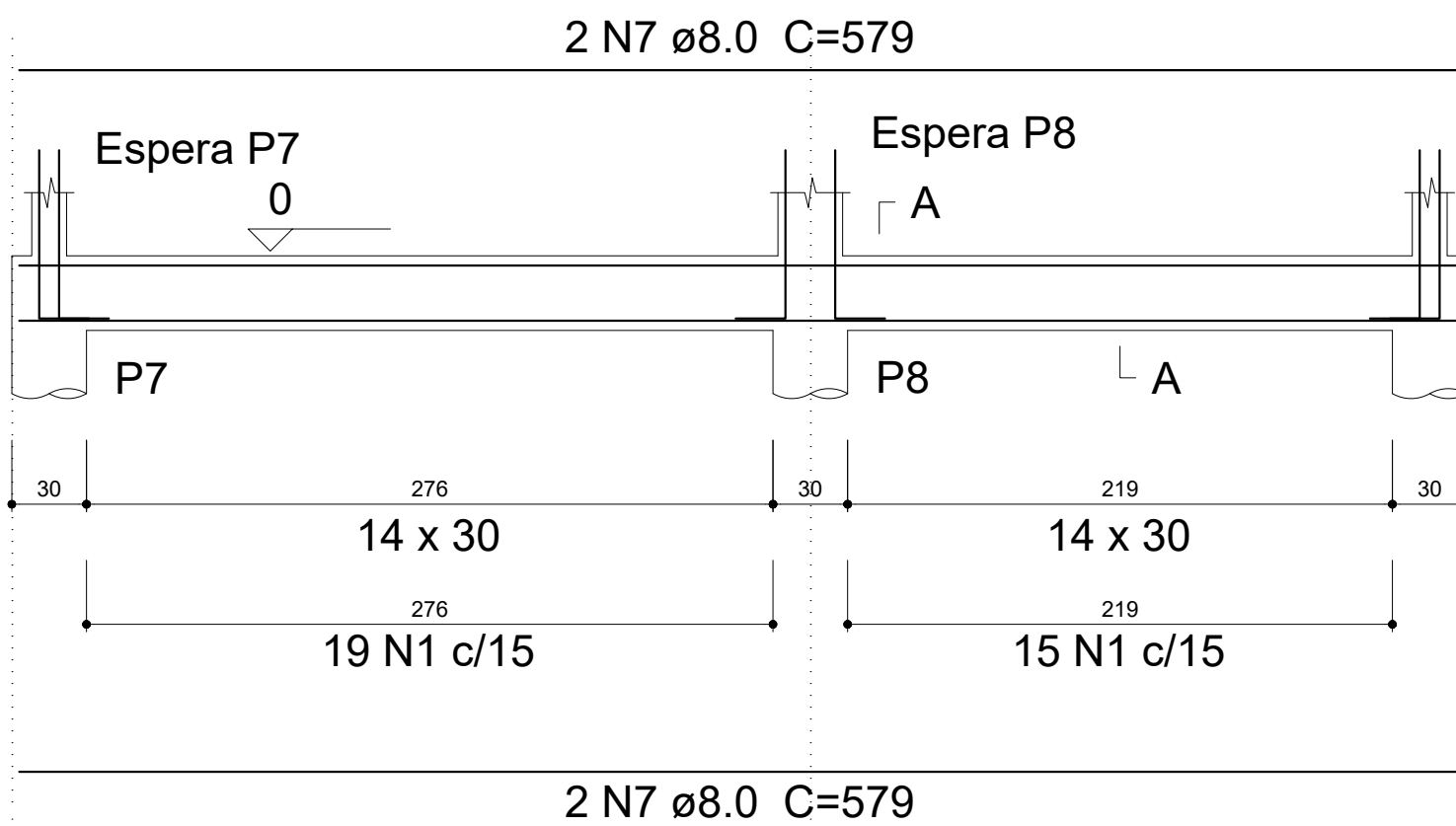


ESPERA P6
ESC 1:25

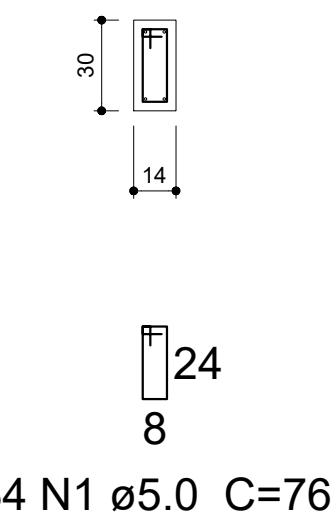


V4

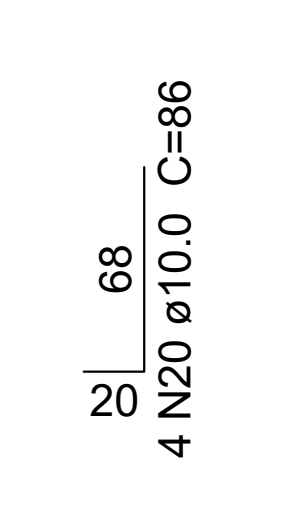
ESC 1:30



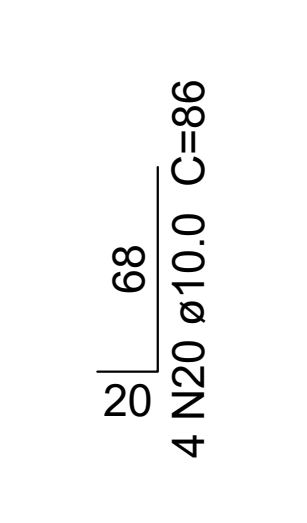
SEÇÃO A-A
ESC 1:25



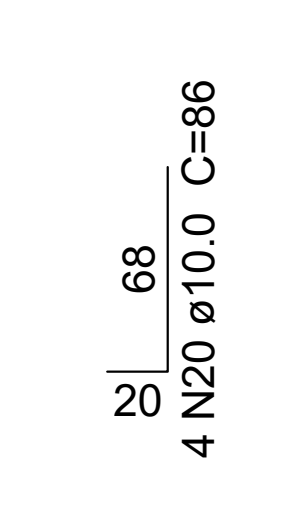
ESPERA P7
ESC 1:25



ESPERA P8
ESC 1:25

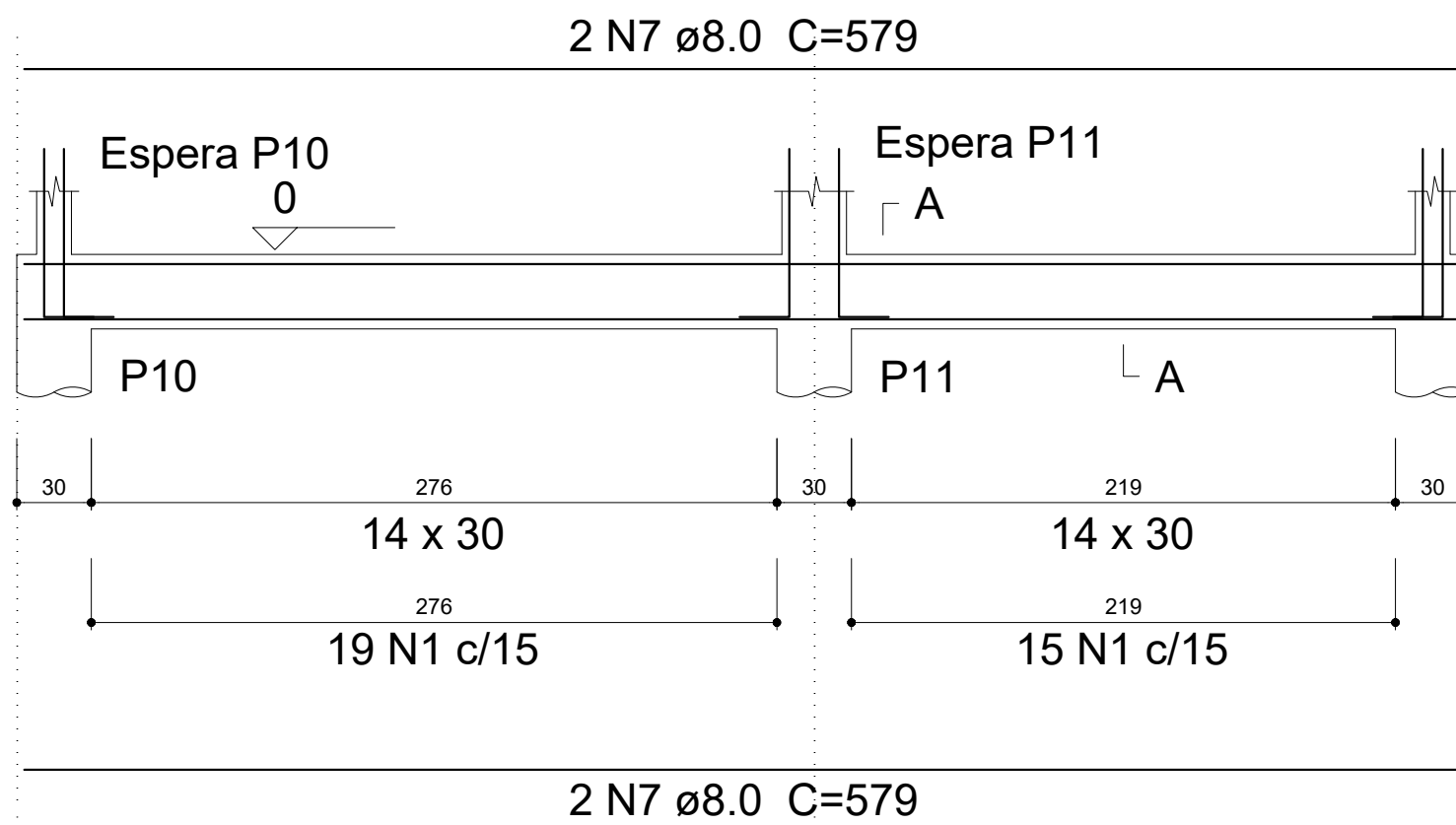


ESPERA P9
ESC 1:25

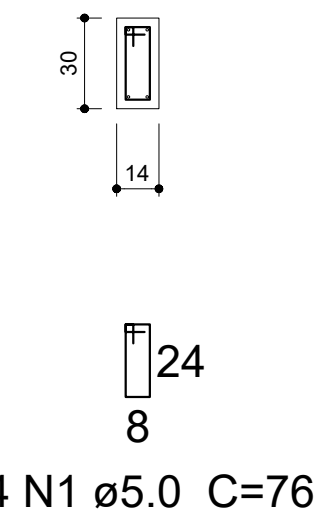


V6

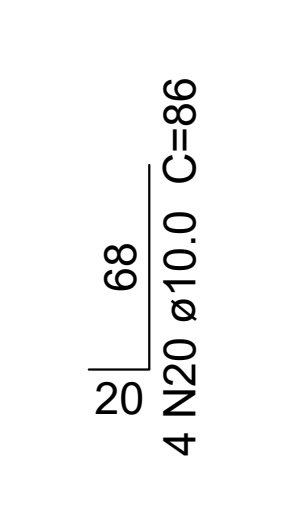
ESC 1:30



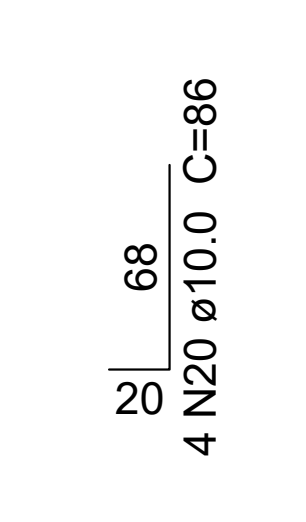
SEÇÃO A-A
ESC 1:25



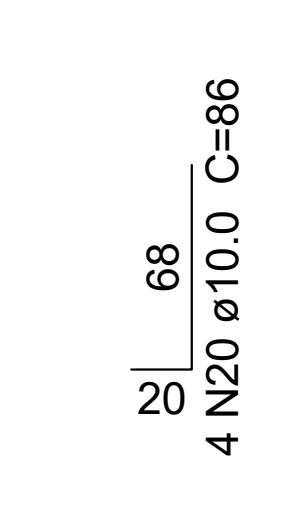
ESPERA P10
ESC 1:25



ESPERA P11
ESC 1:25

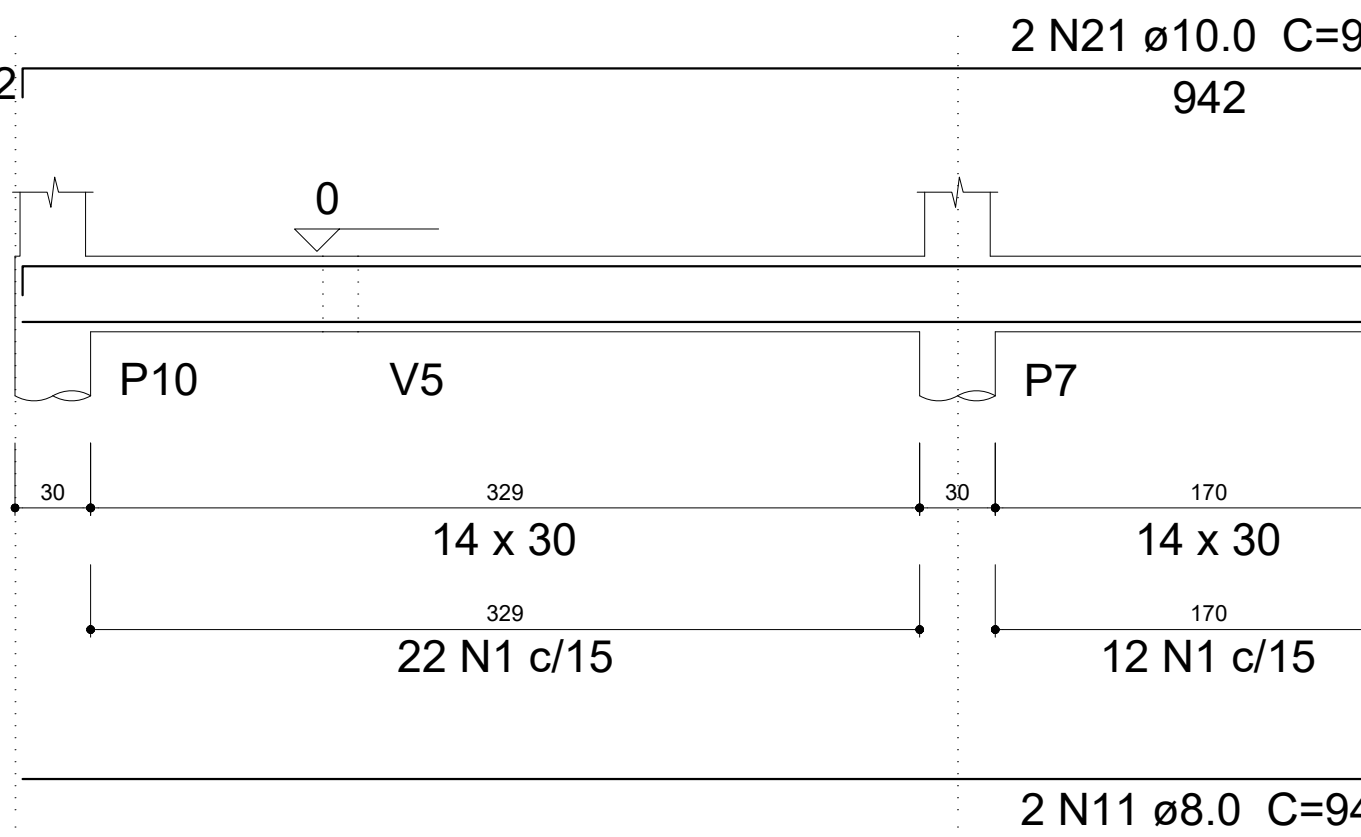


ESPERA P12
ESC 1:25

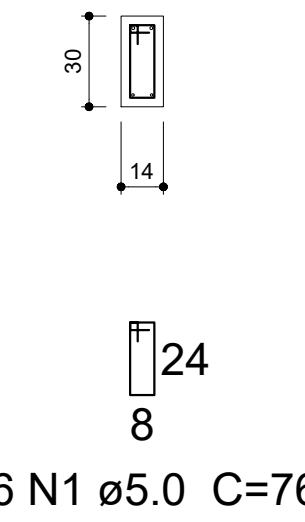


V7

ESC 1:30

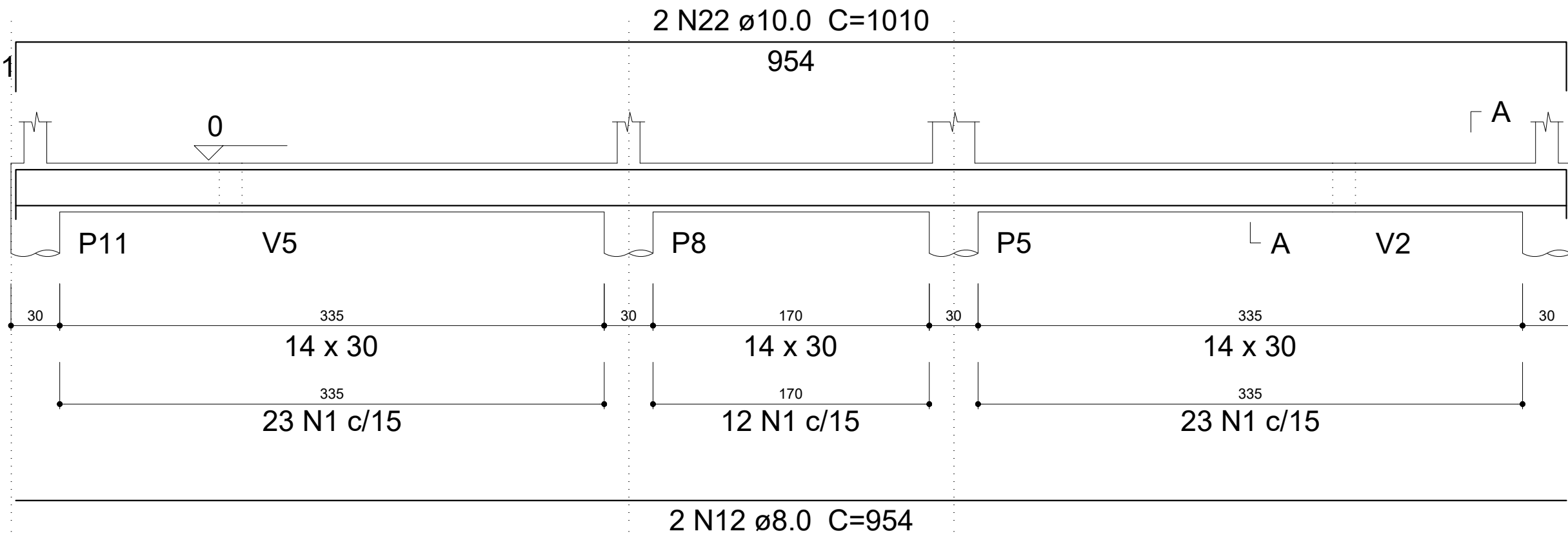


SEÇÃO A-A
ESC 1:25

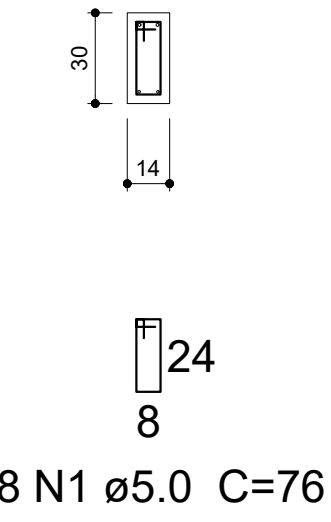


V8

ESC 1:30

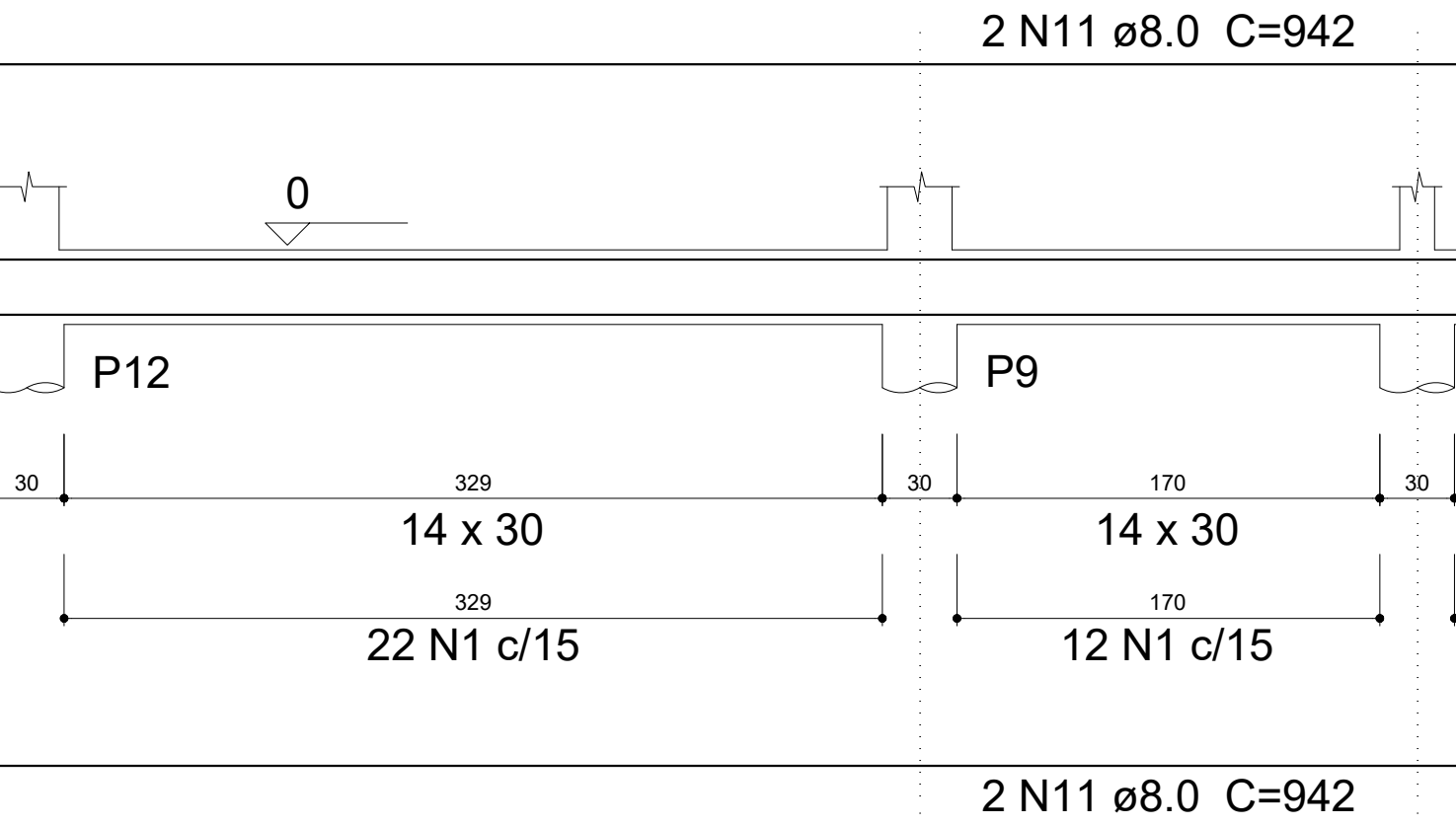


SEÇÃO A-A
ESC 1:25

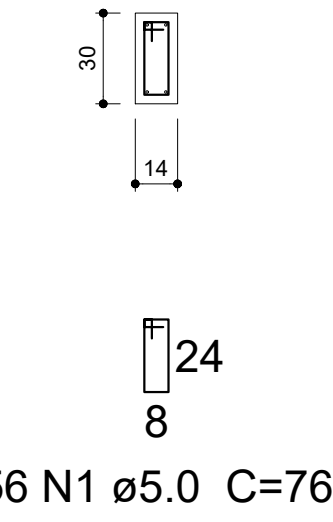


V9

ESC 1:30

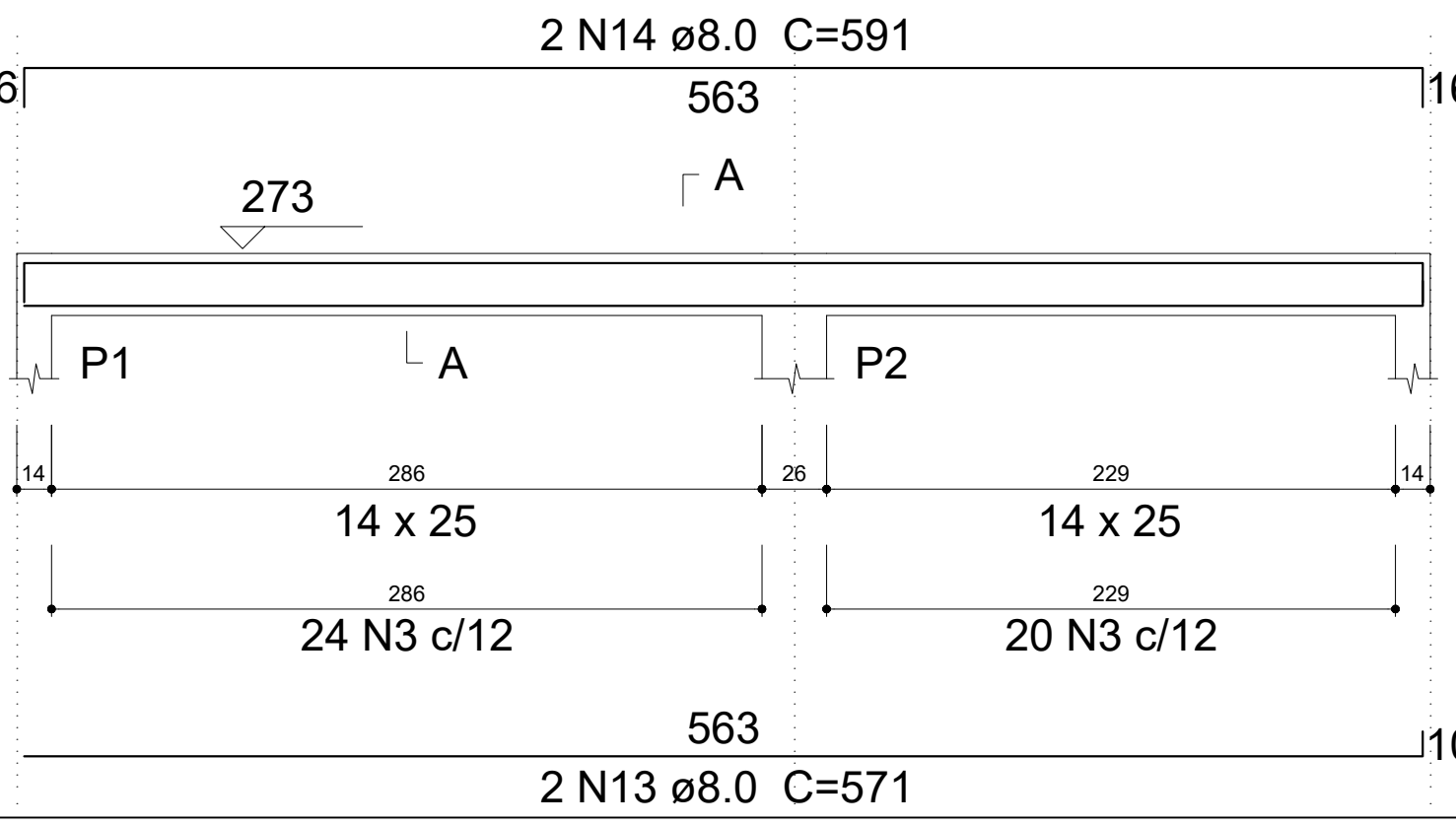


SEÇÃO A-A
ESC 1:25

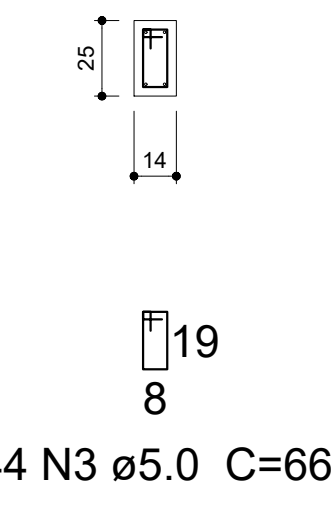


V1

ESC 1:30

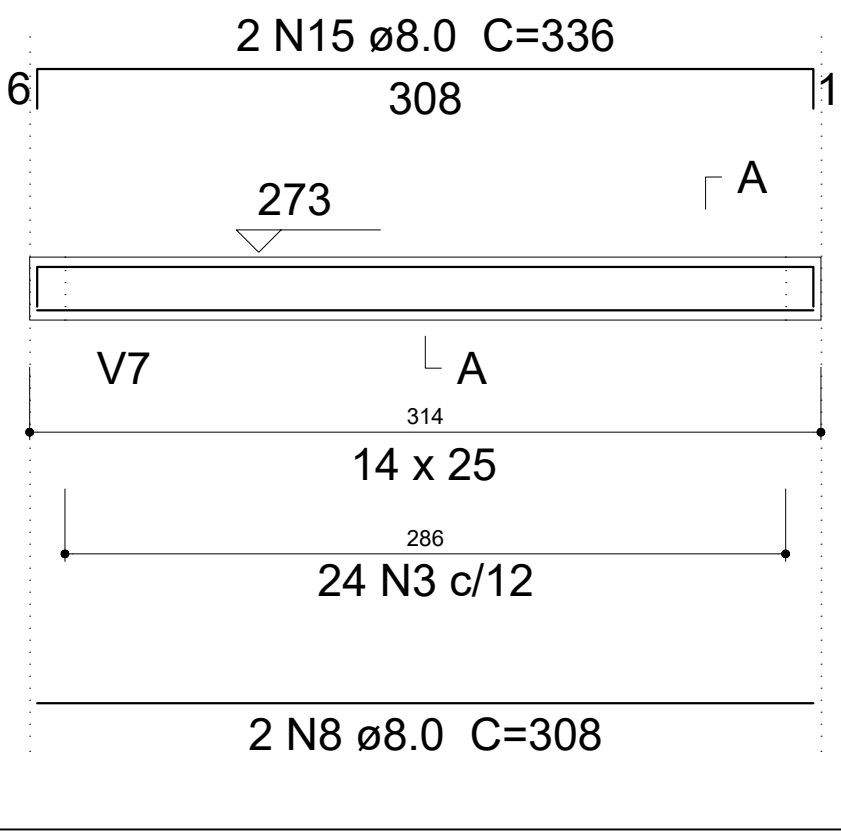


SEÇÃO A-A
ESC 1:25

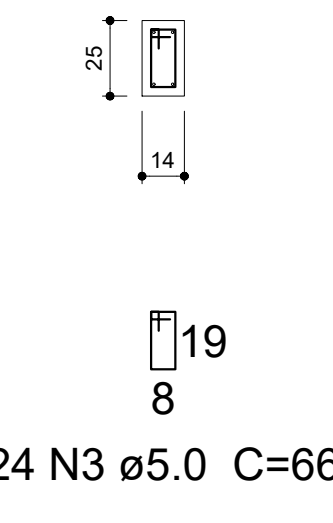


V2

ESC 1:30

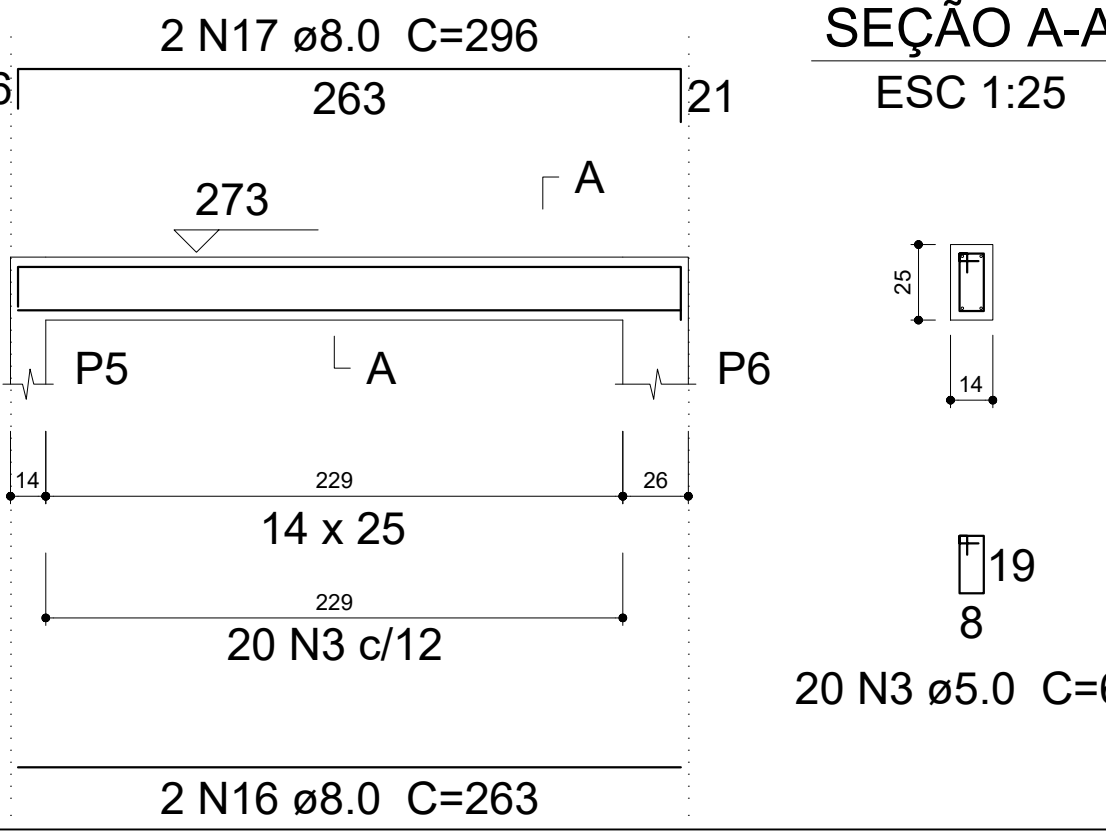


SEÇÃO A-A
ESC 1:25

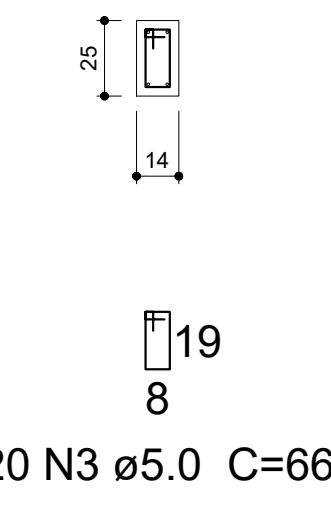


V3

ESC 1:30



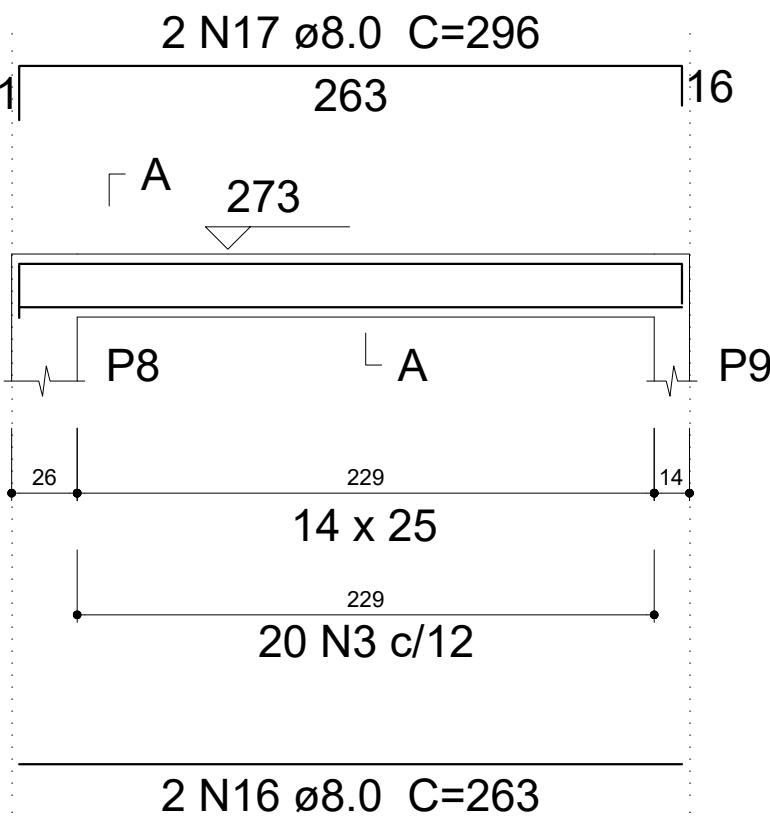
SEÇÃO A-A
ESC 1:25



PREFEITURA MUNICIPAL DE ESPUMOSO DEPARTAMENTO DE ENGENHARIA		
	PROPRIETÁRIO Município de Espumoso	DATA Maio/2025
	ENDEREÇO Loteamento São Valentim II - Espumoso - RS	ESCALA Indicada
	NOME DA OBRA Estrutural de Casas Interesse Social	Matrícula do Terreno Matrícula nº 13.314
PROPRIETÁRIO		RESPONSÁVEL TÉCNICO
2/3		

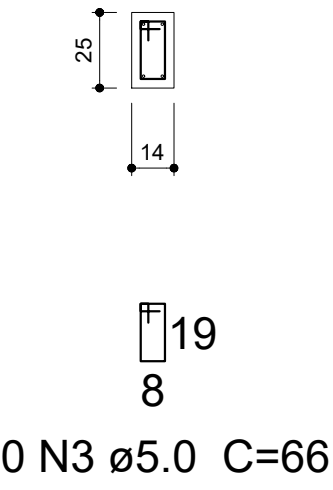
V4

ESC 1:30



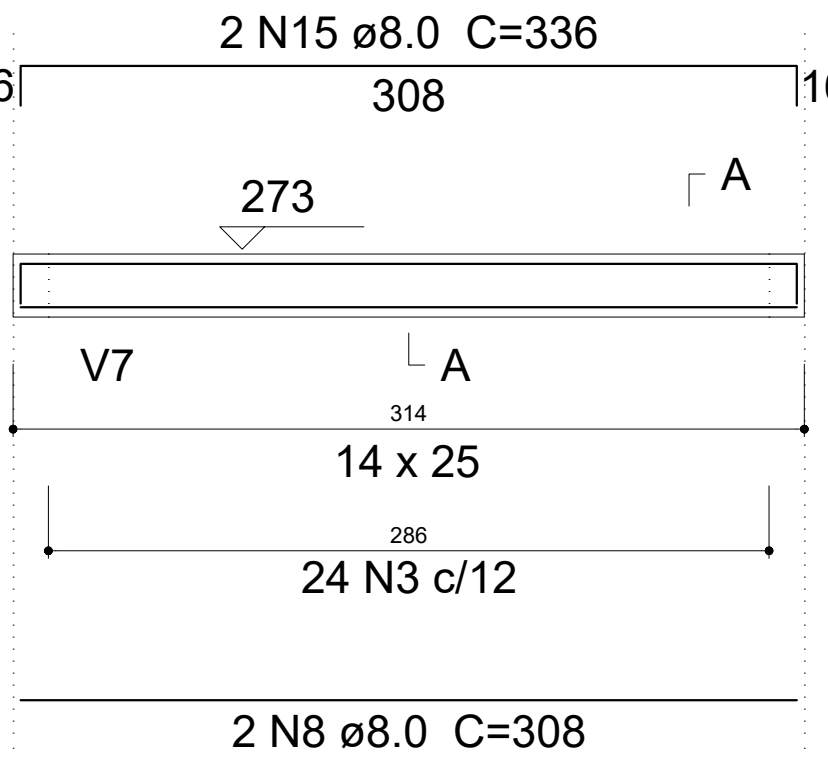
SEÇÃO A-A

ESC 1:25



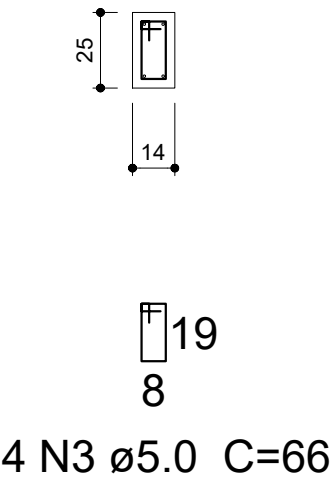
V5

ESC 1:30



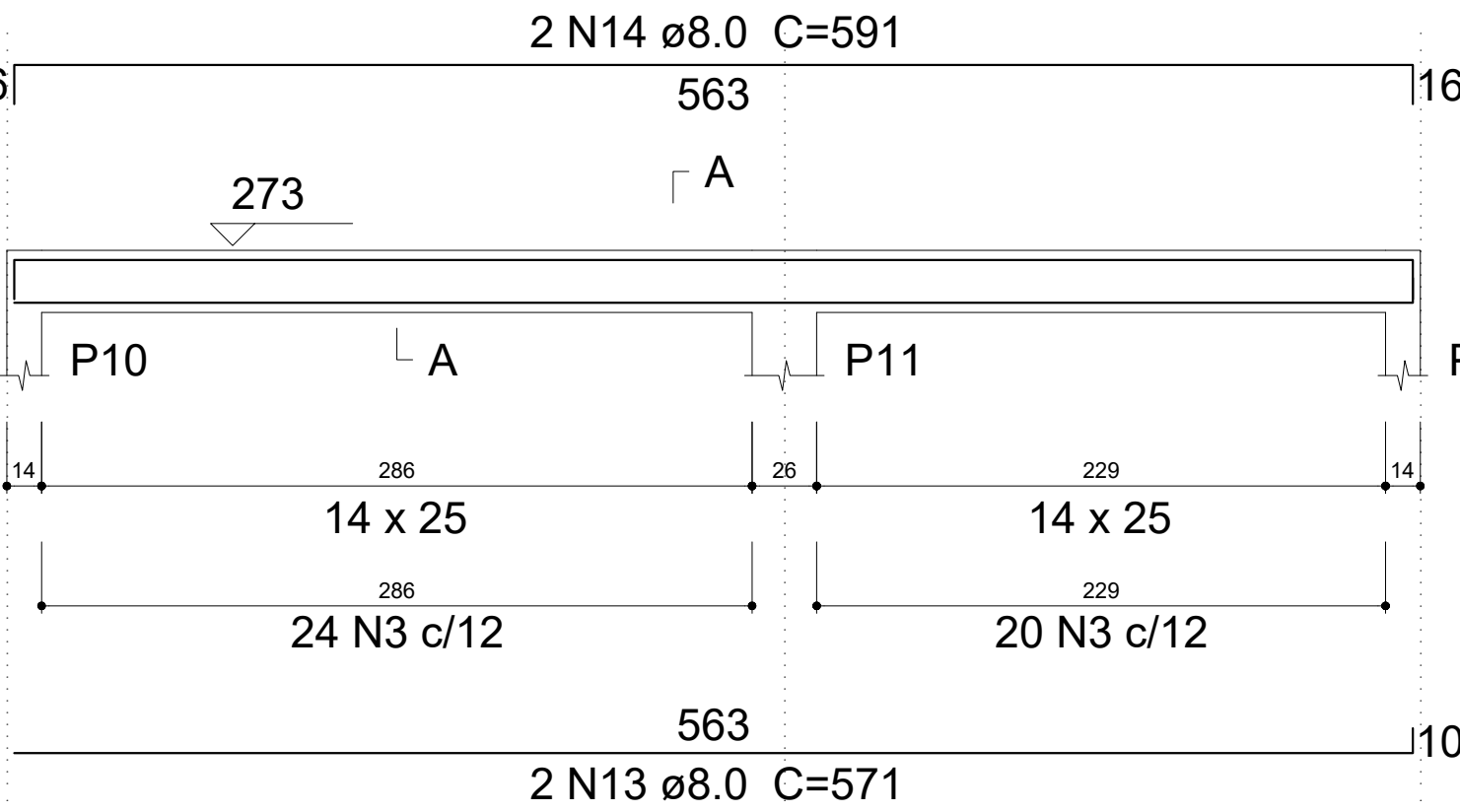
SEÇÃO A-A

ESC 1:25



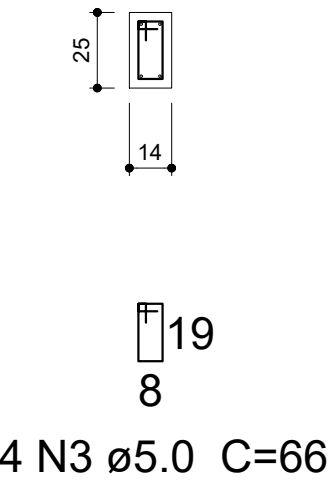
V6

ESC 1:30



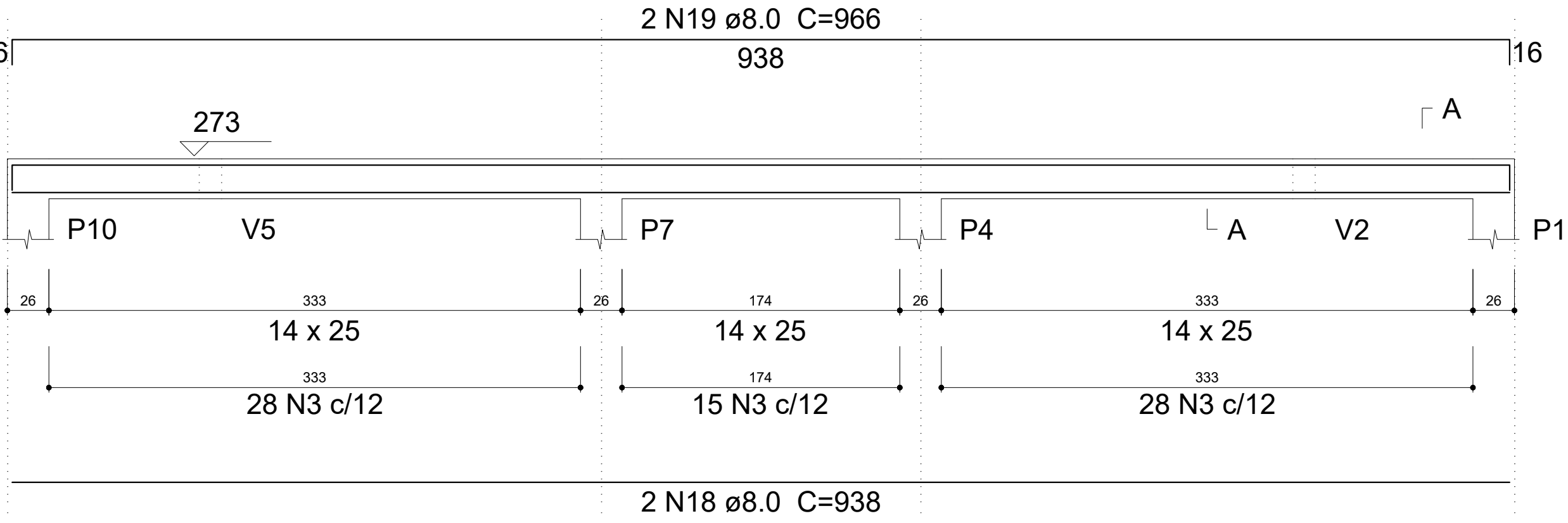
SEÇÃO A-A

ESC 1:25



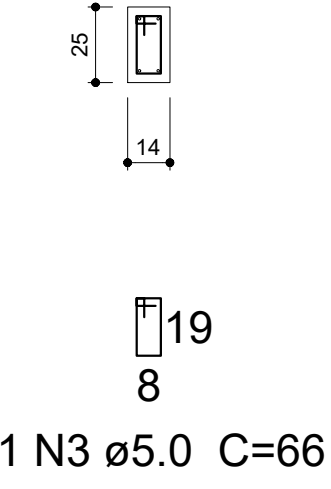
V7

ESC 1:30



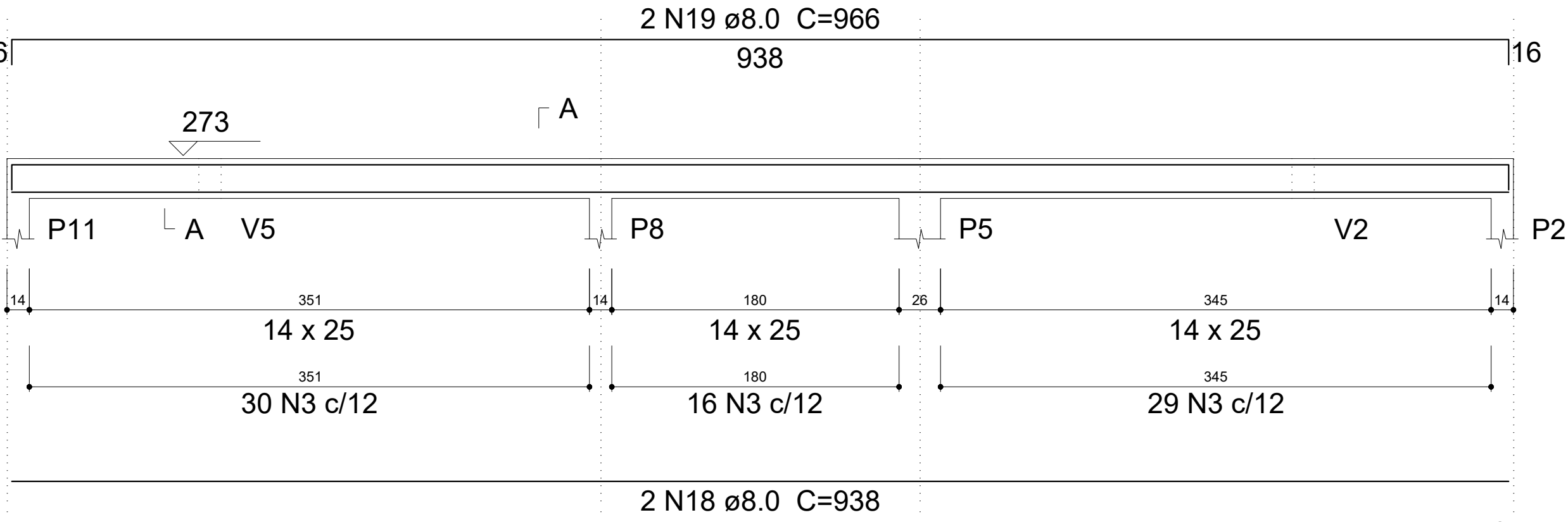
SEÇÃO A-A

ESC 1:25



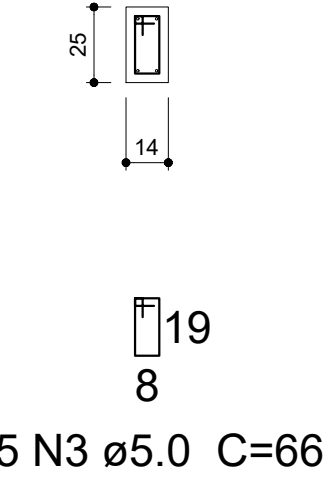
V8

ESC 1:30



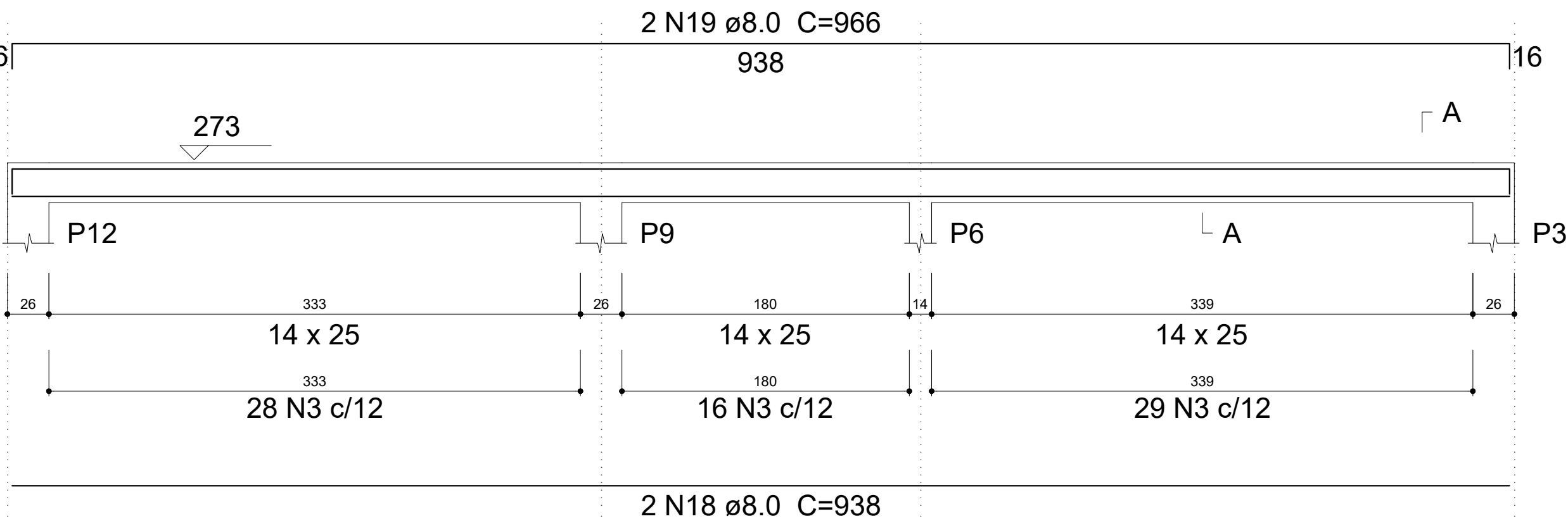
SEÇÃO A-A

ESC 1:25



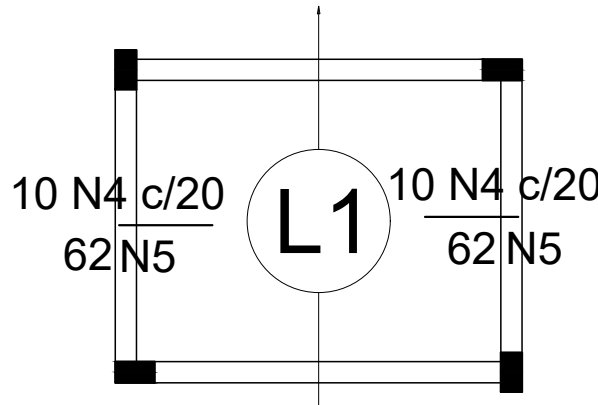
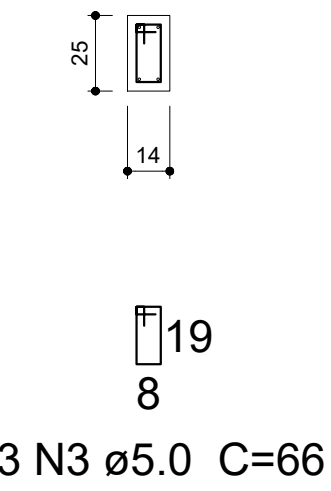
V9

ESC 1:30

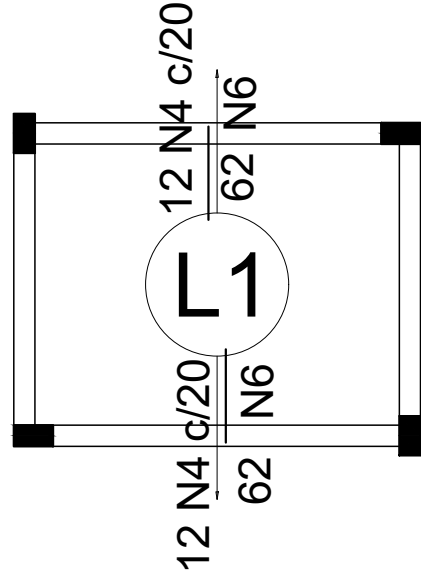


SEÇÃO A-A

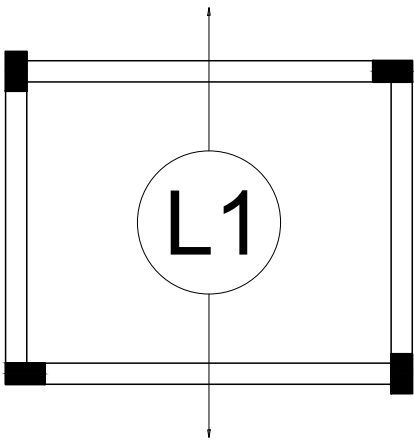
ESC 1:25



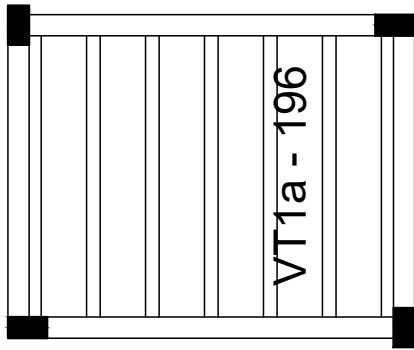
Armação negativa das lajes do pavimento Cobertura (Eixo X) escala 1:50



Armação negativa das lajes do pavimento Cobertura (Eixo Y) escala 1:50

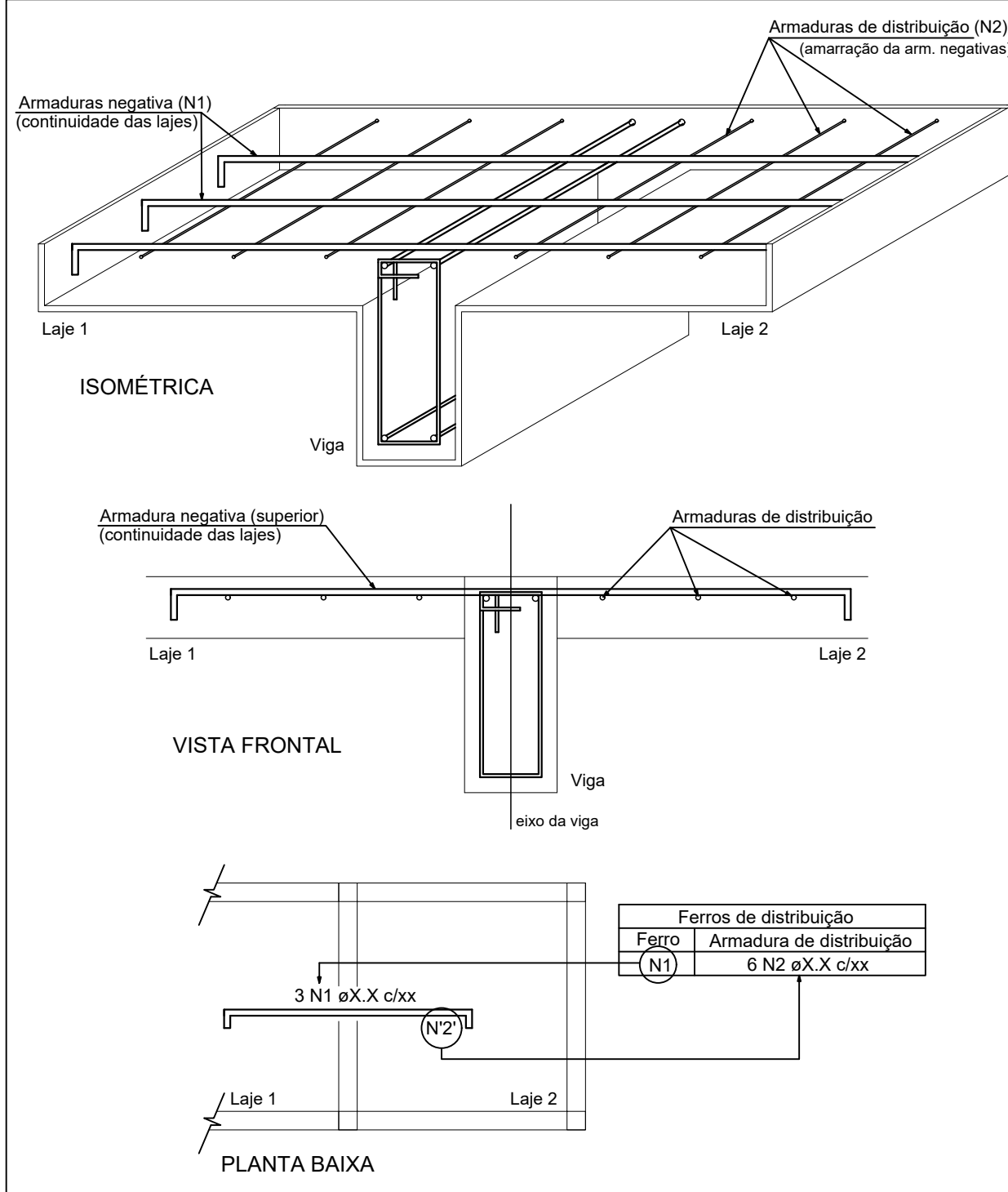


Armação positiva das lajes do pavimento Cobertura (Eixo Y) escala 1:50



Planta de vigotas pré-moldadas escala 1:50

DETALHE DA ARMADURA DE SUPERIOR DE CONTINUIDADE DA LAJE E MONTAGEM DA ARMADURA DE DISTRIBUIÇÃO



PREFEITURA MUNICIPAL DE ESPUMOSO
DEPARTAMENTO DE ENGENHARIA

	PROPRIETÁRIO Município de Espumoso	DATA Maio/2025
	ENDEREÇO Loteamento São Valentim II - Espumoso - RS	ESCALA Indicada
	NOME DA OBRA Estrutural de Casas Interesse Social	Matrícula do Terreno Matrícula nº 13.314

PROPRIETÁRIO	RESPONSÁVEL TÉCNICO	PRANCHA
--------------	---------------------	---------