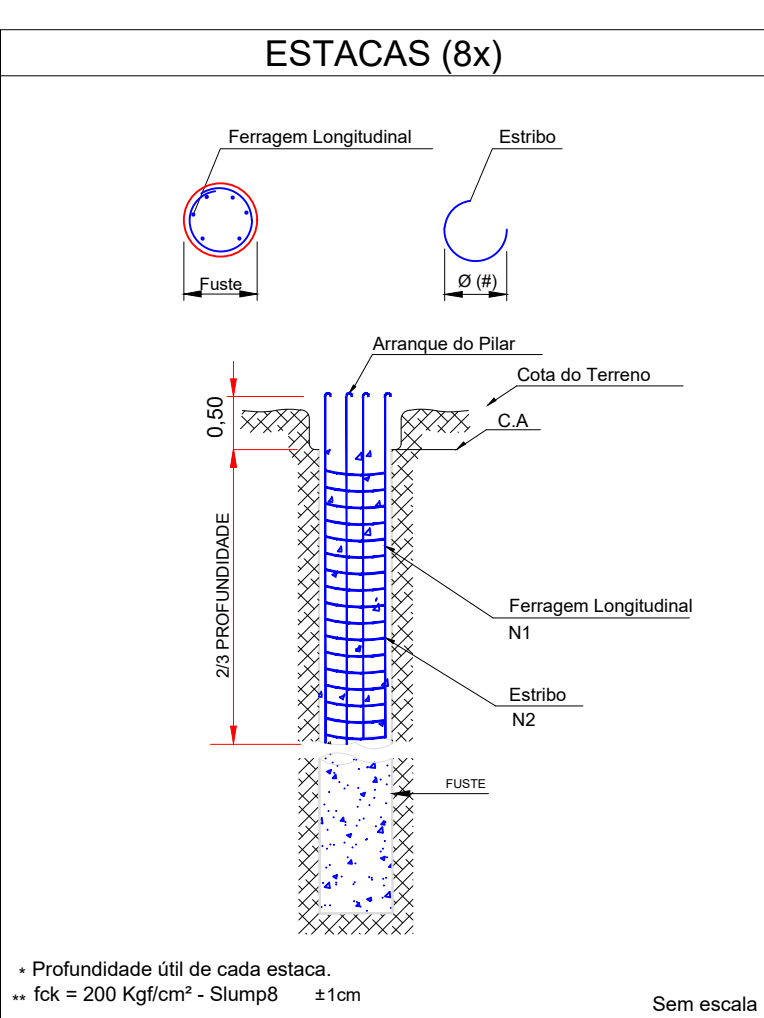


Planta de localização
escala 1:50

Nome	Seção	X (cm)	Y (cm)	Carga Máx. (kg)	Carga Min. (kg)	Pilar		Fundação				Bloco								
						Mx Máximo (kgf.m)	My Máximo (kgf.m)	Fx Máximo (tf)	Fy Máximo (tf)	Lado B (cm)	Lado H (cm)		h1/h2	df (cm)						
E1	10.00	0.00	-605.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.2	0.4	-	-	-	0	1	C30	0
E2	282.50	0.00	-605.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.2	0.4	-	-	-	0	1	C30	0
E3	497.50	0.00	-605.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.2	0.4	-	-	-	0	1	C30	0
E4	712.50	0.00	-605.00	1.4	0.3	700	-500	100	0	0.1	0.0	0.4	0.4	-	-	-	0	1	C30	0
E5	997.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E6	1282.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E7	1497.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E8	1712.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E9	1997.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E10	2282.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E11	2497.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E12	2712.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E13	2997.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E14	3497.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E15	3782.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E16	3997.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E17	4497.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E18	4772.50	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0
E19	4985.00	-1190.00	-12.00	1.2	0.6	500	-400	100	0	0.1	0.0	0.3	0.3	-	-	-	0	1	C30	0

Localização no eixo X		Localização no eixo Y	
Coordenadas (cm)	Nome	Coordenadas (cm)	Nome
10.00	PP1, PP2, PP3, PP4, PP5, PP6, PP7, PP8, PP9, PP10, PP11	-15.00	EP1, EP2, EP3, EP4
282.50	PP1, PP2, PP3, PP4, PP5, PP6, PP7, PP8, PP9, PP10, PP11	-163.50	EP1, EP2, EP3, EP4
497.50	PP1, PP2, PP3, PP4, PP5, PP6, PP7, PP8, PP9, PP10, PP11	-605.00	EP1, EP2, EP3, EP4
712.50	PP1, PP2, PP3, PP4, PP5, PP6, PP7, PP8, PP9, PP10, PP11	-1190.00	EP1, EP2, EP3, EP4
997.50	PP1, PP2, PP3, PP4, PP5, PP6, PP7, PP8, PP9, PP10, PP11	-1780.00	EP1, EP2, EP3, EP4

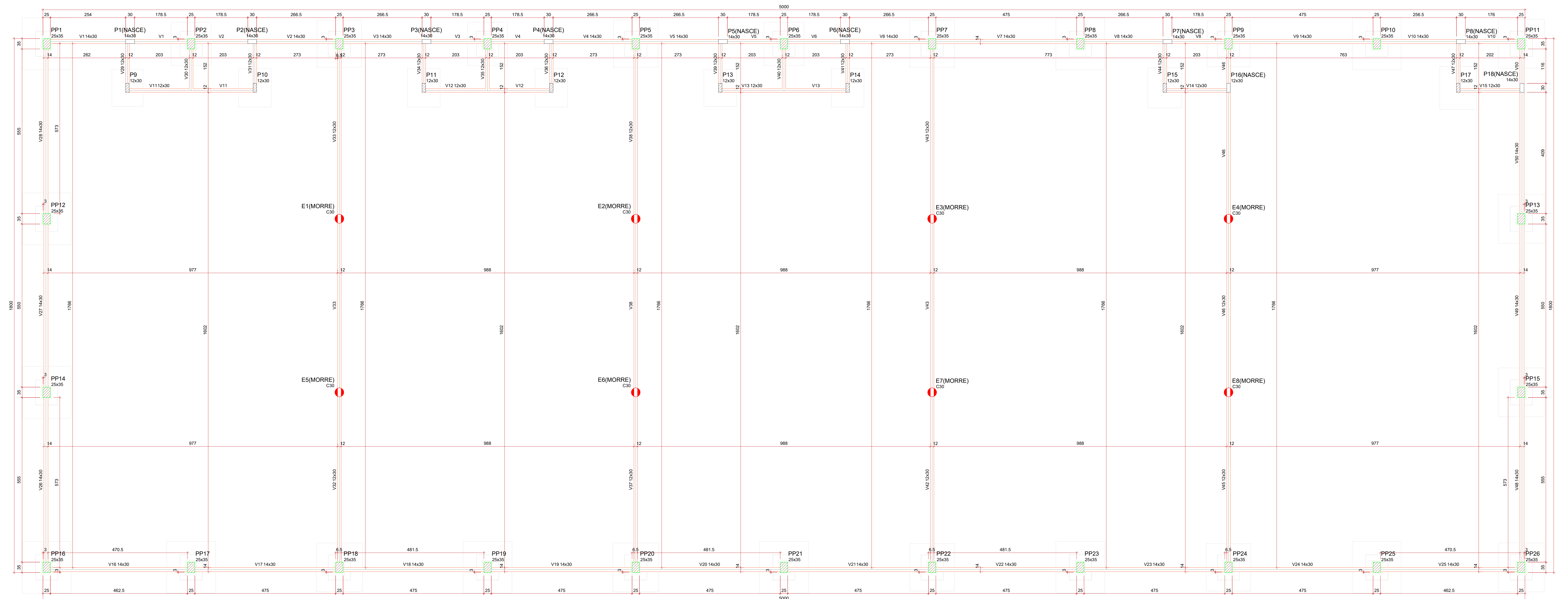
Estacas	Quantidade
C30	8



PROJETO ESTRUTURAL

BARRACÃO INDUSTRIAL

PROPRIETÁRIO:	MUNICÍPIO DE CÉU AZUL CNPJ: 78.288.473/0001-01 LAURINDO SPEROTTO / PREFEITO	PROJETO:	GIAN CARLOS BORTOLINI VALLI CREA PR - 163755-D
ÁREA:	900,00m²	CONTEÚDO:	Planta de localização das fundações
ESCALA:	INDICADA	PRANCHAL:	01/12
DATA:	AGOSTO / 2023	A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.	



Forma da Baldrame (Nível 0)
escala 1:50

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	14x30	0	0
P2	14x30	0	0
P3	14x30	0	0
P4	14x30	0	0
P5	14x30	0	0
P6	14x30	0	0
P7	14x30	0	0
P8	14x30	0	0
P9	12x30	0	0
P10	12x30	0	0
P11	12x30	0	0
P12	12x30	0	0
P13	12x30	0	0
P14	12x30	0	0
P15	12x30	0	0
P16	12x30	0	0
P17	12x30	0	0
P18	14x30	0	0
PP1	25x35	0	0
PP2	25x35	0	0
PP3	25x35	0	0
PP4	25x35	0	0
PP5	25x35	0	0
PP6	25x35	0	0
PP7	25x35	0	0
PP8	25x35	0	0
PP9	25x35	0	0
PP10	25x35	0	0
PP11	25x35	0	0
PP12	25x35	0	0
PP13	25x35	0	0
PP14	25x35	0	0
PP15	25x35	0	0
PP16	25x35	0	0
PP17	25x35	0	0
PP18	25x35	0	0
PP19	25x35	0	0
PP20	25x35	0	0
PP21	25x35	0	0
PP22	25x35	0	0
PP23	25x35	0	0
PP24	25x35	0	0
PP25	25x35	0	0
PP26	25x35	0	0

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	14x30	0	0
V2	14x30	0	0
V3	14x30	0	0
V4	14x30	0	0
V5	14x30	0	0
V6	14x30	0	0
V7	14x30	0	0
V8	14x30	0	0
V9	14x30	0	0
V10	14x30	0	0
V11	12x30	0	0
V12	12x30	0	0
V13	12x30	0	0
V14	12x30	0	0
V15	12x30	0	0
V16	14x30	0	0
V17	14x30	0	0
V18	14x30	0	0
V19	14x30	0	0
V20	14x30	0	0
V21	14x30	0	0
V22	14x30	0	0
V23	14x30	0	0
V24	14x30	0	0
V25	14x30	0	0
V26	14x30	0	0

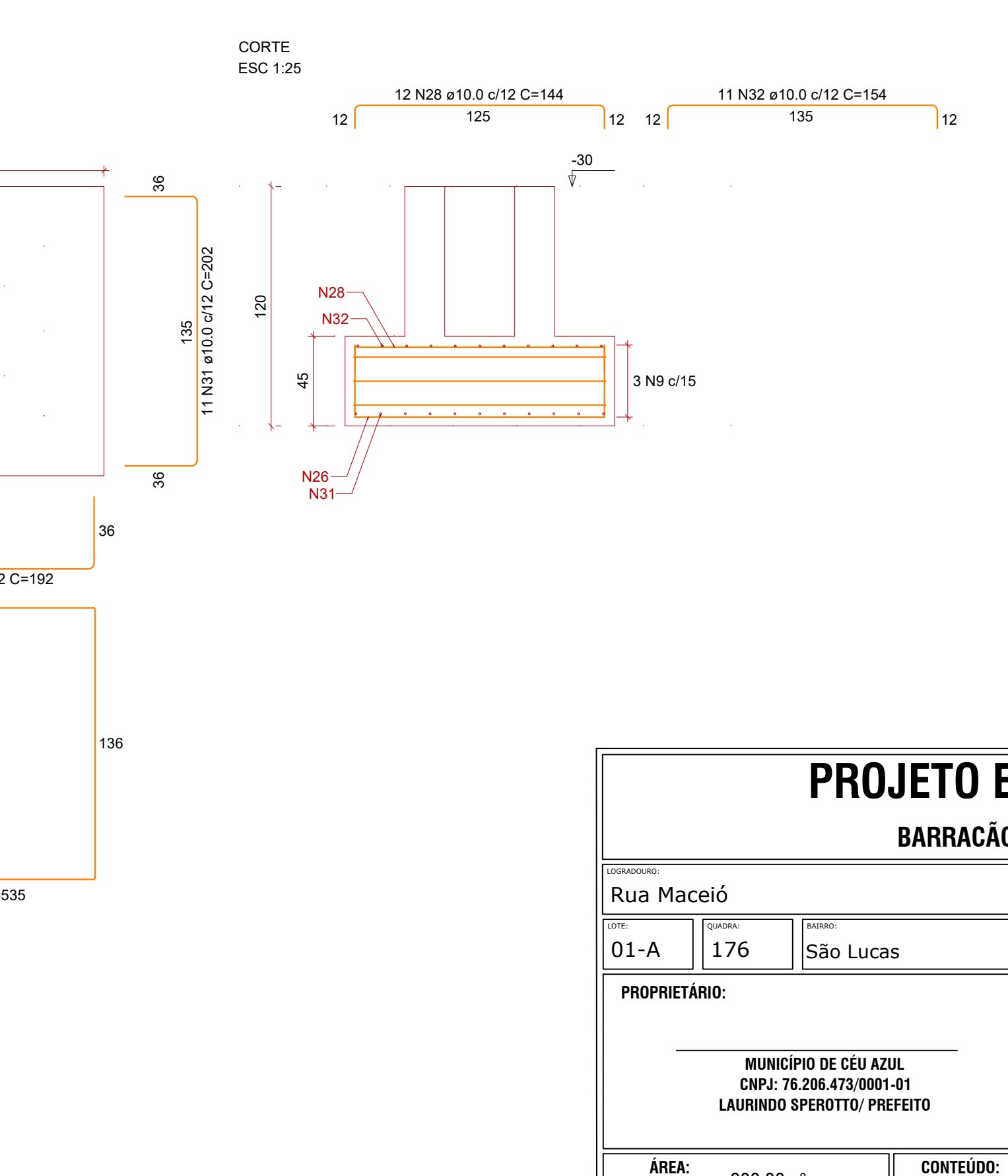
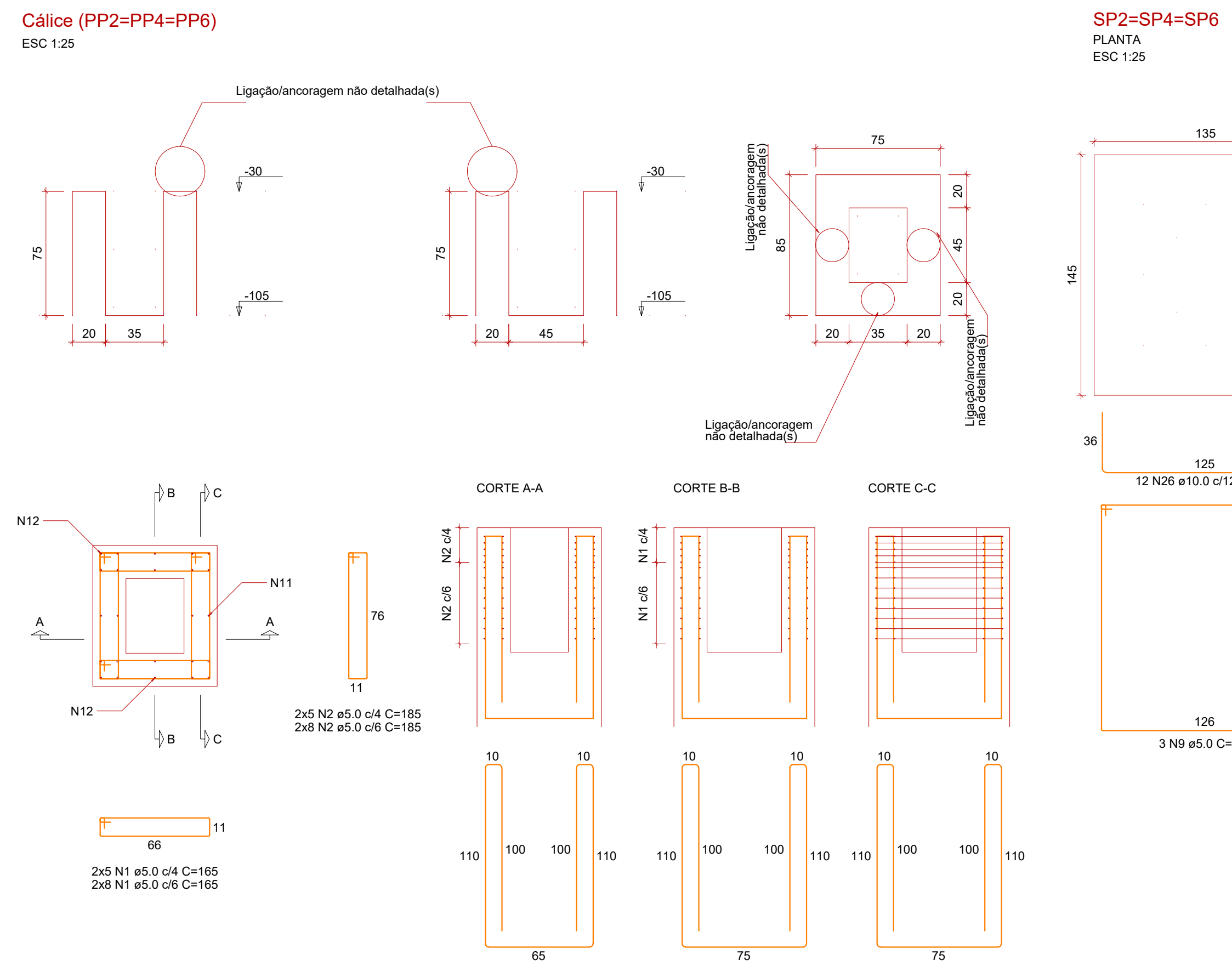
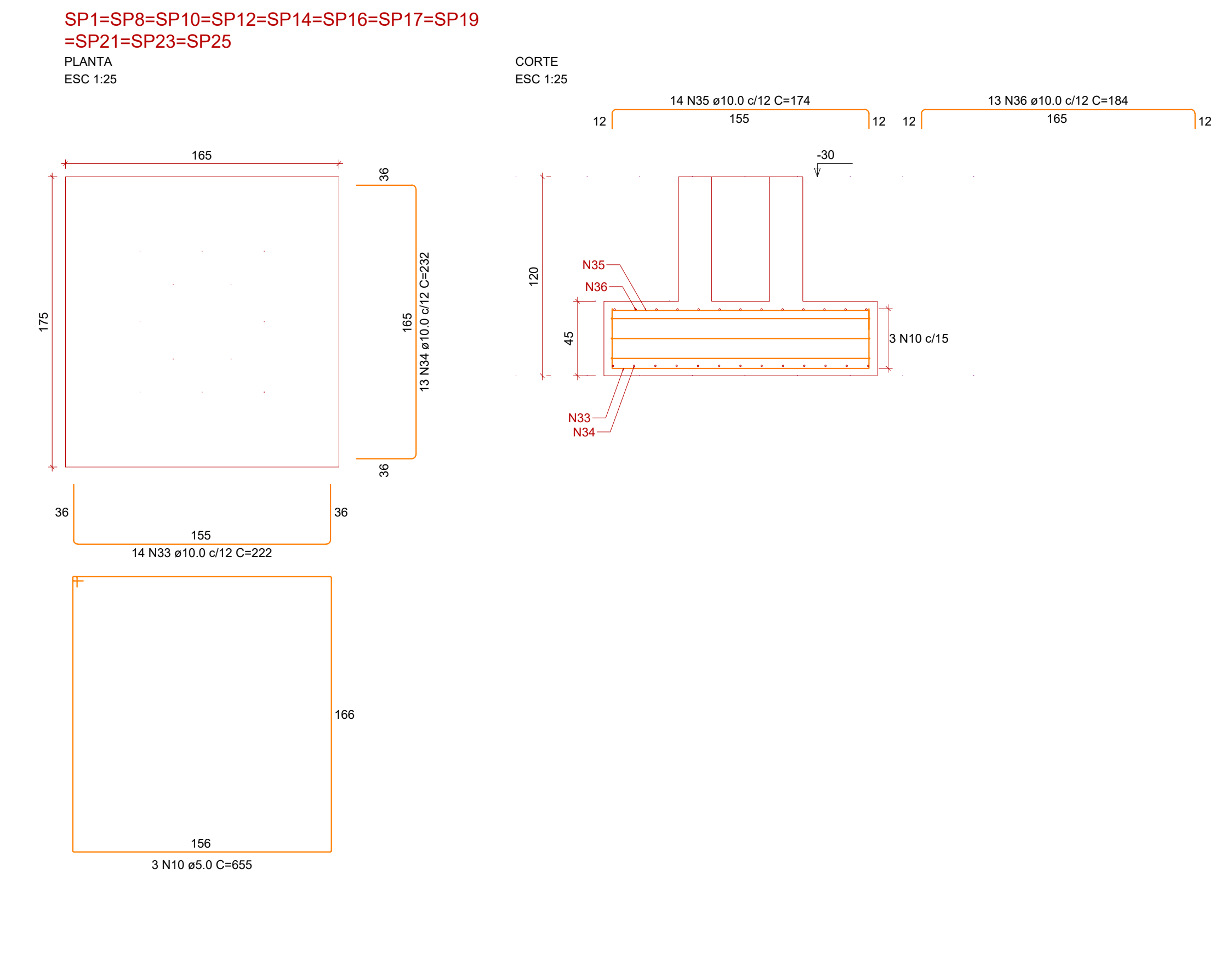
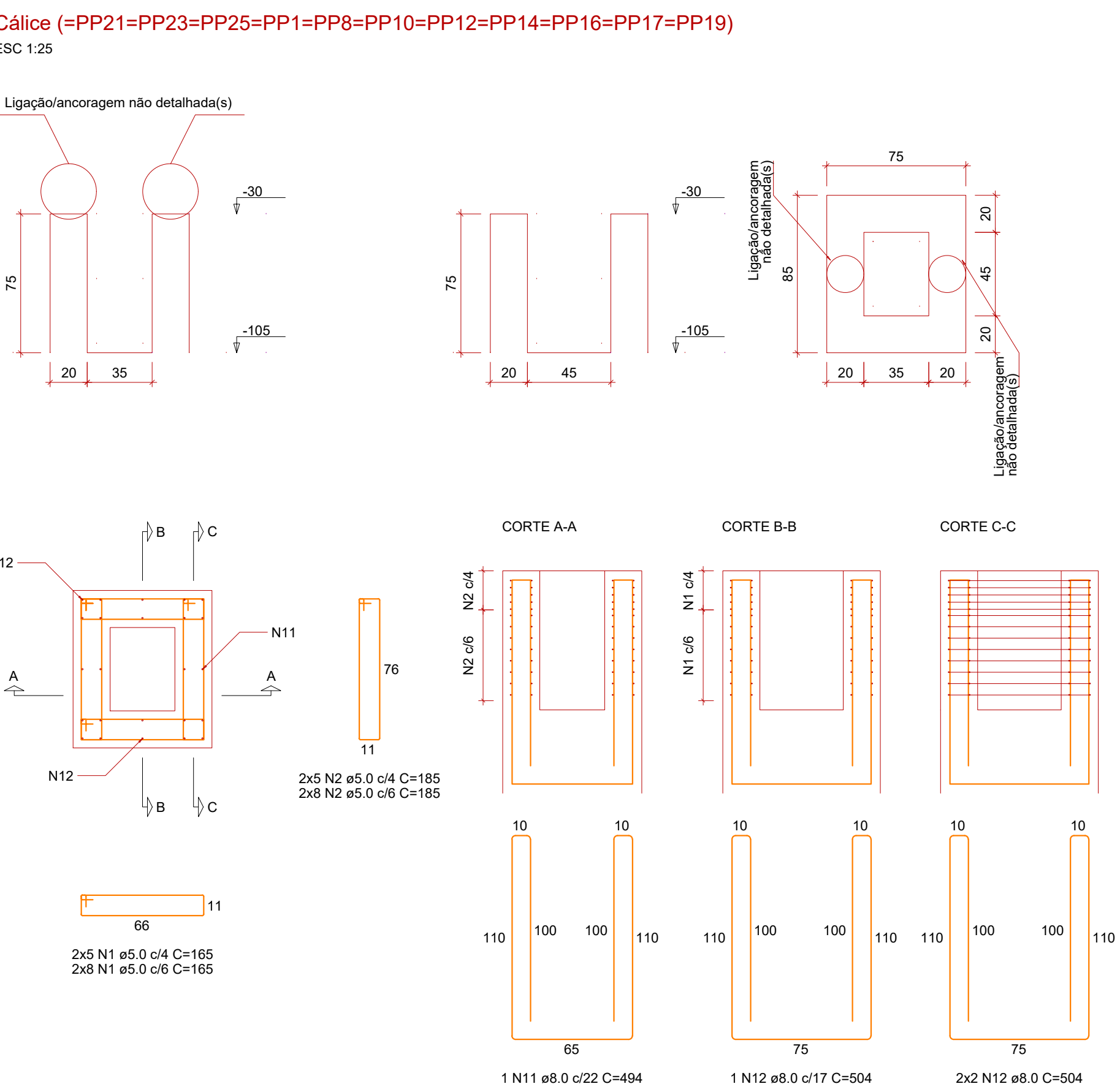
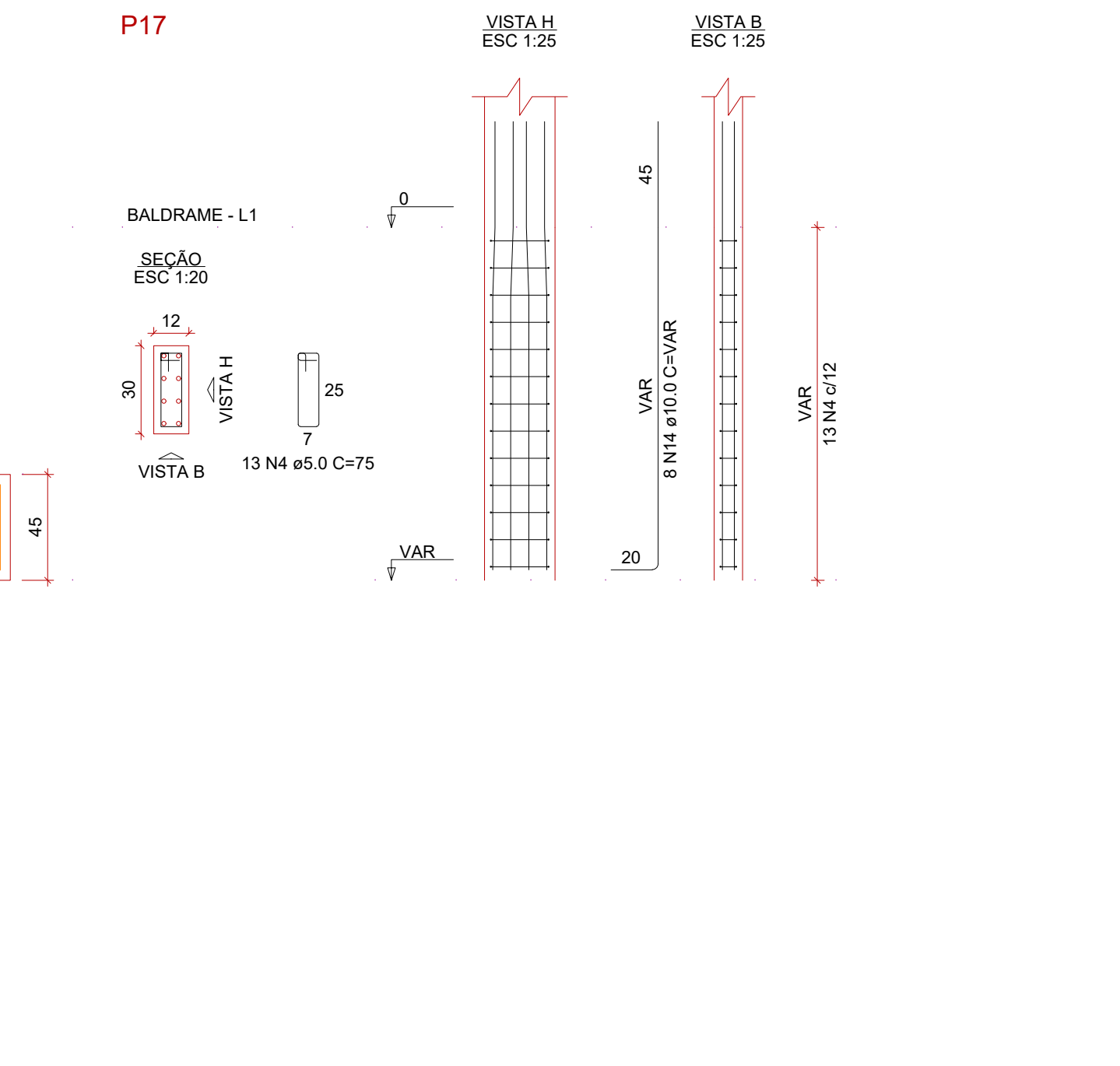
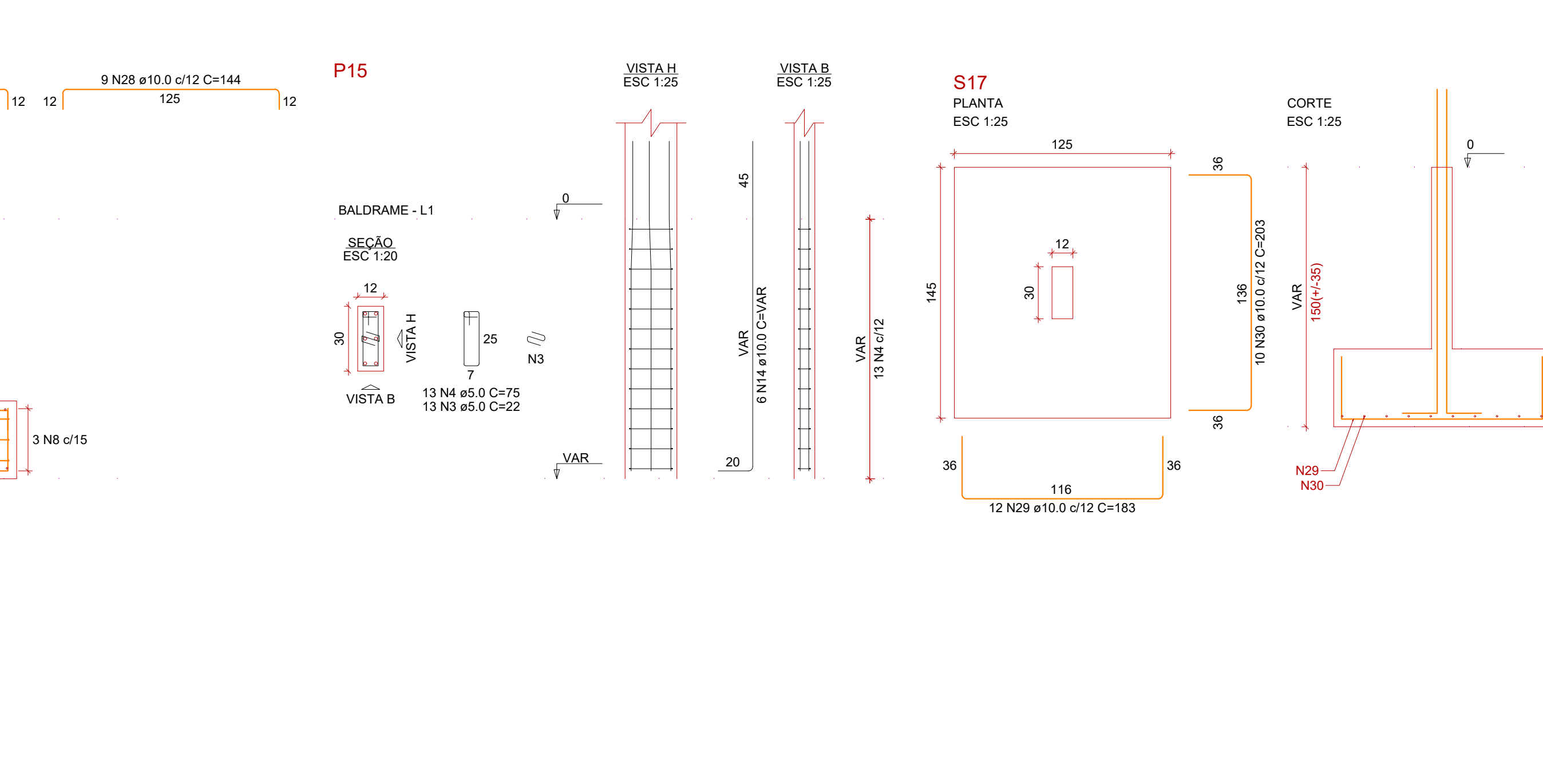
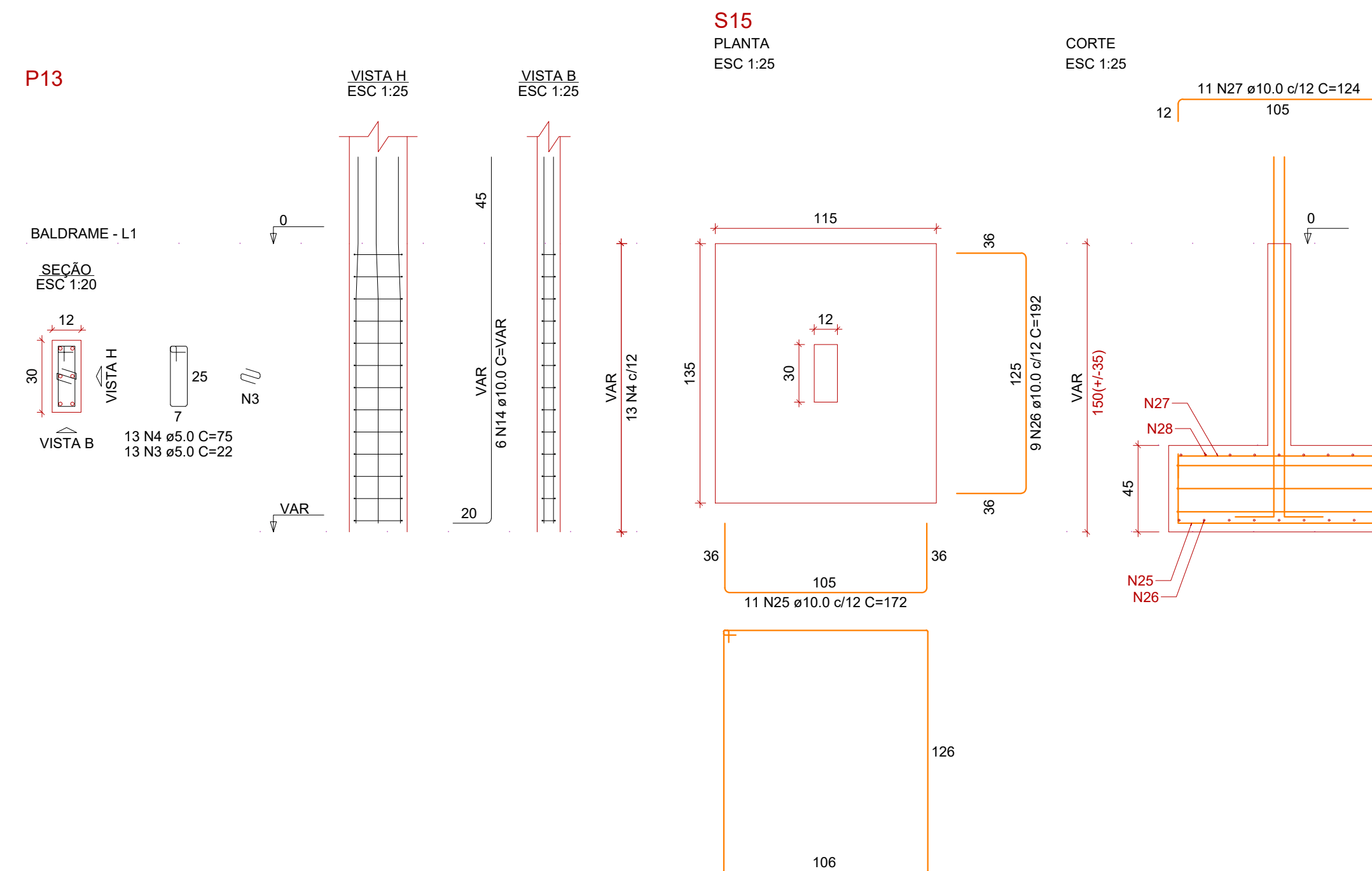
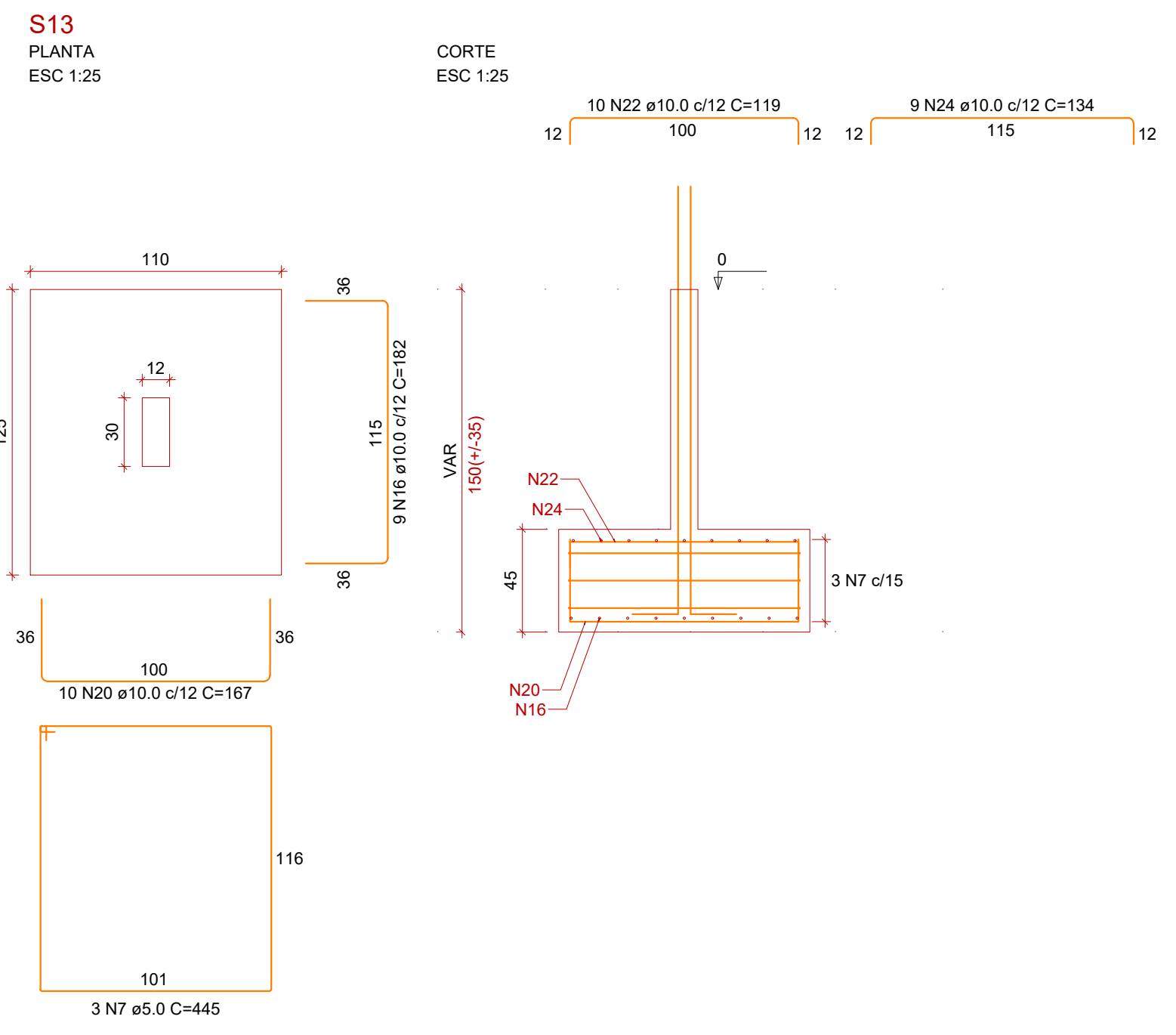
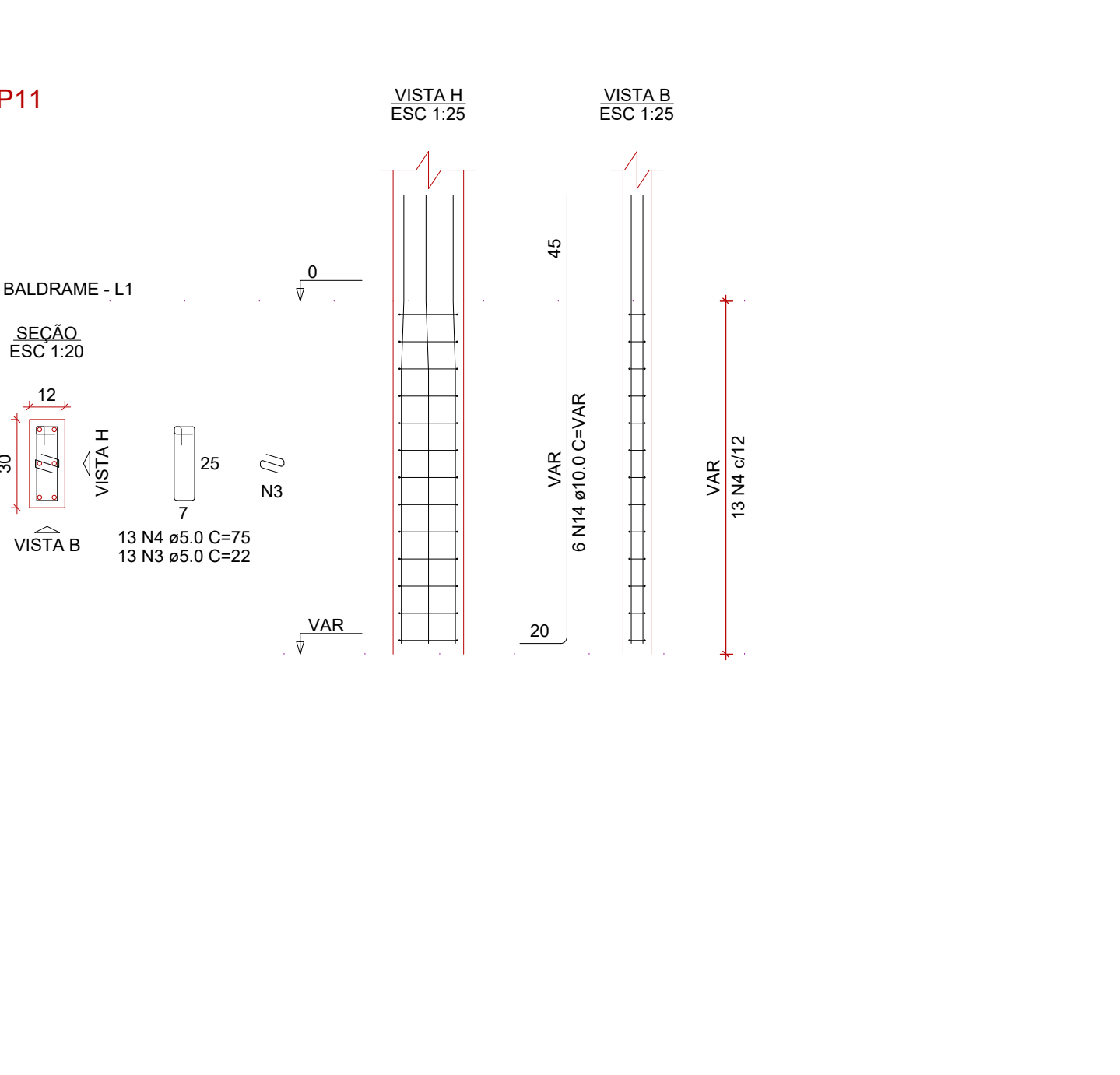
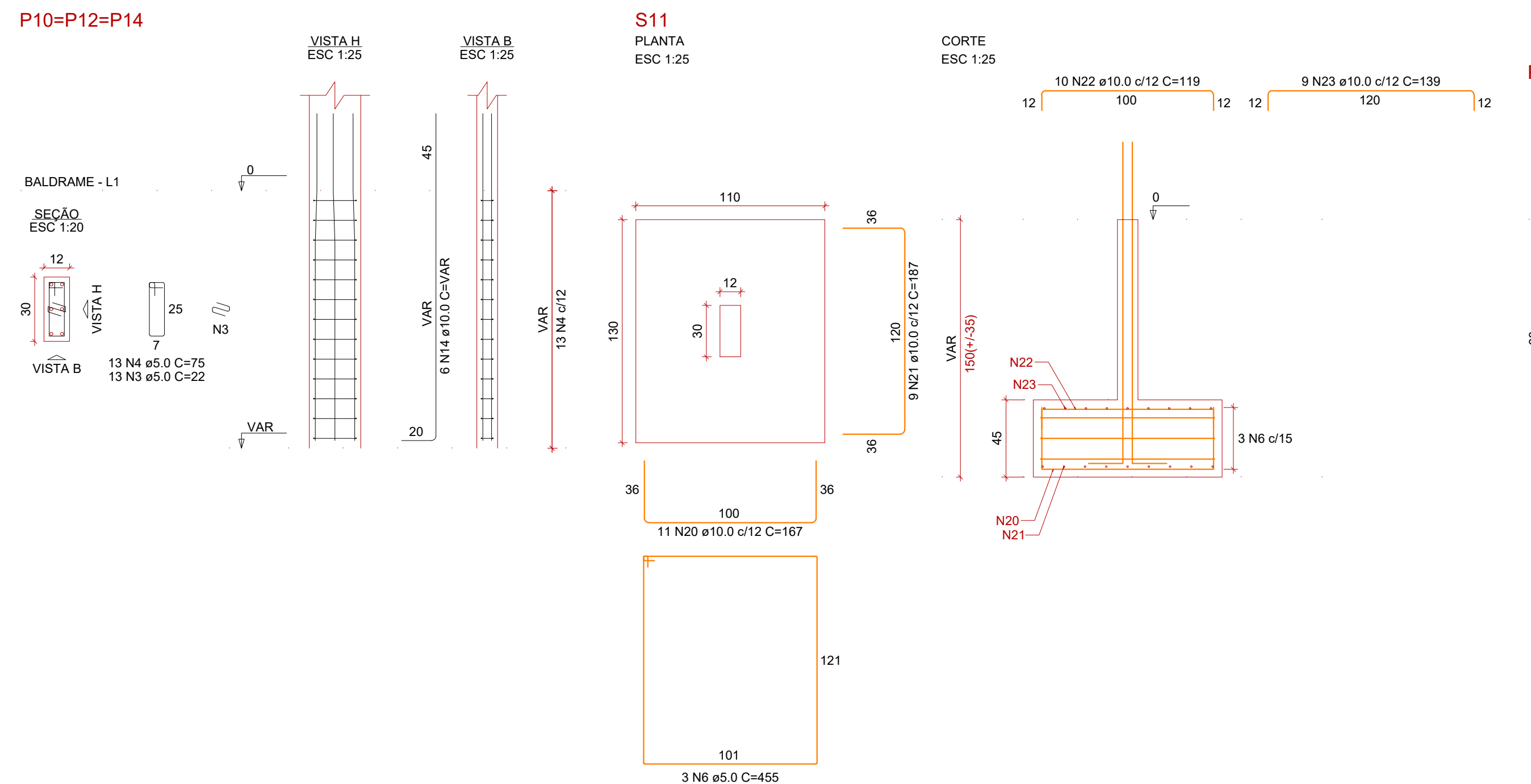
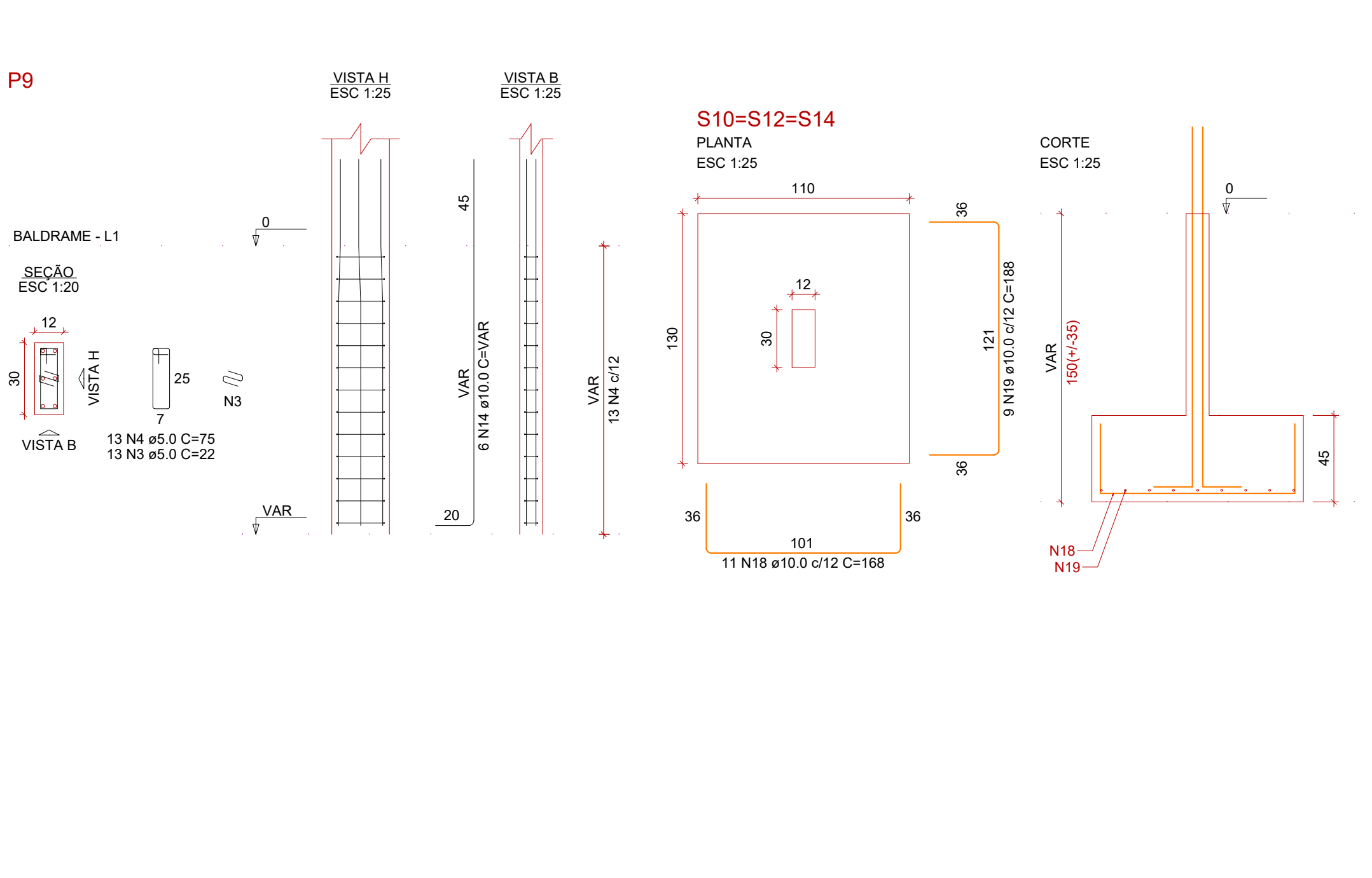
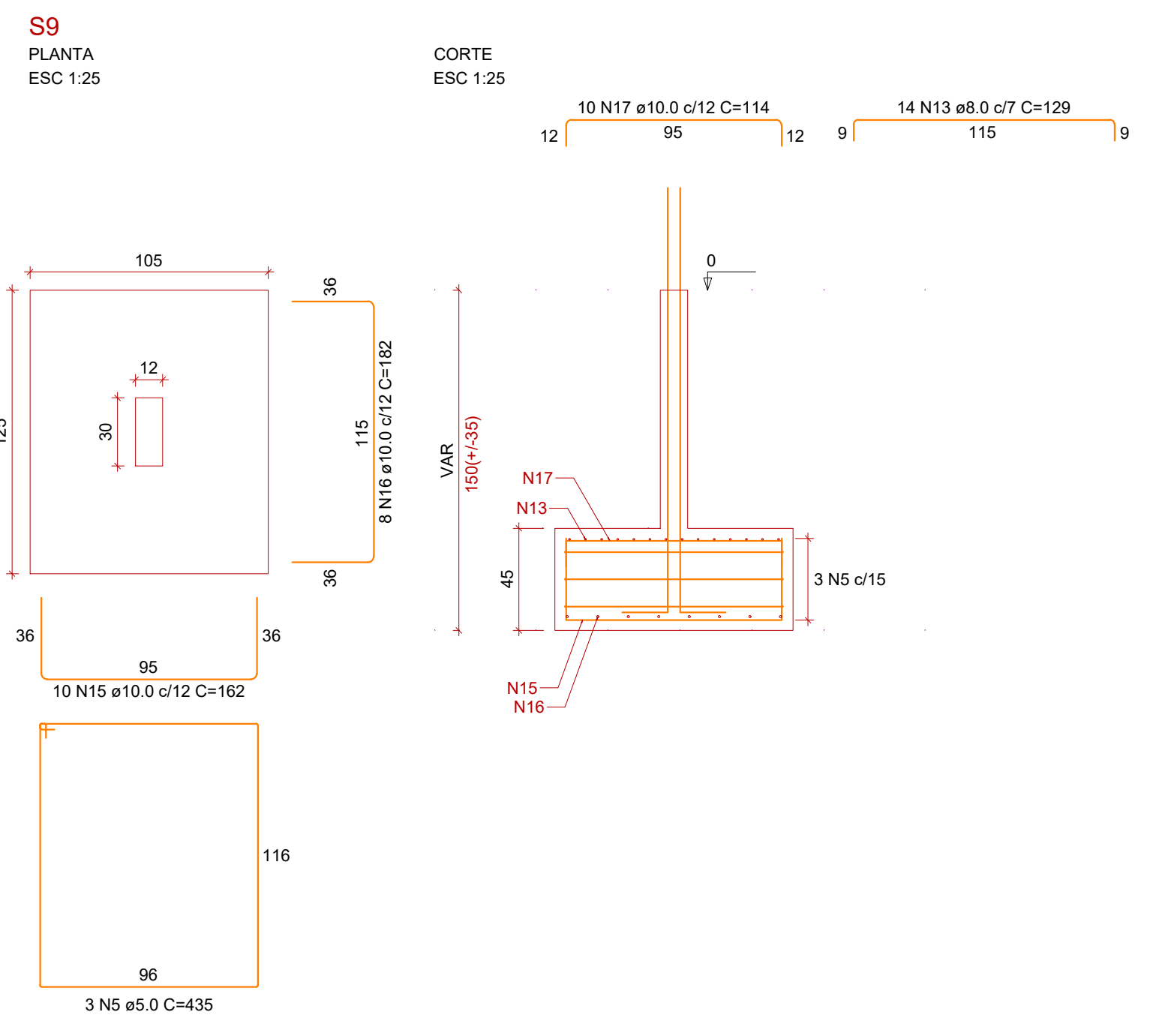
Características dos materiais				
Elemento	Etapa	Massa (das)	f _{td} (kgf/cm ²)	E _{cm} (kgf/cm ²)
Vigas	Etapa final	26	250	241500
Pilares	Etapa final	26	250	241500
Pilares pré-moldados	Desforma e armazenamento	3	114	157015
	Transporte	7	171	159136
	Montagem	10	194	209023
	Construção preliminar	21	236	233535
Sapatas	Etapa final	26	250	241500
	Etapa final	26	250	241500

Dimensão máxima do agregado = 19 mm

Legenda dos pilares	
	Pilar que nasce
	Pilar que passa
	Pilar pré-moldado que passa

Legenda das vigas e paredes	
	Viga

PROJETO ESTRUTURAL			
BARRACÃO INDUSTRIAL			
PROPRIETÁRIO:	Rua Maceió	Área do Terreno: 7.800,00 m ²	Área Coberta: 900,00 m ²
PROJETO:	01-A	176	São Lucas
MUNICÍPIO DE CÉU AZUL CNPJ: 78.288.473/0001-01 LAURINDO SPEROTTO/ PREFEITO		GIAN CARLOS BORTOLINI VALLI CREA PR- 163755-D	
ÁREA: 900,00m ²	CONTEÚDO: Planta de forma da baldrame	FORMATO: A0	PRANCHAL: 02/12
ESCALA: INDICADA	DATA: AGOSTO /2023	A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.	



RELAÇÃO DO AÇO

CAÇO	N	DIAM (mm)	QUANT	C UNIT (cm)	C TOTAL (cm)
CA50	1	5.0	364	165	60060
CA50	2	5.0	364	185	67340
CA50	3	5.0	91	22	2002
CA50	4	5.0	104	15	1560
CA50	5	5.0	3	435	1305
CA50	6	5.0	3	455	1365
CA50	7	5.0	3	445	1335
CA50	8	5.0	3	475	1425
CA50	9	5.0	9	535	4815
CA50	10	5.0	33	655	21515
CA50	11	8.0	14	494	6916
CA50	12	8.0	14	529	7406
CA50	13	8.0	14	129	1806
CA50	14	10.0	50	VAR	VAR
CA50	15	10.0	10	162	1620
CA50	16	10.0	17	188	3196
CA50	17	10.0	10	114	1140
CA50	18	10.0	21	167	3507
CA50	19	10.0	27	188	5076
CA50	20	10.0	21	167	3507
CA50	21	10.0	9	187	1683
CA50	22	10.0	9	134	1206
CA50	23	10.0	9	139	1251
CA50	24	10.0	9	119	1071
CA50	25	10.0	11	172	1892
CA50	26	10.0	45	152	6840
CA50	27	10.0	11	124	1364
CA50	28	10.0	45	144	6480
CA50	29	10.0	12	183	2196
CA50	30	10.0	10	203	2030
CA50	31	10.0	33	202	6666
CA50	32	10.0	33	154	5082
CA50	33	10.0	154	222	34188
CA50	34	10.0	143	232	33176
CA50	35	10.0	154	174	26798
CA50	36	10.0	143	184	26312

RESUMO DO AÇO

CAÇO	DIAM (mm)	C TOTAL (cm)	QUANT = 0%	PESO = 0%
CA50	8.0	640	37	173.6
CA50	10.0	1917.7	160	1182.4
CA50	5.0	1690.6	141	260.6
PESO TOTAL (kg)				
CA50				1356
CA50				260.6

Volume de concreto (C-25) = 27.58 m³
Área de forma = 124.56 m²

PROJETO ESTRUTURAL
BARRACÃO INDUSTRIAL

PROPRIETÁRIO: Rua Maceió, 176, São Lucas, CÉU AZUL - PR

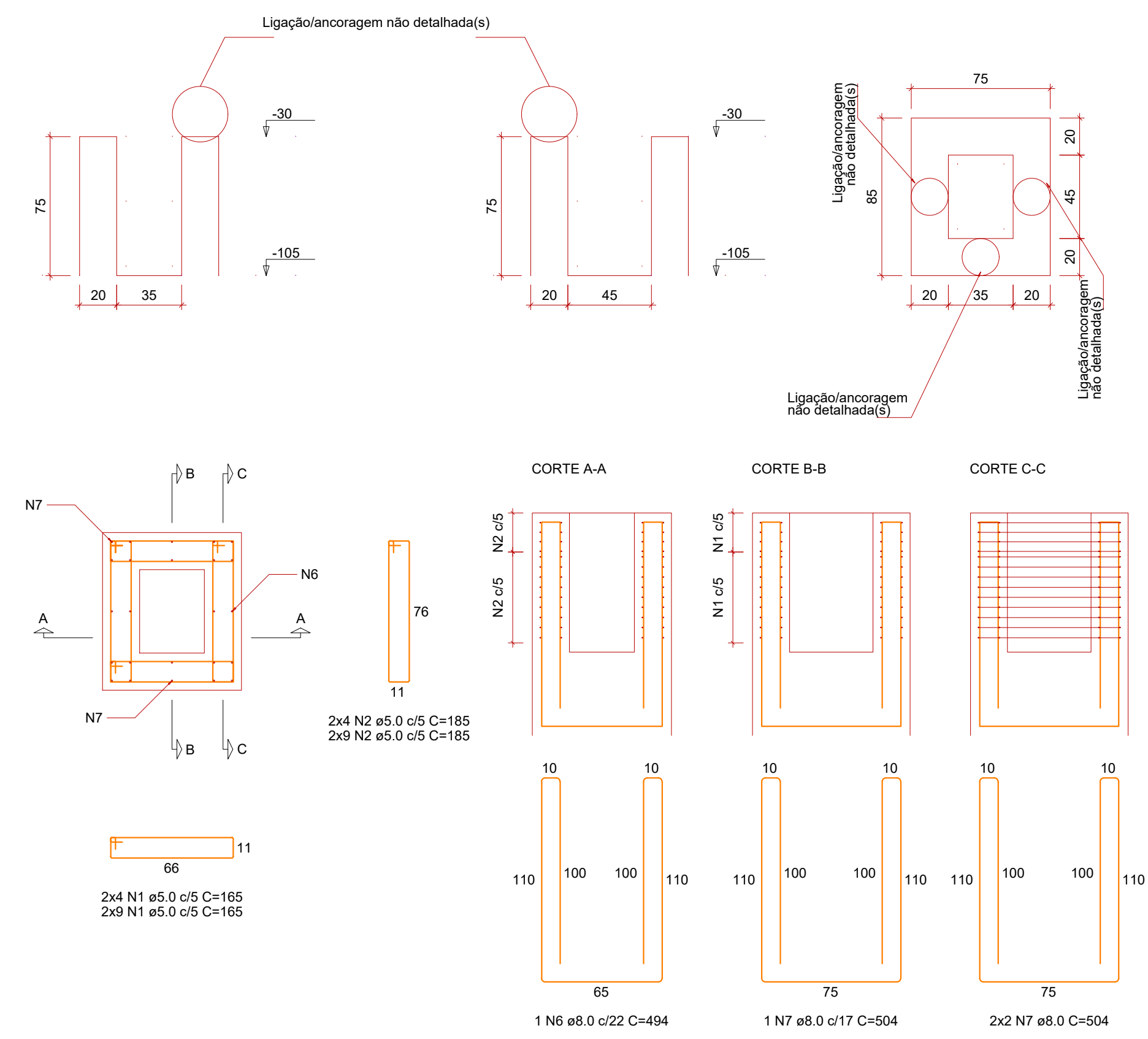
PROJETO: CÉU AZUL - PR

MUNICÍPIO DE CÉU AZUL
CNPJ: 78.208.473/0001-01
LAURINDO SPEROTTO / PREFEITO

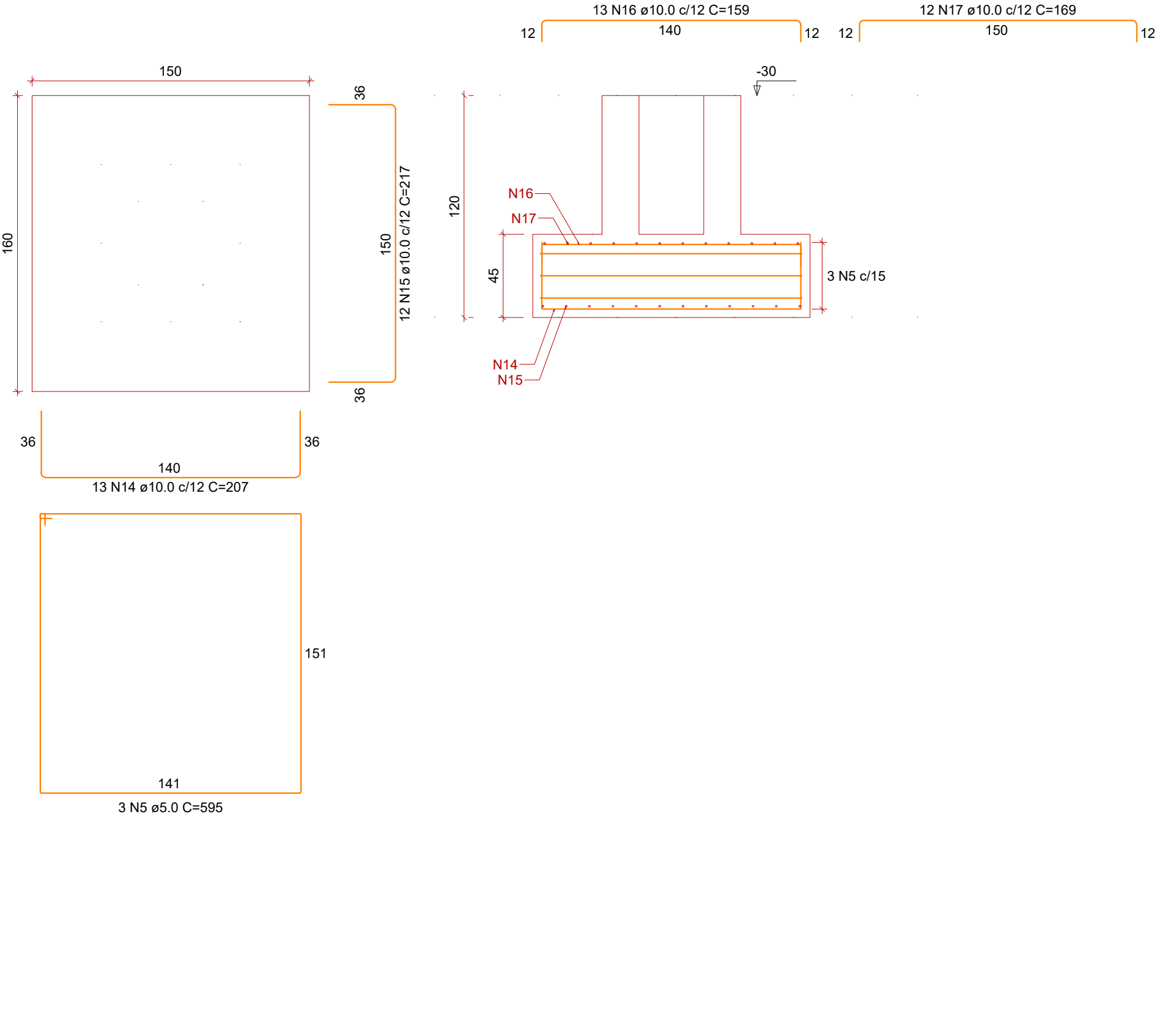
PROJETO: GIAN CARLOS BORTOLINI VALLI
CREA PR: 163755/D

ÁREA: 900,00m²
CONTEÚDO: Detalhamento das sapatas e cálceos
FORMATO: A0
ESCALA: INDICADA
PRANCHAS: 03/12
DATA: AGOSTO/2023
A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.

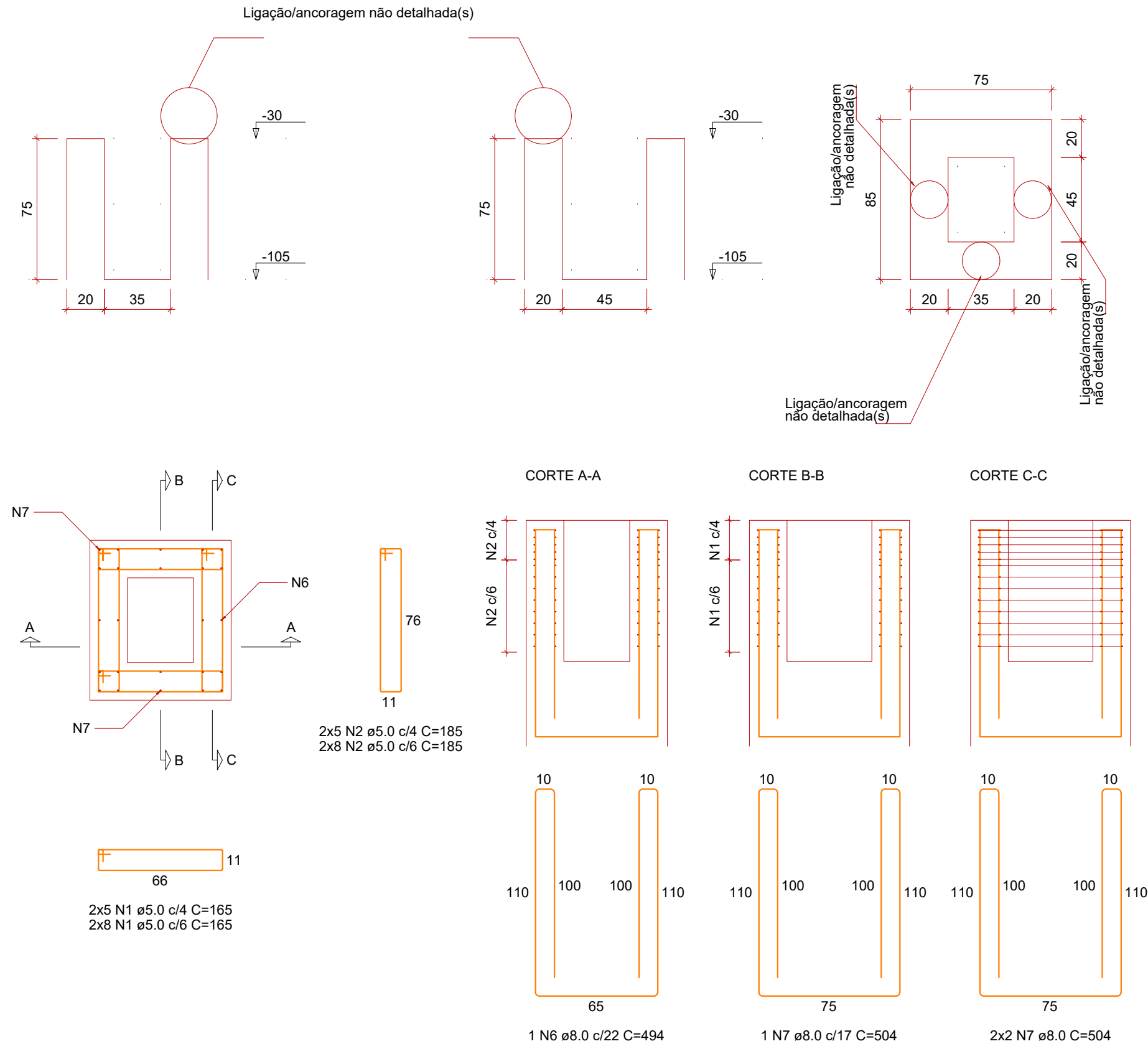
Cálce (PP3=PP5=PP7=PP22=PP24)
ESC 1:25



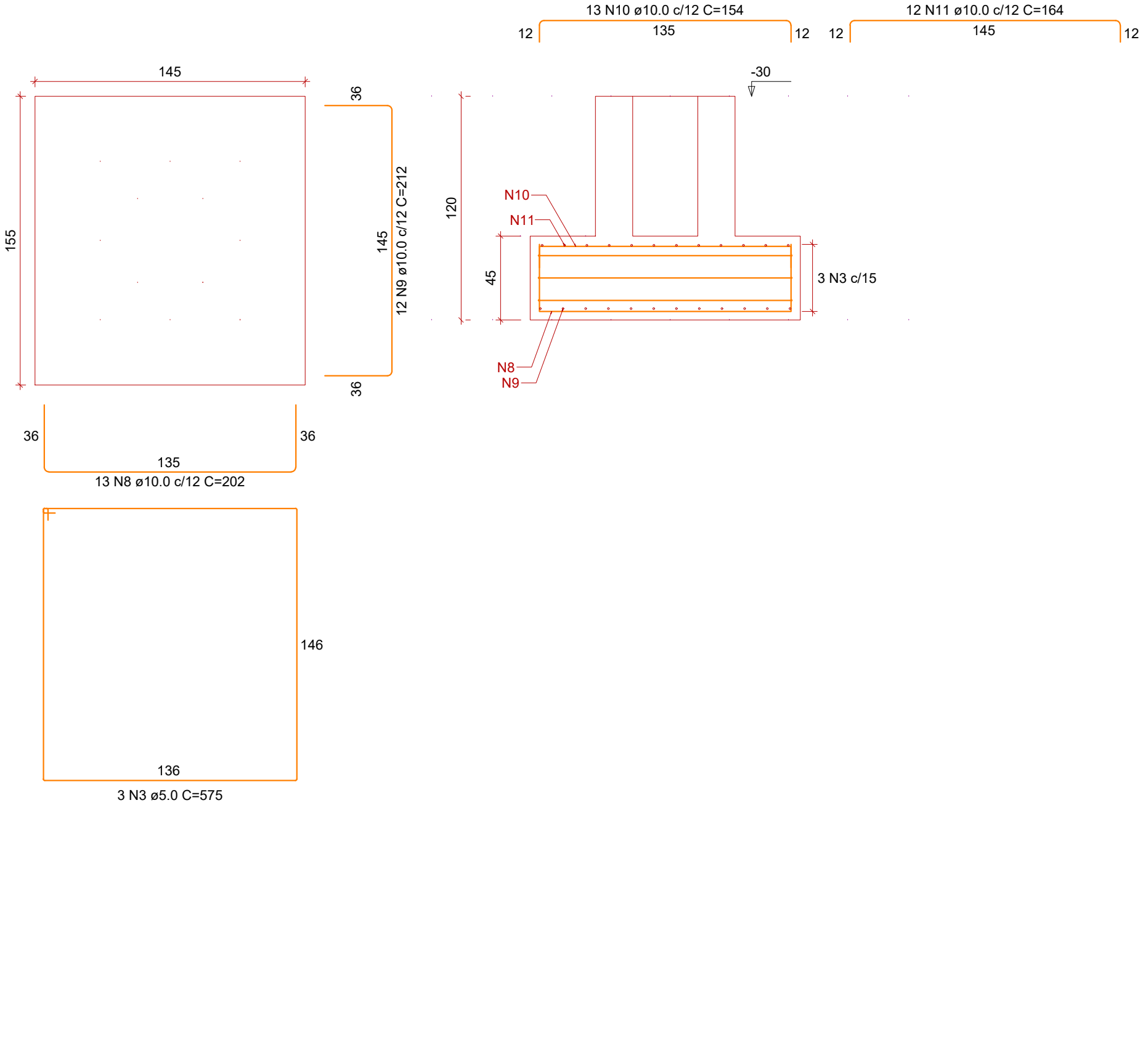
SP3=SP5=SP7=SP22=SP24
PLANTA
ESC 1:25



Cálce PP9
ESC 1:25



SP9
PLANTA
ESC 1:25



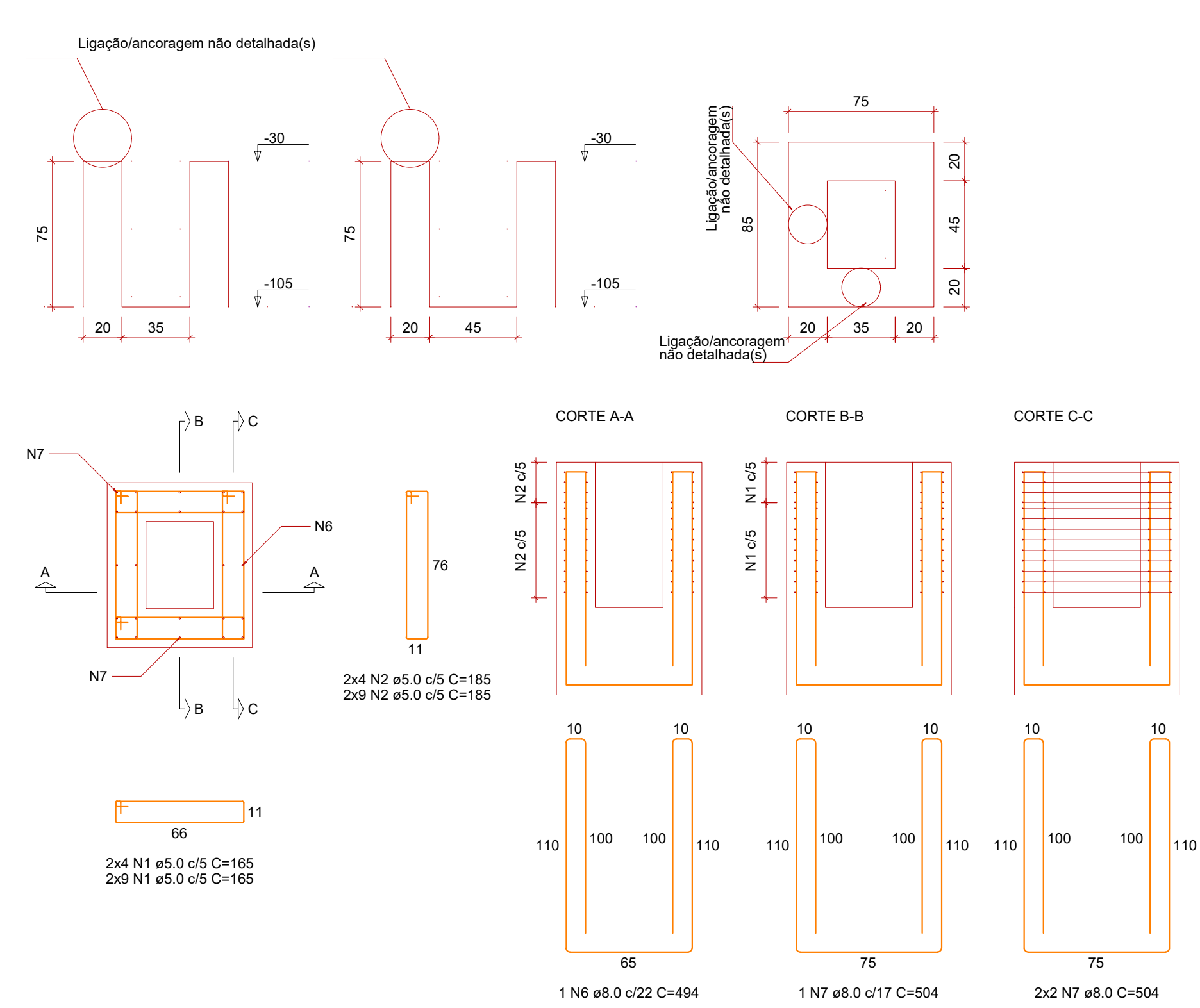
RELAÇÃO DO AÇO

CAÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	3.0	312	185	57480
CA50	2	5.0	312	185	57230
CA50	3	5.0	3	575	1725
CA50	4	5.0	18	615	11070
CA50	5	5.0	15	585	8775
CA50	6	8.0	12	494	5928
CA50	7	8.0	60	534	32040
CA50	8	10.0	13	202	2626
CA50	9	10.0	80	212	16960
CA50	10	10.0	13	154	2002
CA50	11	10.0	80	164	13120
CA50	12	10.0	78	222	17316
CA50	13	10.0	78	174	13572
CA50	14	10.0	65	207	13455
CA50	15	10.0	60	217	13020
CA50	16	10.0	65	159	10335
CA50	17	10.0	60	155	9300

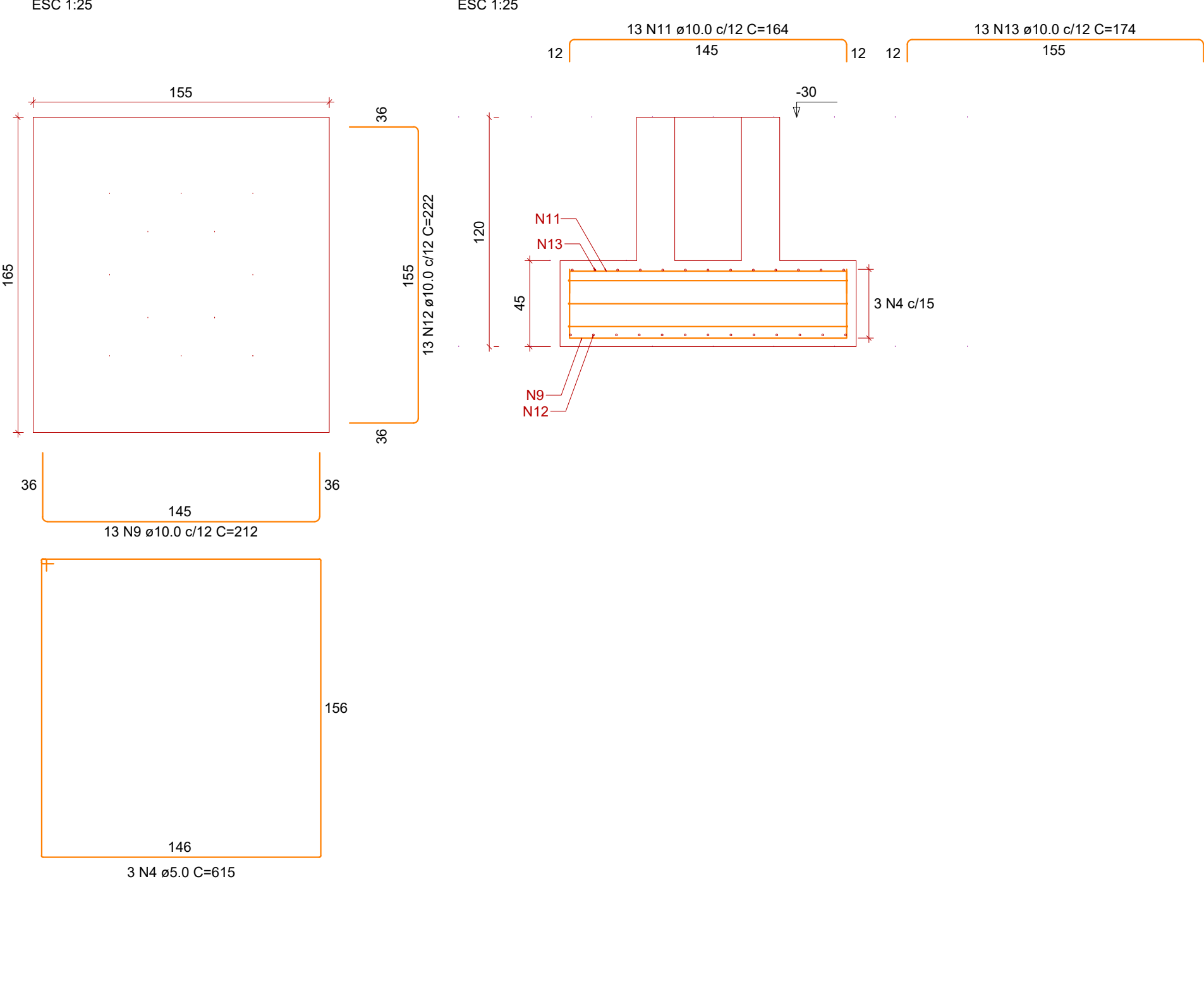
RESUMO DO AÇO

CAÇO	DIAM (mm)	C.TOTAL (cm)	QUANT = 0%	PESO = 0%
CA50	8.0	361.7	31	142.7
CA50	10.0	1163.1	87	777.1
CA50	5.0	1399.2	110	201.6
PESO TOTAL (kg)				
CA50		859.8		
CA50		201.6		
Volume de concreto (C=20) = 17.64 m³				
Área de forma = 84.33 m²				

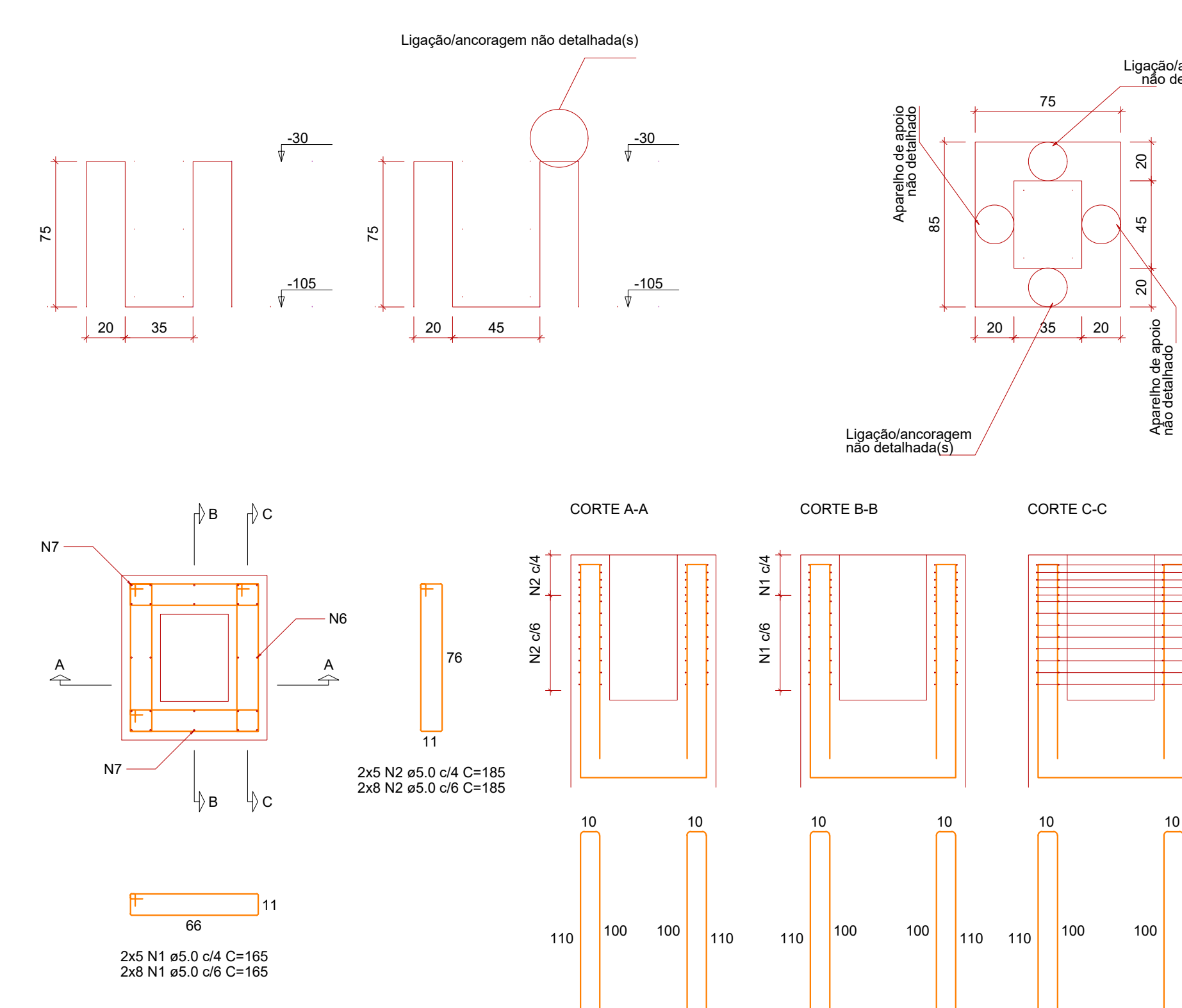
Cálce (PP11=PP18=PP20)
ESC 1:25



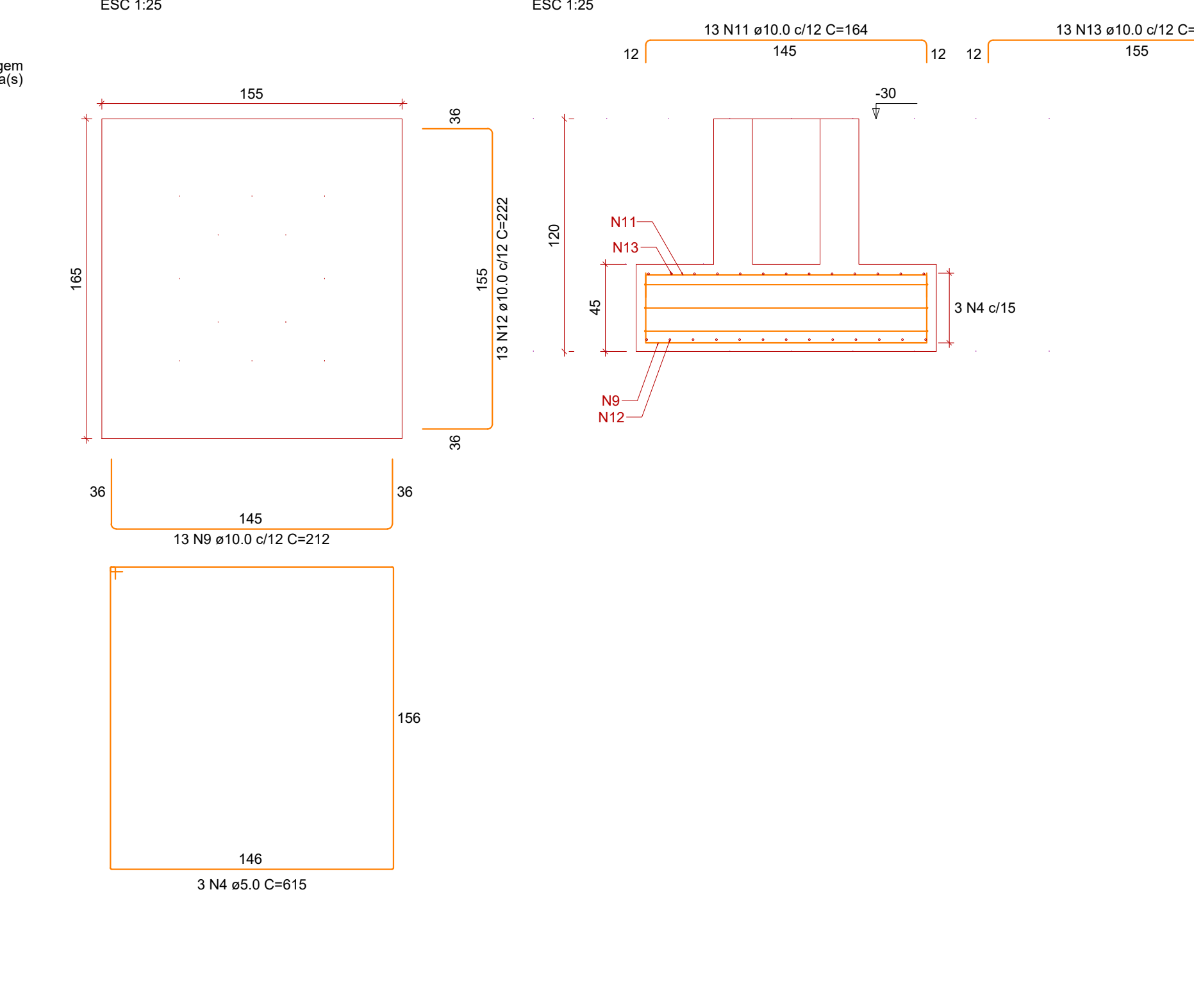
SP11=SP18=SP20
PLANTA
ESC 1:25



Cálce (PP13=PP15=PP26)
ESC 1:25



SP13=SP15=SP26
PLANTA
ESC 1:25



PROJETO ESTRUTURAL
BARRACÃO INDUSTRIAL

Rua Maceió 7.800,00 m² 900,00 m²

PROPRIETÁRIO: 01-A 176 SÃO LUCAS CÉU AZUL - PR

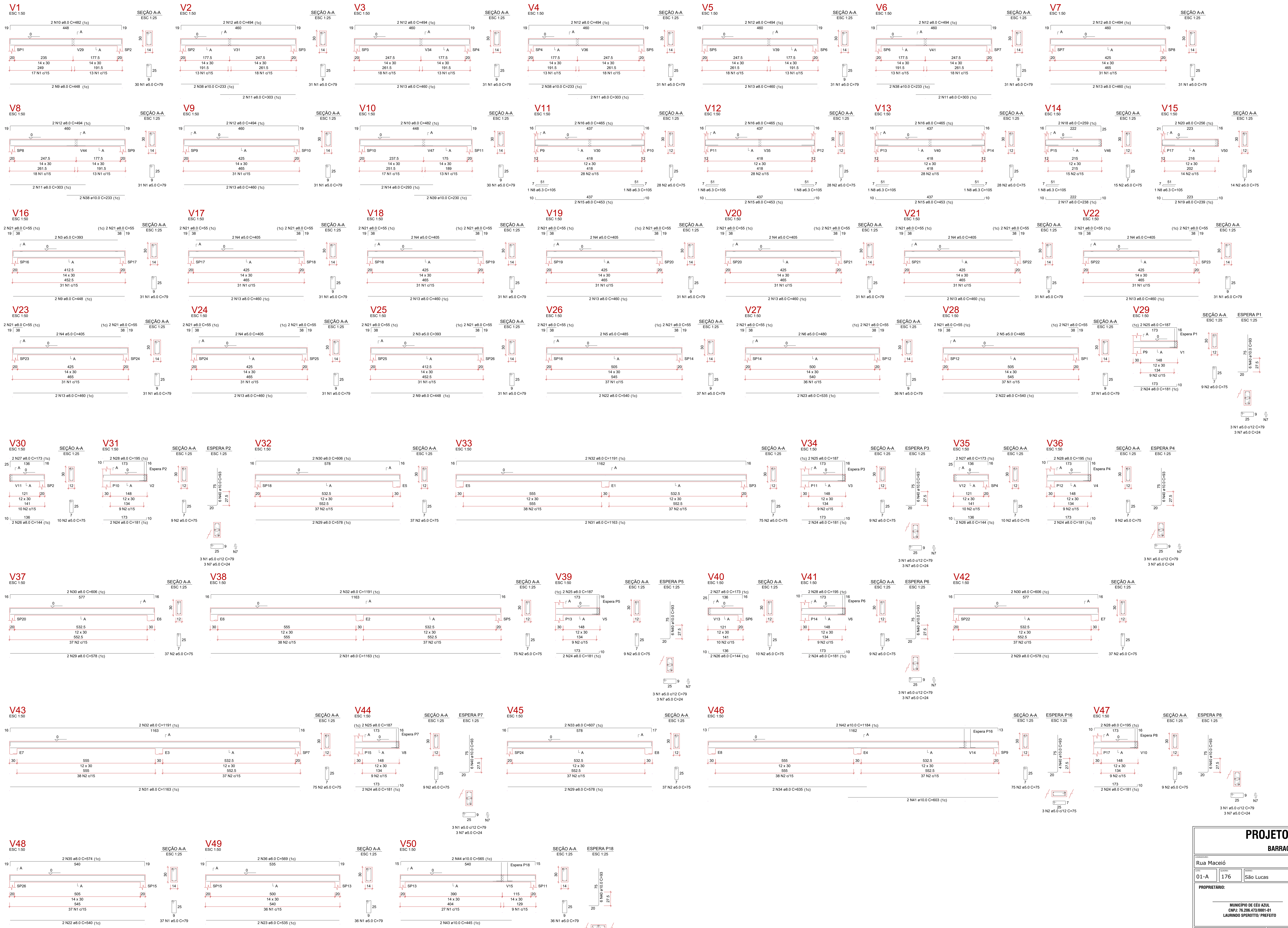
PROJETO: MUNICÍPIO DE CÉU AZUL CNPJ: 78.208.473/0001-01 LAURINDO SPEROTTO/ PREFEITO GIAN CARLOS BORTOLINI VALLI CREA PR: 163755/D

ÁREA: 900,00m² CONTEÚDO: Detalhamento das sapatas e cálcecs FORMATO: A0

ESCALA: INDICADA PRANCHAL: 04/12

DATA: AGOSTO/2023

A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.



RELAÇÃO DO AÇO

ACAO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
V1	1	5.0	864	79	68256
V2	2	5.0	668	75	49950
V3	3	5.0	4	393	1572
V4	4	5.0	18	405	6480
V5	5	5.0	4	485	1940
V6	6	5.0	2	440	880
V7	7	5.0	2	24	48
V8	8	6.3	8	105	840
V9	9	6.3	8	448	3584
V10	10	8.0	4	482	1928
V11	11	8.0	16	303	2424
V12	12	8.0	16	494	7904
V13	13	8.0	24	460	11040
V14	14	8.0	2	233	298
V15	15	8.0	2	453	718
V16	16	8.0	2	405	790
V17	17	8.0	2	238	298
V18	18	8.0	2	239	298
V19	19	8.0	2	238	298
V20	20	8.0	2	236	298
V21	21	8.0	2	236	298
V22	22	8.0	2	236	298
V23	23	8.0	2	236	298
V24	24	8.0	2	236	298
V25	25	8.0	2	236	298
V26	26	8.0	2	236	298
V27	27	8.0	2	236	298
V28	28	8.0	2	236	298
V29	29	8.0	2	236	298
V30	30	8.0	2	236	298
V31	31	8.0	2	236	298
V32	32	8.0	2	236	298
V33	33	8.0	2	236	298
V34	34	8.0	2	236	298
V35	35	8.0	2	236	298
V36	36	8.0	2	236	298
V37	37	8.0	2	236	298
V38	38	8.0	2	236	298
V39	39	8.0	2	236	298
V40	40	8.0	2	236	298
V41	41	8.0	2	236	298
V42	42	8.0	2	236	298
V43	43	8.0	2	236	298
V44	44	8.0	2	236	298
V45	45	8.0	2	236	298
V46	46	8.0	2	236	298
V47	47	8.0	2	236	298
V48	48	8.0	2	236	298
V49	49	8.0	2	236	298
V50	50	8.0	2	236	298

RESUMO DO AÇO

ACAO	DIAM (mm)	C.TOTAL (cm)	QUANT + 0%	PESO + 0%
CA50	5.0	3.4	1	2.1
CA50	6.3	775.5	65	306.4
CA50	8.0	125.1	12	82.1
CA50	10.0	1298.1	109	200.1
PESO TOTAL				390.5
CA50				290.1
				100.4

Volume de concreto (0.25) = 9.00 m³
 Área de forma = 167.17 m²

PROJETO ESTRUTURAL
BARRACÃO INDUSTRIAL

PROPRIETÁRIO: Rua Macaé, 176, São Lucas
 ÁREA: 900,00m²

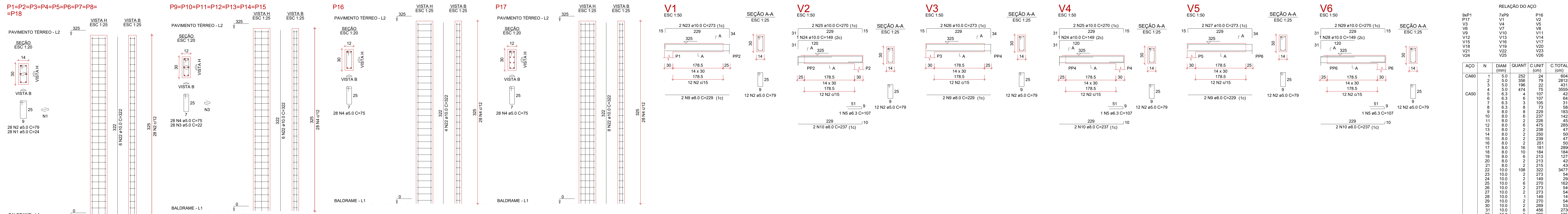
PROJETO: CÉU AZUL - PR
 MUNICÍPIO DE CÉU AZUL, CNPJ: 78.288.473/0001-01, LAURINDO SPEROTTO / PREFEITO

PROJETADEIRO: GIAN CARLOS BORTOLINI VALLI, CREA PR: 163755-D

CONTENIDO: Detalhamento das vigas baldrames

FORMATO: A0
 PRANCHETA: 05/12
 DATA: AGOSTO/2023

A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.



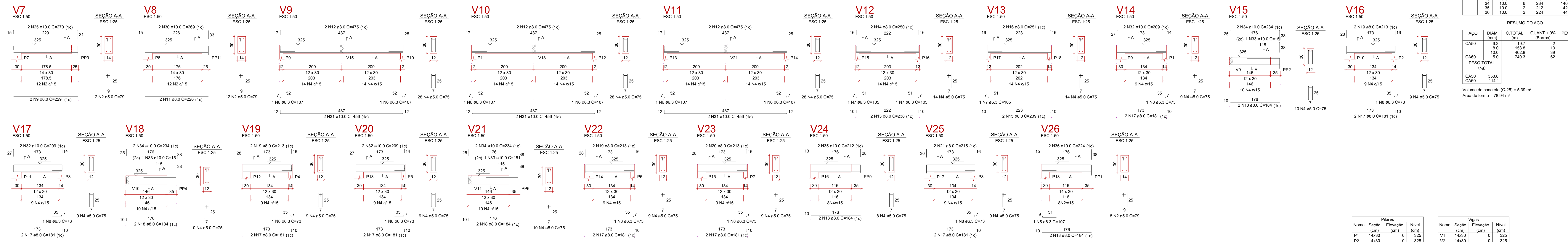
ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	252	24	6048
CA60	2	3.0	356	79	28124
CA60	3	5.0	196	22	4312
CA60	4	6.3	474	13	6042
CA60	5	6.3	4	107	428
CA60	6	6.3	3	73	219
CA60	7	6.3	3	105	315
CA60	8	6.3	3	73	219
CA60	9	8.0	8	229	1832
CA60	10	8.0	8	229	1832
CA60	11	8.0	8	229	1832
CA60	12	8.0	8	229	1832
CA60	13	8.0	8	229	1832
CA60	14	8.0	8	229	1832
CA60	15	8.0	8	229	1832
CA60	16	8.0	8	229	1832
CA60	17	8.0	16	181	2896
CA60	18	8.0	10	184	1840
CA60	19	8.0	8	213	1278
CA60	20	8.0	10	213	426
CA60	21	8.0	8	215	430
CA60	22	10.0	188	322	34776
CA60	23	10.0	2	273	546
CA60	24	10.0	2	273	546
CA60	25	10.0	2	273	546
CA60	26	10.0	2	273	546
CA60	27	10.0	2	273	546
CA60	28	10.0	2	273	546
CA60	29	10.0	2	273	546
CA60	30	10.0	2	273	546
CA60	31	10.0	6	456	2736
CA60	32	10.0	6	209	1254
CA60	33	10.0	6	151	453
CA60	34	10.0	6	234	1404
CA60	35	10.0	6	212	424
CA60	36	10.0	6	224	448

ACO	DIAM (mm)	C.TOTAL (m)	QUANT + 0%	PESO + 0%
CA50	6.3	19.7	2	4.6
CA50	10.0	462.8	39	60.7
CA60	10.0	760.3	39	285.3
CA60	114.1	350.8	1	114.1

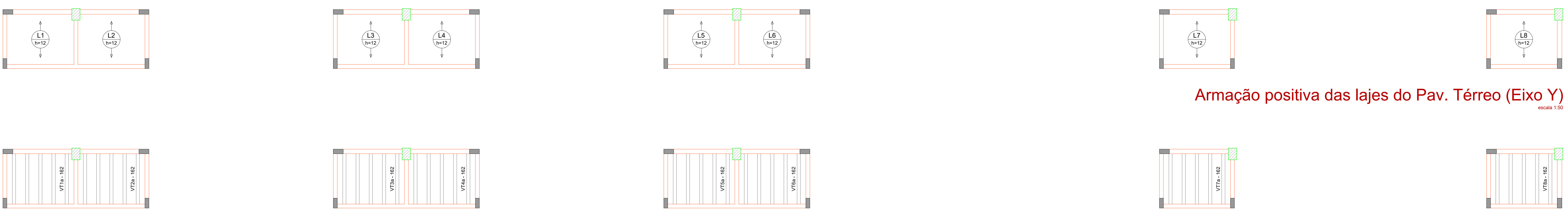
PESO TOTAL (kg) = 784.7

Volume de concreto (C-25) = 5.39 m³

Área de forma = 78.94 m²



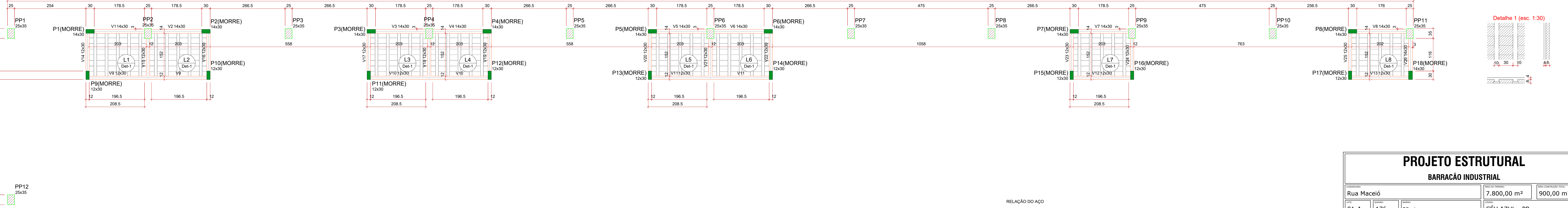
Nome	Seção	Pilares	Nível
P1	14x30	0	325
P2	14x30	0	325
P3	14x30	0	325
P4	14x30	0	325
P5	14x30	0	325
P6	14x30	0	325
P7	14x30	0	325
P8	14x30	0	325
P9	12x30	0	325
P10	12x30	0	325
P11	12x30	0	325
P12	12x30	0	325
P13	12x30	0	325
P14	12x30	0	325
P15	12x30	0	325
P16	12x30	0	325
P17	12x30	0	325
P18	14x30	0	325
PP1	25x35	0	325
PP2	25x35	0	325
PP3	25x35	0	325
PP4	25x35	0	325
PP5	25x35	0	325
PP6	25x35	0	325
PP7	25x35	0	325
PP8	25x35	0	325
PP9	25x35	0	325
PP10	25x35	0	325
PP11	25x35	0	325
PP12	25x35	0	325
PP13	25x35	0	325
PP14	25x35	0	325
PP15	25x35	0	325
PP16	25x35	0	325
PP17	25x35	0	325
PP18	25x35	0	325
PP19	25x35	0	325
PP20	25x35	0	325
PP21	25x35	0	325
PP22	25x35	0	325
PP23	25x35	0	325
PP24	25x35	0	325
PP25	25x35	0	325
PP26	25x35	0	325



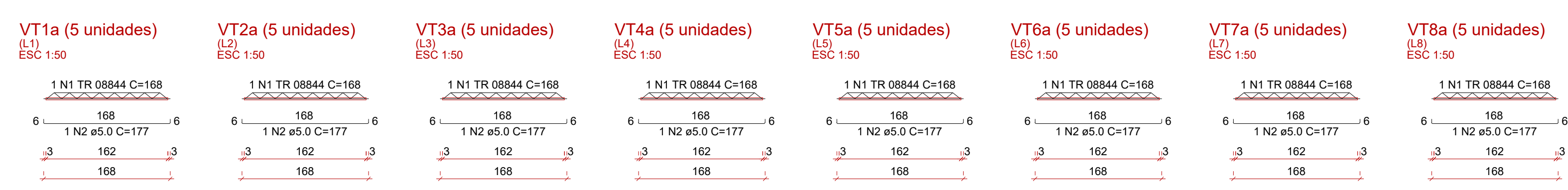
Armação positiva das lajes do Pav. Térreo (Eixo Y) escala 1:50



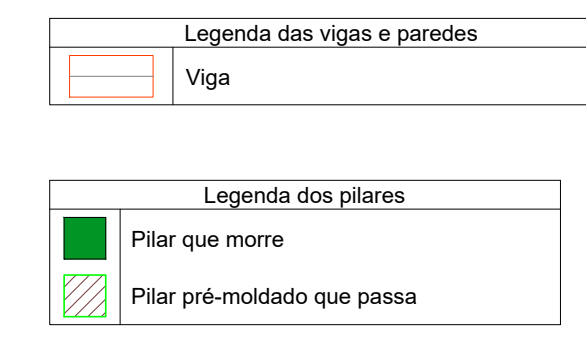
Planta de vigotas pré-moldadas escala 1:50



Forma do Pav. Térreo (Nível 325) escala 1:50



ACO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	70.8	67.2	10.9
CA60	2	3.0	70.8	67.2	10.9
CA60	3	5.0	70.8	67.2	10.9
CA60	4	6.3	70.8	67.2	10.9
CA60	5	6.3	70.8	67.2	10.9
CA60	6	6.3	70.8	67.2	10.9
CA60	7	6.3	70.8	67.2	10.9
CA60	8	6.3	70.8	67.2	10.9
CA60	9	8.0	70.8	67.2	10.9
CA60	10	8.0	70.8	67.2	10.9
CA60	11	8.0	70.8	67.2	10.9
CA60	12	8.0	70.8	67.2	10.9
CA60	13	8.0	70.8	67.2	10.9
CA60	14	8.0	70.8	67.2	10.9
CA60	15	8.0	70.8	67.2	10.9
CA60	16	8.0	70.8	67.2	10.9
CA60	17	8.0	70.8	67.2	10.9
CA60	18	8.0	70.8	67.2	10.9
CA60	19	8.0	70.8	67.2	10.9
CA60	20	8.0	70.8	67.2	10.9
CA60	21	8.0	70.8	67.2	10.9
CA60	22	8.0	70.8	67.2	10.9
CA60	23	8.0	70.8	67.2	10.9
CA60	24	8.0	70.8	67.2	10.9
CA60	25	8.0	70.8	67.2	10.9
CA60	26	8.0	70.8	67.2	10.9
CA60	27	8.0	70.8	67.2	10.9
CA60	28	8.0	70.8	67.2	10.9
CA60	29	8.0	70.8	67.2	10.9
CA60	30	8.0	70.8	67.2	10.9
CA60	31	8.0	70.8	67.2	10.9
CA60	32	8.0	70.8	67.2	10.9
CA60	33	8.0	70.8	67.2	10.9
CA60	34	8.0	70.8	67.2	10.9
CA60	35	8.0	70.8	67.2	10.9
CA60	36	8.0	70.8	67.2	10.9
CA60	37	8.0	70.8	67.2	10.9
CA60	38	8.0	70.8	67.2	10.9
CA60	39	8.0	70.8	67.2	10.9
CA60	40	8.0	70.8	67.2	10.9
CA60	41	8.0	70.8	67.2	10.9
CA60	42	8.0	70.8	67.2	10.9
CA60	43	8.0	70.8	67.2	10.9
CA60	44	8.0	70.8	67.2	10.9
CA60	45	8.0	70.8	67.2	10.9
CA60	46	8.0	70.8	67.2	10.9
CA60	47	8.0	70.8	67.2	10.9
CA60	48	8.0	70.8	67.2	10.9
CA60	49	8.0	70.8	67.2	10.9
CA60	50	8.0	70.8	67.2	10.9
CA60	51	8.0	70.8	67.2	10.9
CA60	52	8.0	70.8	67.2	10.9
CA60	53	8.0	70.8	67.2	10.9
CA60	54	8.0	70.8	67.2	10.9
CA60	55	8.0	70.8	67.2	10.9
CA60	56	8.0	70.8	67.2	10.9
CA60	57	8.0	70.8	67.2	10.9
CA60	58	8.0	70.8	67.2	10.9
CA60	59	8.0	70.8	67.2	10.9
CA60	60	8.0	70.8	67.2	10.9
CA60	61	8.0	70.8	67.2	10.9
CA60	62	8.0	70.8	67.2	10.9
CA60	63	8.0	70.8	67.2	10.9
CA60	64	8.0	70.8	67.2	10.9
CA60	65	8.0	70.8	67.2	10.9
CA60	66	8.0	70.8	67.2	10.9
CA60	67	8.0	70.8	67.2	10.9
CA60	68	8.0	70.8	67.2	10.9
CA60	69	8.0	70.8	67.2	10.9
CA60	70	8.0	70.8	67.2	10.9
CA60	71	8.0	70.8	67.2	10.9
CA60	72	8.0	70.8	67.2	10.9
CA60	73	8.0	70.8	67.2	10.9
CA60	74	8.0	70.8	67.2	10.9
CA60	75	8.0	70.8	67.2	10.9
CA60	76	8.0	70.8	67.2	10.9
CA60	77	8.0	70.8	67.2	10.9
CA60	78	8.0	70.8	67.2	10.9
CA60	79	8.0	70.8	67.2	10.9
CA60	80	8.0	70.8	67.2	10.9
CA60	81	8.0	70.8	67.2	10.9
CA60	82	8.0	70.8	67.2	10.9
CA60	83	8.0	70.8	67.2	10.9
CA60	84	8.0	70.8	67.2	10.9
CA60	85	8.0	70.8	67.2	10.9
CA60	86	8.0	70.8	67.2	10.9
CA60	87	8.0	70.8	67.2	10.9
CA60	88	8.0	70.8	67.2	10.9
CA60	89	8.0	70.8	67.2	10.9
CA60	90	8.0	70.8	67.2	10.9
CA60	91	8.0	70.8	67.2	10.9
CA60	92	8.0	70.8	67.2	10.9
CA60	93	8.0	70.8	67.2	10.9
CA60	94	8.0	70.8	67.2	10.9
CA60	95	8.0	70.8	67.2	10.9
CA60	96	8.0	70.8	67.2	10.9
CA60	97	8.0	70.8	67.2	10.9
CA60	98	8.0	70.8	67.2	10.9
CA60	99	8.0	70.8	67.2	10.9
CA60	100	8.0	70.8	67.2	10.9



PROJETO ESTRUTURAL

BARRACÃO INDUSTRIAL

Rua Macedo 7.800,00 m² 900,00 m²

01-A 176 São Lucas CÉU AZUL - PR

PROPRIETÁRIO: MUNICÍPIO DE CÉU AZUL
 CNPJ: 78.208.473/0001-01
 LAURINDO SPEROTTO / PREFEITO

PROJETO: GIAN CARLOS BORTOLINI VALLI
 CREA PR: 163755/0

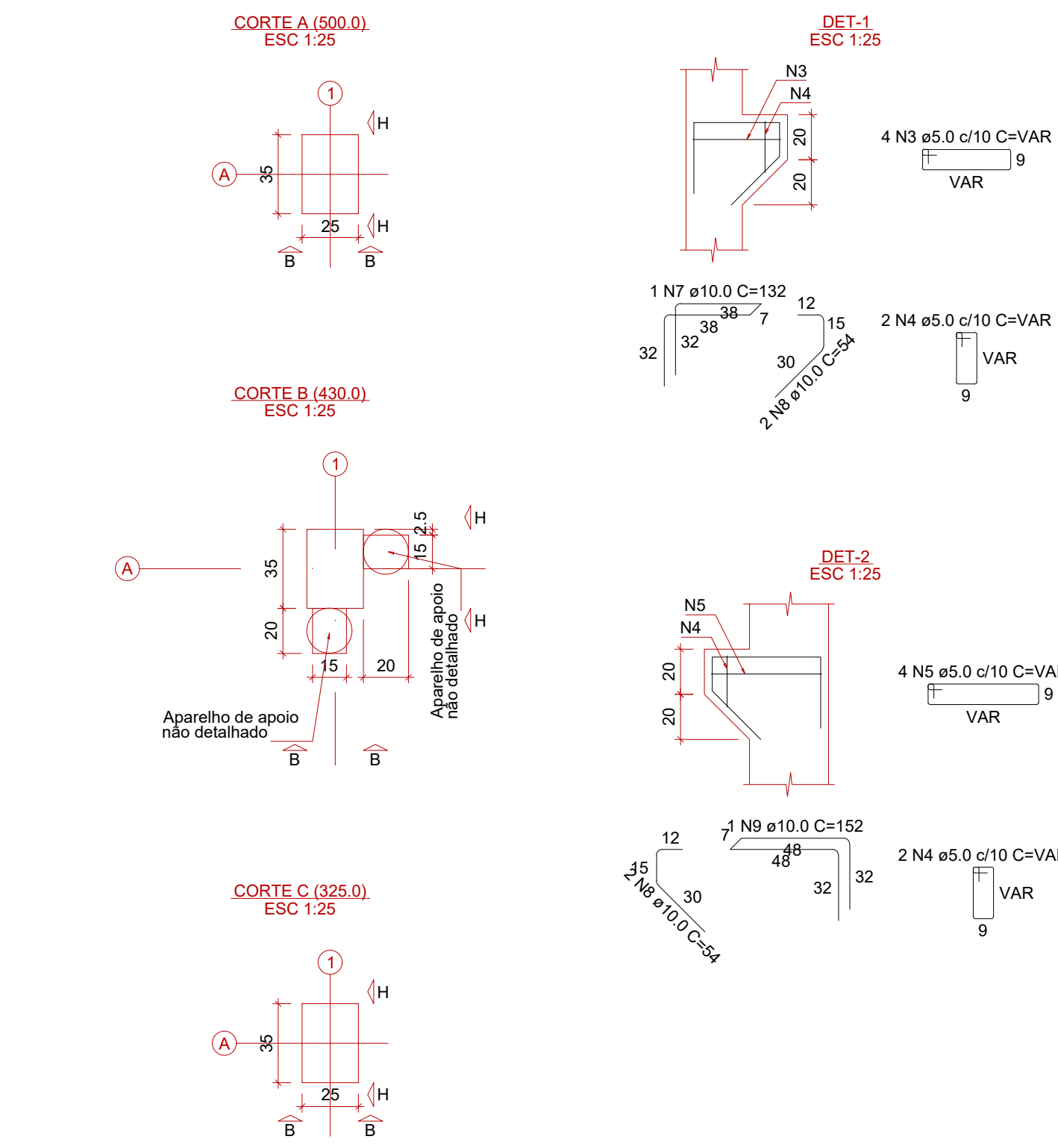
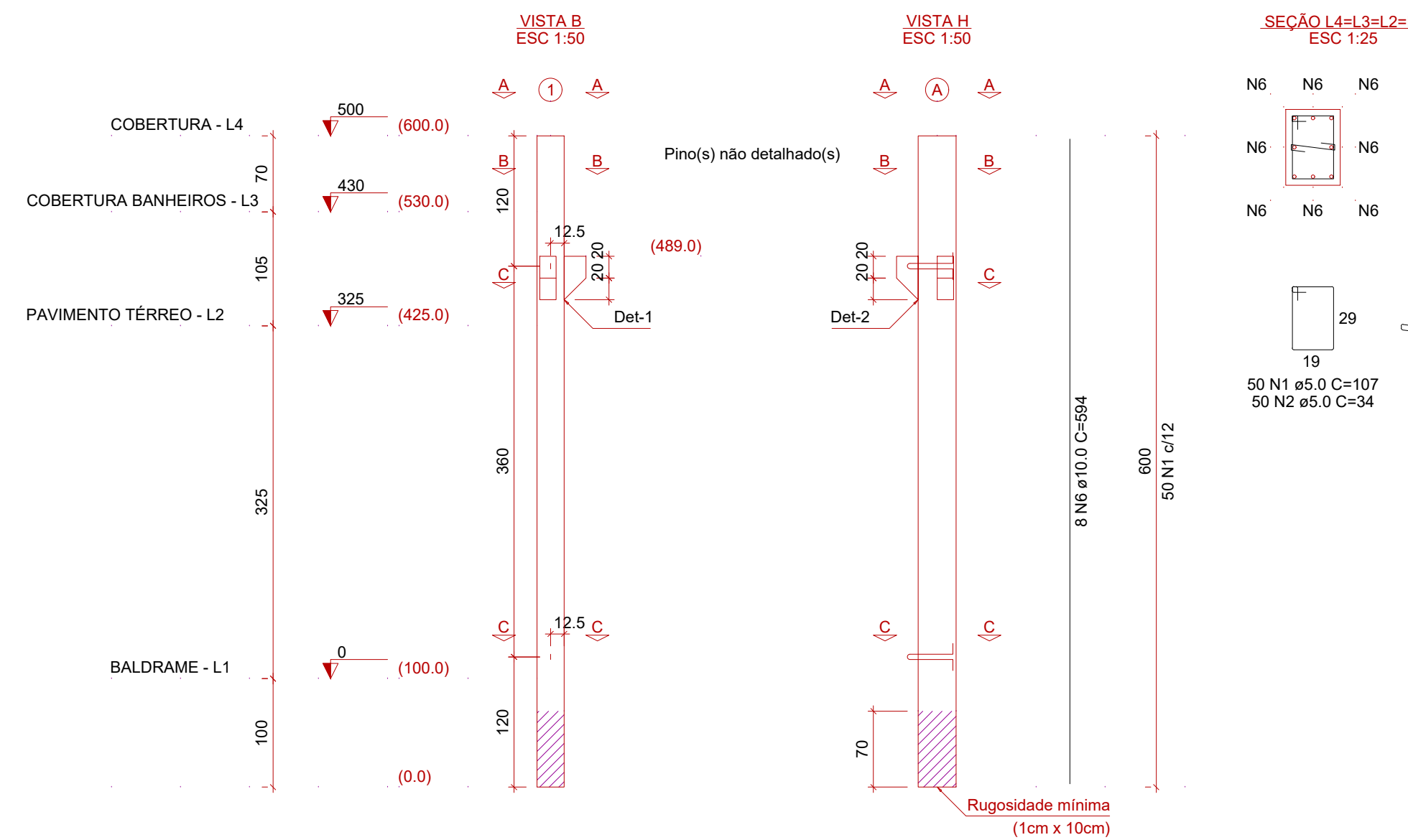
ÁREA: 900,00m² CONTEÚDO: Detalhamento dos pilares, vigas e lajes do Pav. Térreo; Planta de forma

ESCALA: INDICADA DATA: AGOSTO/2023

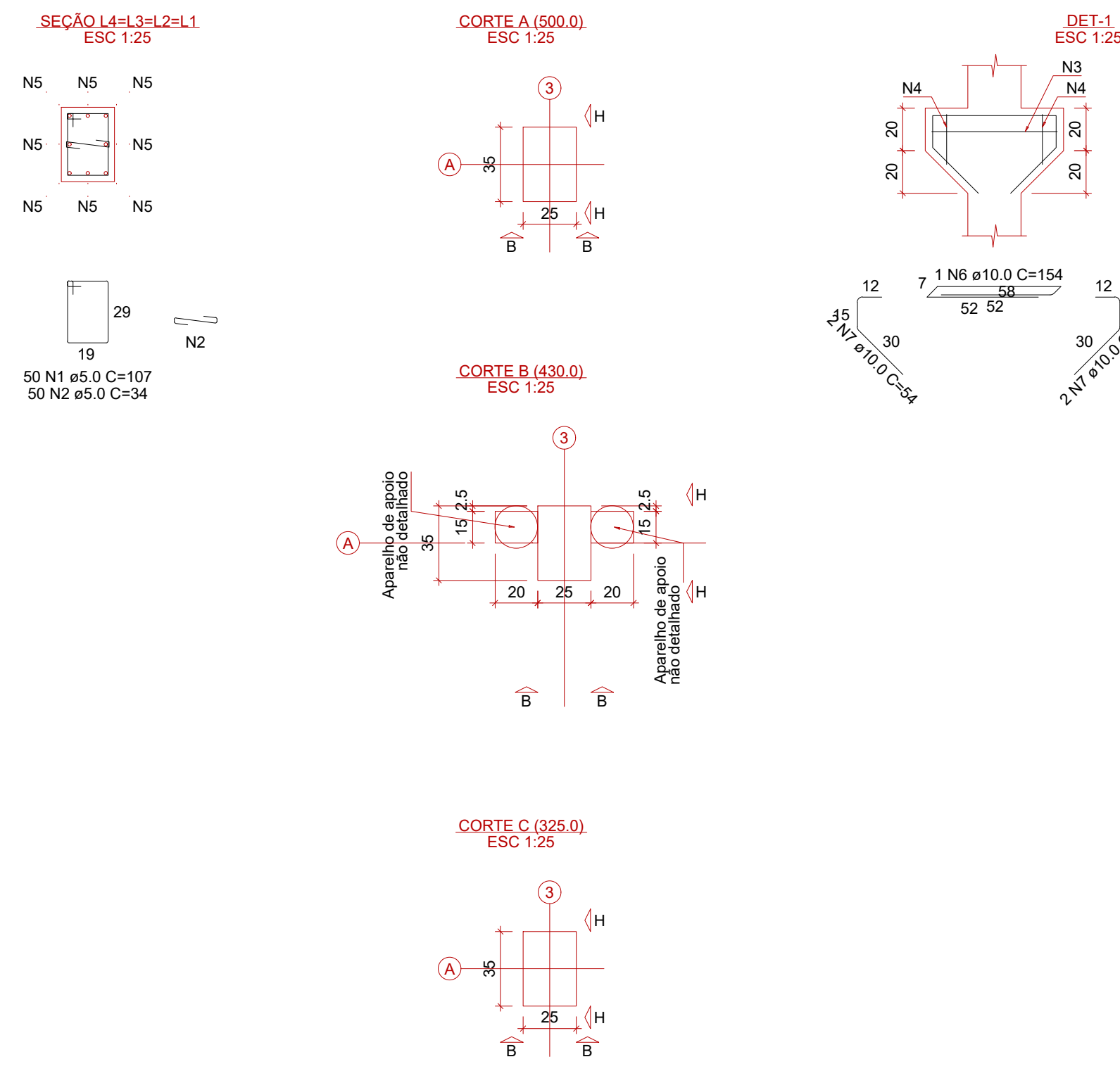
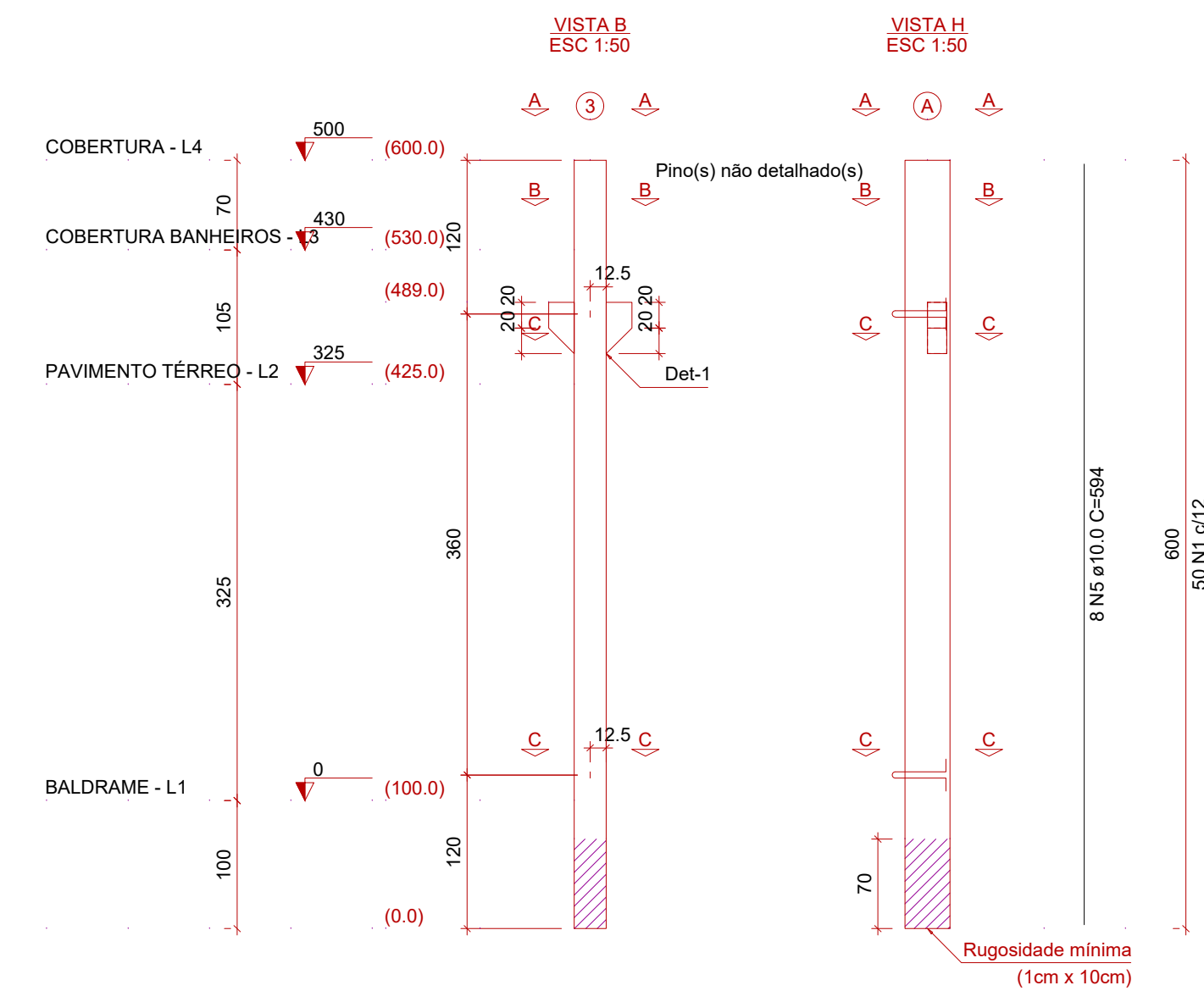
PRONAL: 06/12

A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.

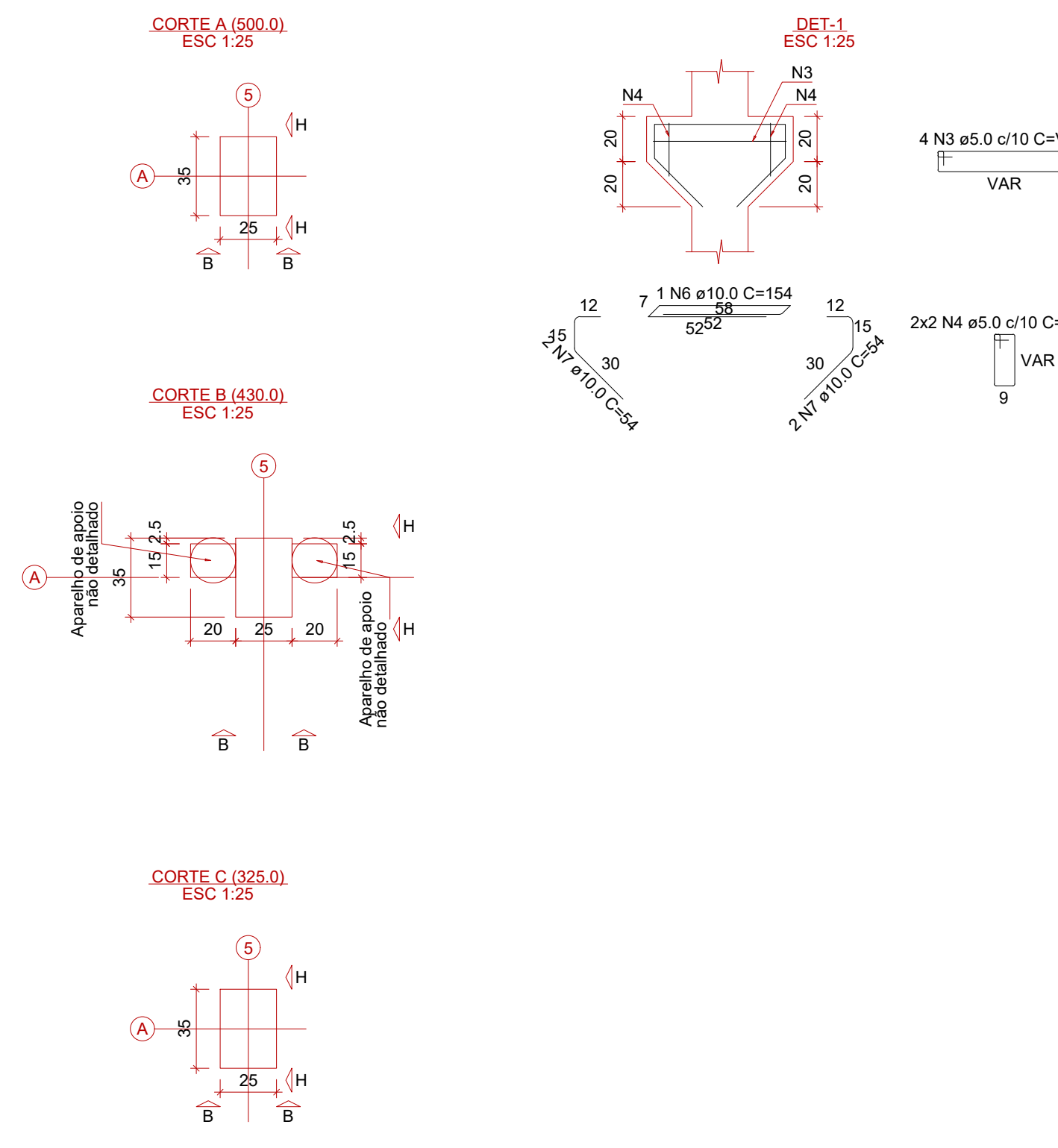
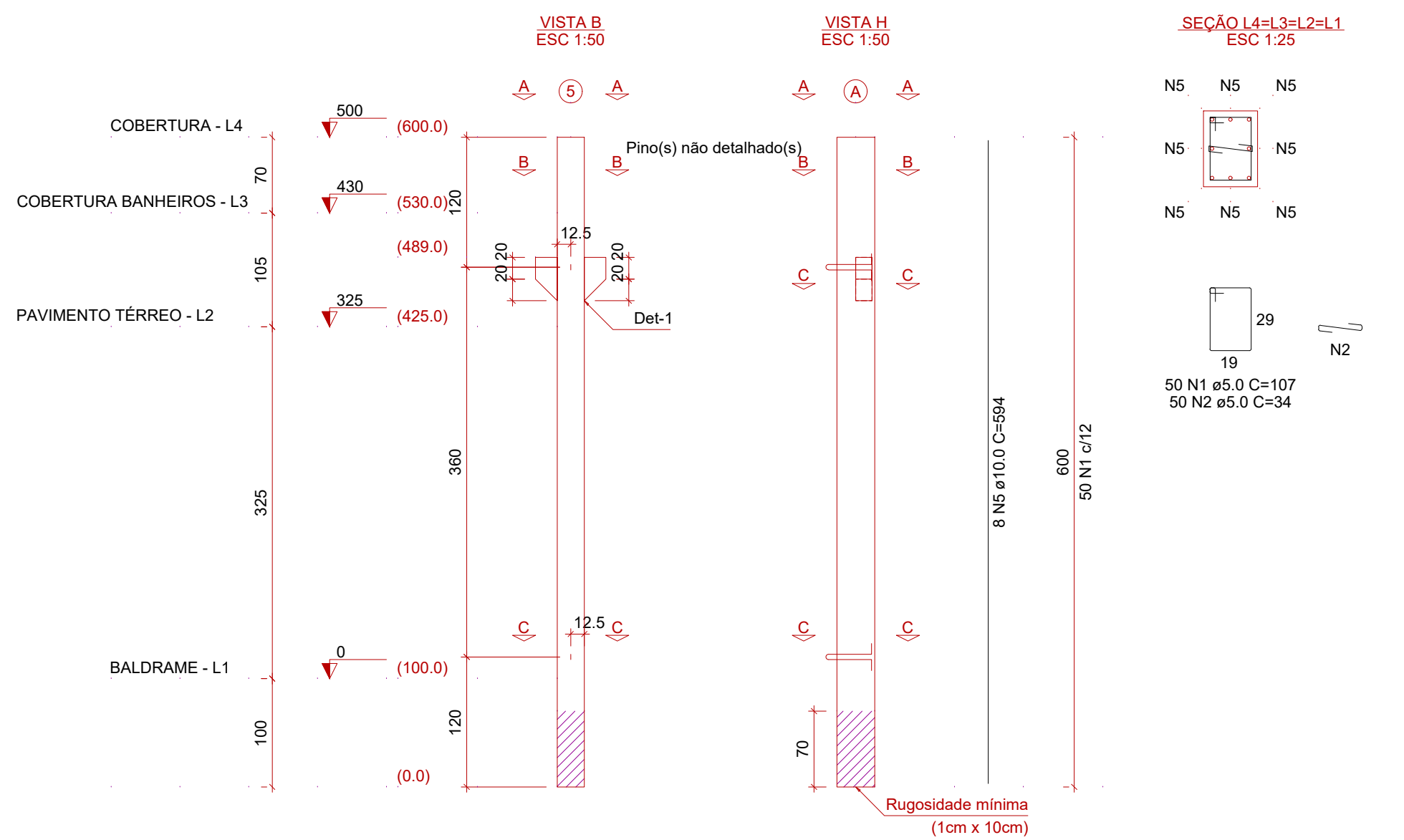
PP1



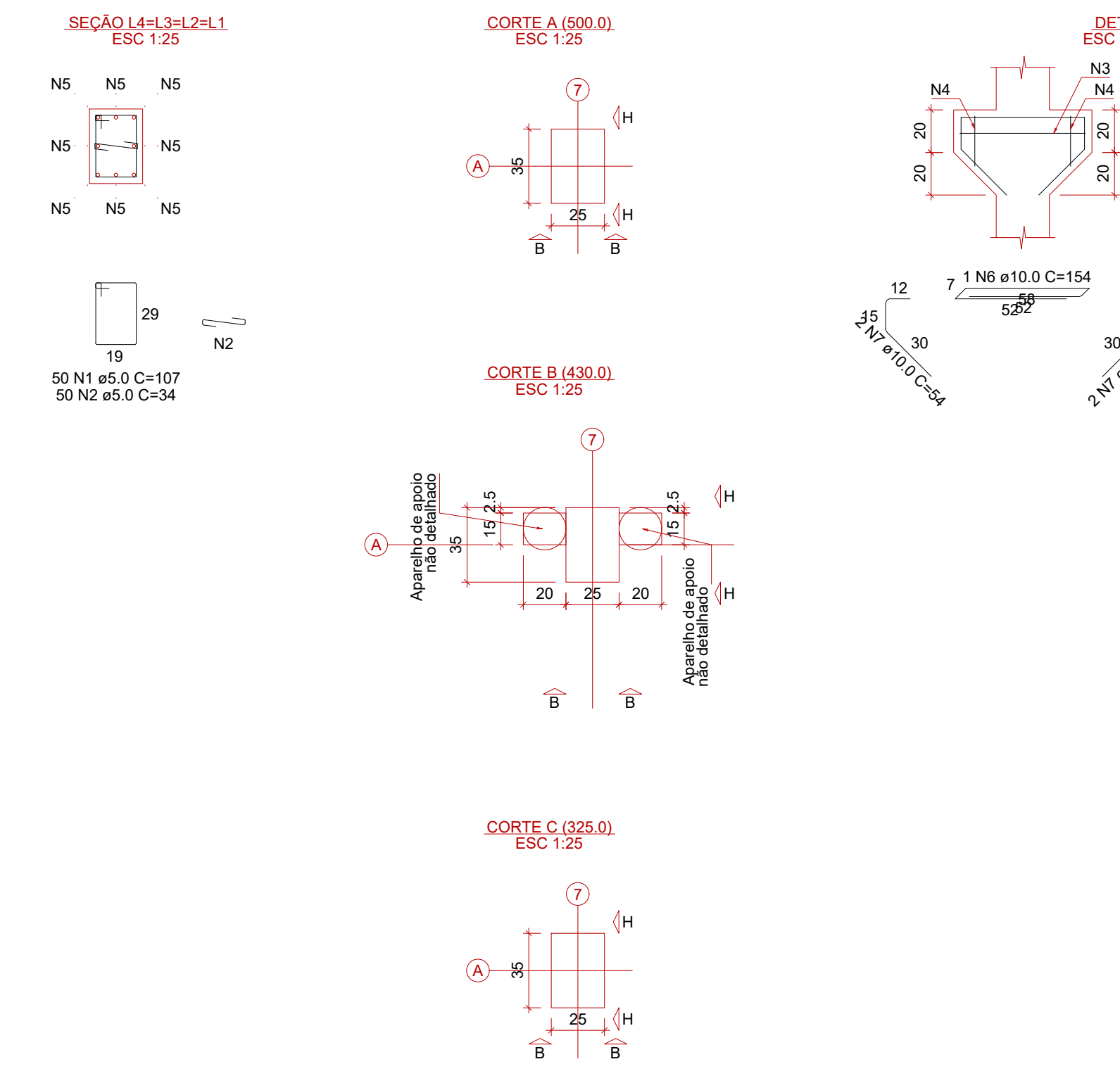
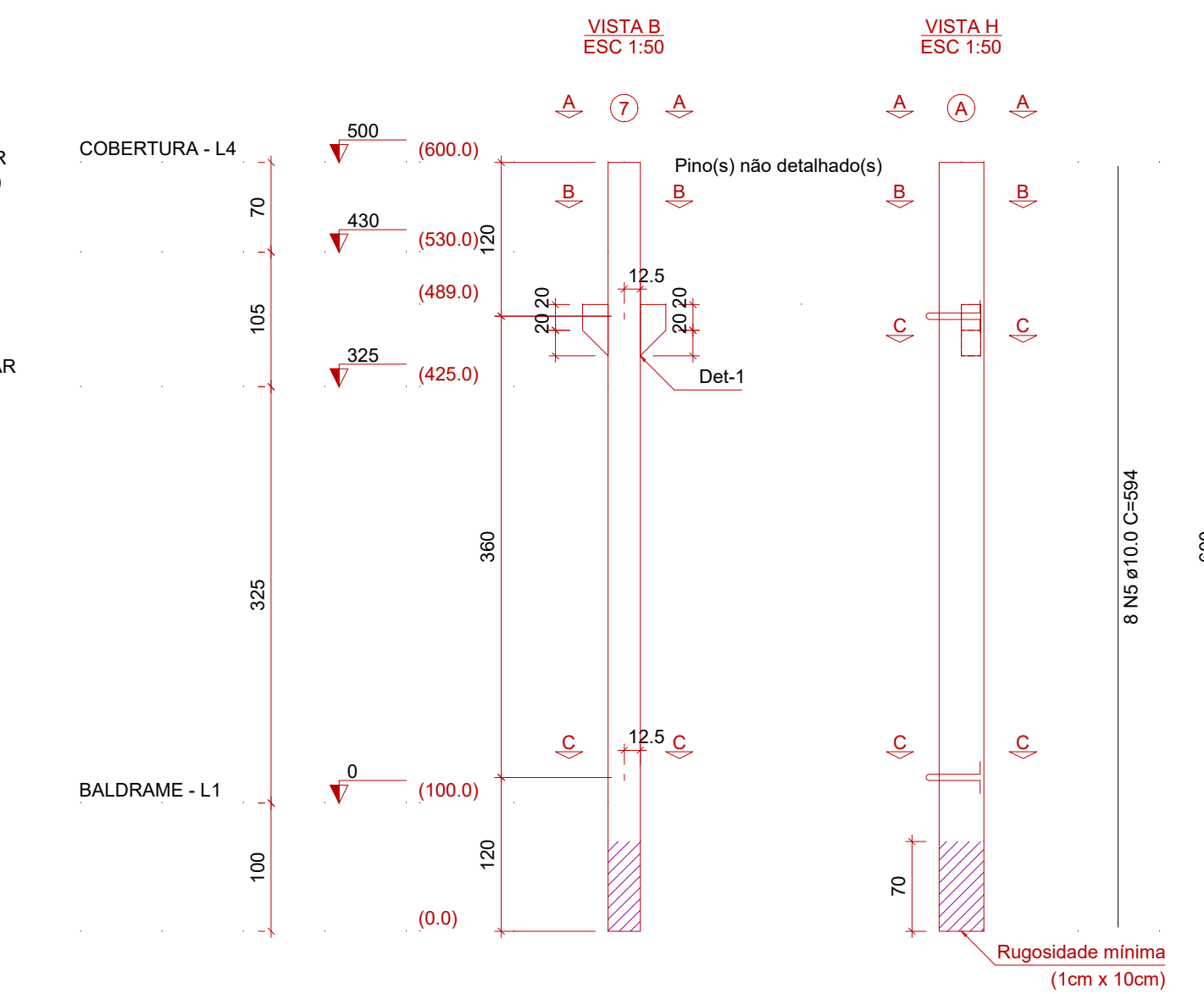
PP2



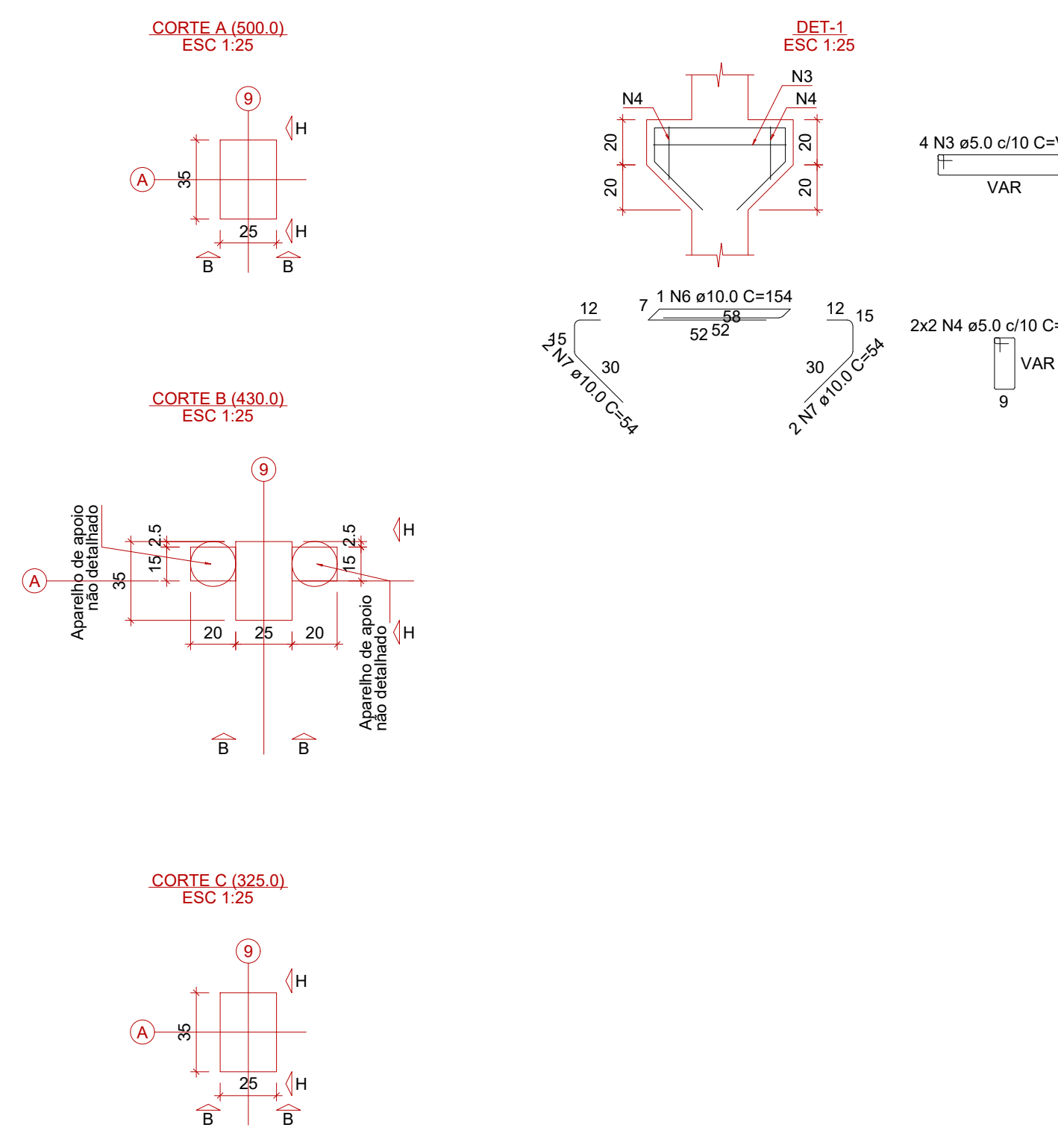
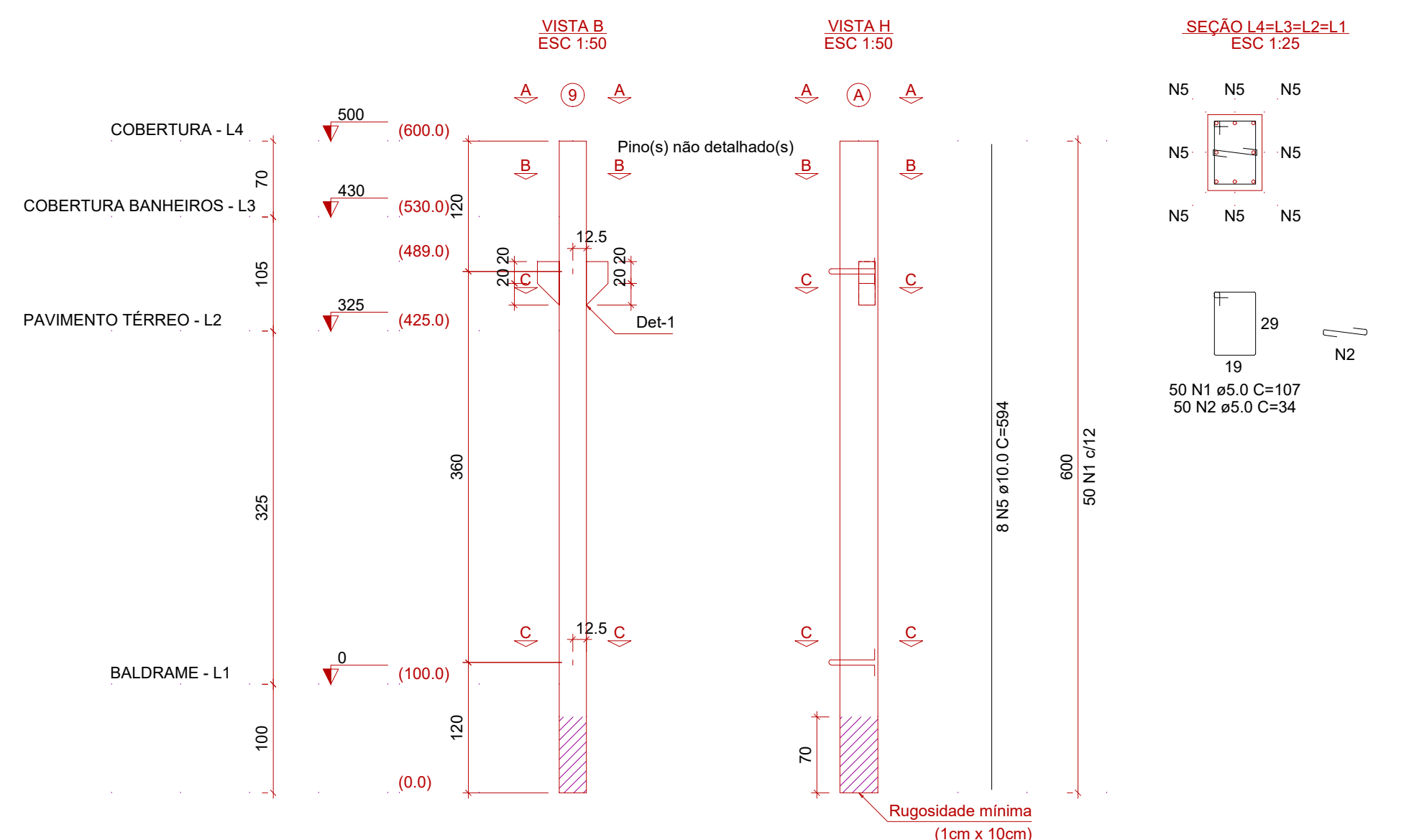
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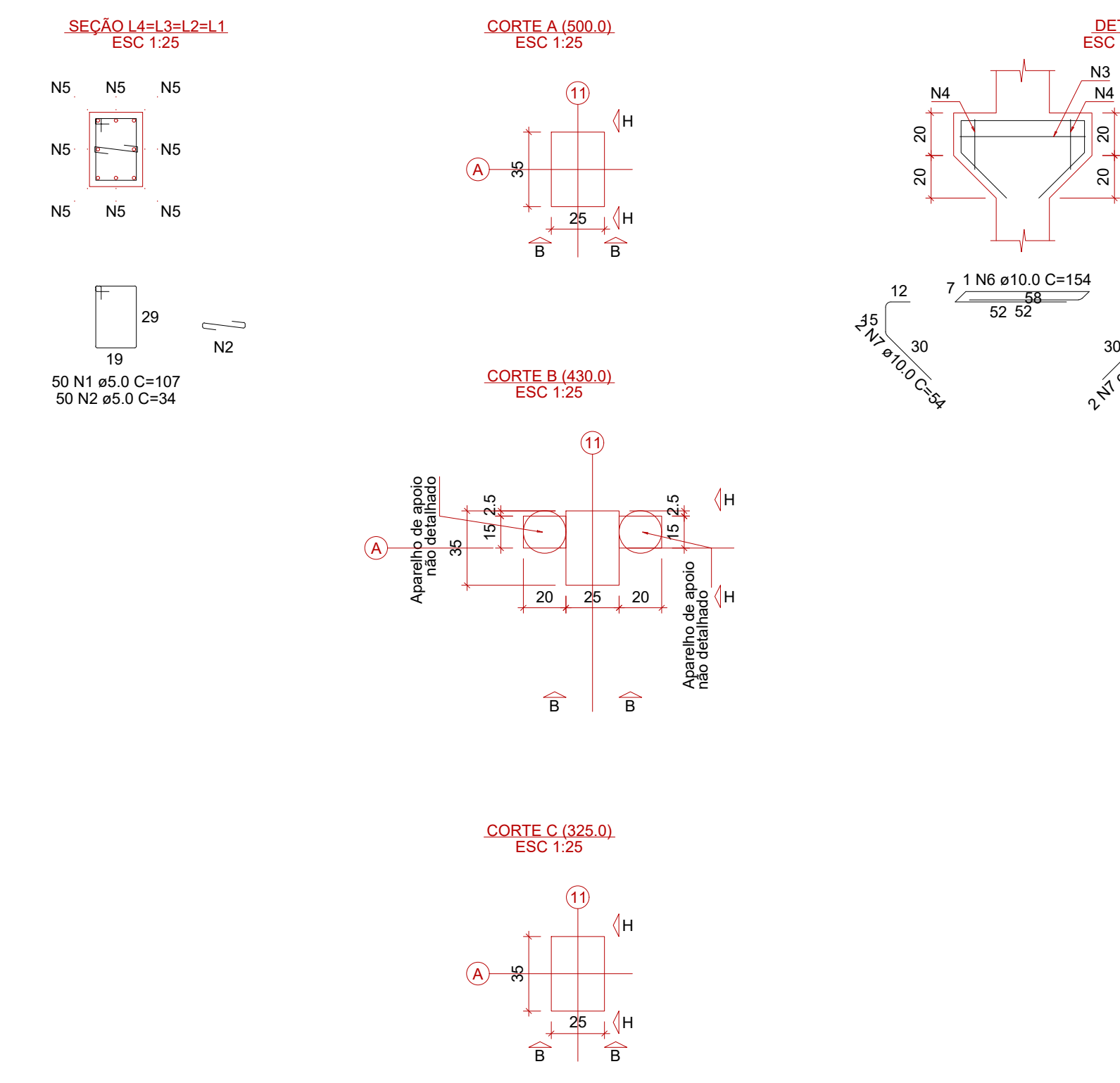
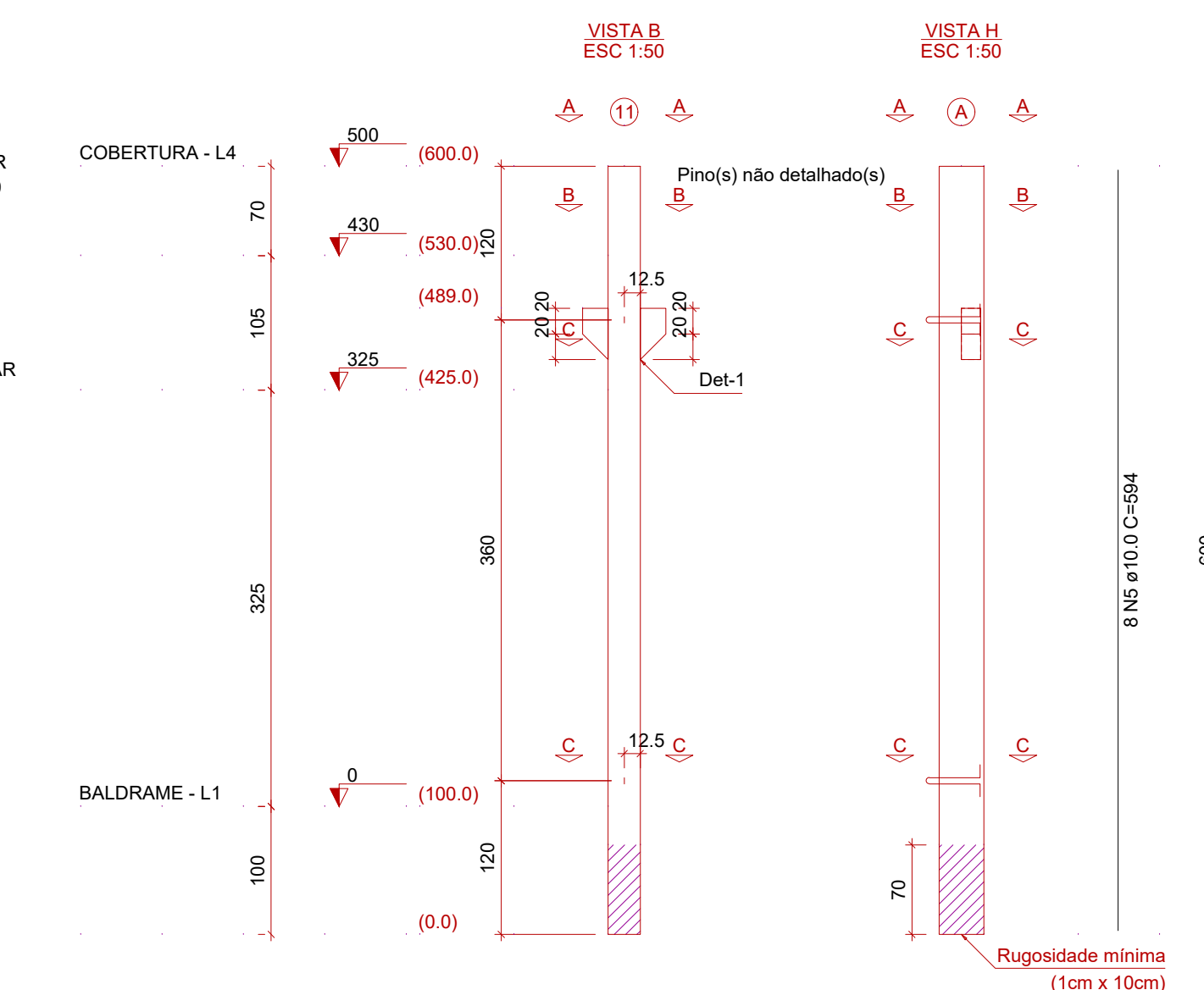
PP4



PP5



PP6

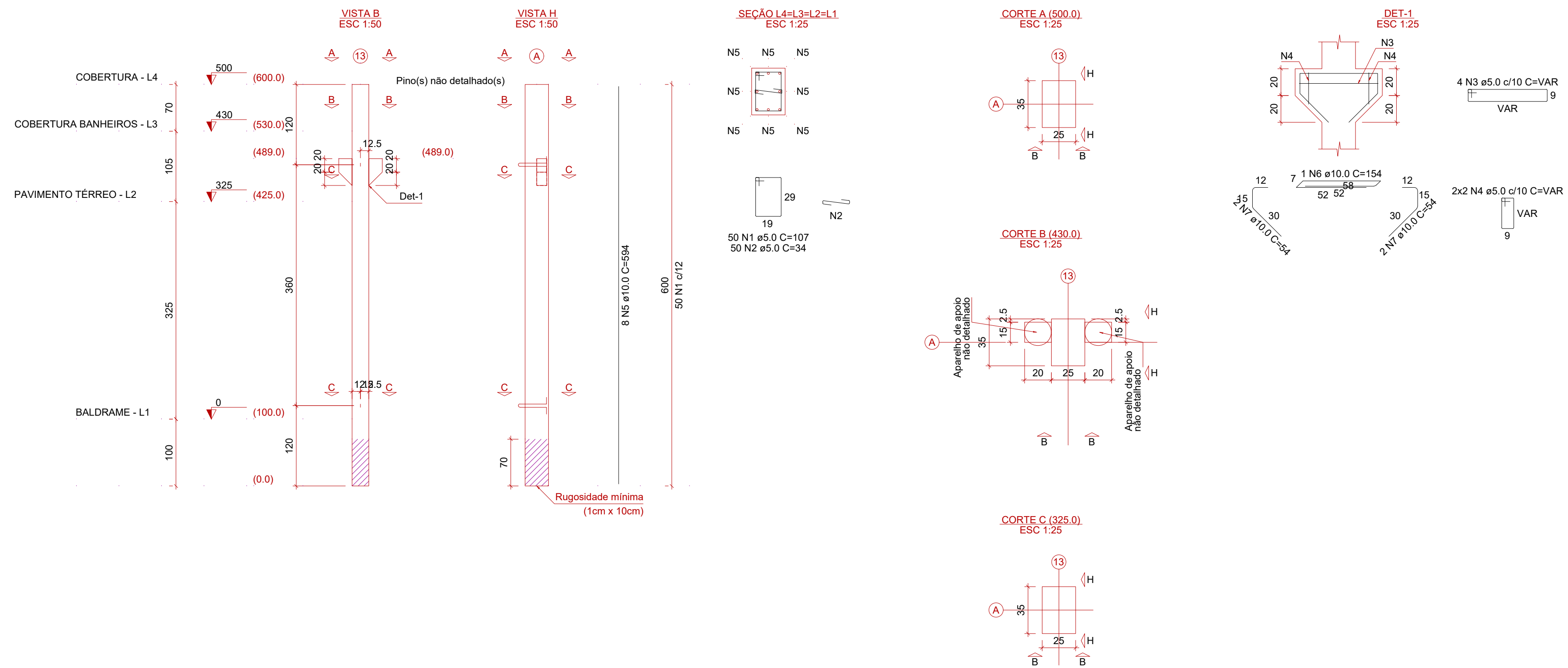


PROJETO ESTRUTURAL
BARRACÃO INDUSTRIAL

PROJETO: Rua Maceió	ÁREA: 7.800,00 m ²	VALOR: 900,00 m ²
PROJETO: 01-A	ETAPA: 176	CIDADE: São Lucas
PROPRIETÁRIO: MUNICÍPIO DE CÉU AZUL CNPJ: 78.288.473/0001-01 LAURINDO SPEROTTO / PREFEITO	PROJETO: GIAN CARLOS BORTOLINI VALLI CREA PR: 163755-D	PRINCIPAIS: 07/12
ÁREA: 900,00m ²	CONTEÚDO: Detalhamento dos pilares pré-moldados	FORMATO: A0
ESCALA: INDICADA	DATA: AGOSTO/2023	PRINCIPAIS: 07/12

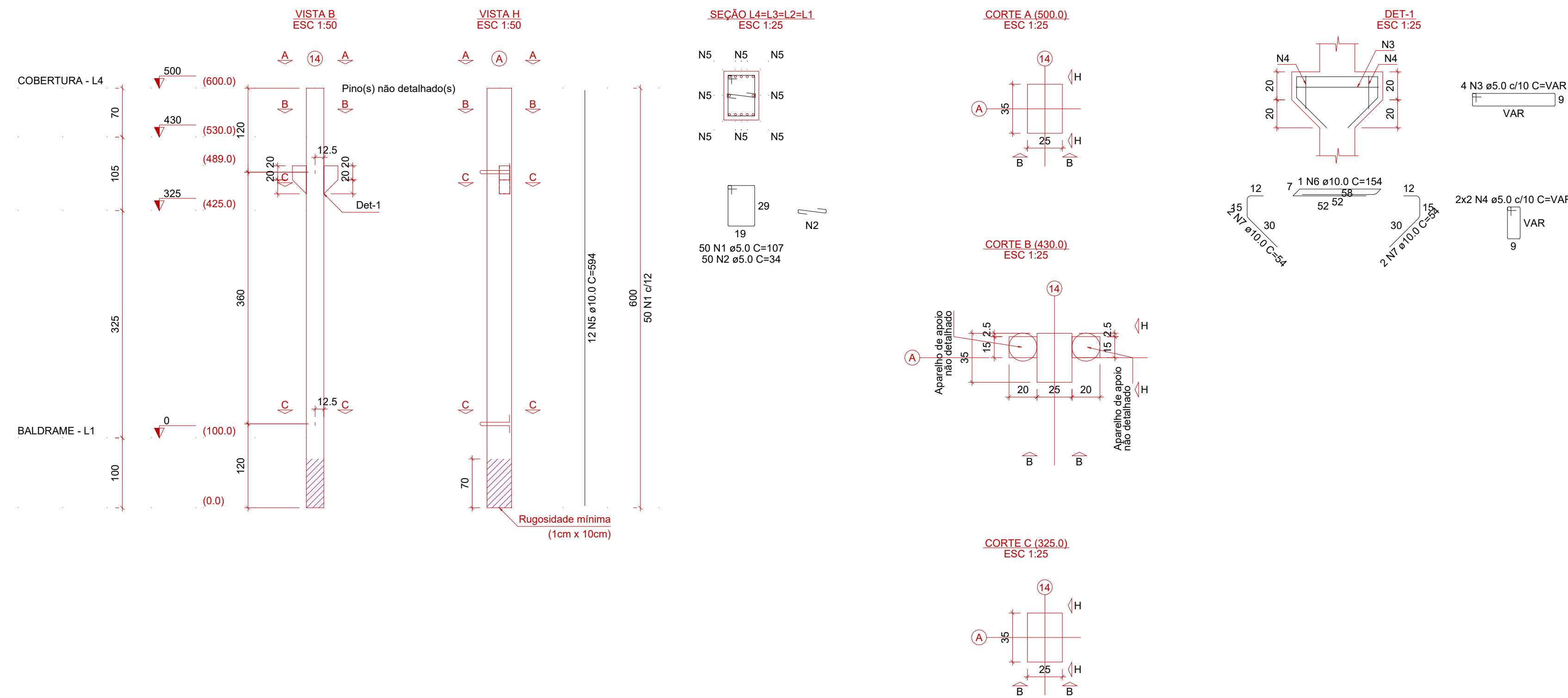
A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.

PP7



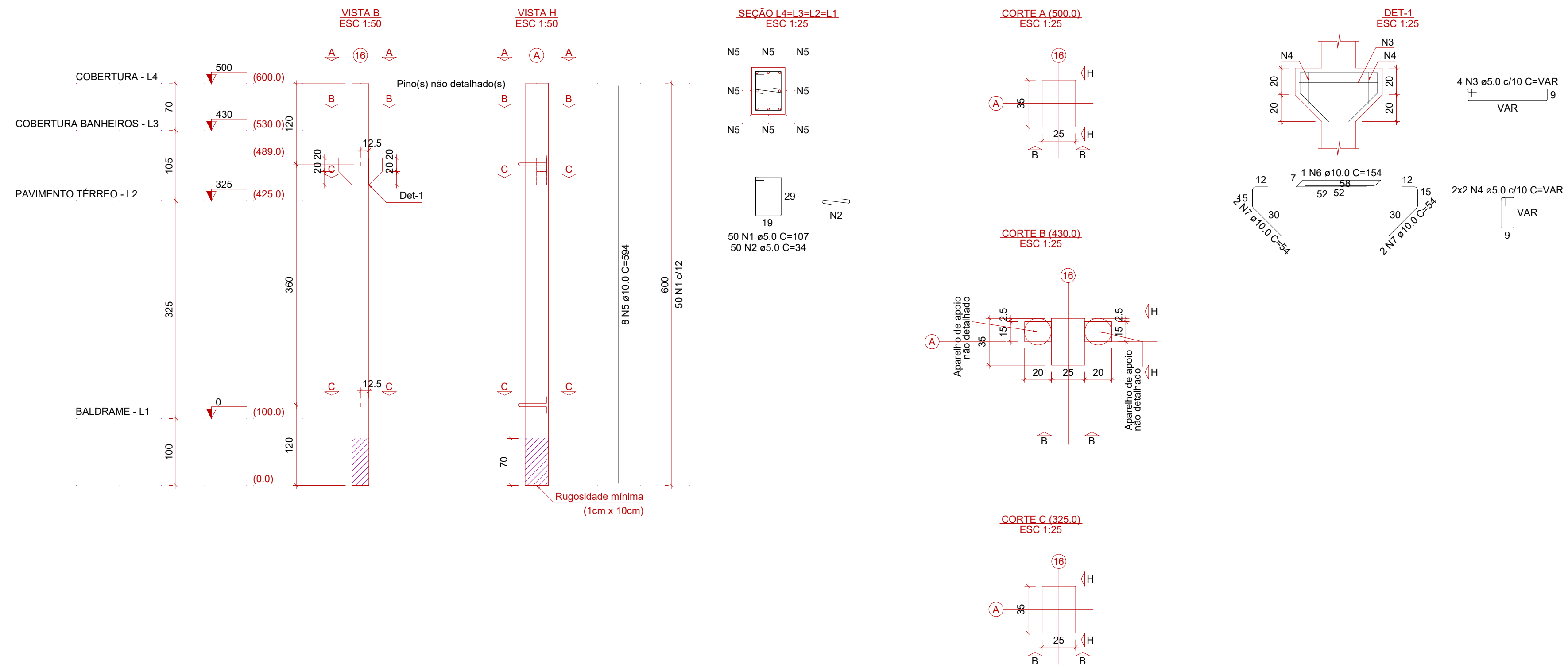
Relação das alças de içamento				
Ord.	Apq	a (mm)	C. Anc. (cm)	C. Unt. (cm)
2	ASTM A36	10	32	107

PP8



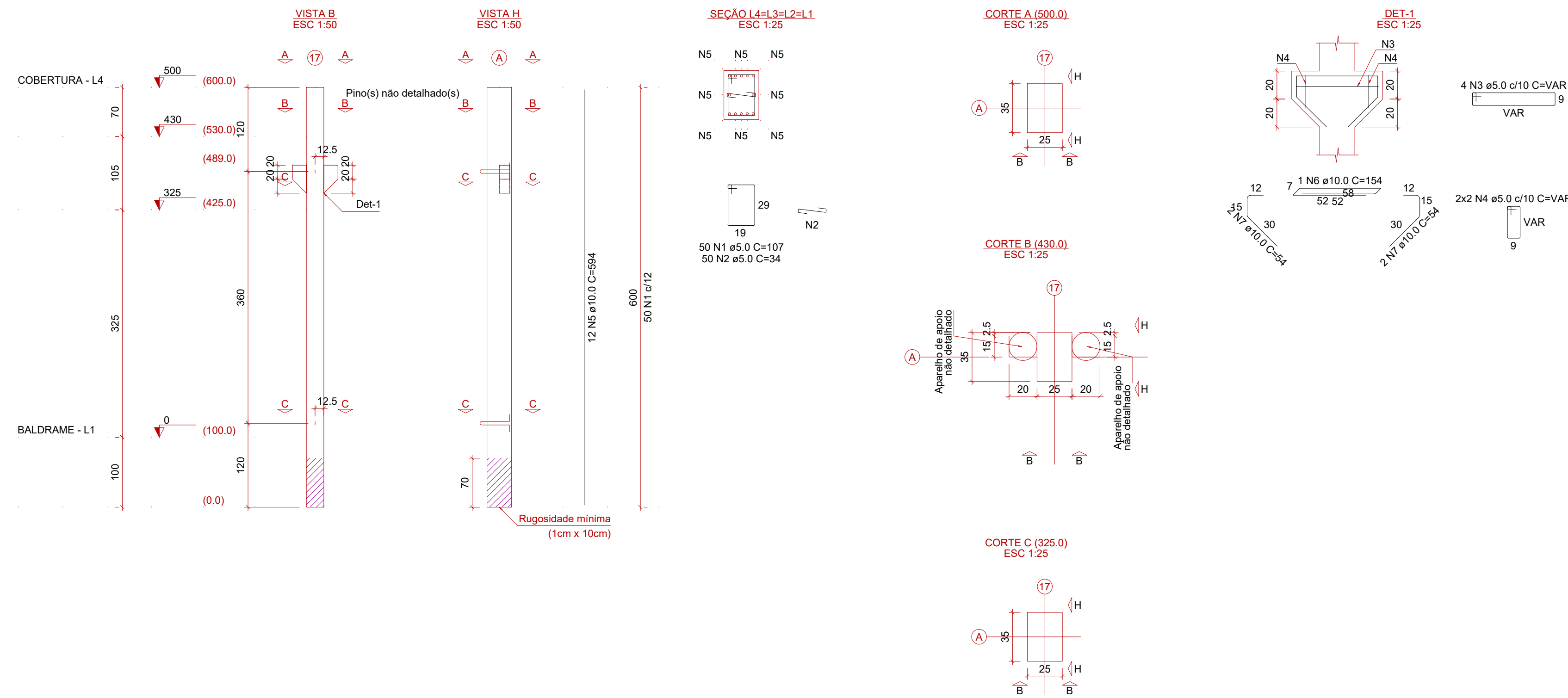
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Ord.	Apq	a (mm)	C. Anc. (cm)	C. Unt. (cm)
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PP9



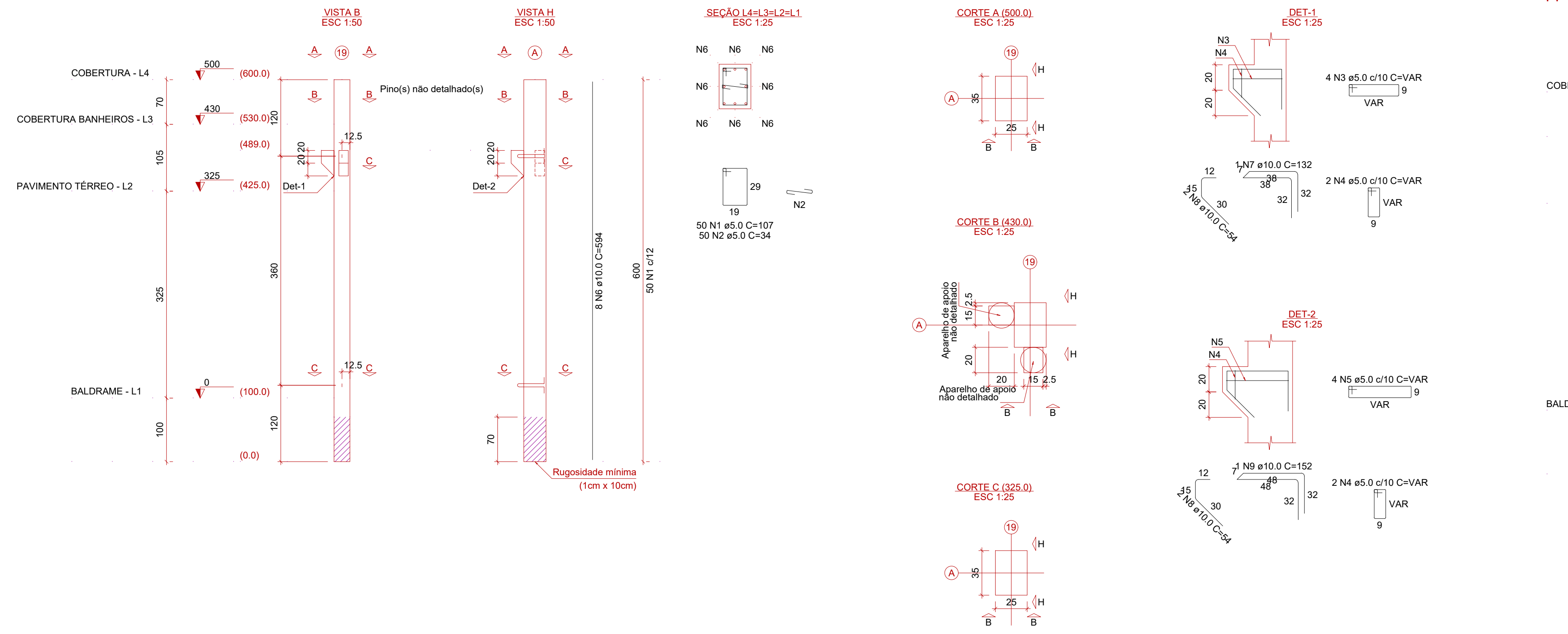
Relação das alças de içamento				
Ord.	Apq	a (mm)	C. Anc. (cm)	C. Unt. (cm)
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PP10



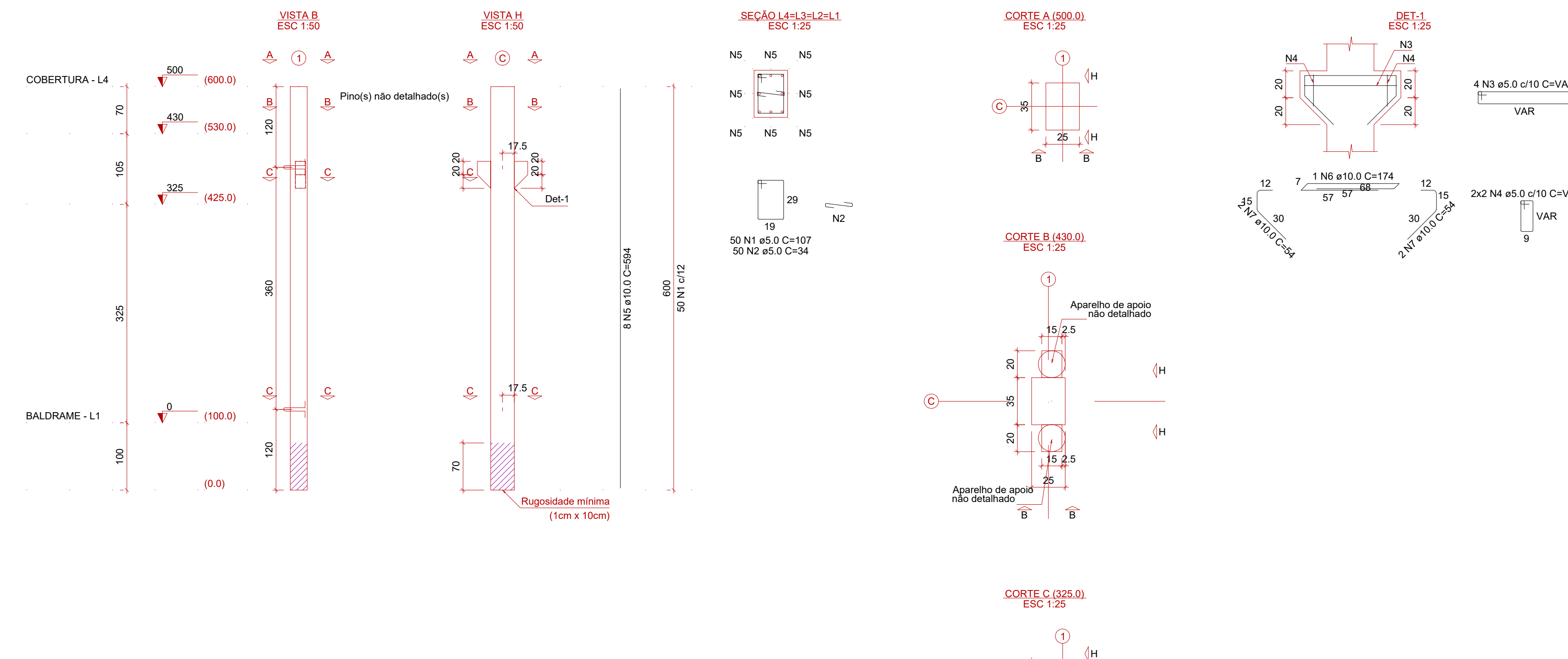
Relação das alças de içamento				
Ord.	Apq	a (mm)	C. Anc. (cm)	C. Unt. (cm)
2	ASTM A36	10	32	107

PP11



Relação das alças de içamento				
Ord.	Apq	a (mm)	C. Anc. (cm)	C. Unt. (cm)
2	ASTM A36	10	32	107

PP12



Relação das alças de içamento				
Ord.	Apq	a (mm)	C. Anc. (cm)	C. Unt. (cm)
2	ASTM A36	10	32	107

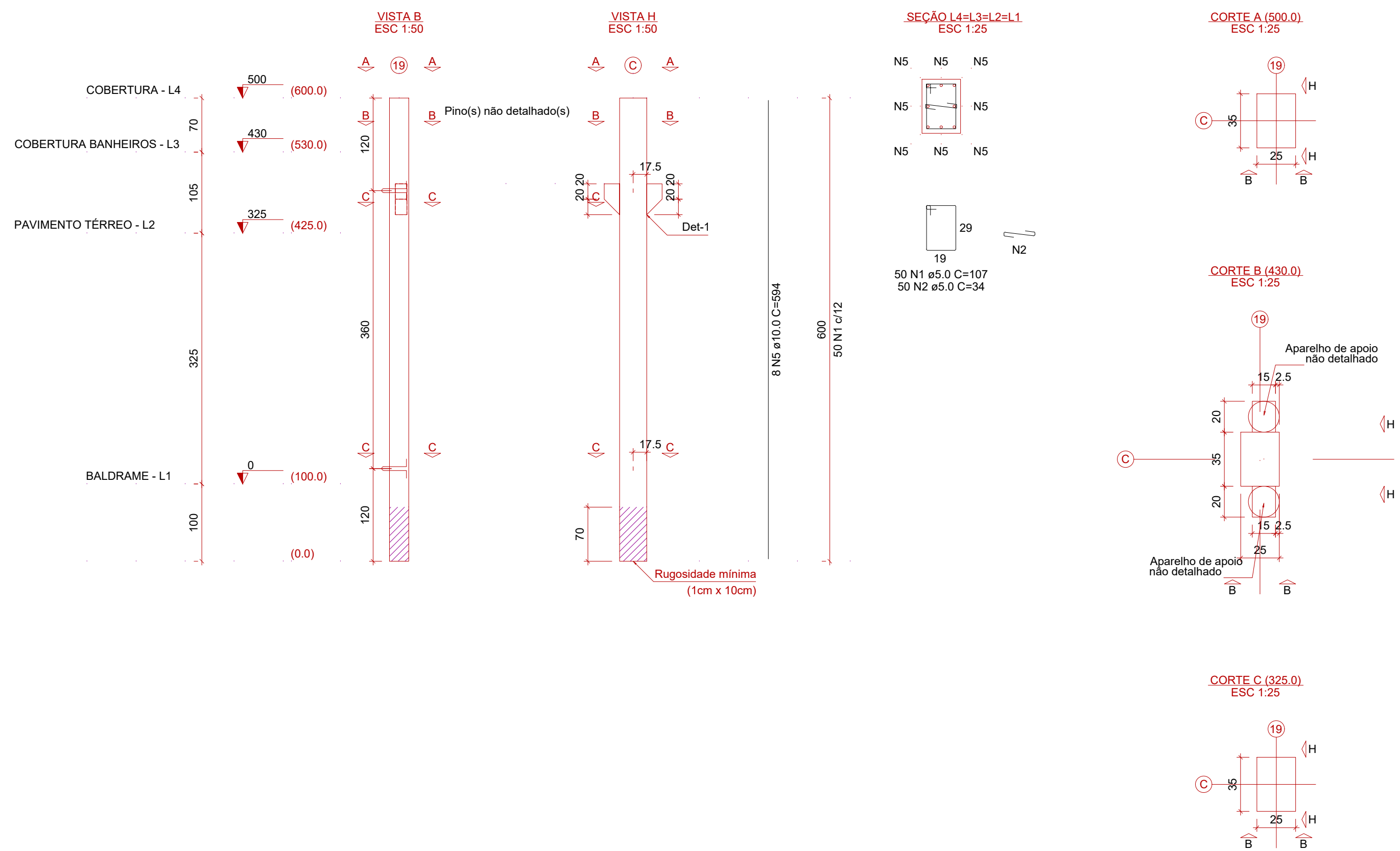
PROJETO ESTRUTURAL
BARRACÃO INDUSTRIAL

Área	900,00 m ²	Conteúdo	Detalhamento dos pilares pré-moldados	Formato	A0
Escala	INDICADA	Prancha	08/12		
Data	AGOSTO/2023	A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.			

Proprietário: MUNICÍPIO DE CÉU AZUL
CNPJ: 78.288.473/0001-01
LAURINDO SPEROTTO/ PREFEITO

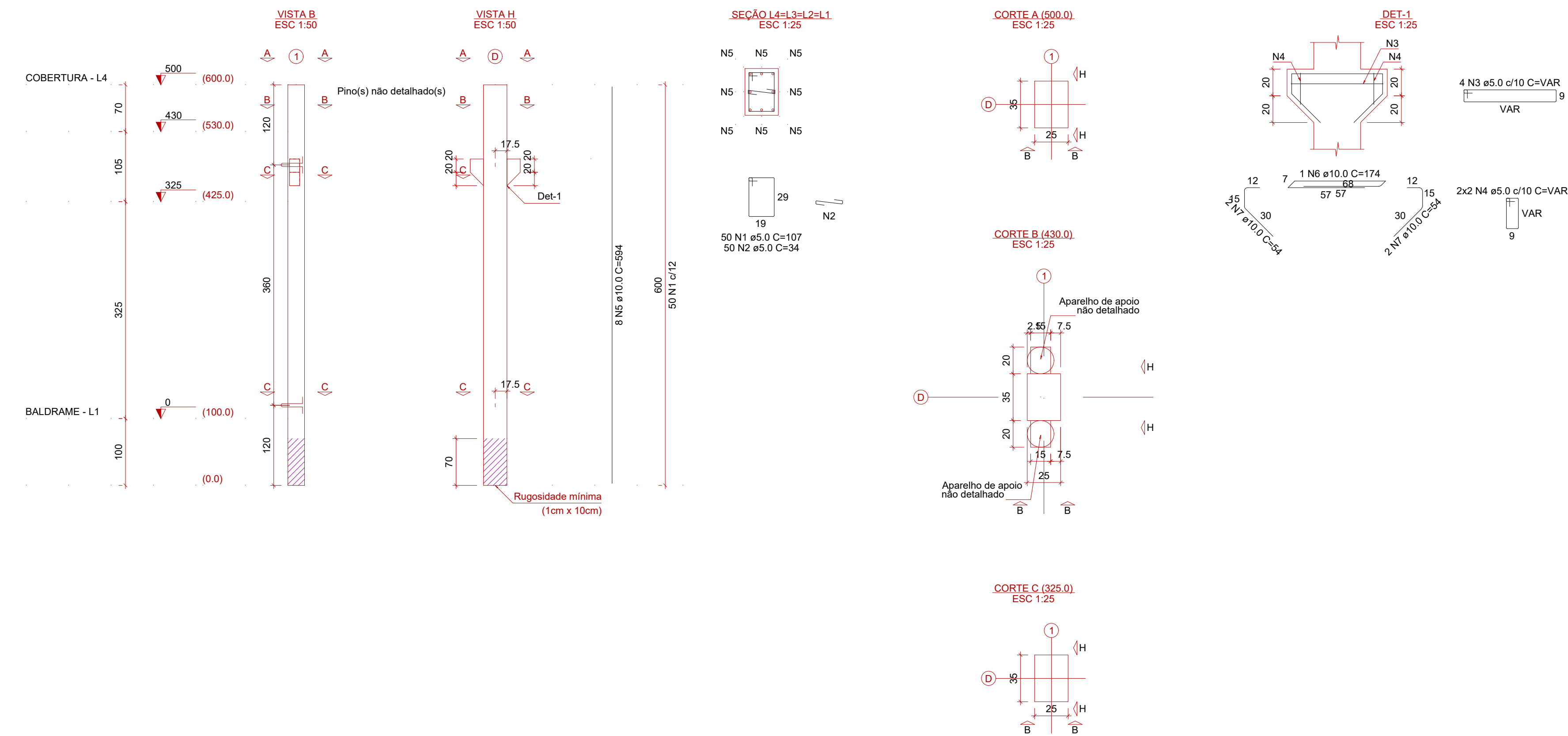
Projeto: GIAN CARLOS BORTOLINI VALLI
CREA PR- 163755/0

PP13



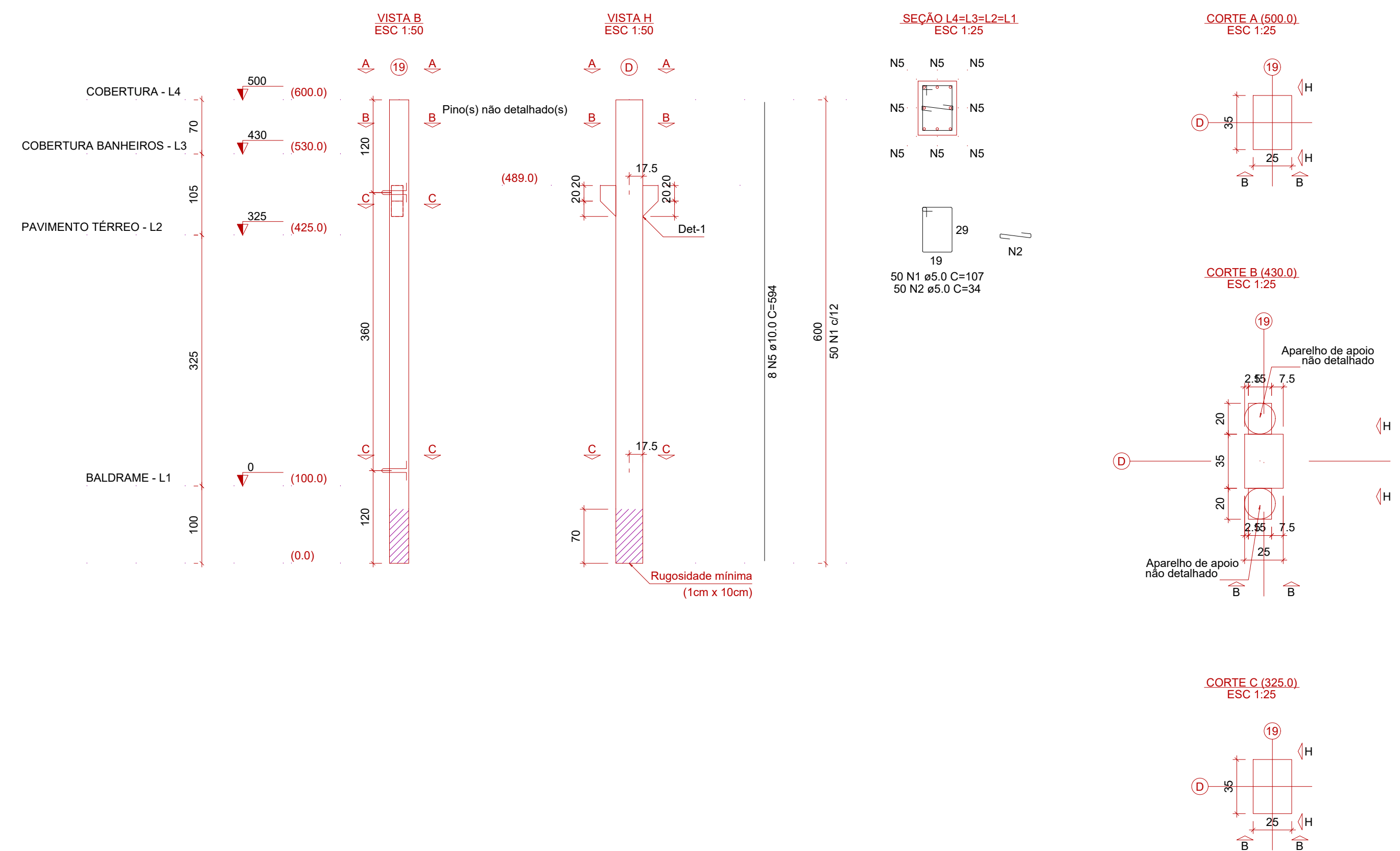
Relação das alças de içamento			
Qtd	Apq	a (mm)	C. Anc. (cm)
2	ASTM A36	10	22
			87

PP14



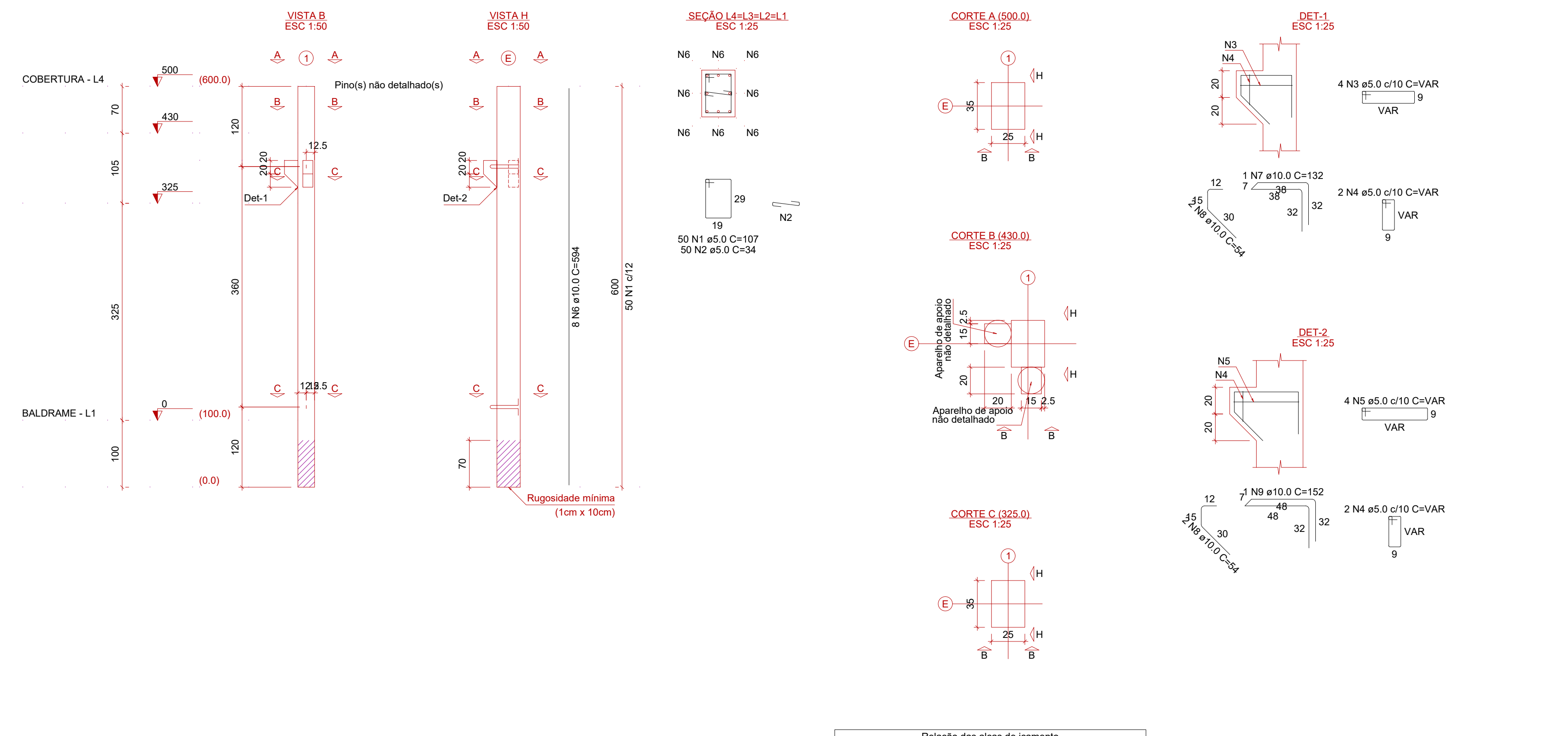
Relação das alças de içamento			
Qtd	Apq	a (mm)	C. Anc. (cm)
2	ASTM A36	10	22
			87

PP15



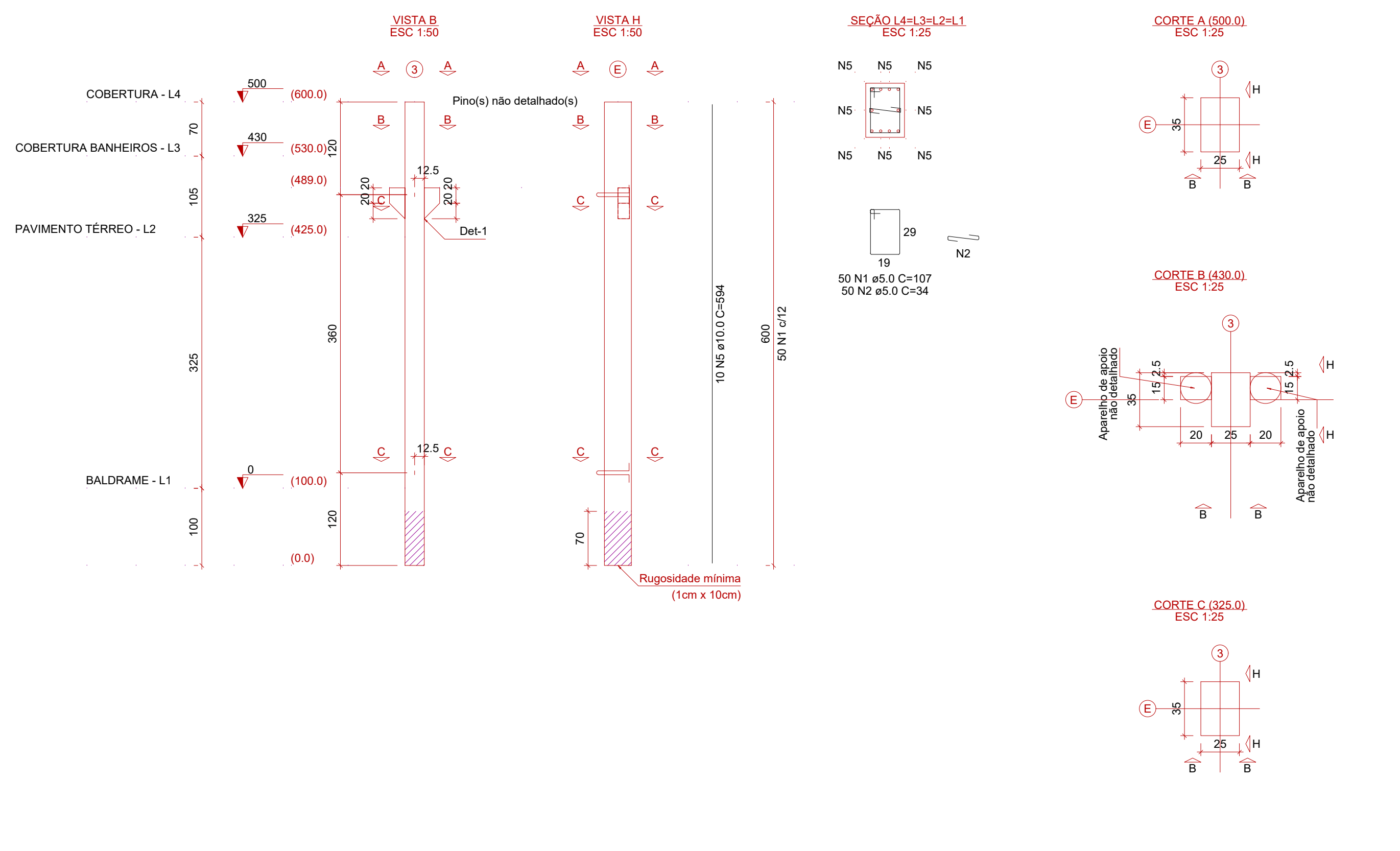
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2	ASTM A36	10	22
			87

PP16



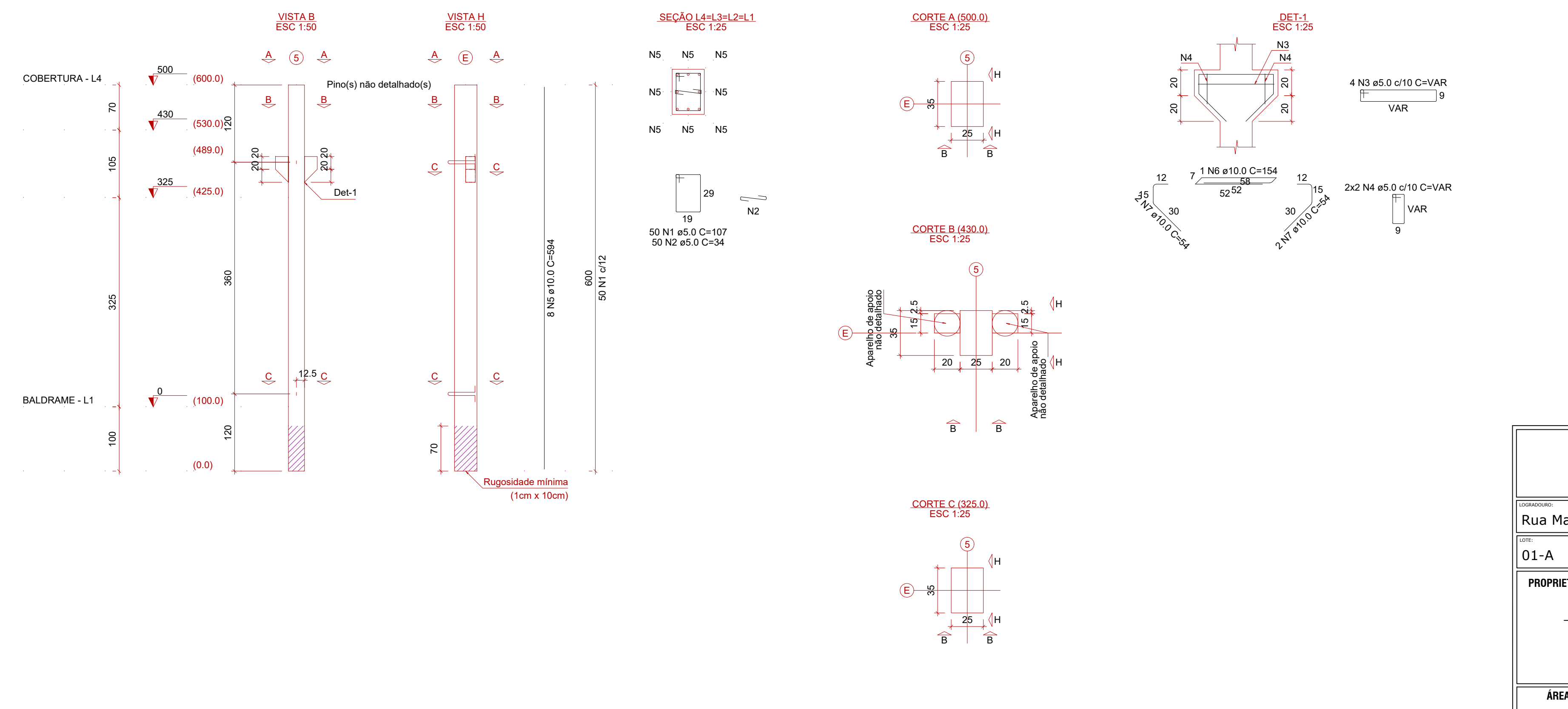
Relação das alças de içamento			
Qtd	Apq	a (mm)	C. Anc. (cm)
2	ASTM A36	10	32
			107

PP17



Relação das alças de içamento			
Qtd	Apq	a (mm)	C. Anc. (cm)
2	ASTM A36	10	32
			107

PP18



Relação das alças de içamento			
Qtd	Apq	a (mm)	C. Anc. (cm)
2	ASTM A36	10	32
			107

PROJETO ESTRUTURAL
BARRACÃO INDUSTRIAL

Rua Maceió 7.800,00 m² 900,00 m²

O1-A 176 São Lucas CÉU AZUL - PR

PROPRIETÁRIO: MUNICÍPIO DE CÉU AZUL
CNPJ: 78.288.473/0001-01
LAURINDO SPEROTTO / PREFEITO

PROJETO: GIAN CARLOS BORTOLINI VALLI
CREA PR: 163755-D

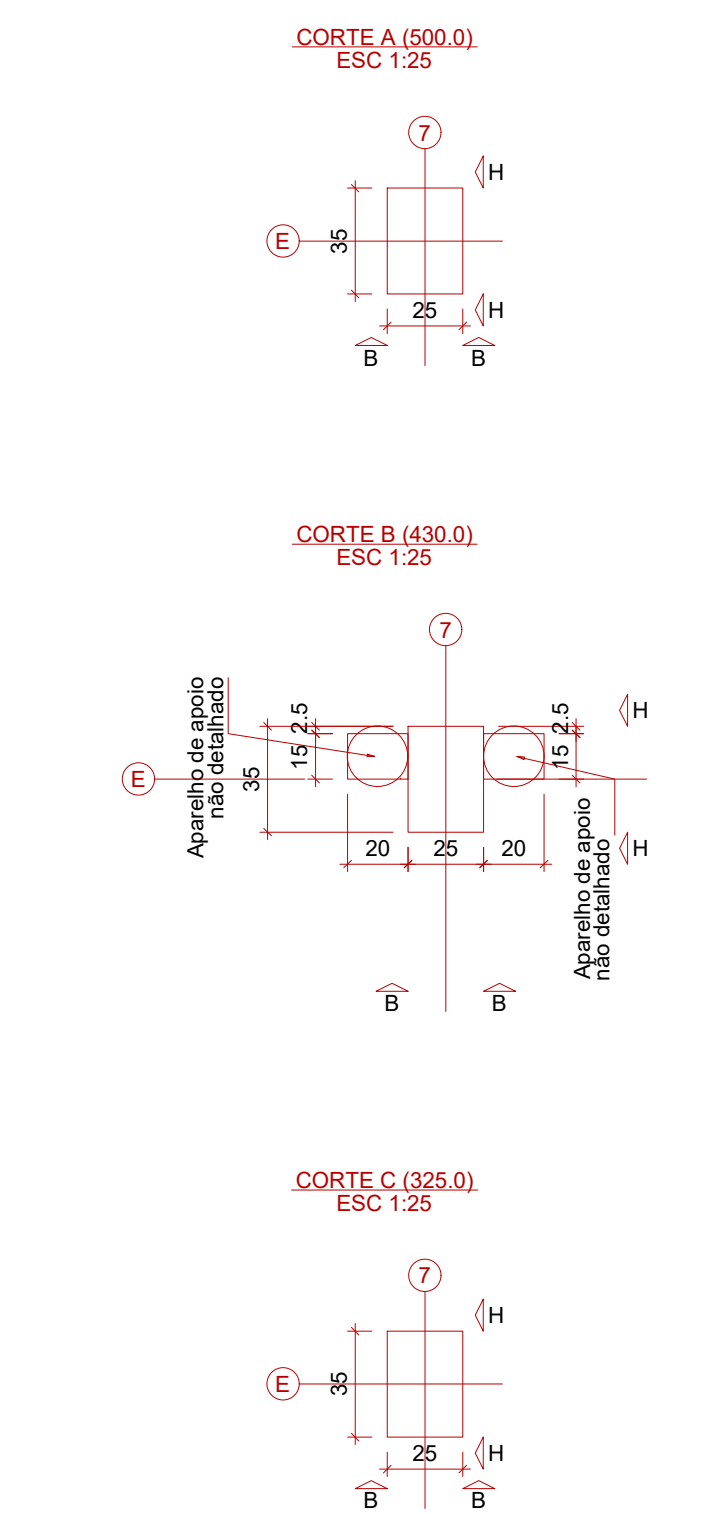
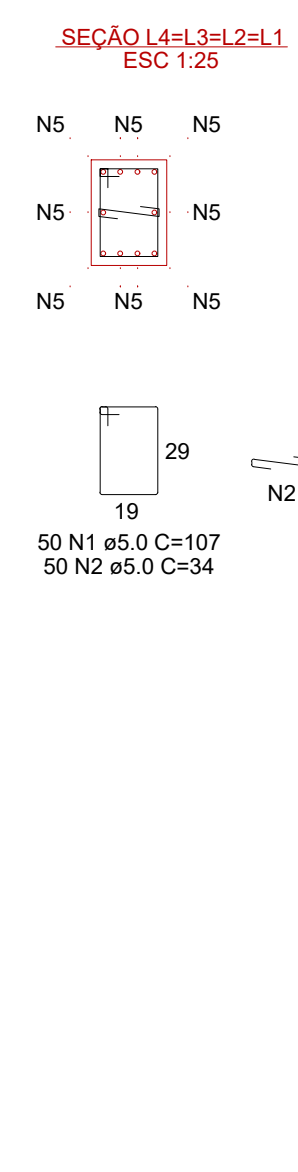
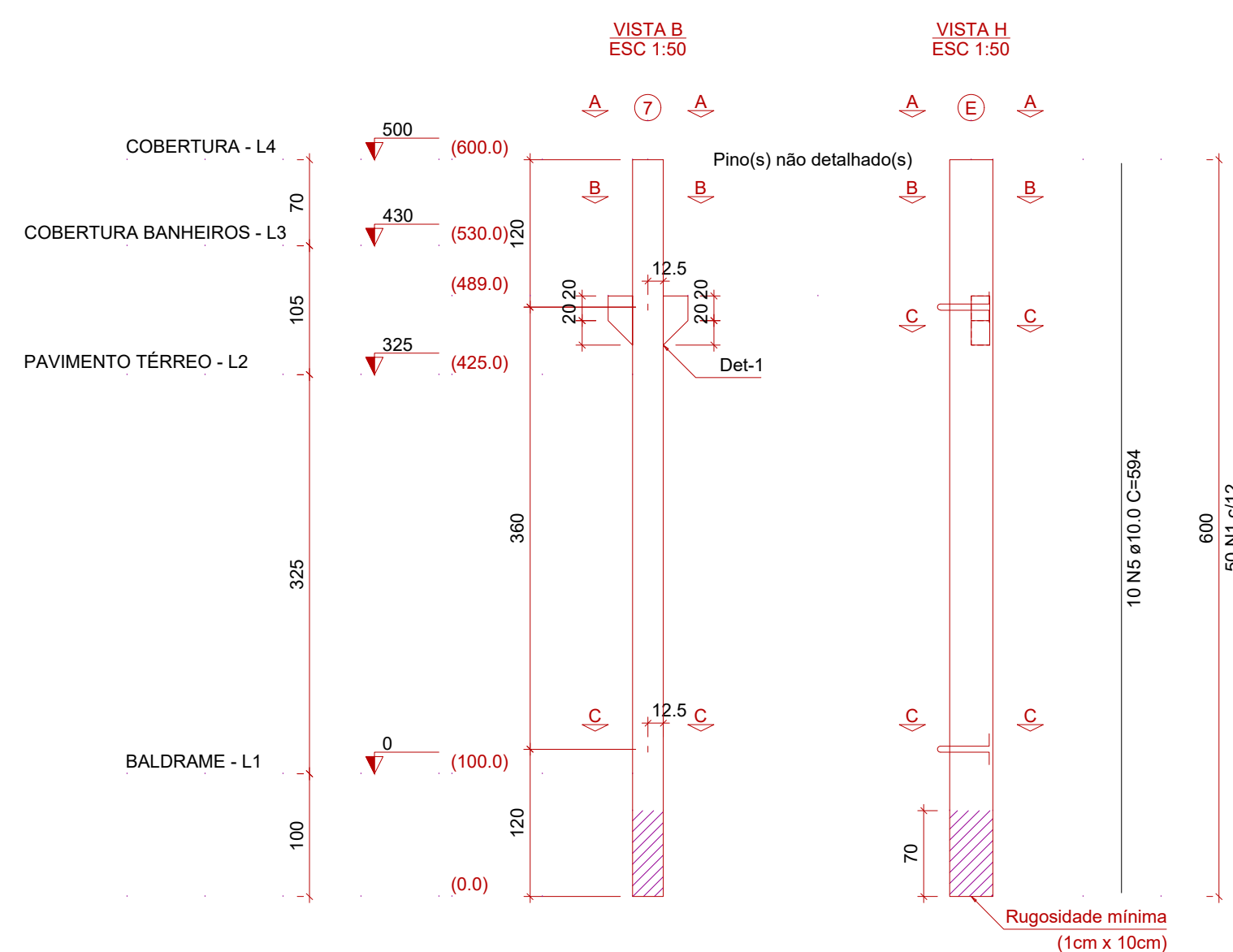
ÁREA: 900,00m² CONTEÚDO: 7.800,00 m² FORMATO: A0

ESCALA: INDICADA Detalhamento dos pilares pré-moldados PRANCHA: 09/12

DATA: AGOSTO/2023

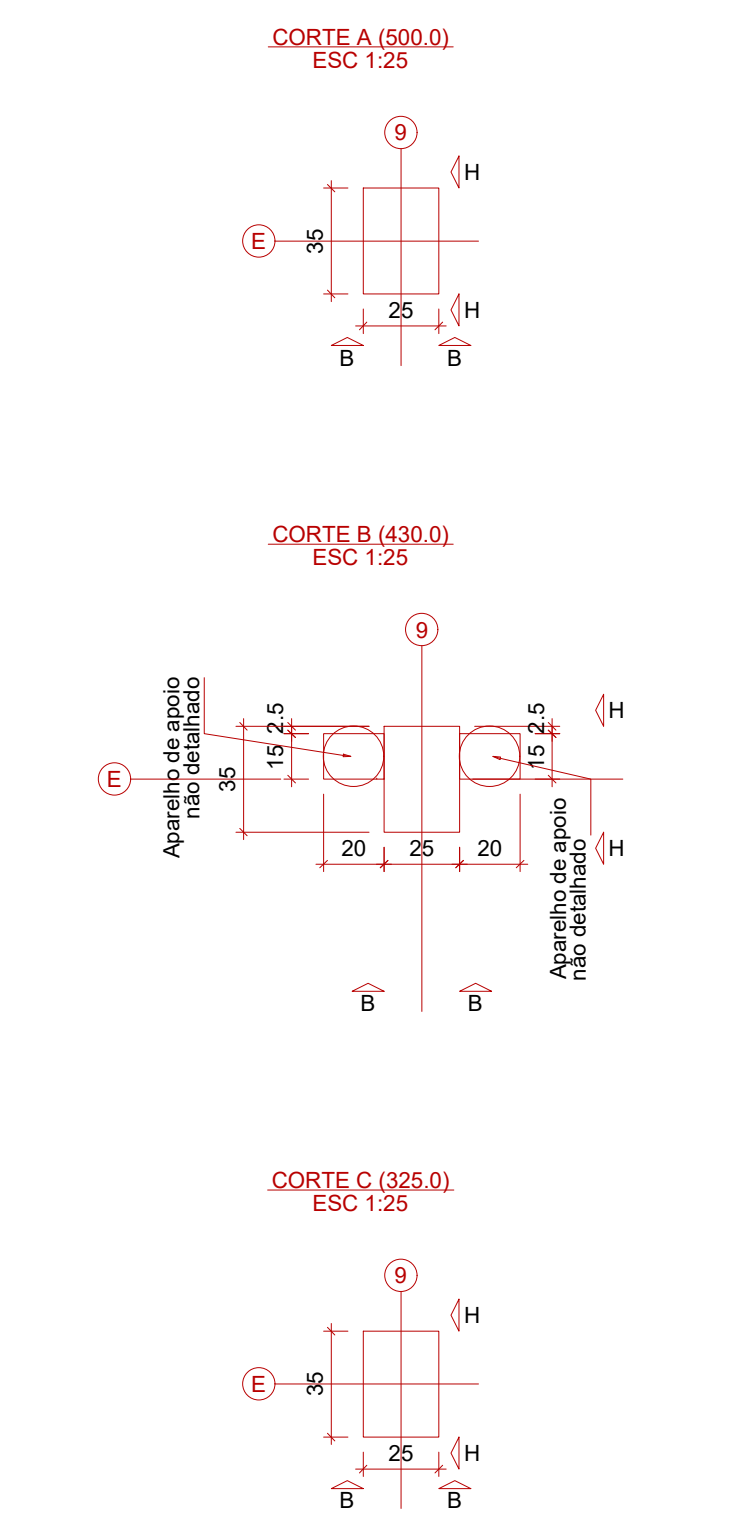
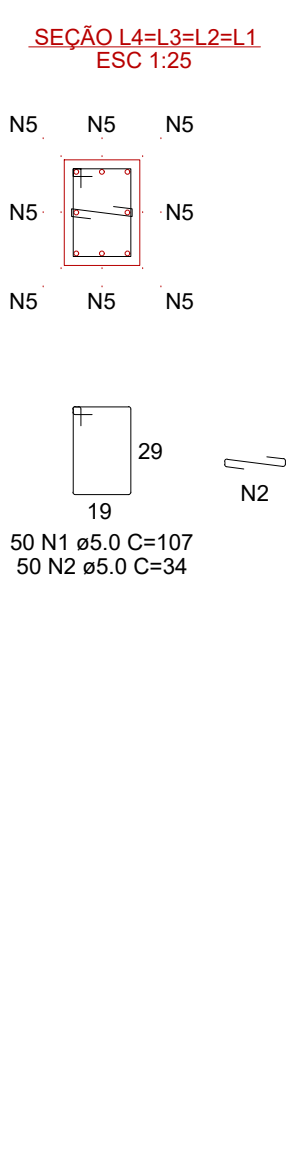
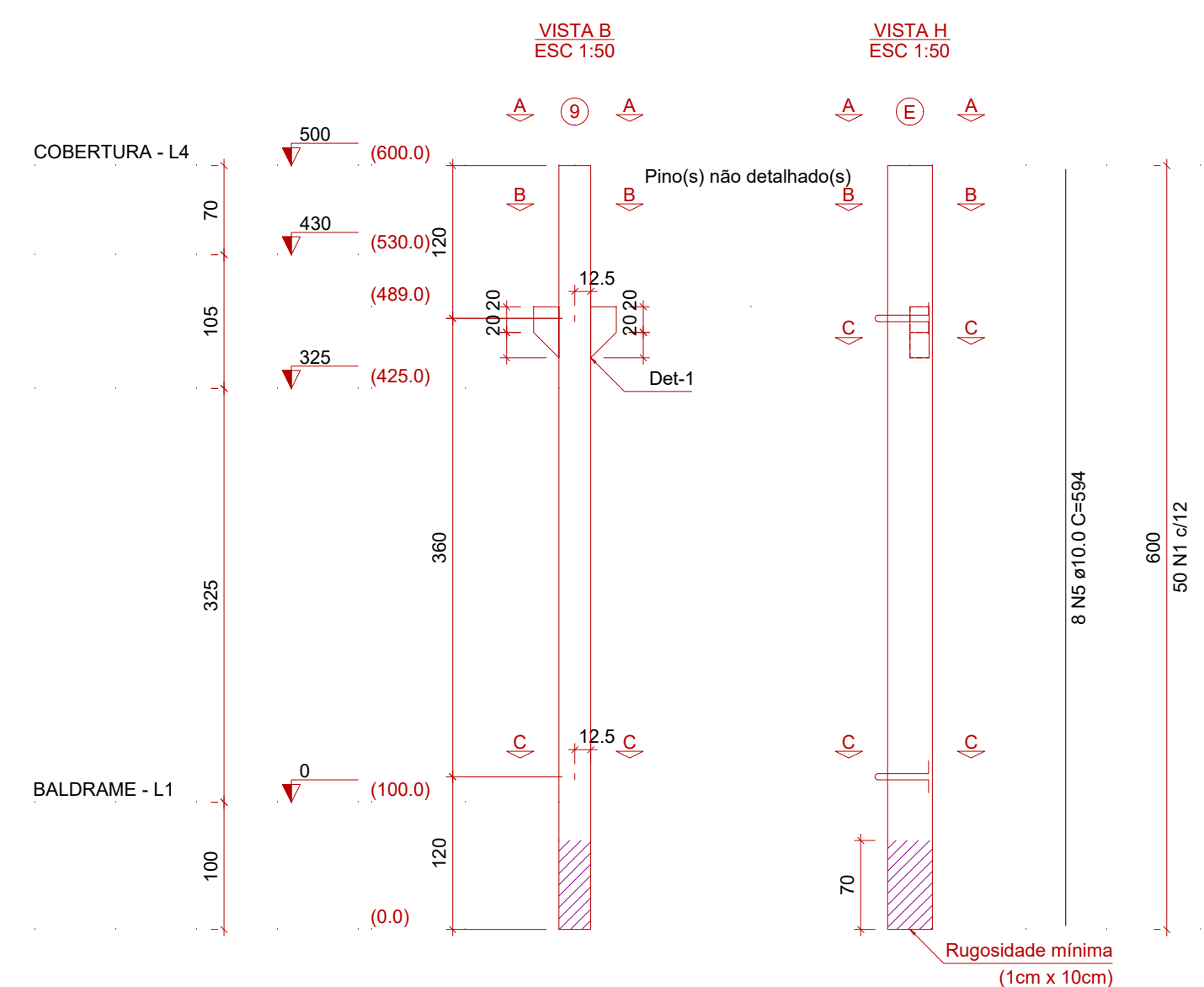
A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.

PP19



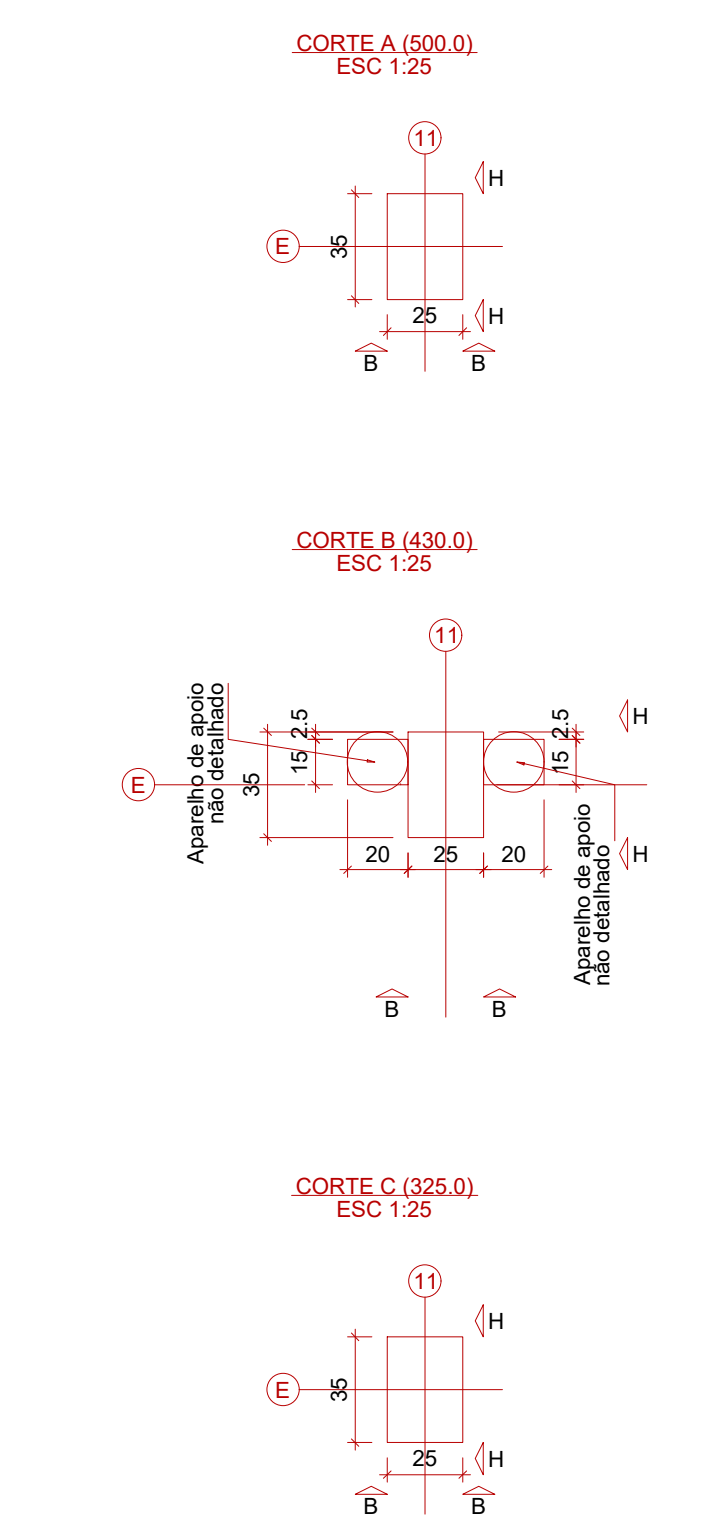
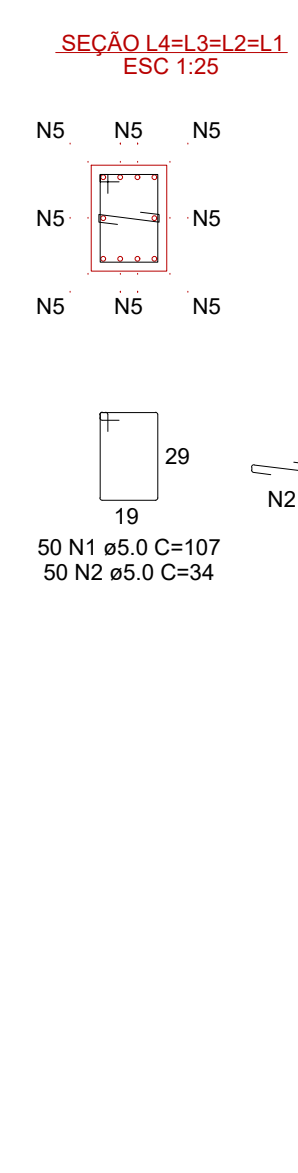
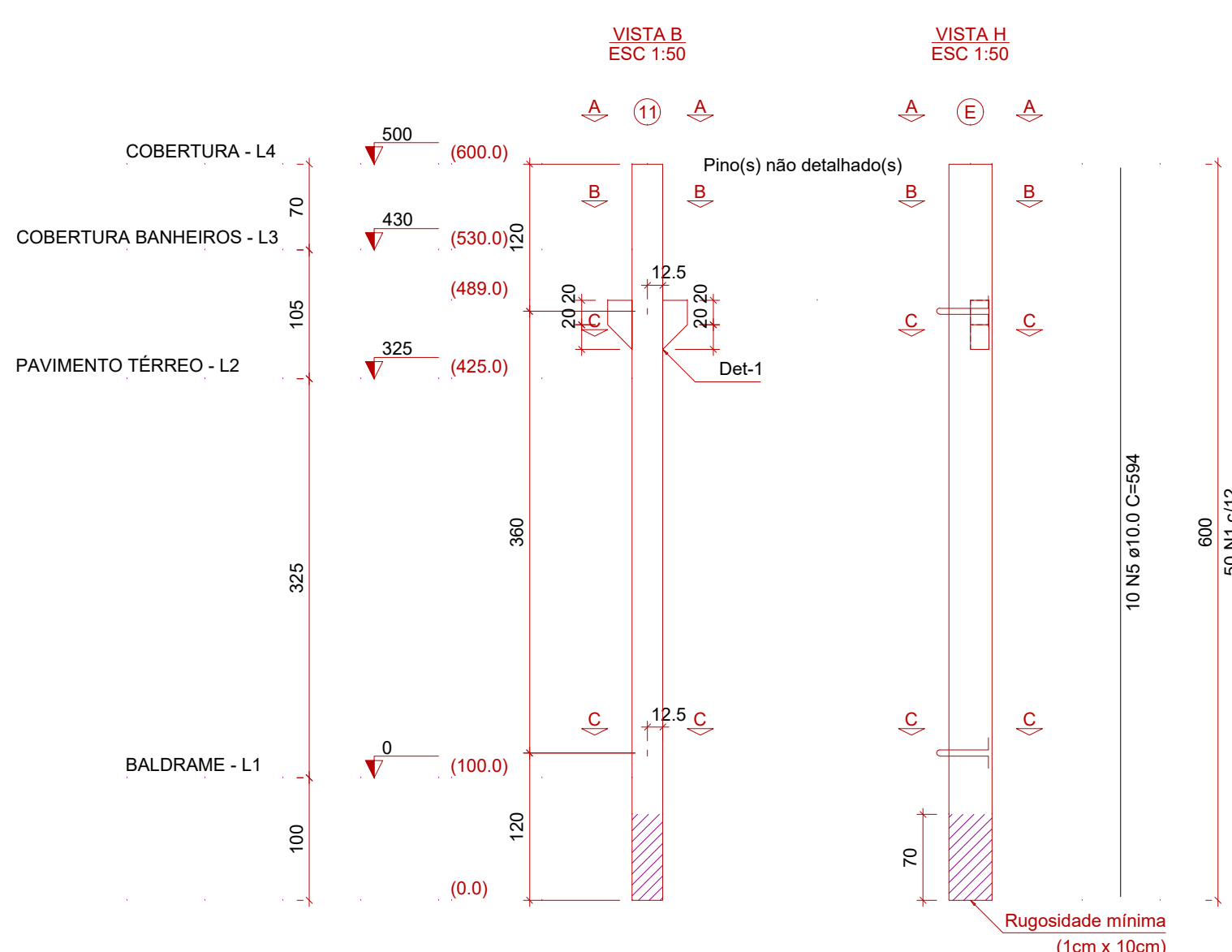
Relação das alças de içamento			
Qtd.	Apq.	a (mm)	C. Anc. (cm)
2	ASTM A36	19	32
			107

PP20



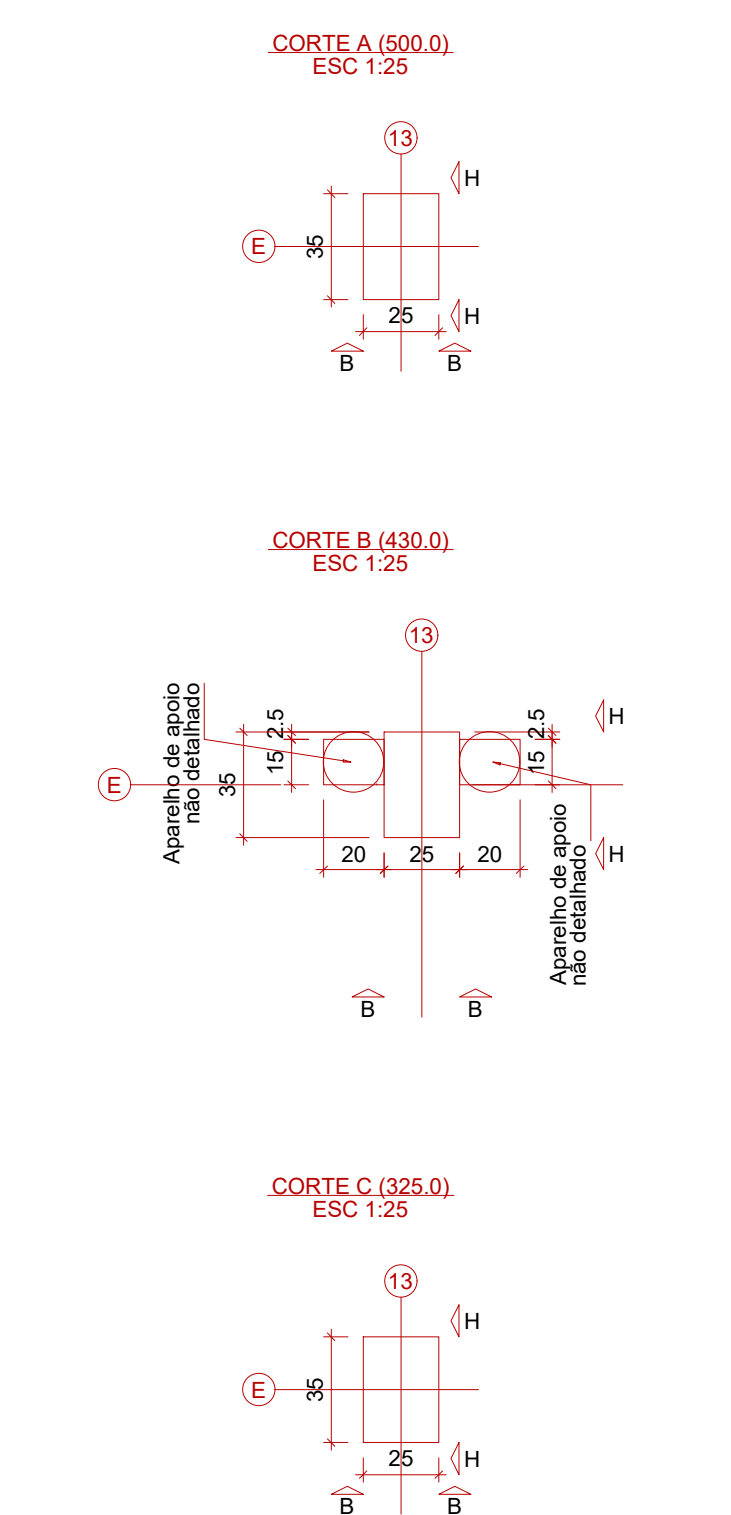
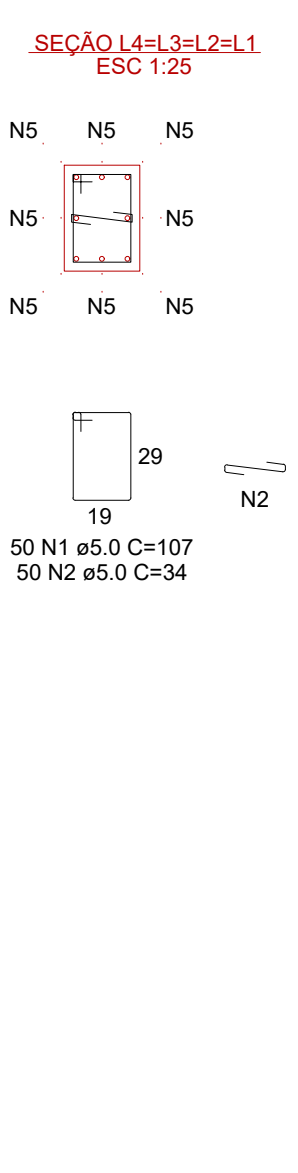
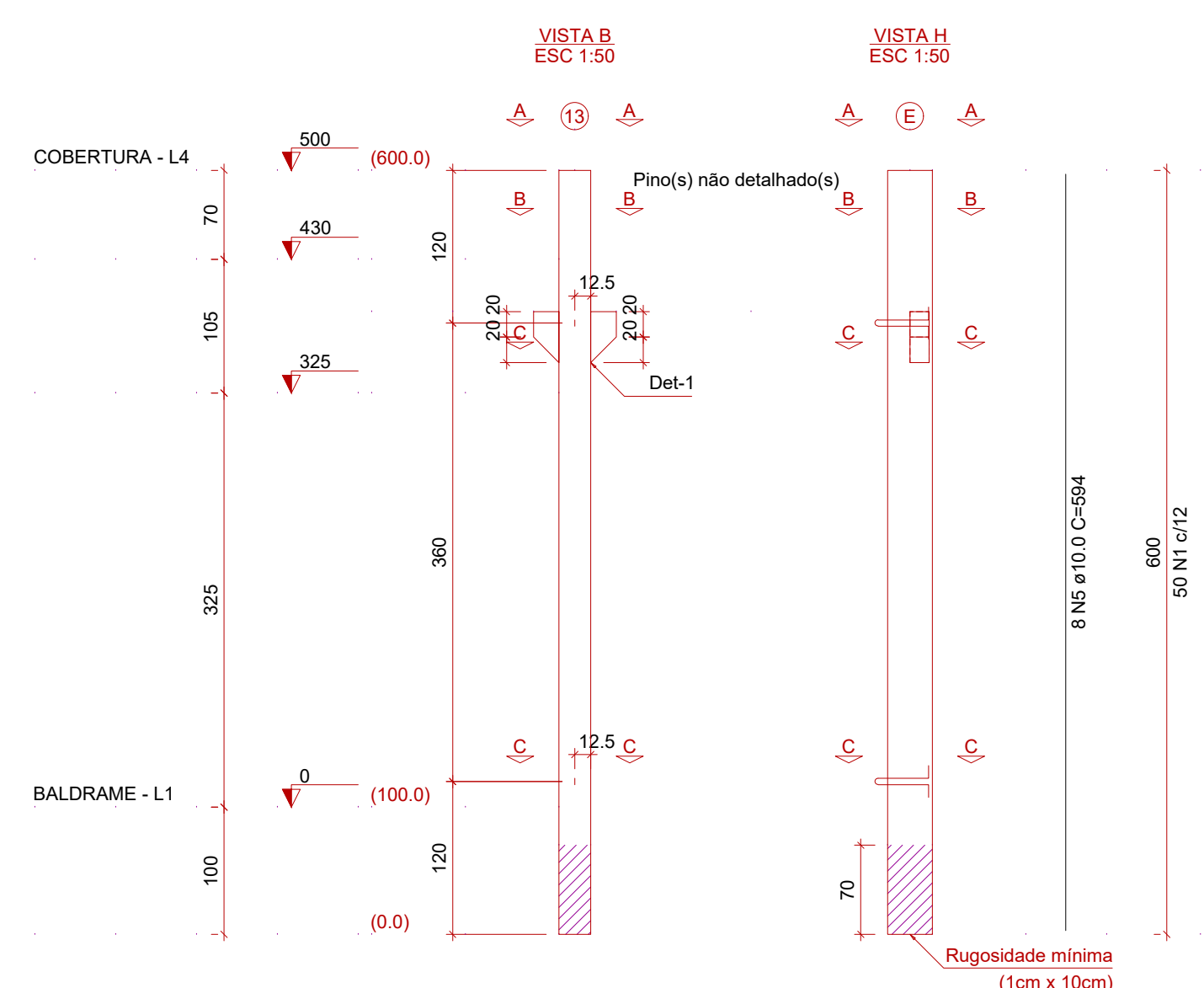
Relação das alças de içamento			
Qtd.	Apq.	a (mm)	C. Anc. (cm)
2	ASTM A36	19	32
			107

PP21



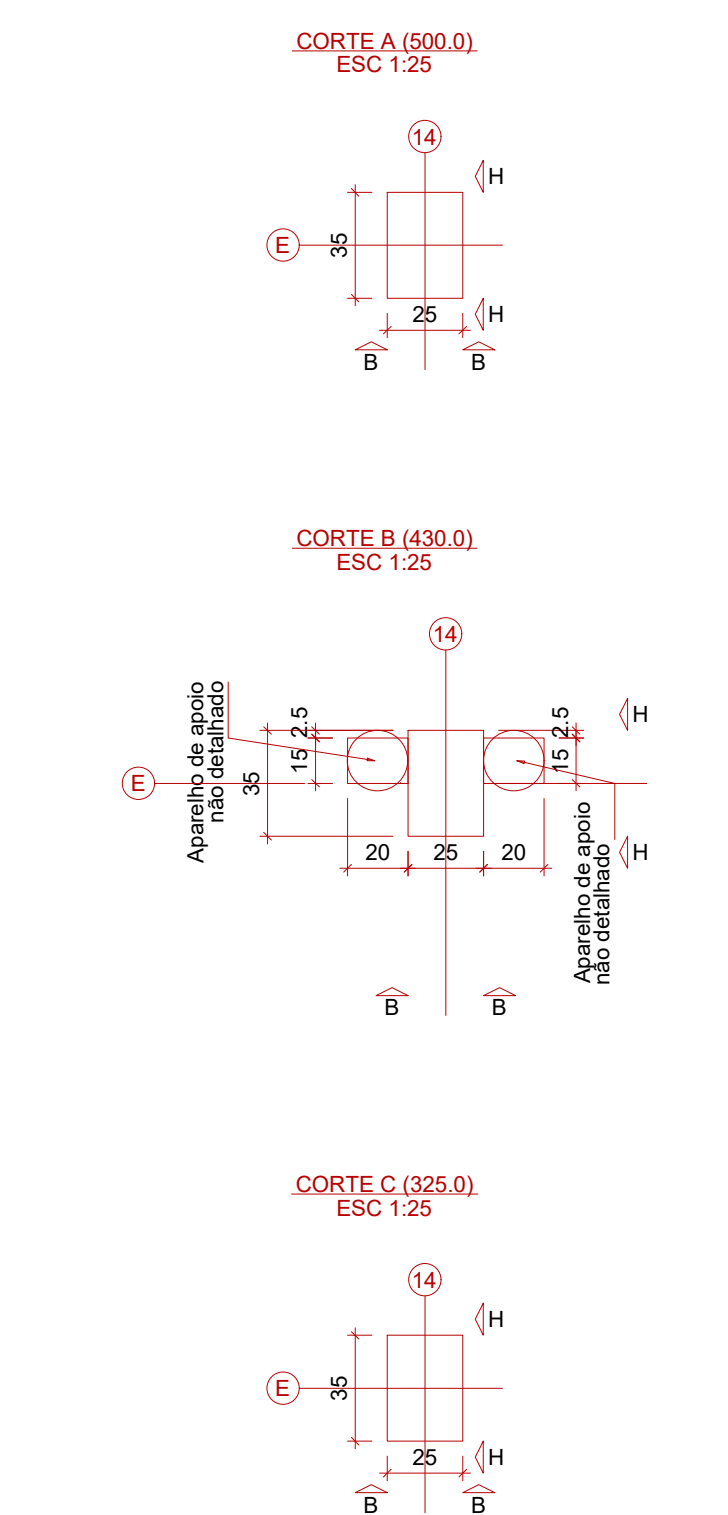
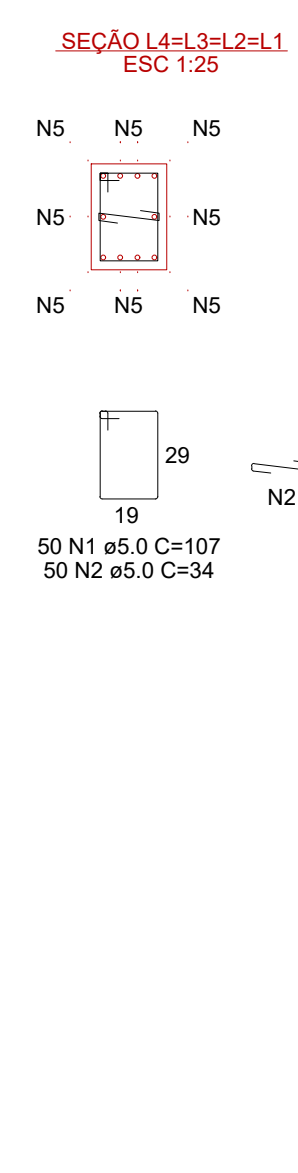
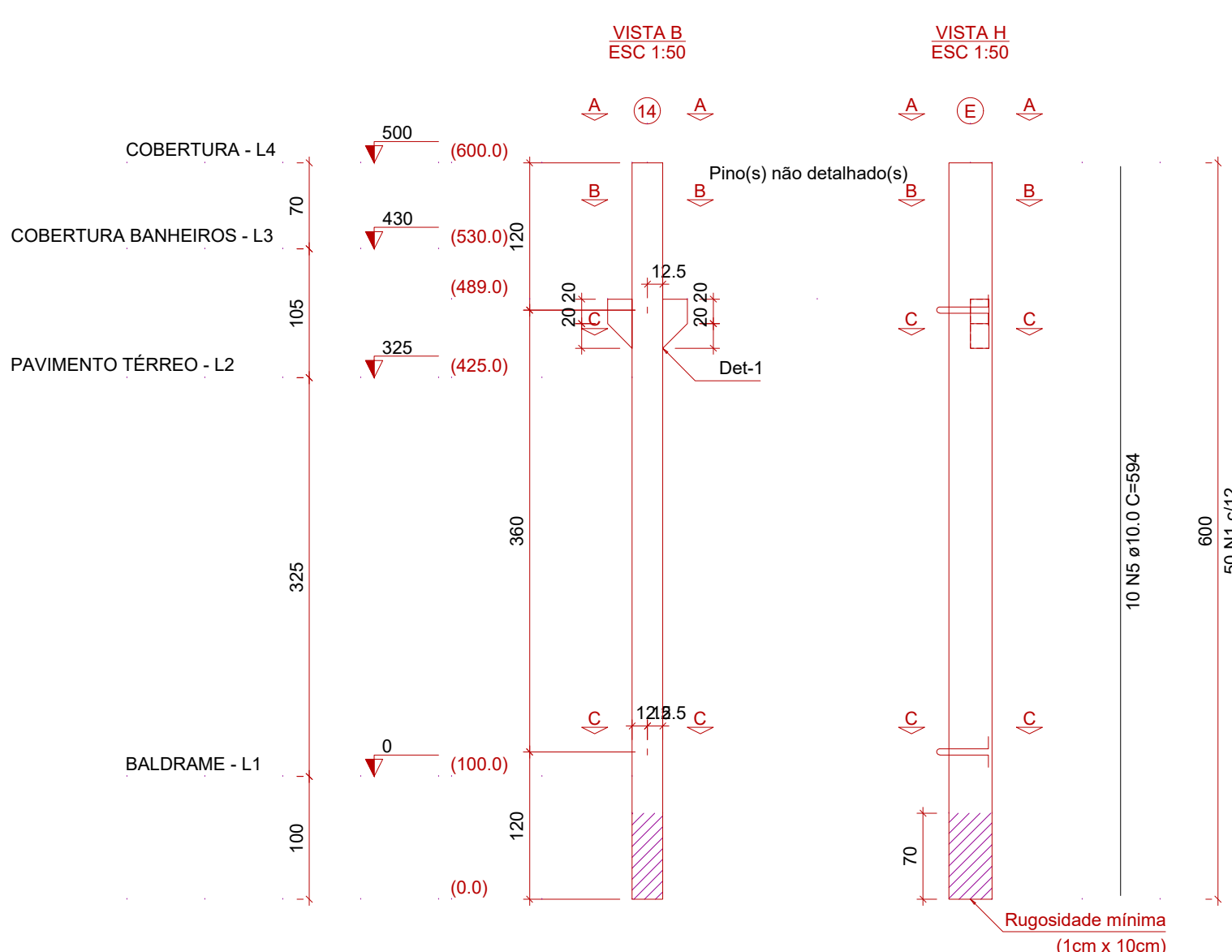
Relação das alças de içamento			
Qtd.	Apq.	a (mm)	C. Anc. (cm)
2	ASTM A36	19	32
			107

PP22



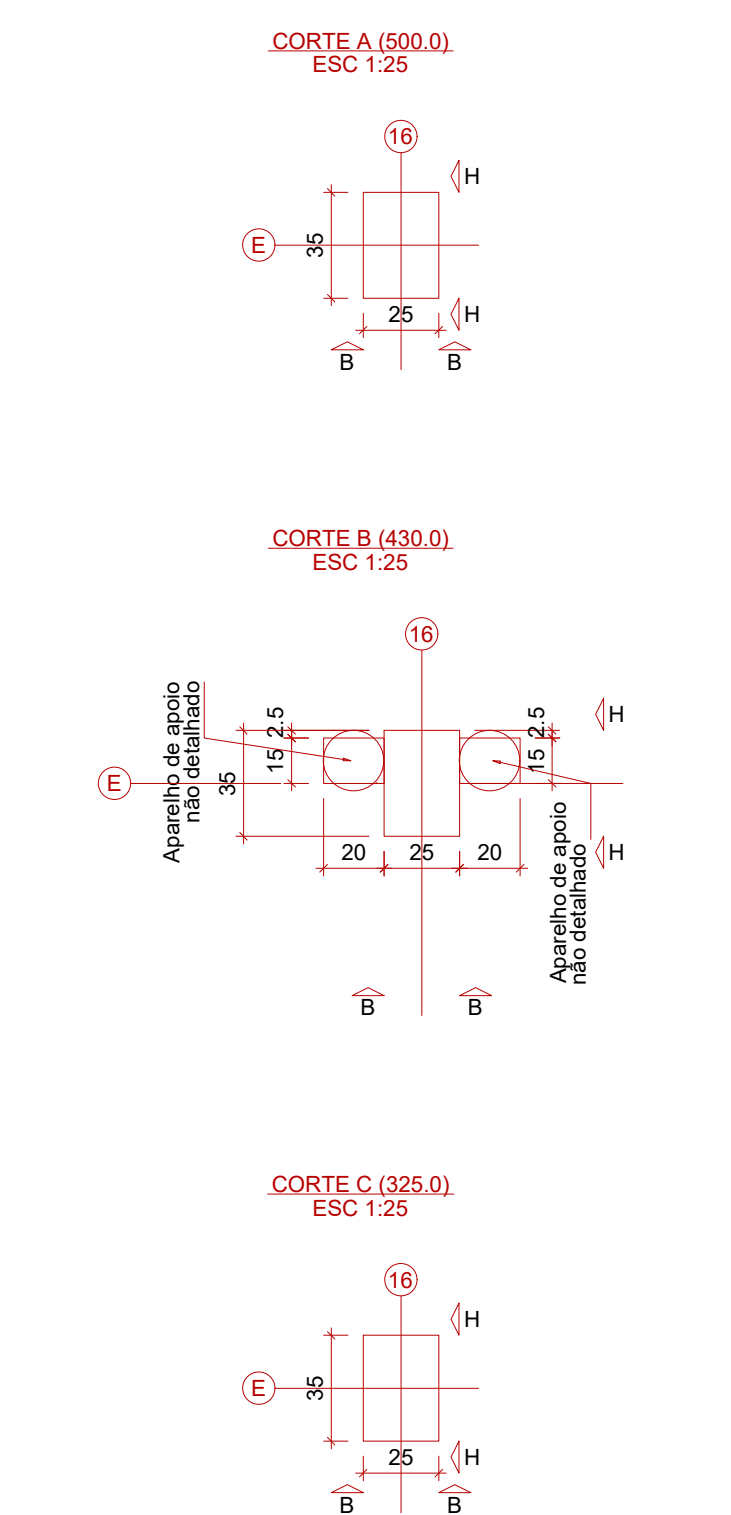
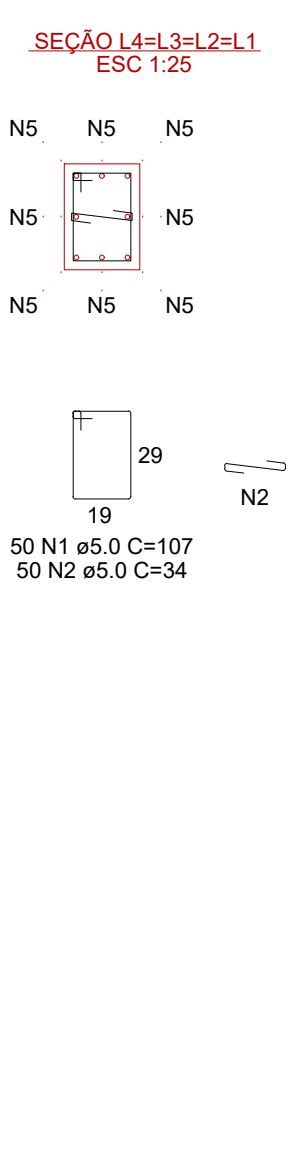
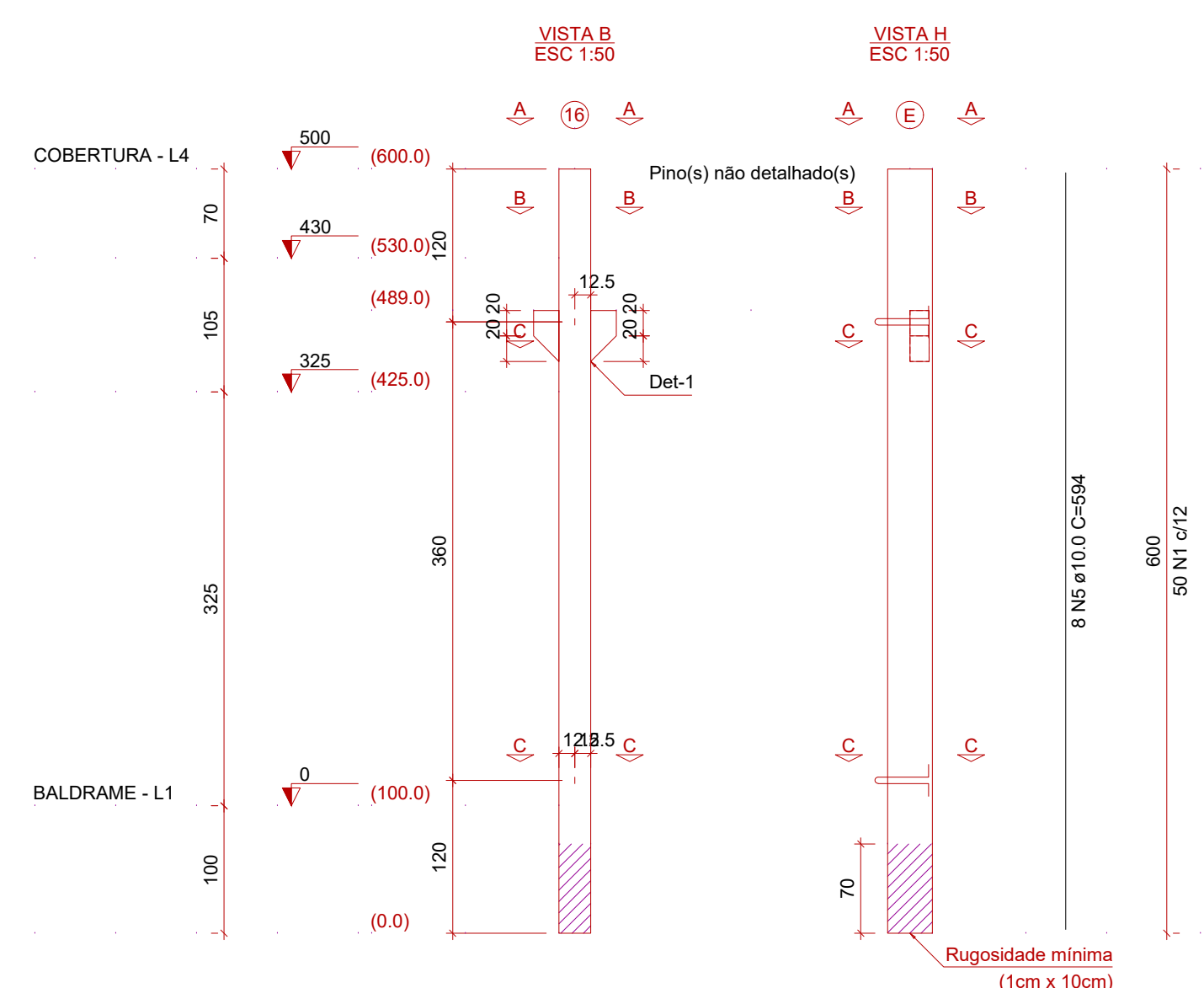
Relação das alças de içamento			
Qtd.	Apq.	a (mm)	C. Anc. (cm)
2	ASTM A36	19	32
			107

PP23



Relação das alças de içamento			
Qtd.	Apq.	a (mm)	C. Anc. (cm)
2	ASTM A36	19	32
			107

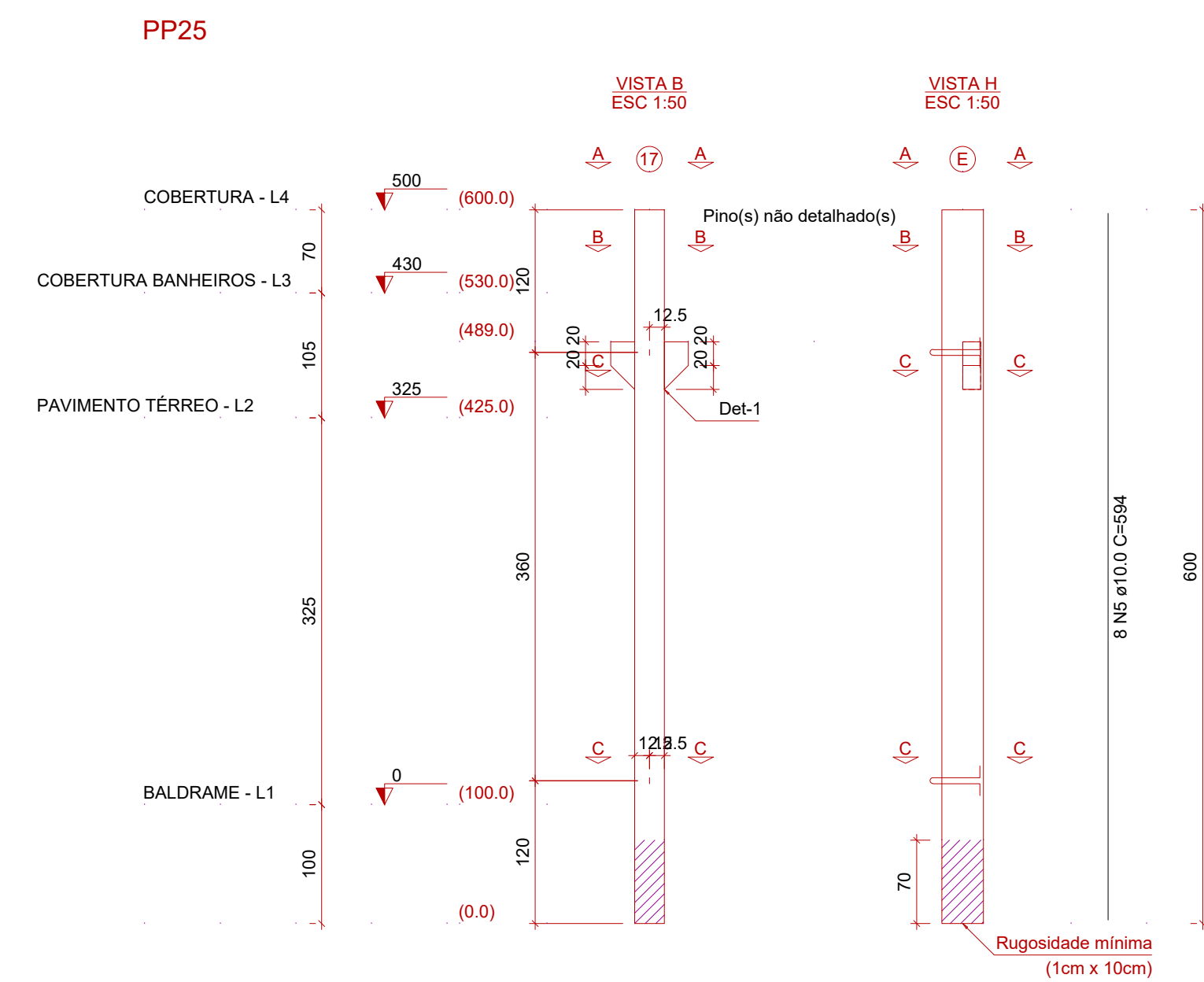
PP24



Relação das alças de içamento			
Qtd.	Apq.	a (mm)	C. Anc. (cm)
2	ASTM A36	19	32
			107

PROJETO ESTRUTURAL BARRACÃO INDUSTRIAL

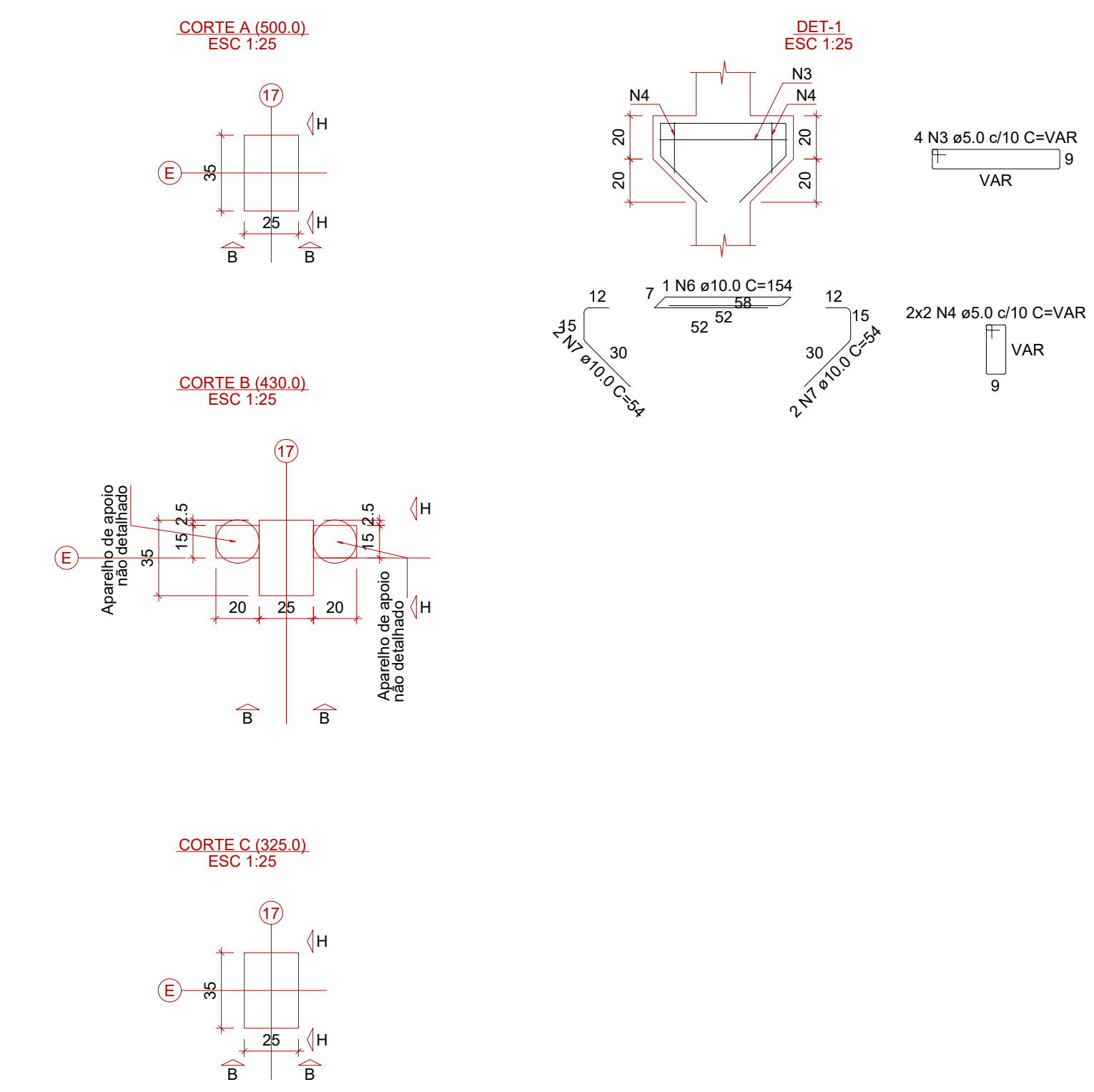
Rua Maceió		Área Total: 7.800,00 m ²	Área Útil: 900,00 m ²
01-A	176	São Lucas	CÉU AZUL - PR
PROPRIETÁRIO: MUNICÍPIO DE CÉU AZUL CNPJ: 78.288.473/0001-01 LAURINDO SPEROTTO / PREFEITO		PROJETO: GIAN CARLOS BORTOLINI VALLI CREA PR- 163755/0	
ÁREA: 900,00m ²	CONTEÚDO: Detalhamento dos pilares pré-moldados	FORMATO: A0	PRANCHAS: 10/12
ESCALA: INDICADA	DATA: AGOSTO/2023	A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.	



SEÇÃO L4+L3+L2+L1
ESC 1:25

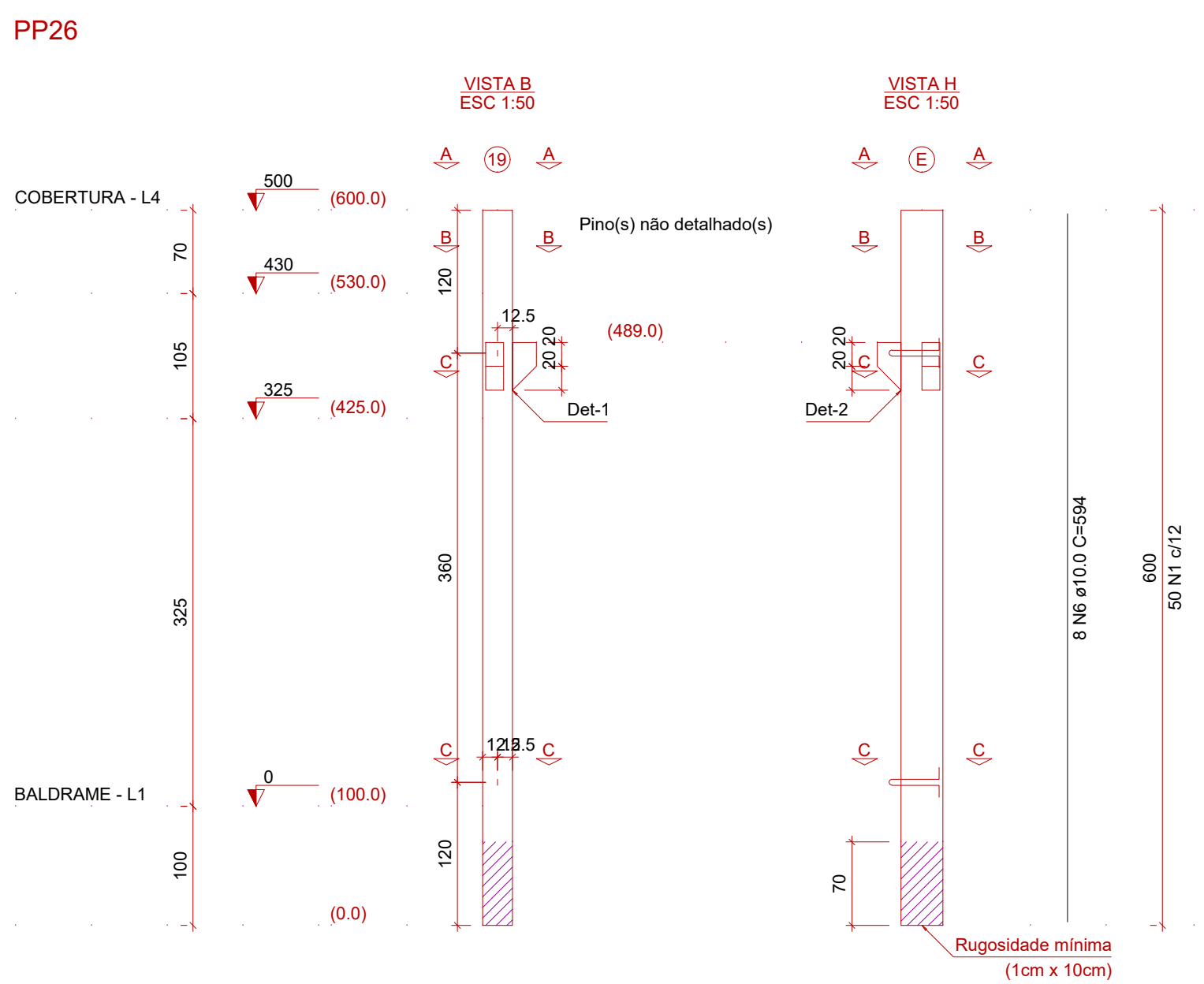
N5	N5	N5
N5	N5	N5

19
50 N1 ø5.0 C=107
50 N2 ø5.0 C=34



Relação das alças de aço

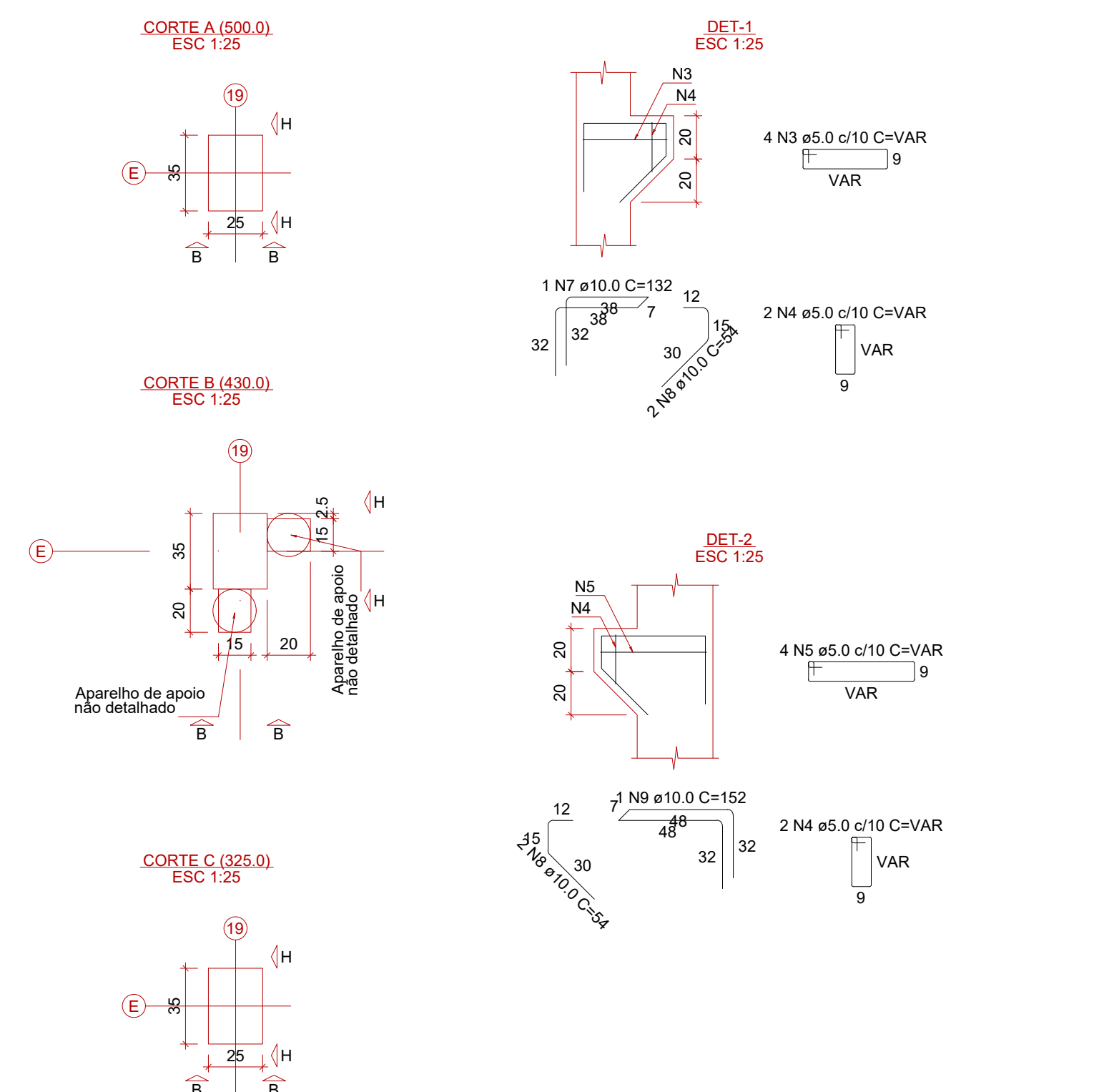
Qtd.	Aço	a (mm)	C. Anc. (cm)	C. Unt. (cm)
2	ASTM A36	10	32	107



SEÇÃO L4+L3+L2+L1
ESC 1:25

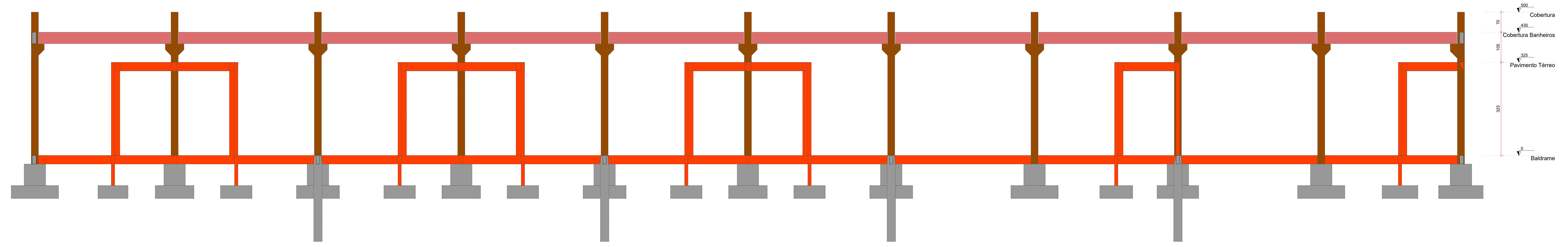
N6	N6	N6
N6	N6	N6

19
50 N1 ø5.0 C=107
50 N2 ø5.0 C=34

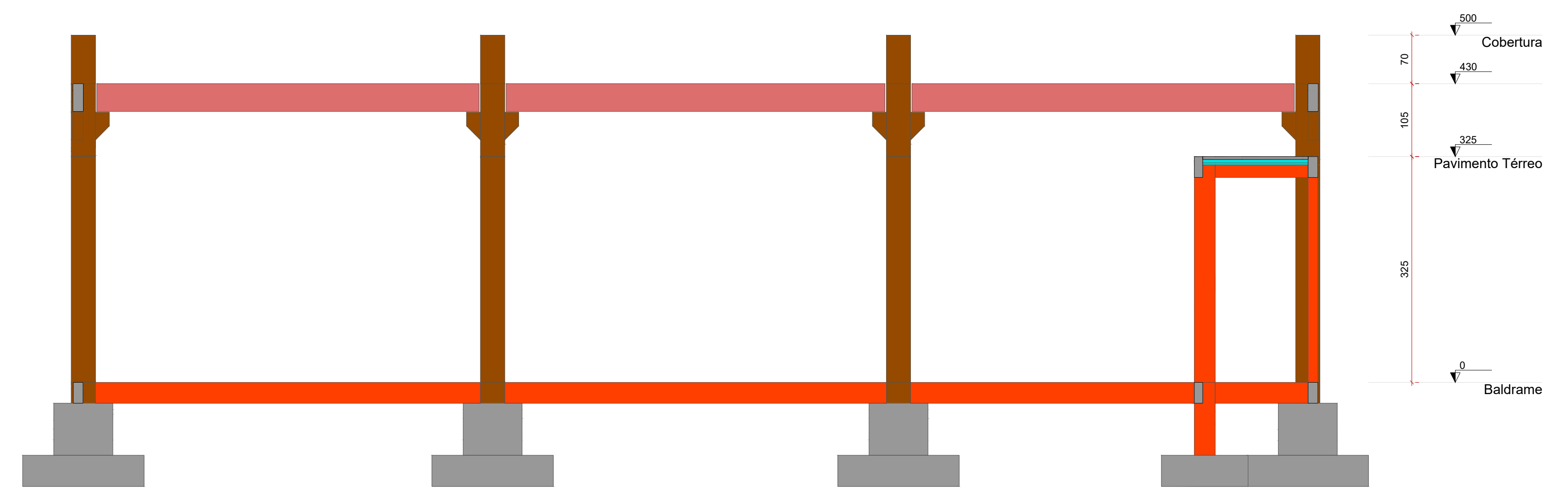


Relação das alças de aço

Qtd.	Aço	a (mm)	C. Anc. (cm)	C. Unt. (cm)
2	ASTM A36	10	32	107



Corte B-B
escala 1:50

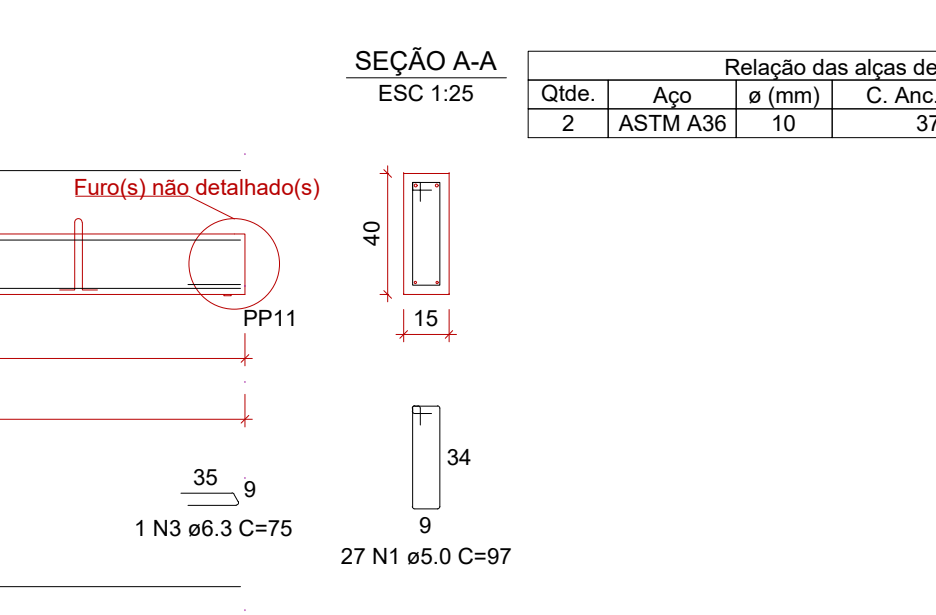
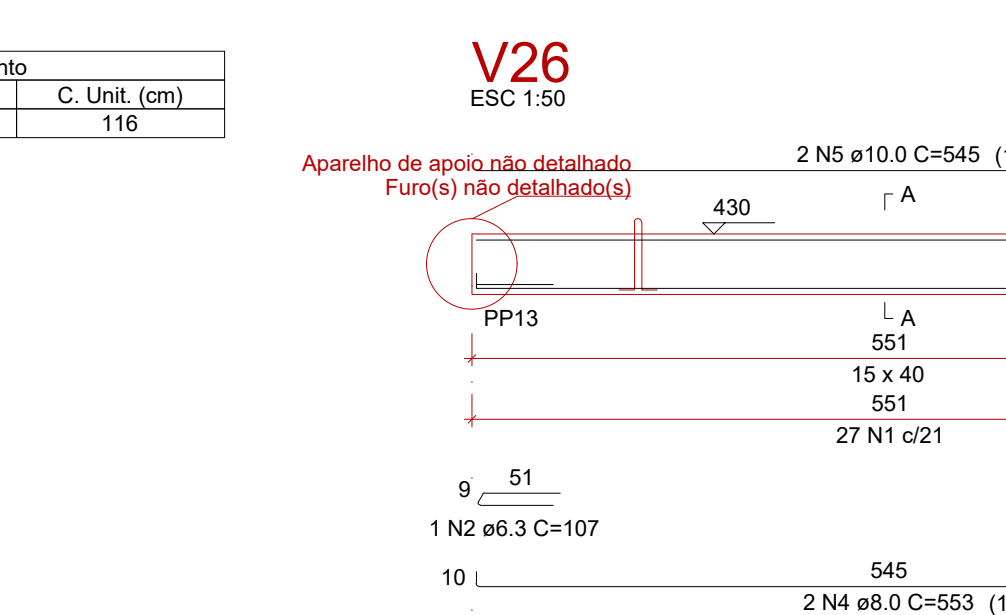
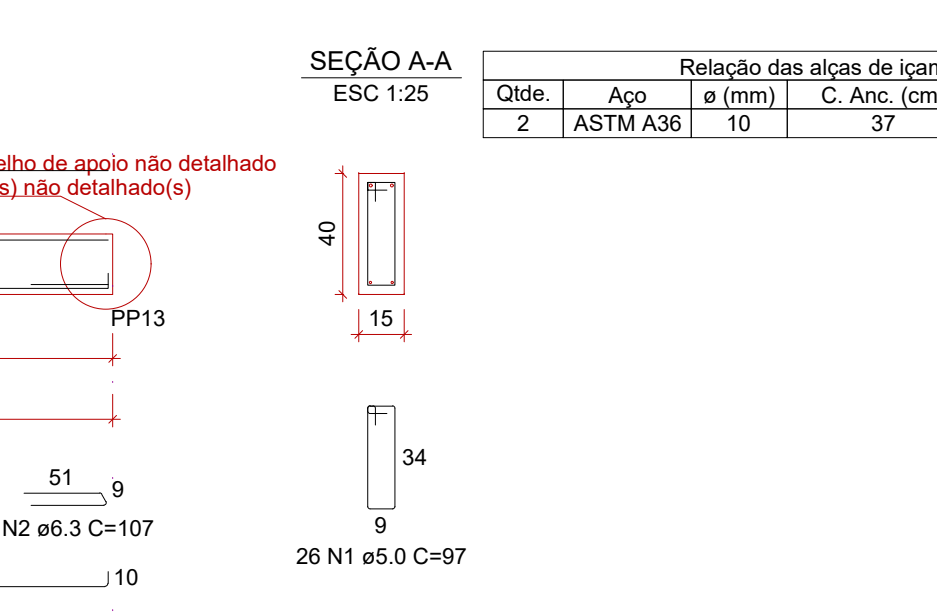
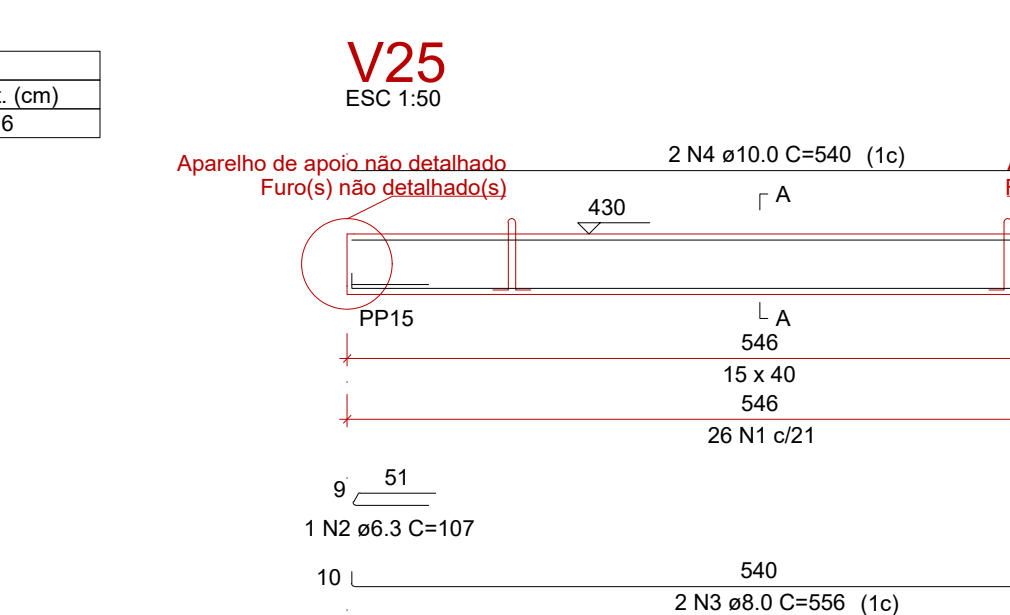
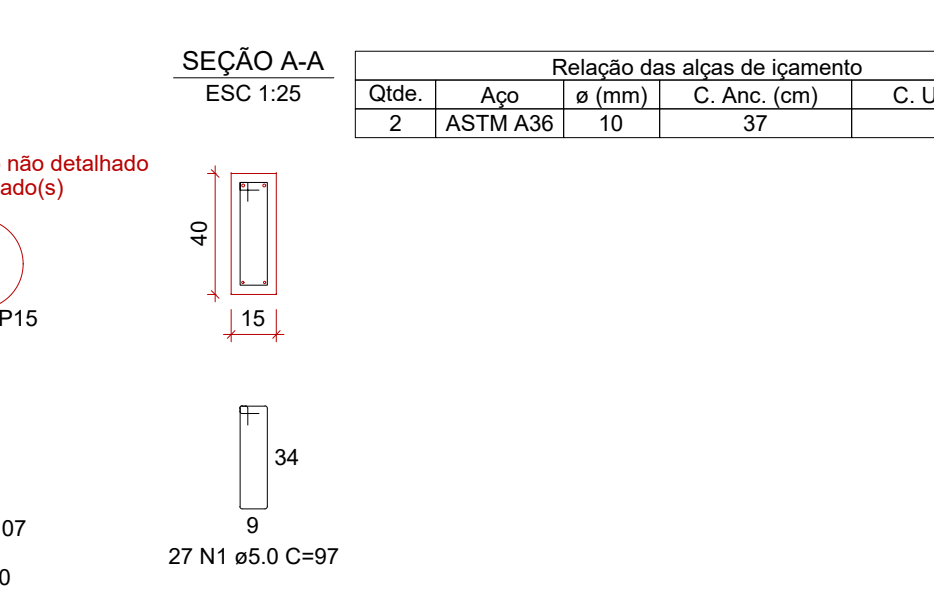
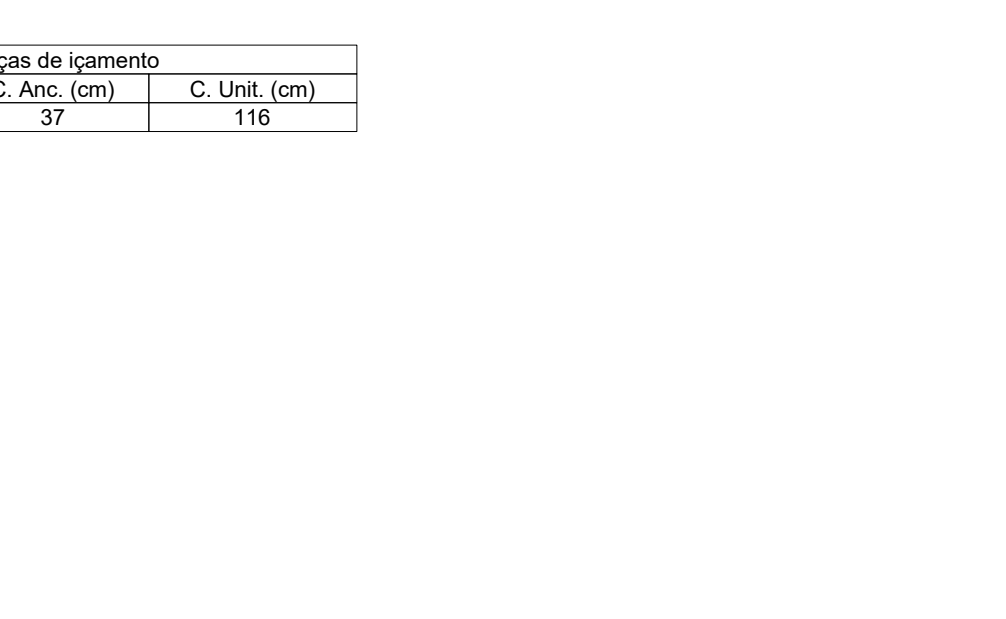
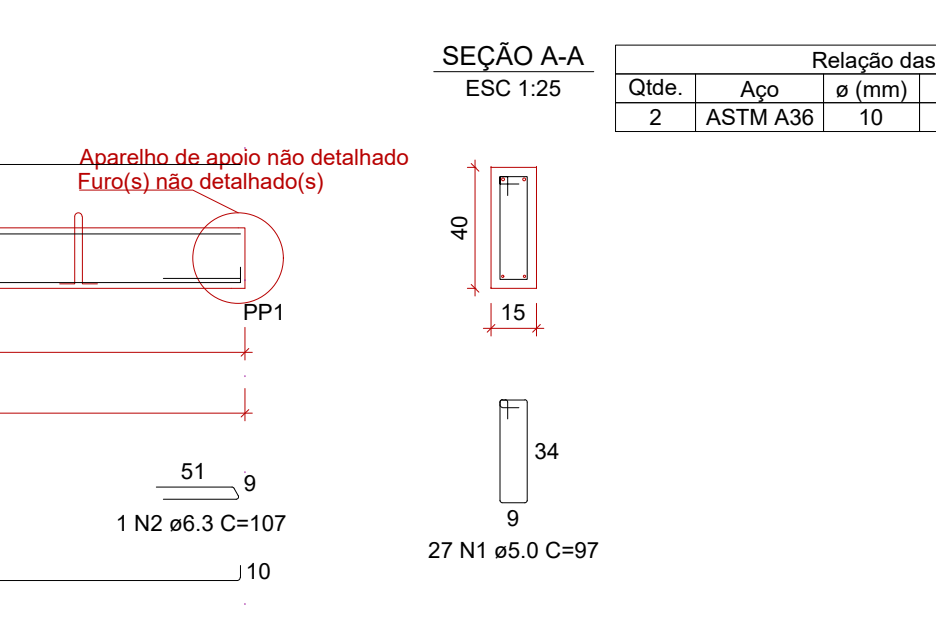
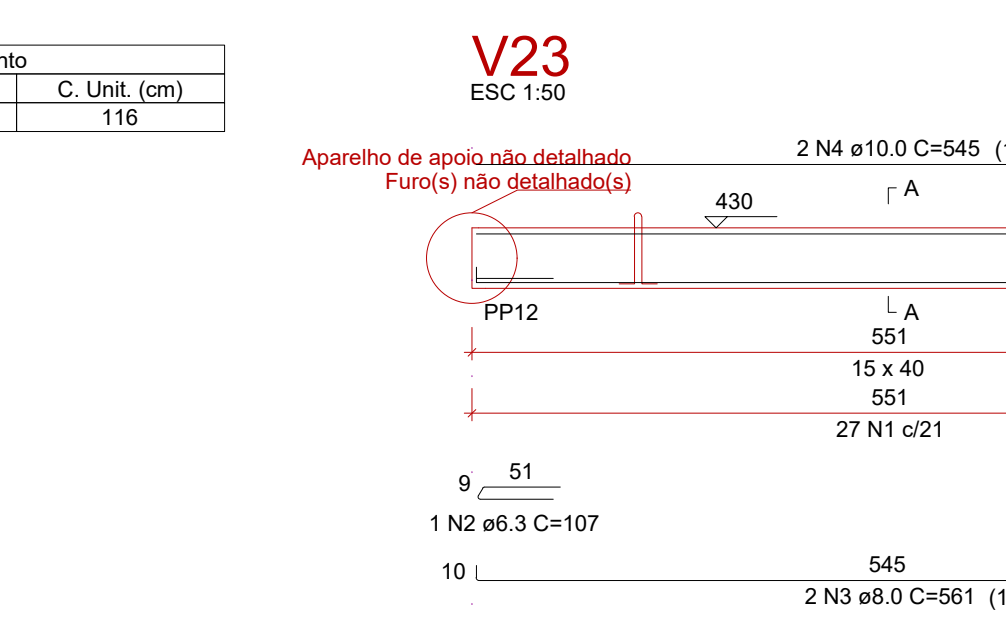
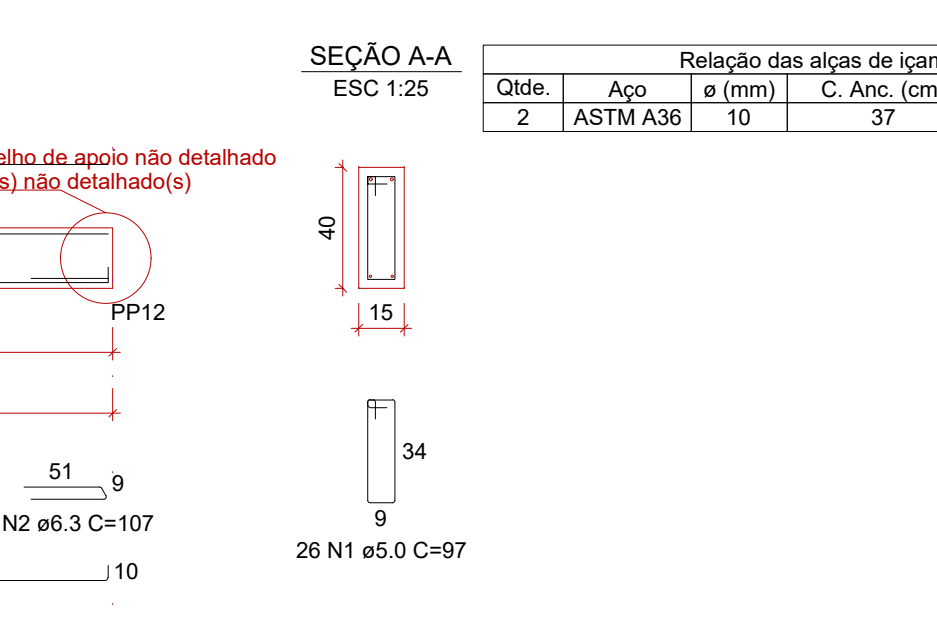
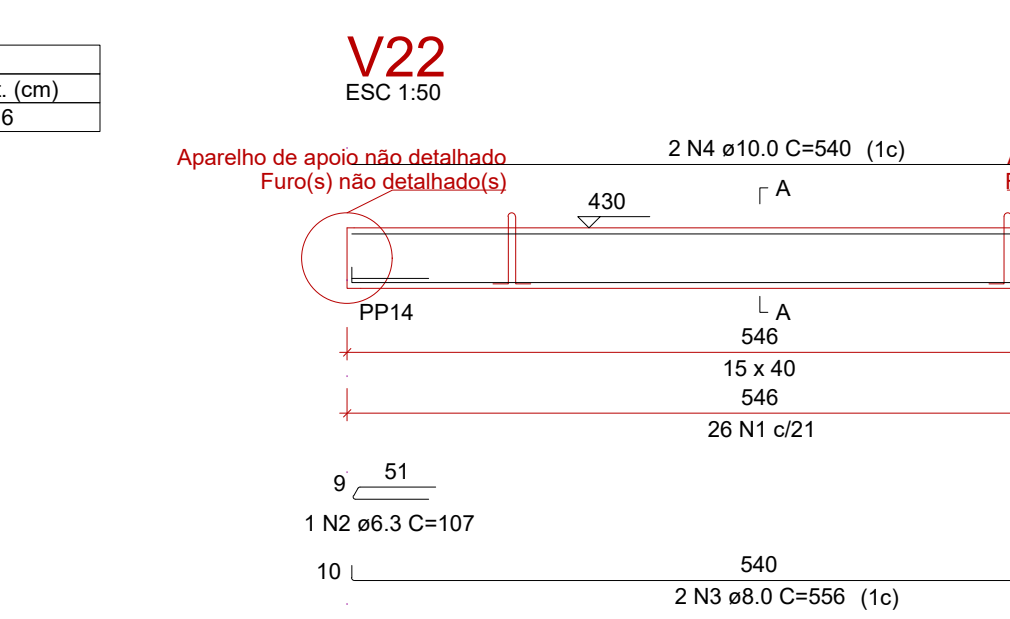
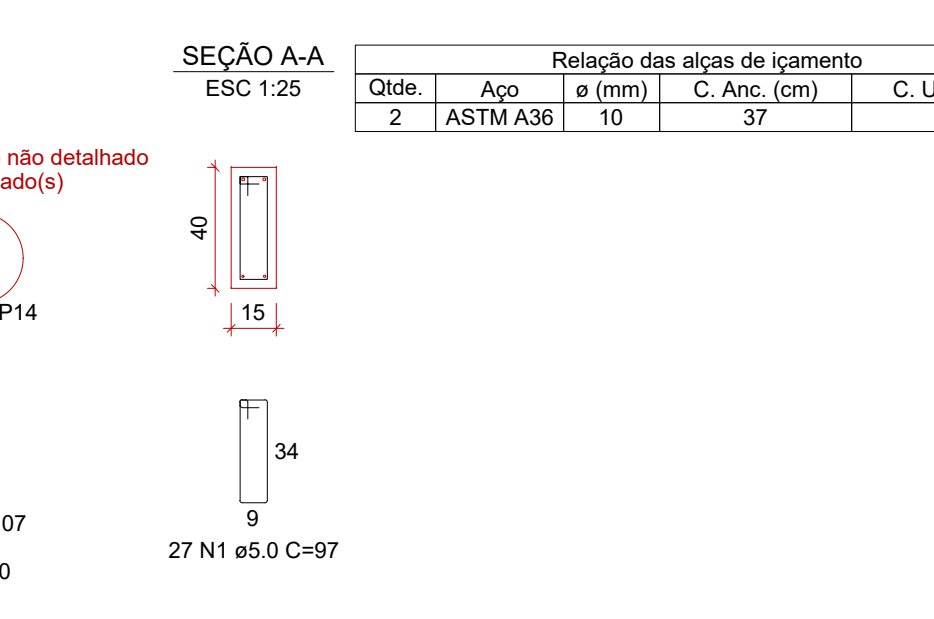
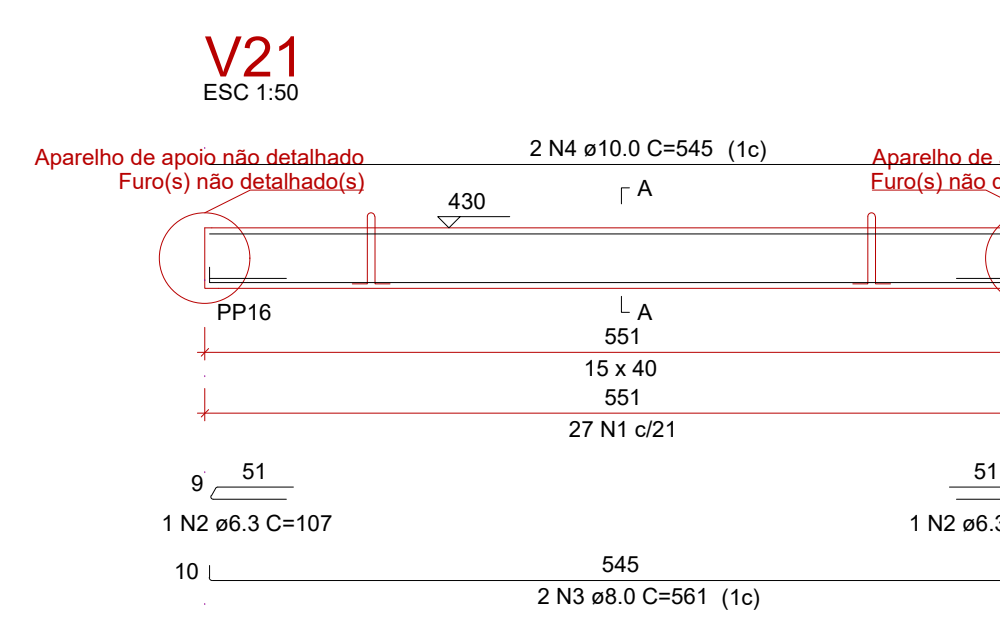
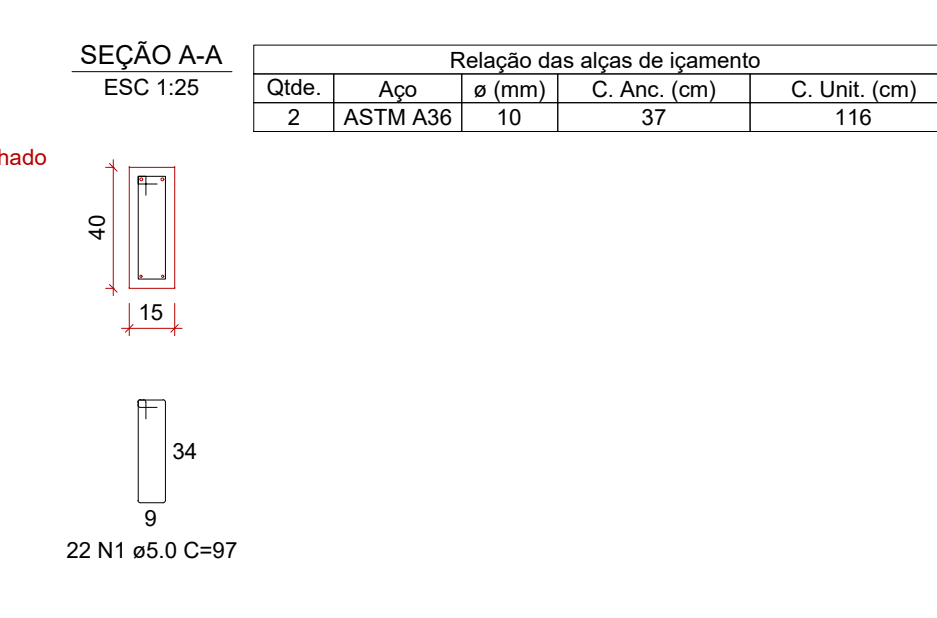
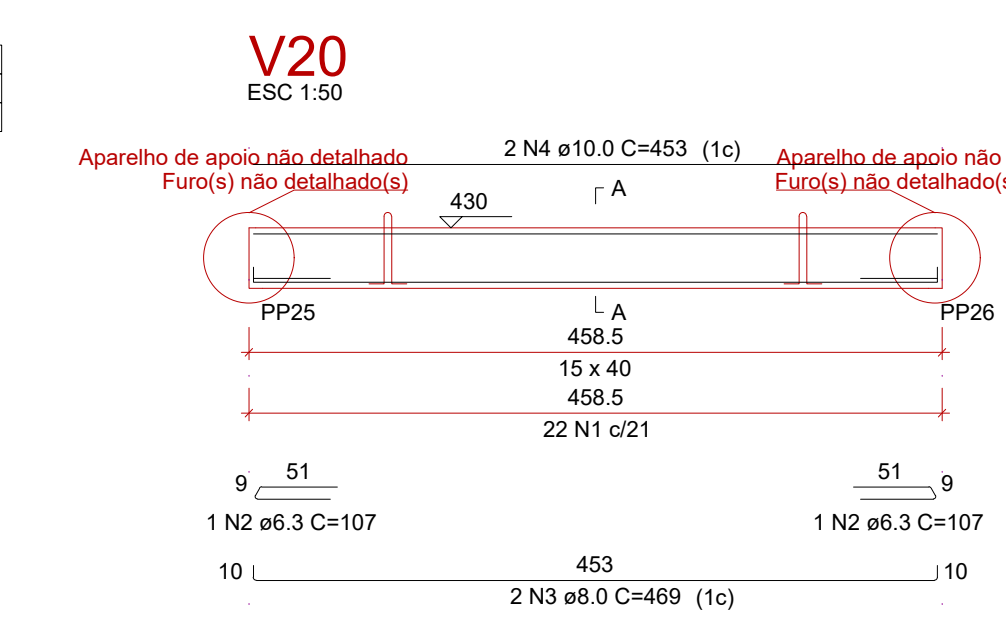
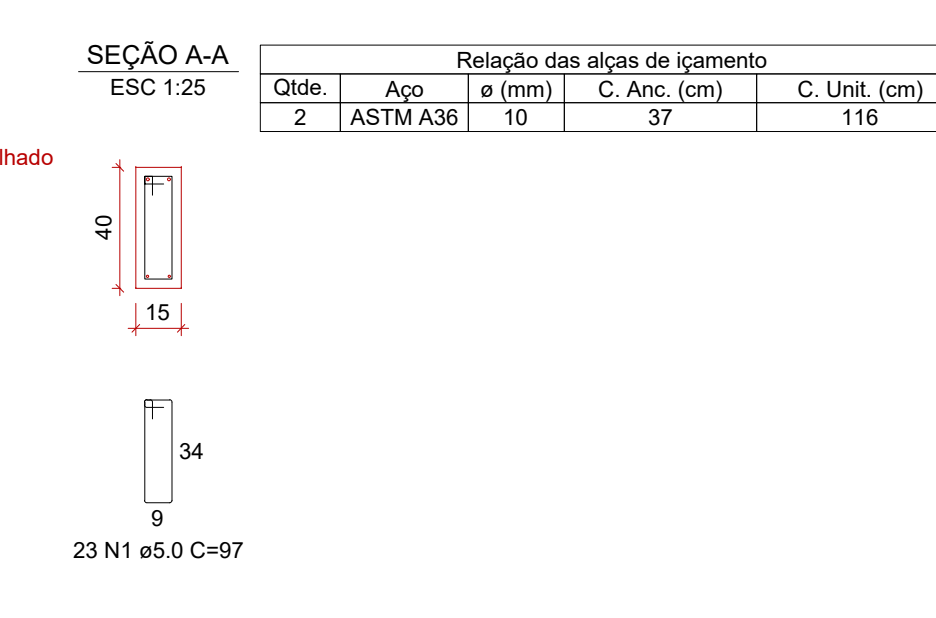
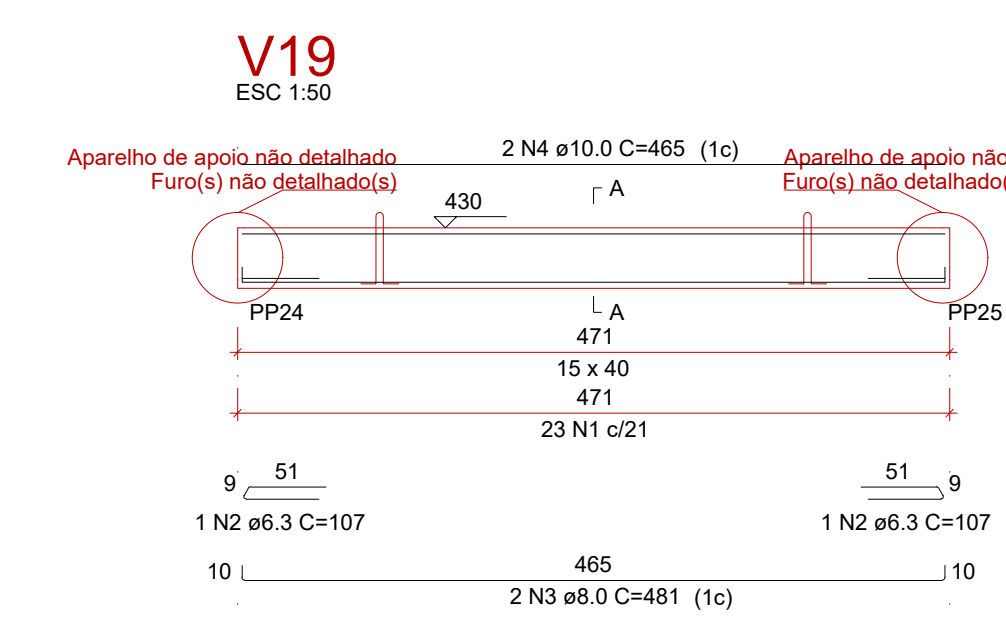
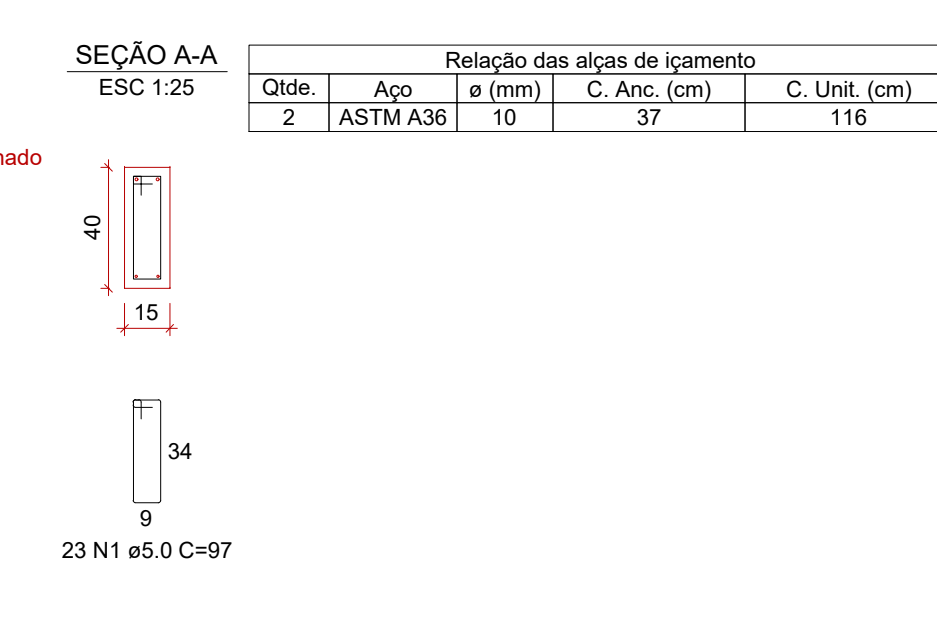
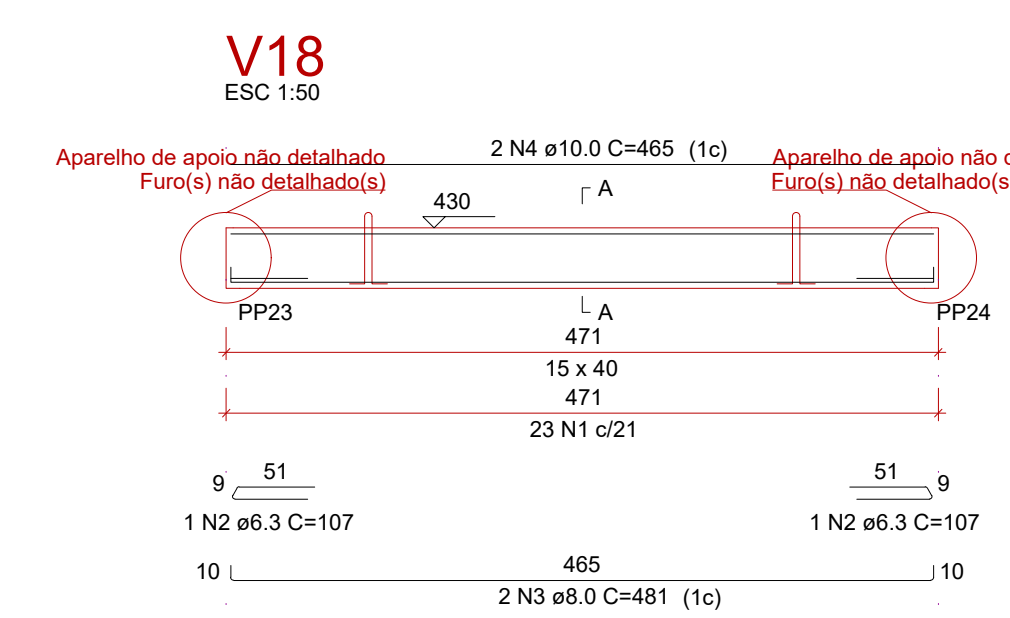
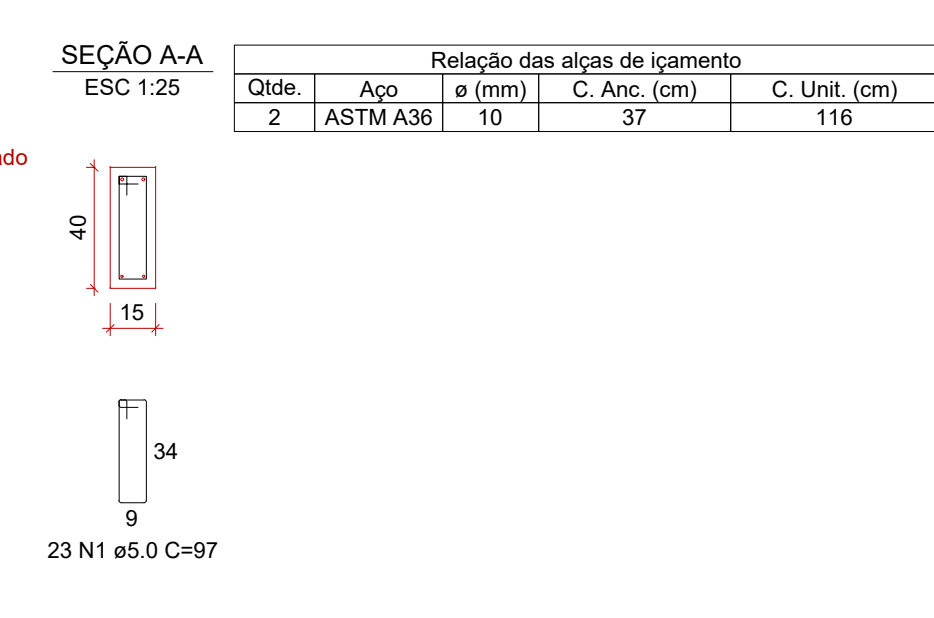
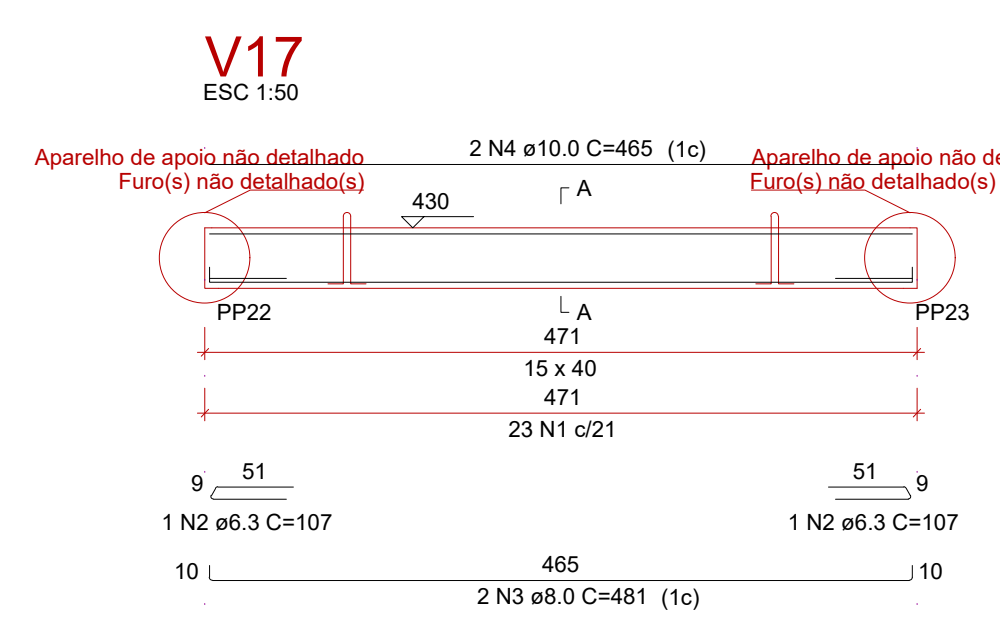
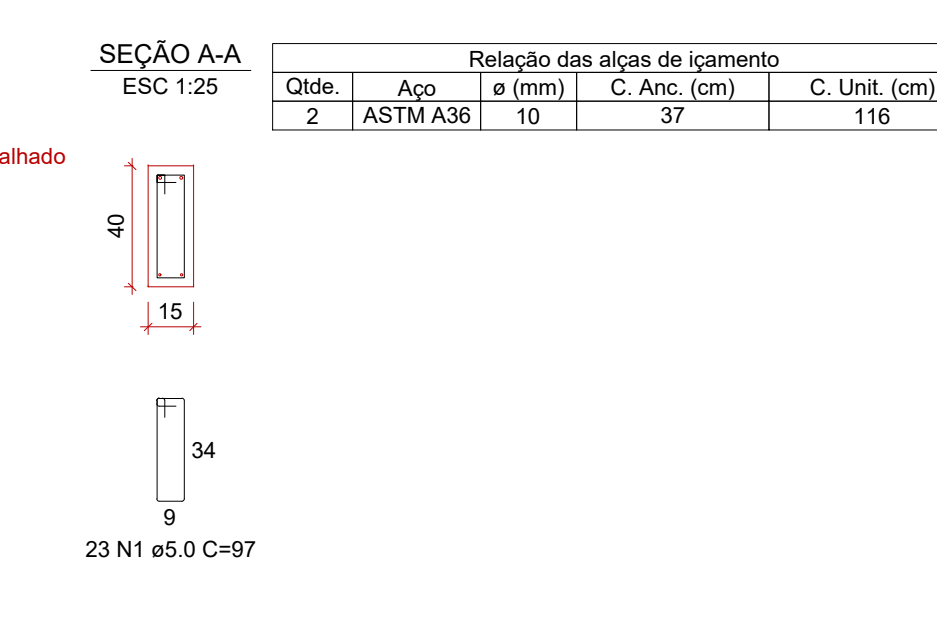
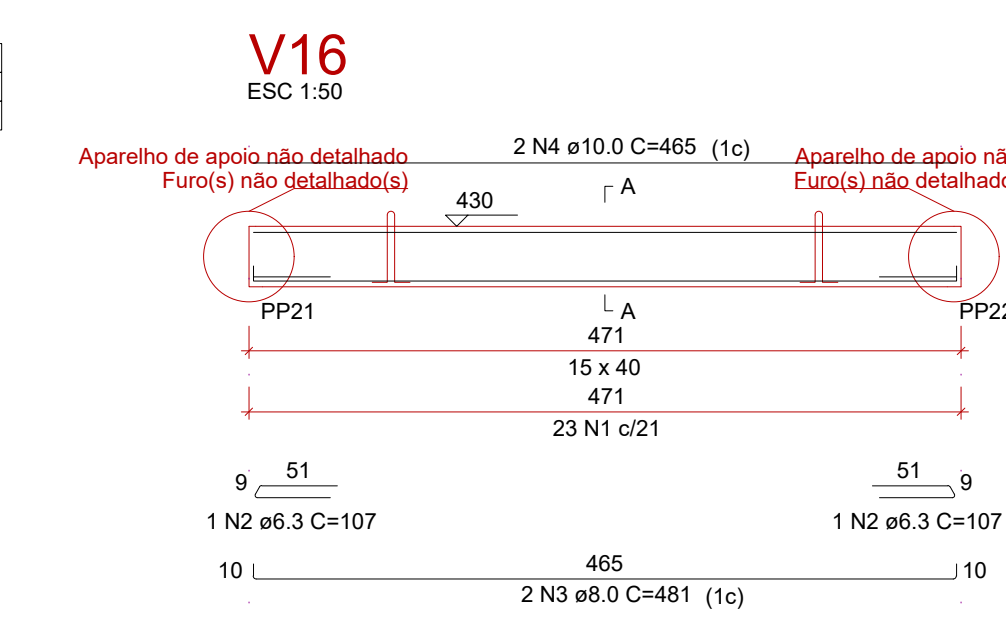
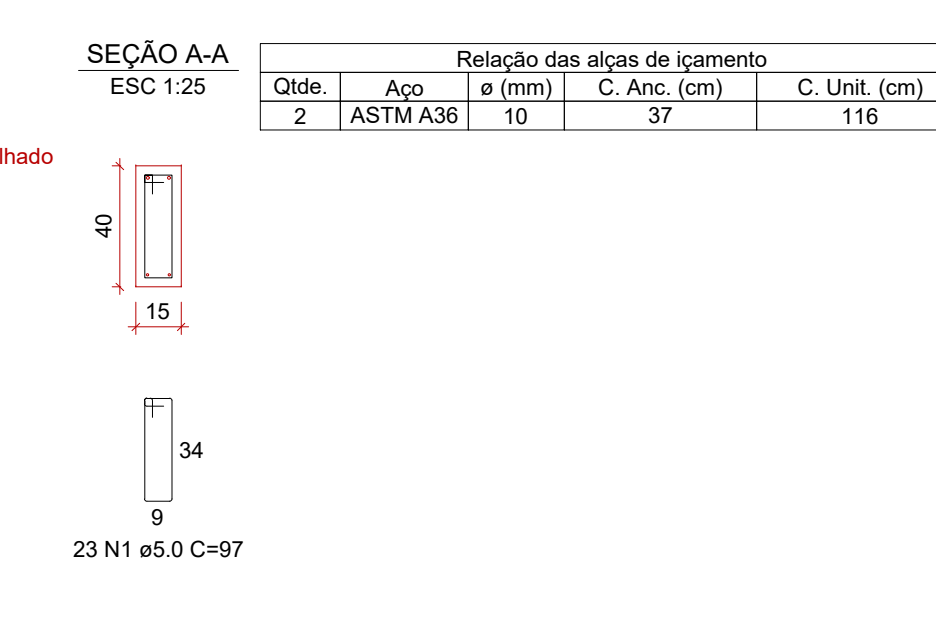
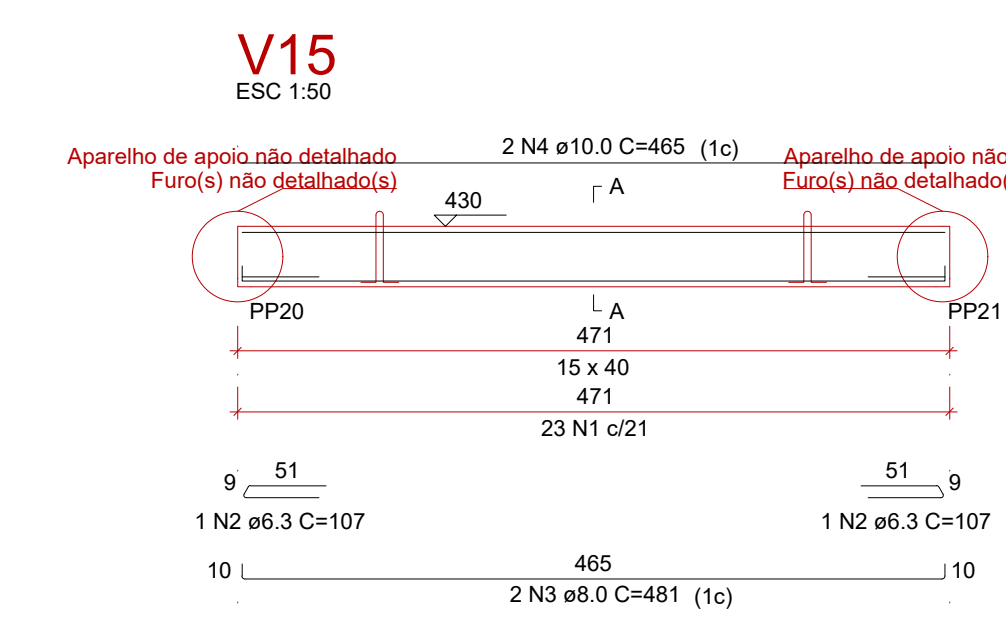
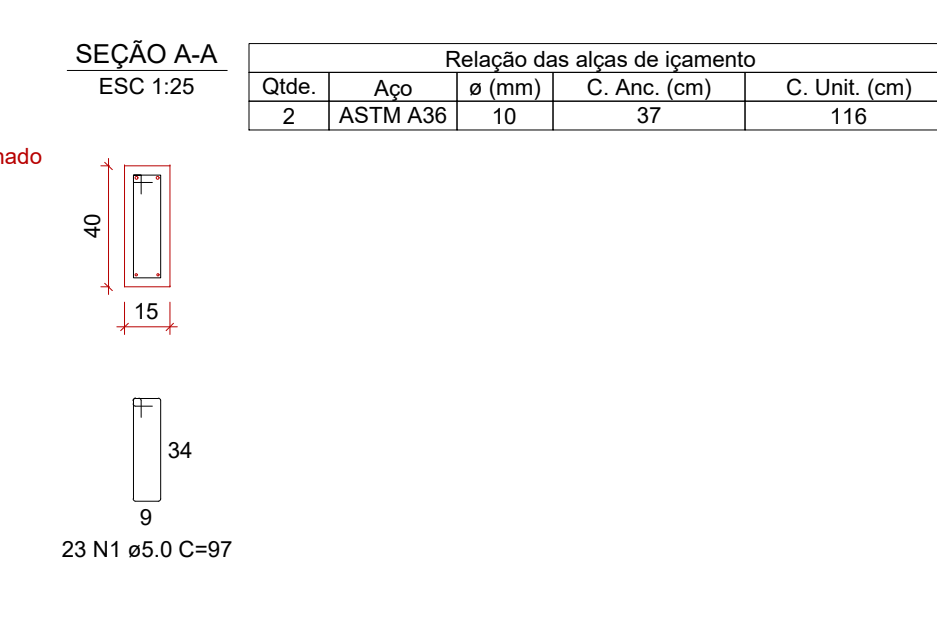
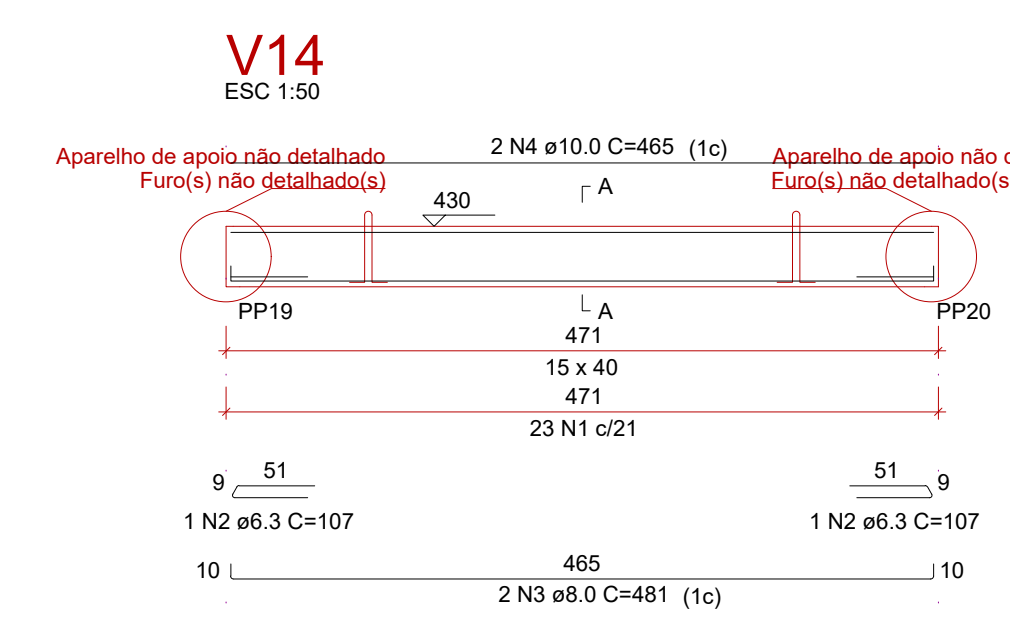
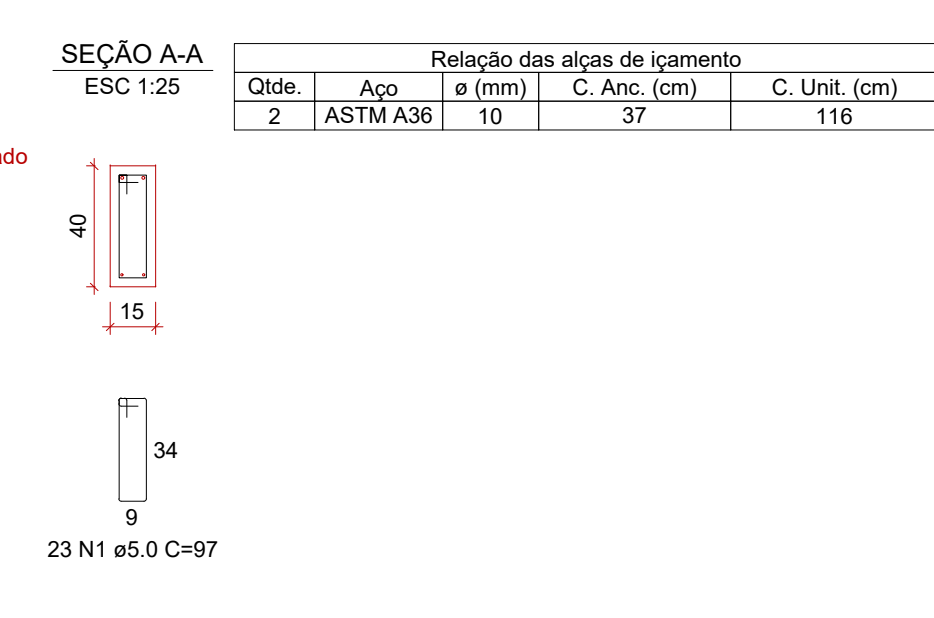
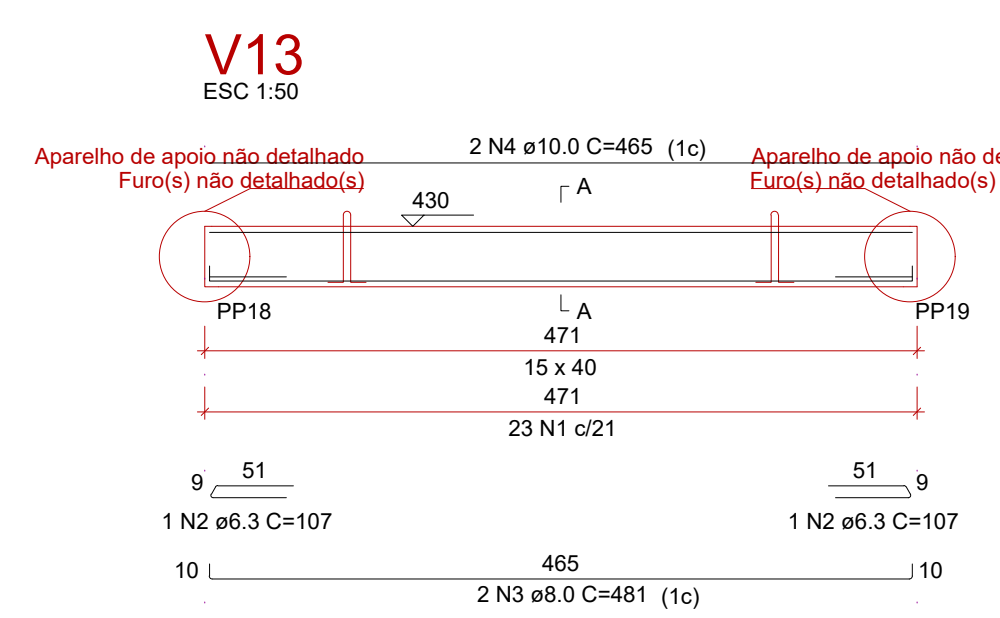
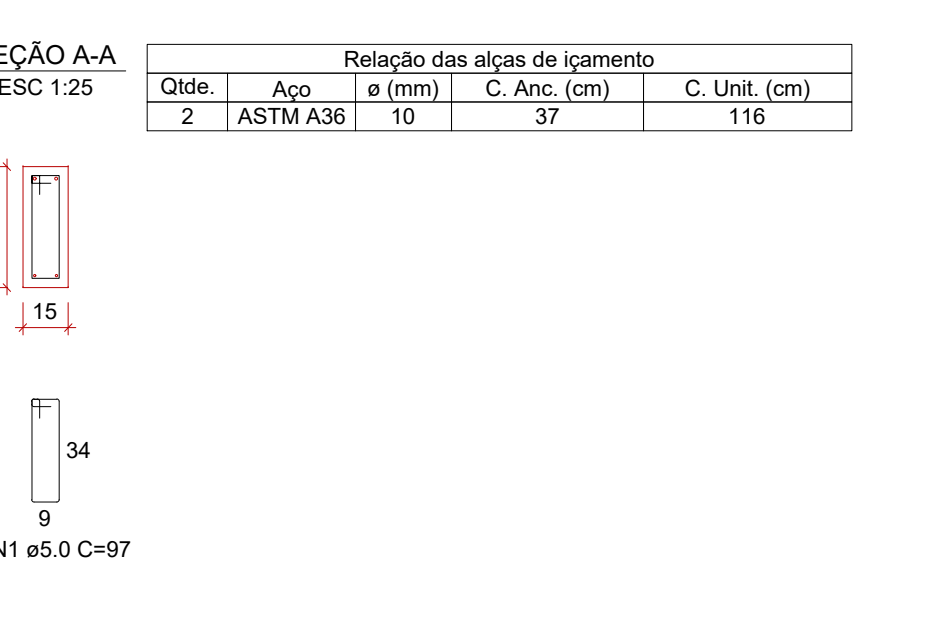
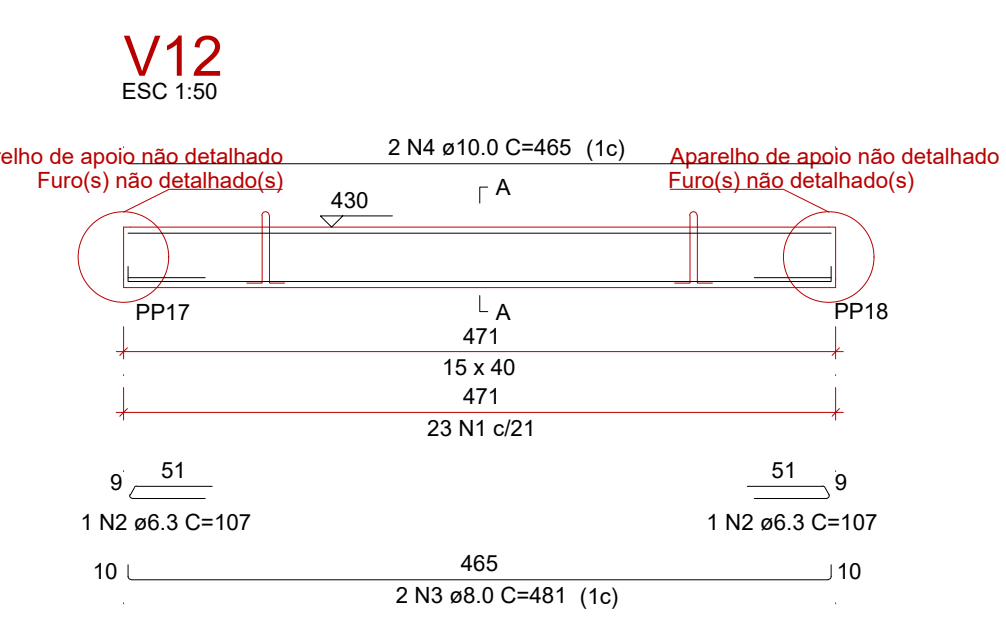
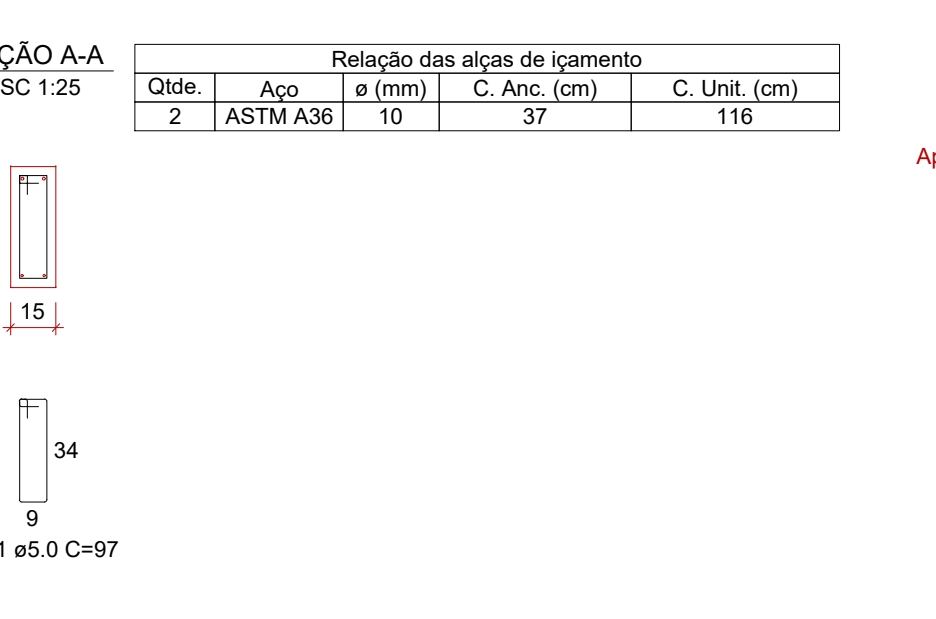
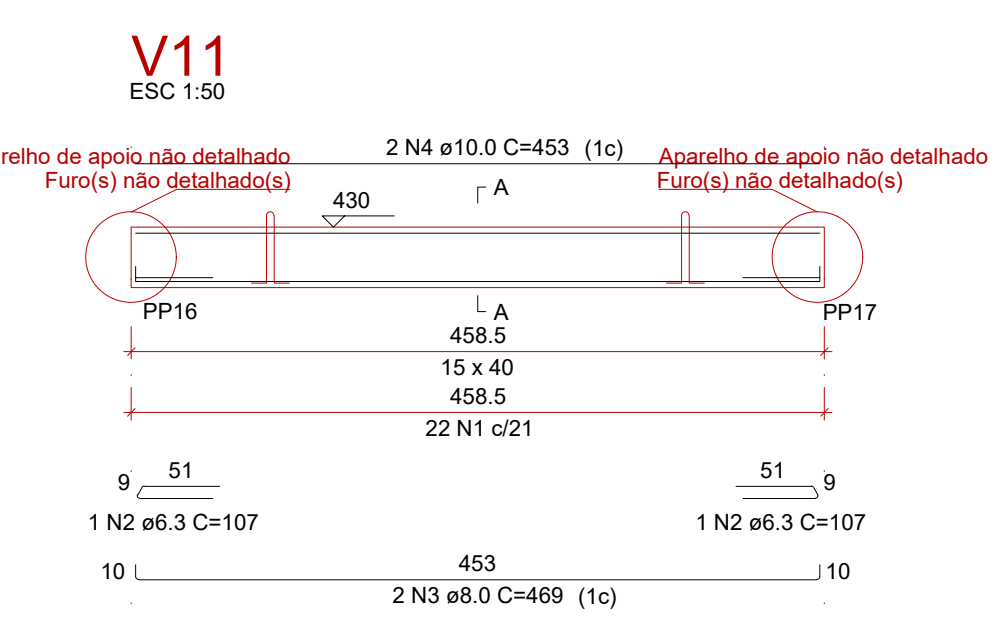
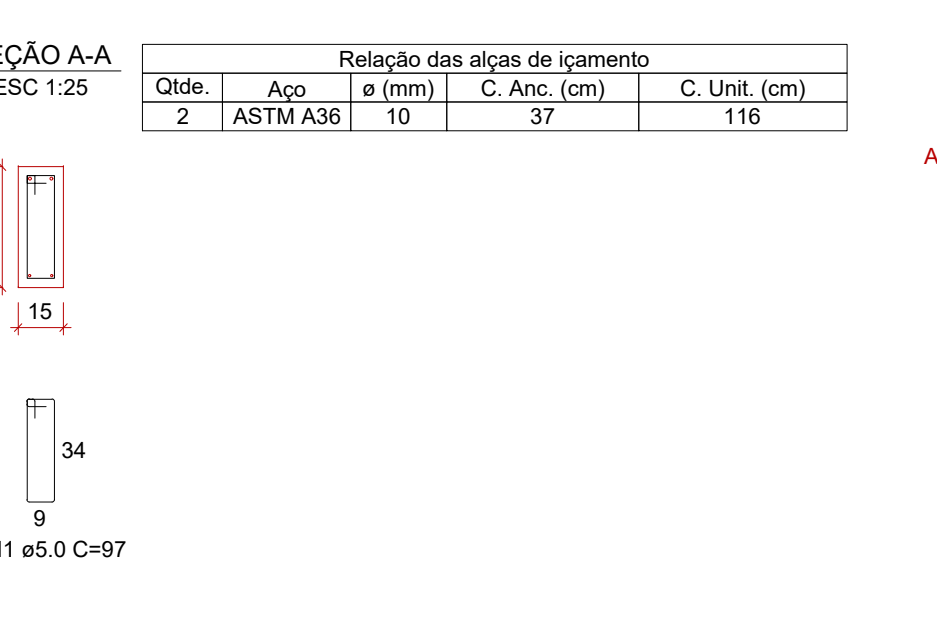
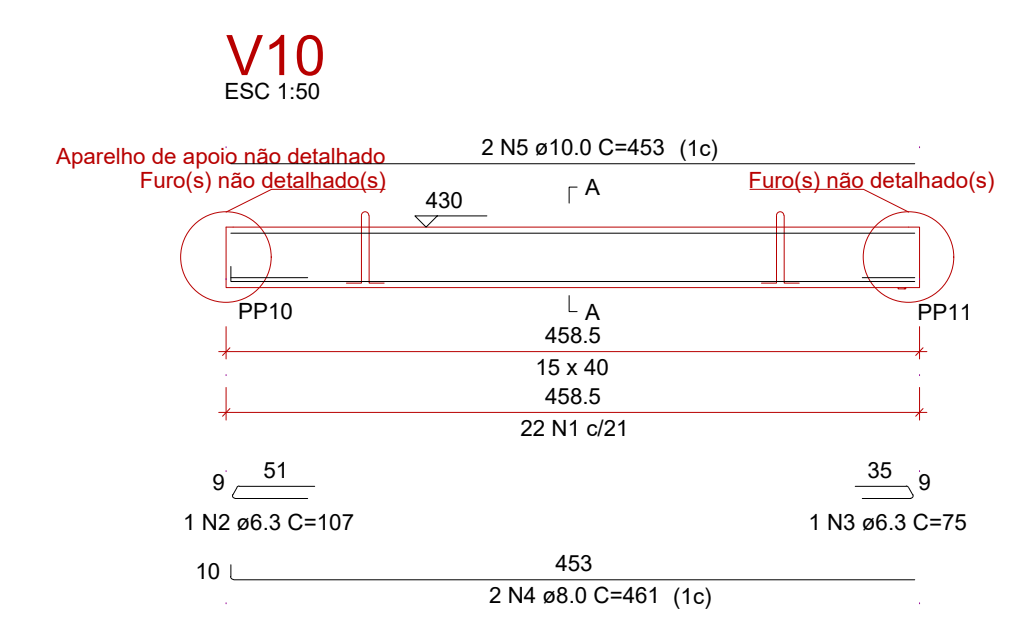
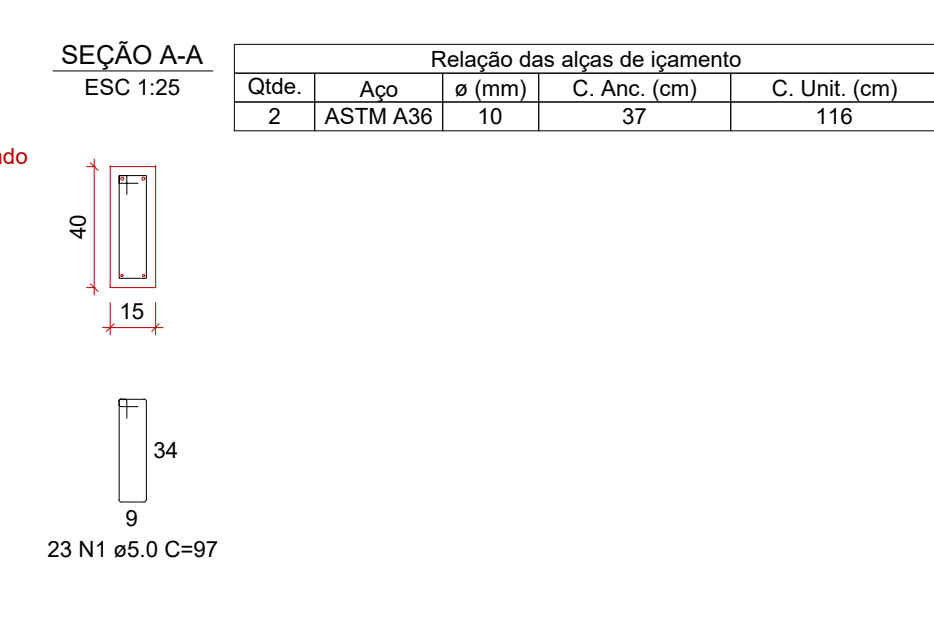
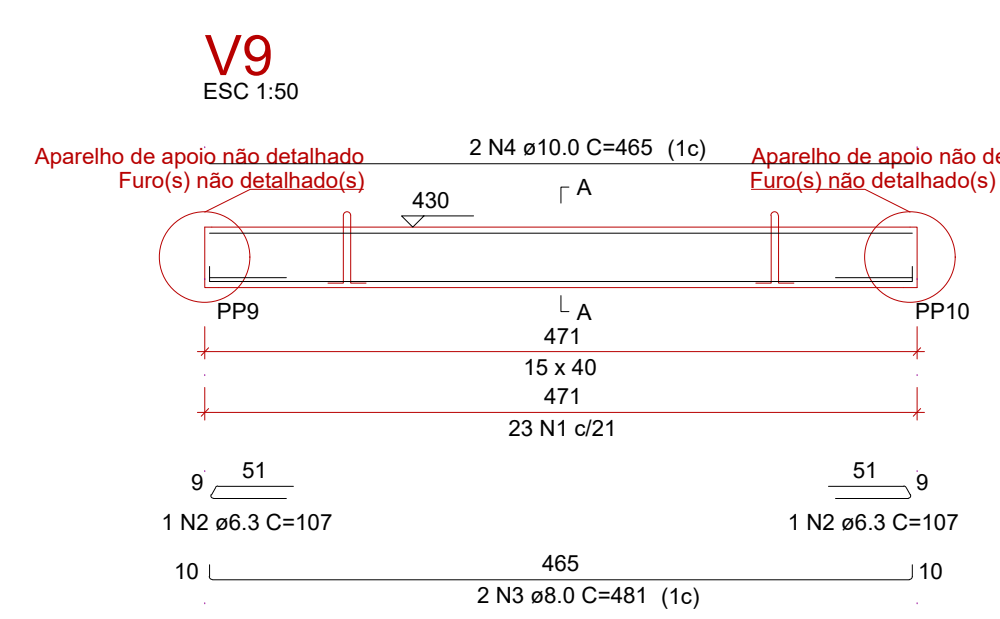
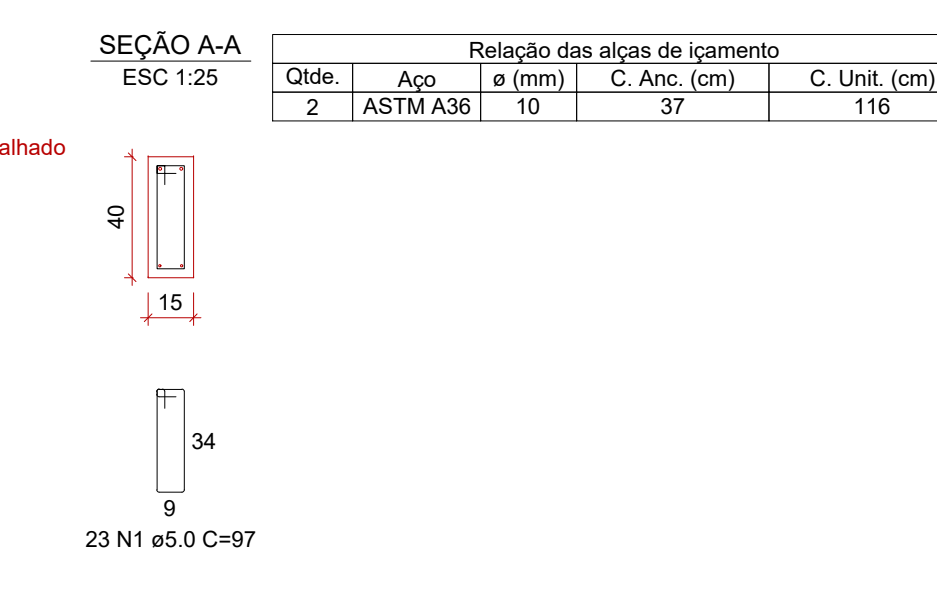
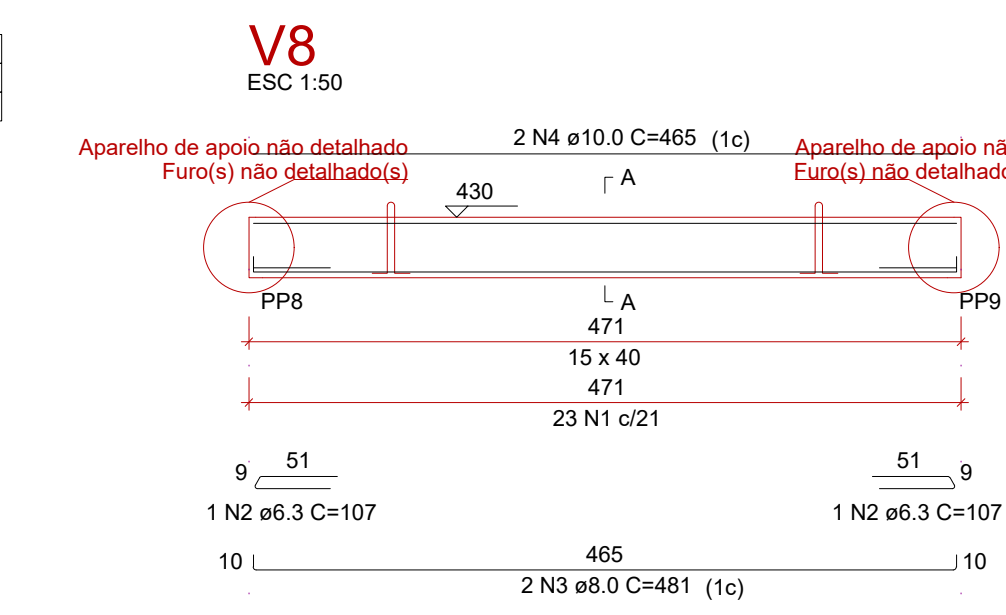
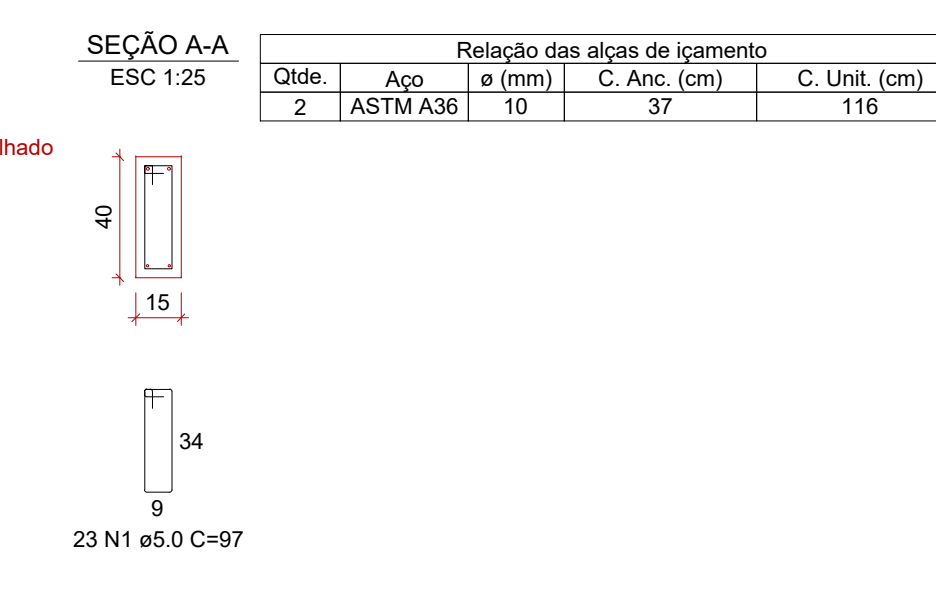
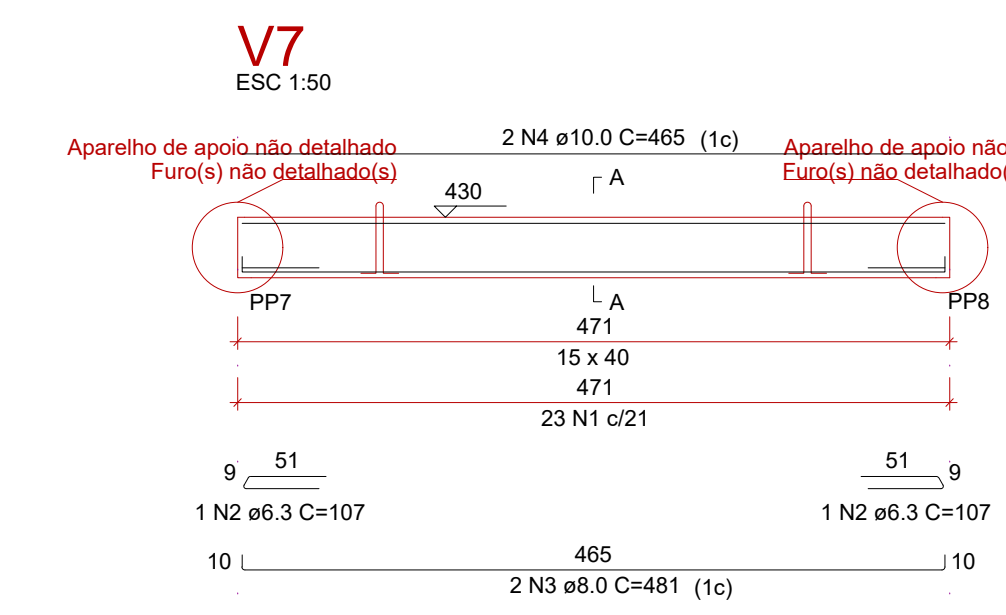
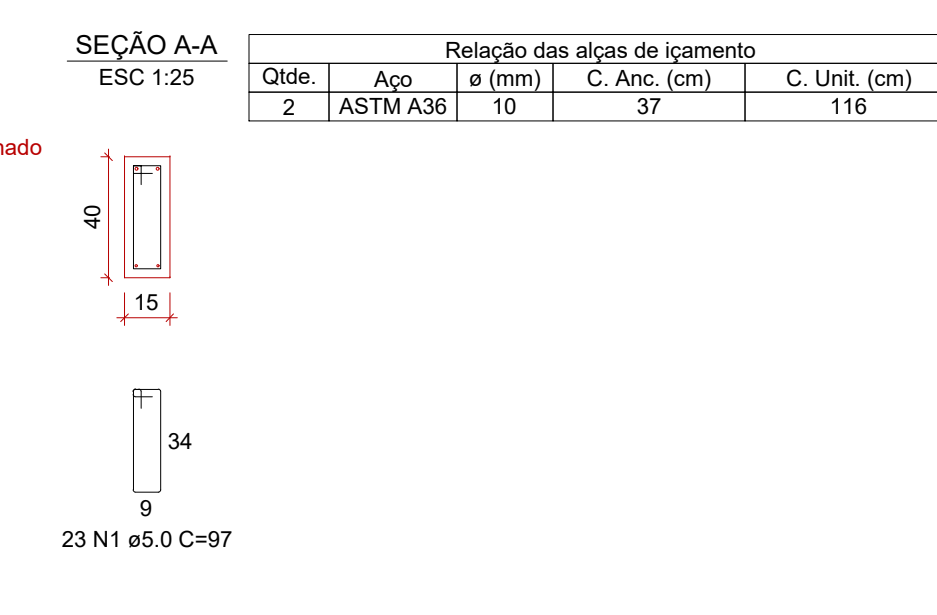
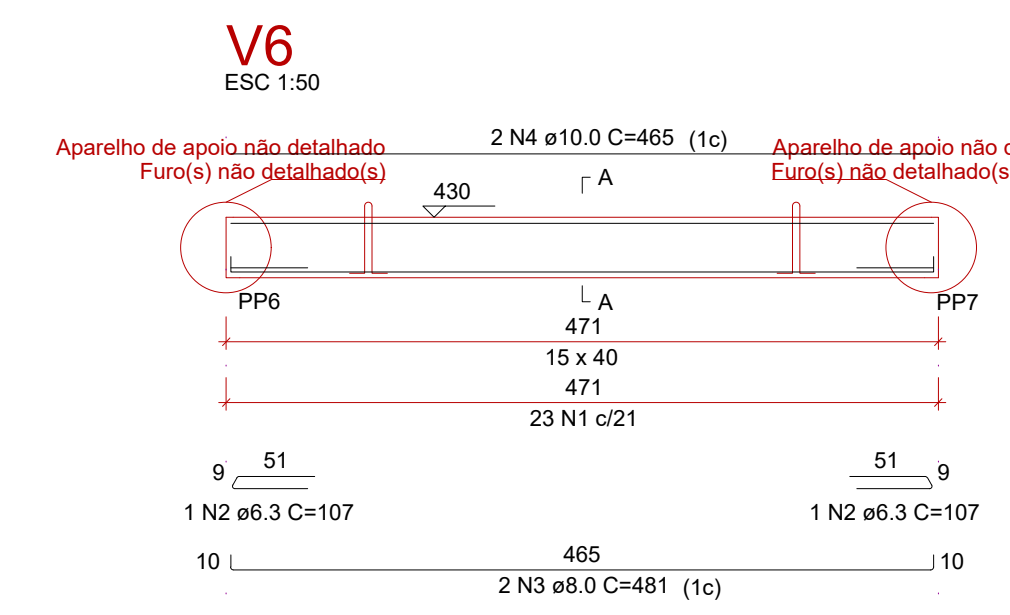
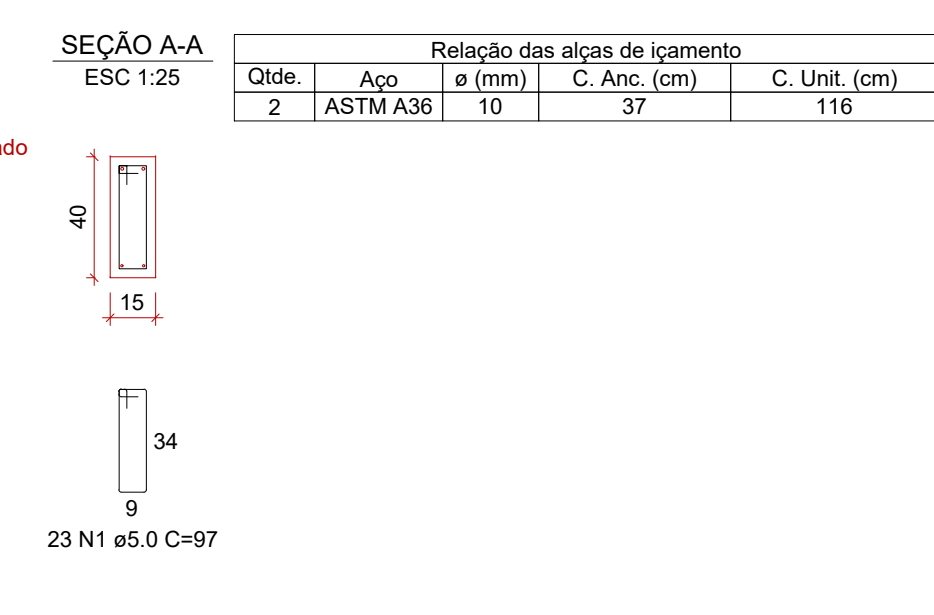
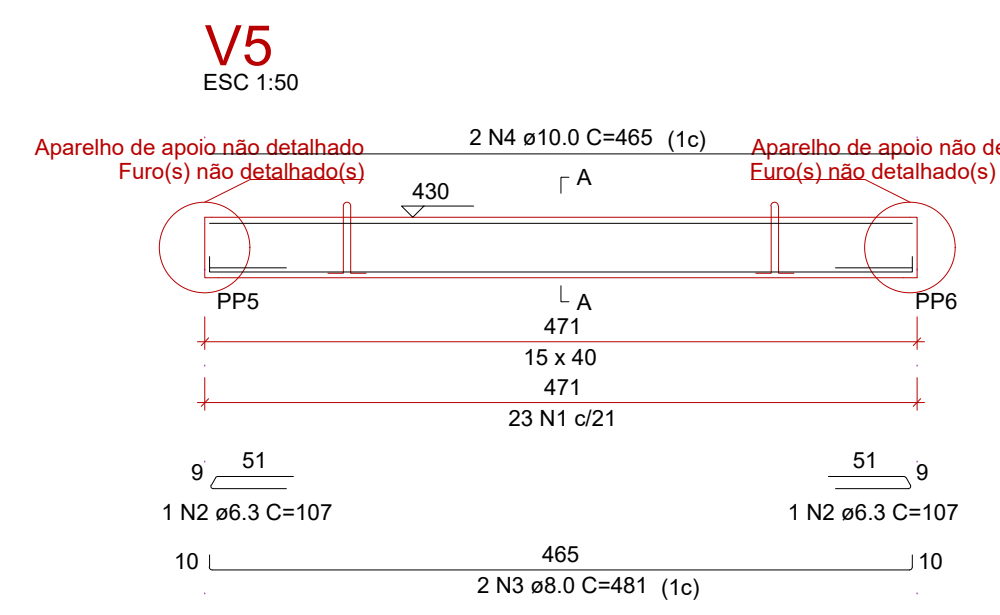
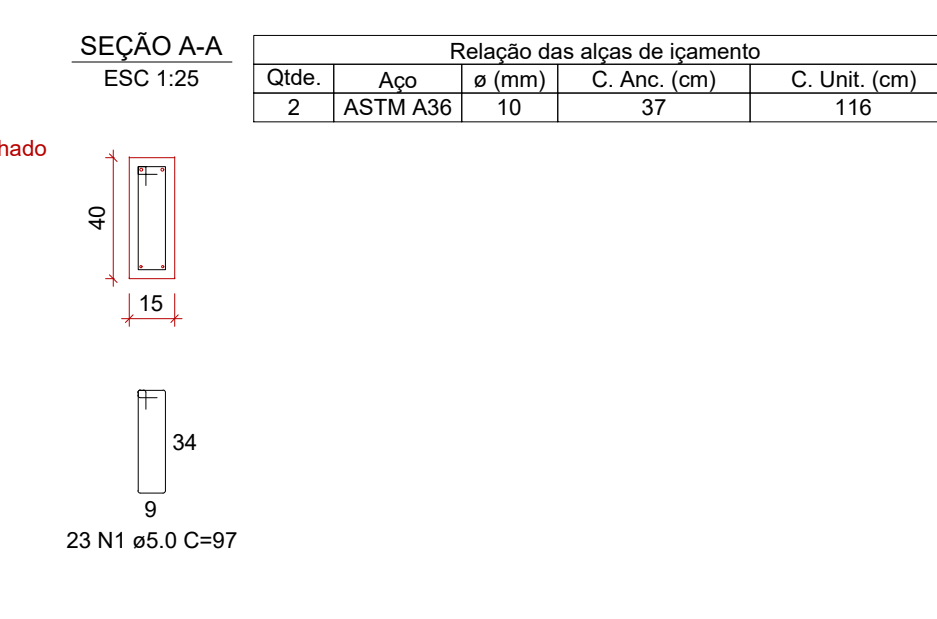
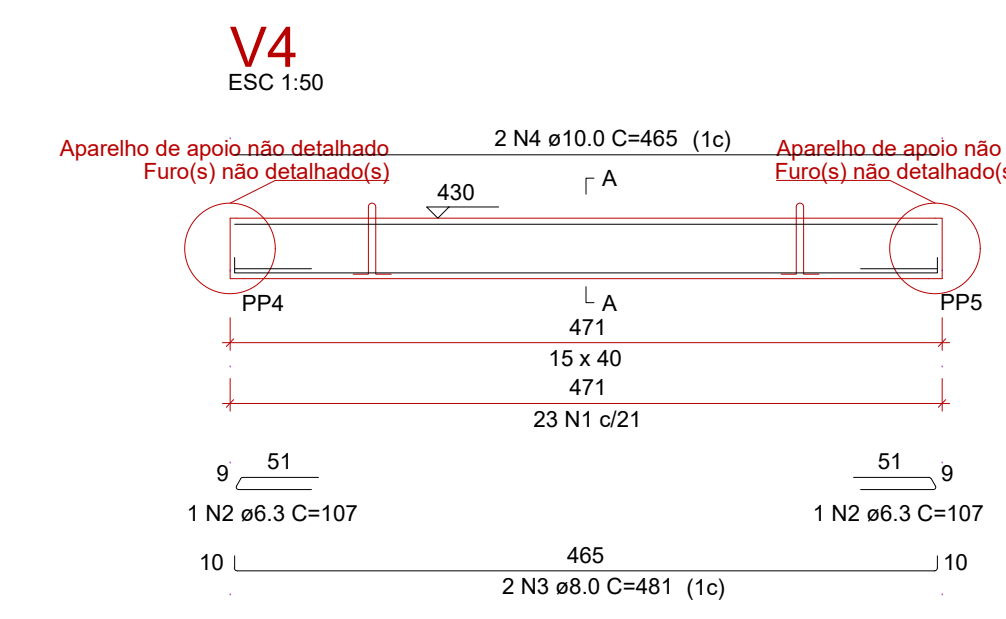
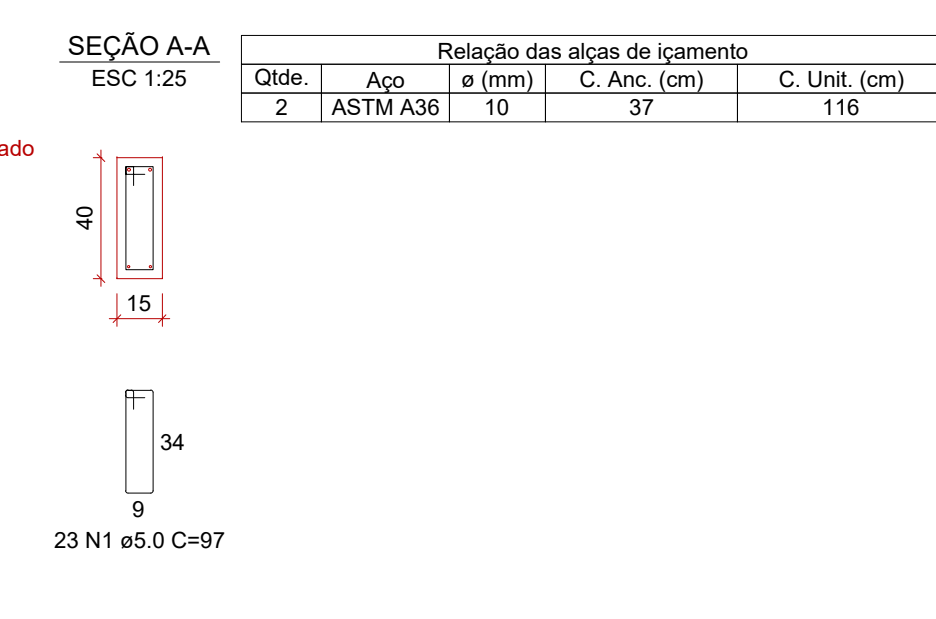
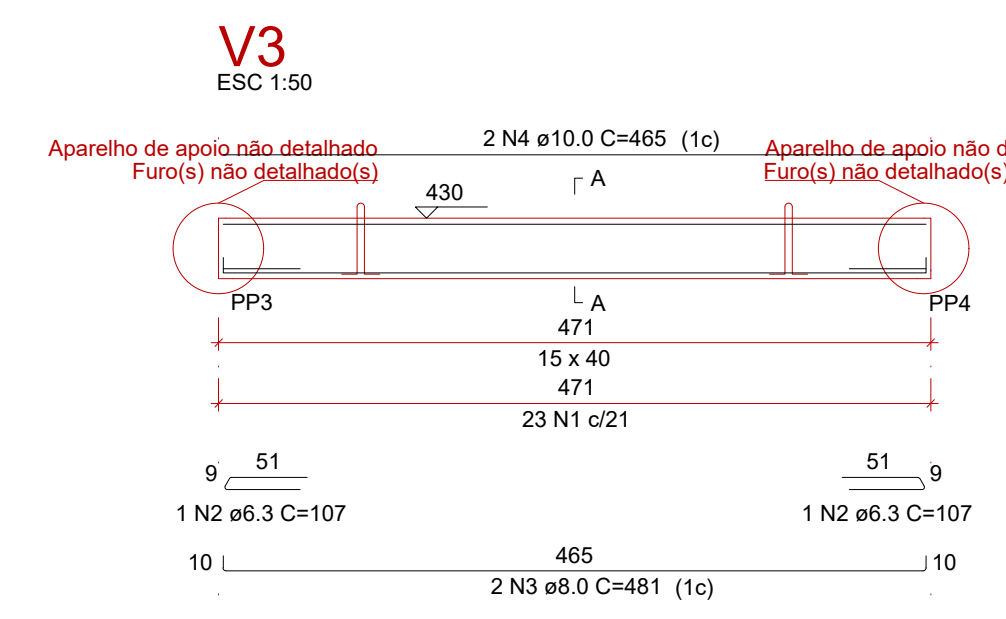
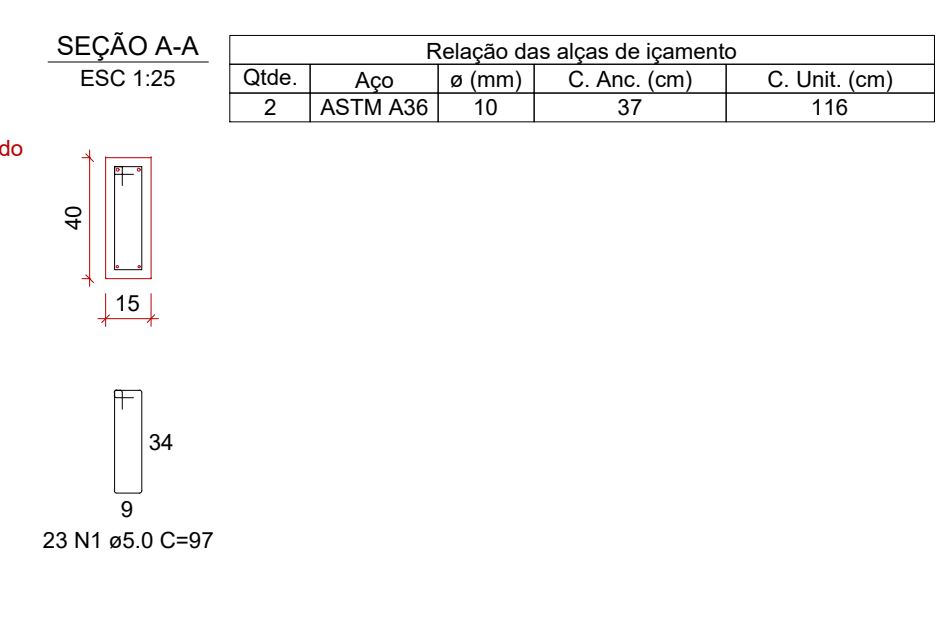
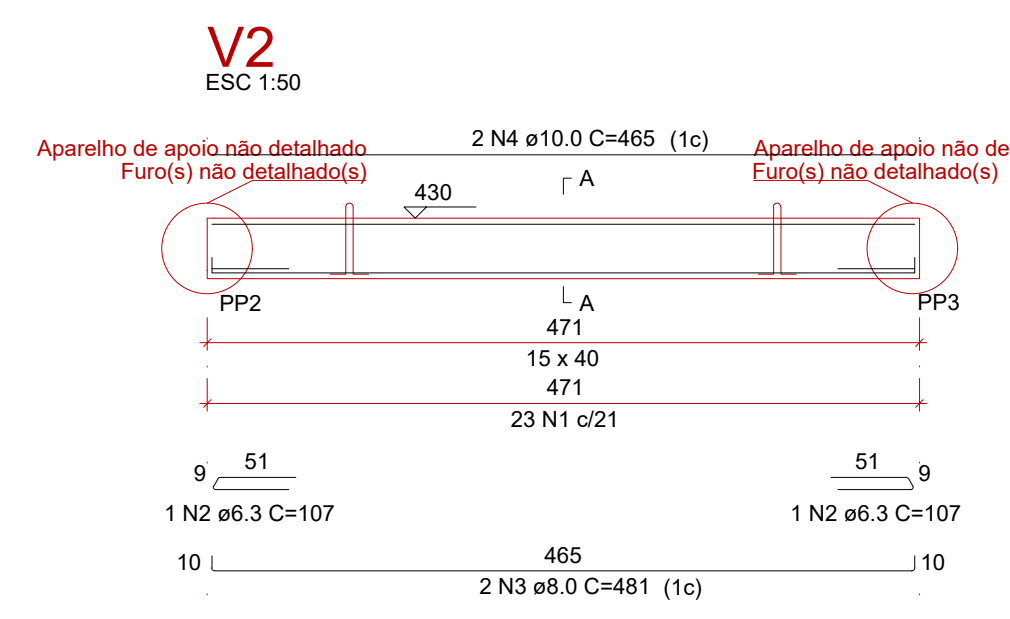
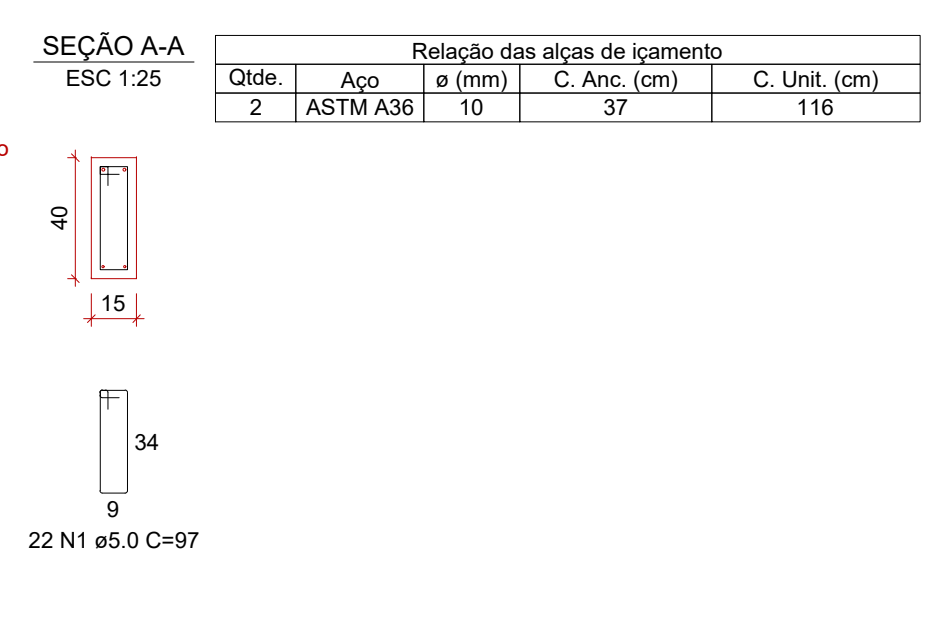
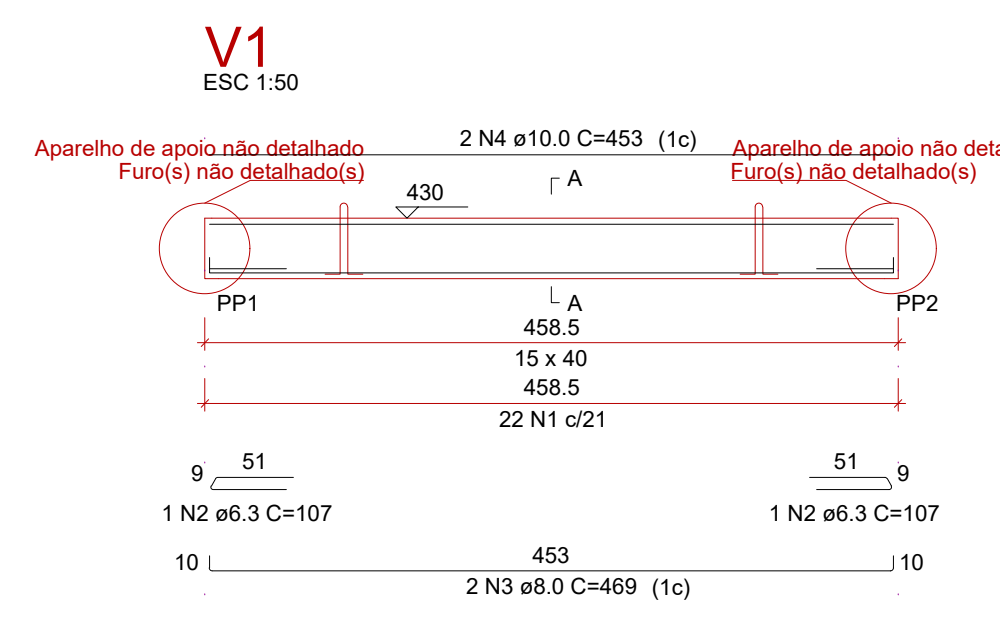


Corte A-A
escala 1:50

PROJETO ESTRUTURAL
BARRACÃO INDUSTRIAL

PROJETO: Rua Maceió	ÁREA: 7.800,00 m ²	VOLUME: 900,00 m ³
PROPRIETÁRIO: 01-A 176 São Lucas	PROJETO: CÉU AZUL - PR	
MUNICÍPIO DE CÉU AZUL CNPJ: 78.288.473/0001-01 LAURINDO SPEROTTO / PREFEITO		GIAN CARLOS BORTOLINI VALLI CREA PR: 163755/0
ÁREA: 900,00m ²	CONTEÚDO: Detalhamento dos pilares pré-moldados	FORMATO: A0
ESCALA: INDICADA	PRANCHAS: 11/12	DATA: AGOSTO /2023

A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.



PROJETO ESTRUTURAL			
BARRACÃO INDUSTRIAL			
PROPRIETÁRIO:	Rua Maceió	ÁREA TOTAL:	7.800,00 m ²
PROJETO:	01-A	VALOR:	900,00 m ²
PROPRIETÁRIO:	176	PROJETO:	CÉU AZUL - PR
MUNICÍPIO DE CÉU AZUL	CNPJ: 78.208.473/0001-01	GIAN CARLOS BORTOLINI VALLI	CREA PR: 163755/0
LAURINDO SPEROTTO / PREFEITO			
ÁREA:	900,00m ²	CONTEÚDO:	Detalhamento das vigas pré-moldadas
ESCALA:	INDICADA	PRANCHA:	AO
DATA:	AGOSTO / 2023		12/12
A APROVAÇÃO DO PRESENTE PROJETO PERANTE A PREFEITURA NÃO RECONHECE A PROPRIEDADE DO IMÓVEL.			