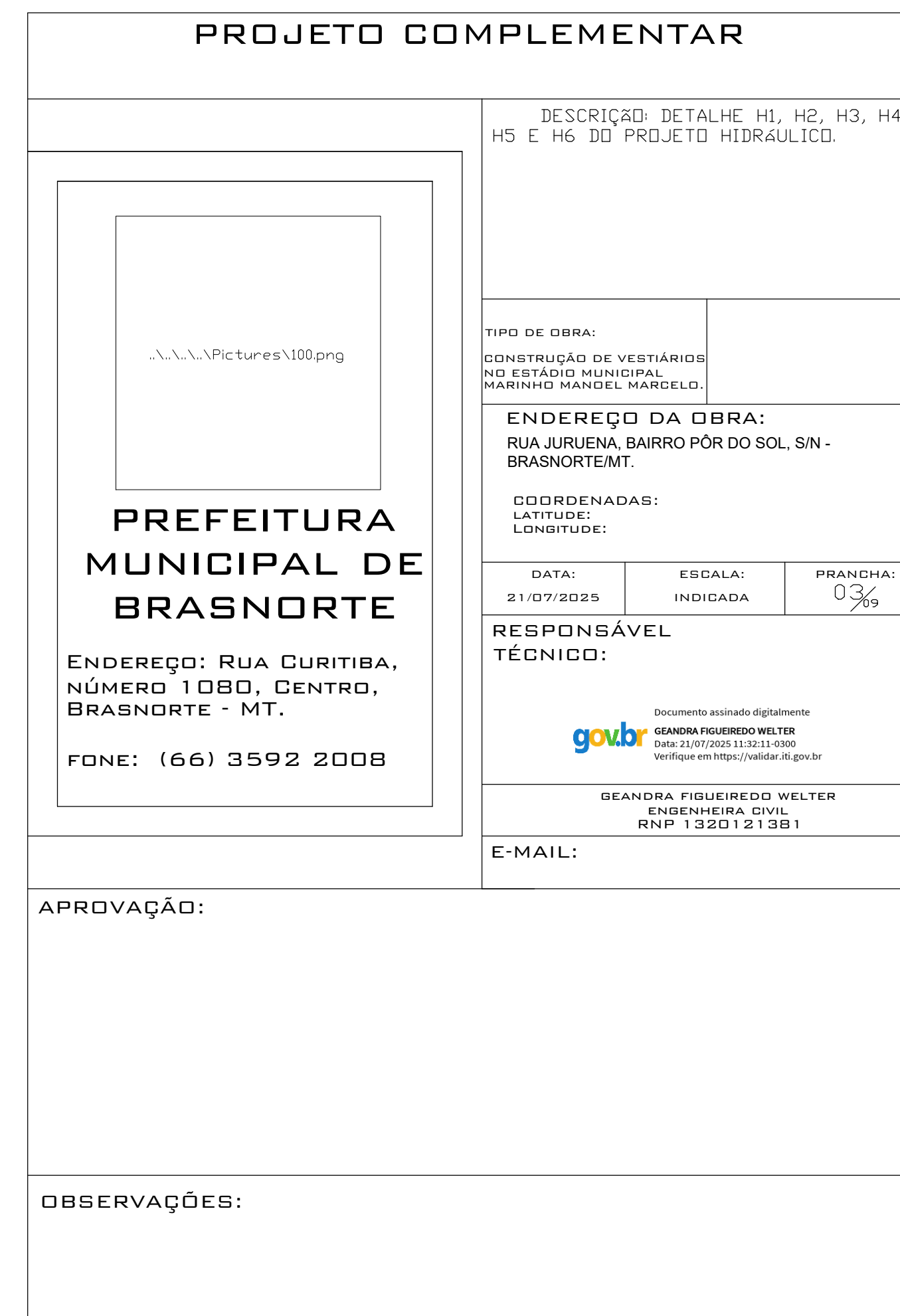
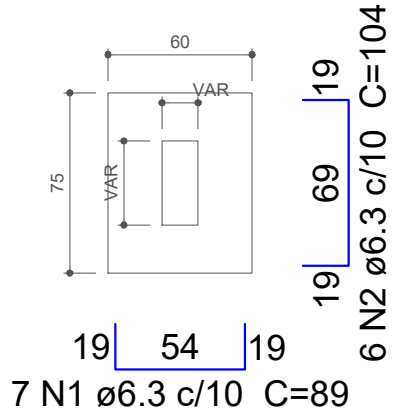




S5=S6=S7=S21=S22
=S23=S25=S26=S27

PLANTA
ESC 1:25

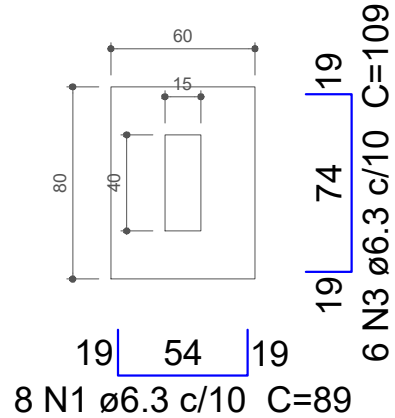
CORTE
ESC 1:25



S2=S3=S4=S24

PLANTA
ESC 1:25

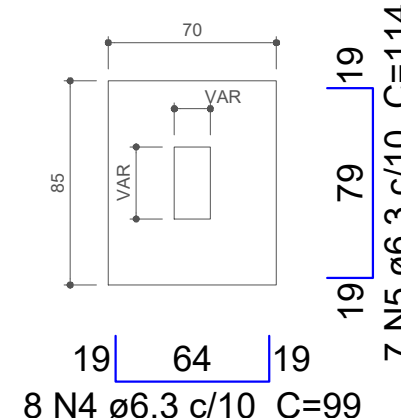
CORTE
ESC 1:25



S1=S8=S9=S10=S12

PLANTA
ESC 1:25

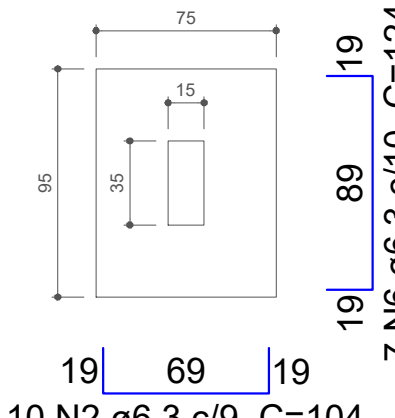
CORTE
ESC 1:25



S14=S15=S17=S20

PLANTA
ESC 1:25

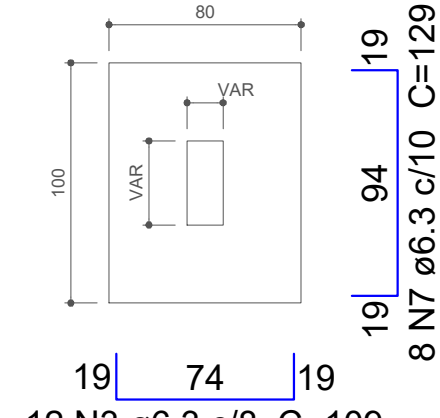
CORTE
ESC 1:25



S11=S13=S16

PLANTA
ESC 1:25

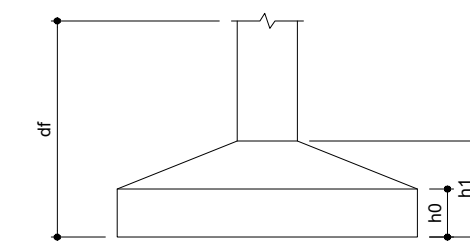
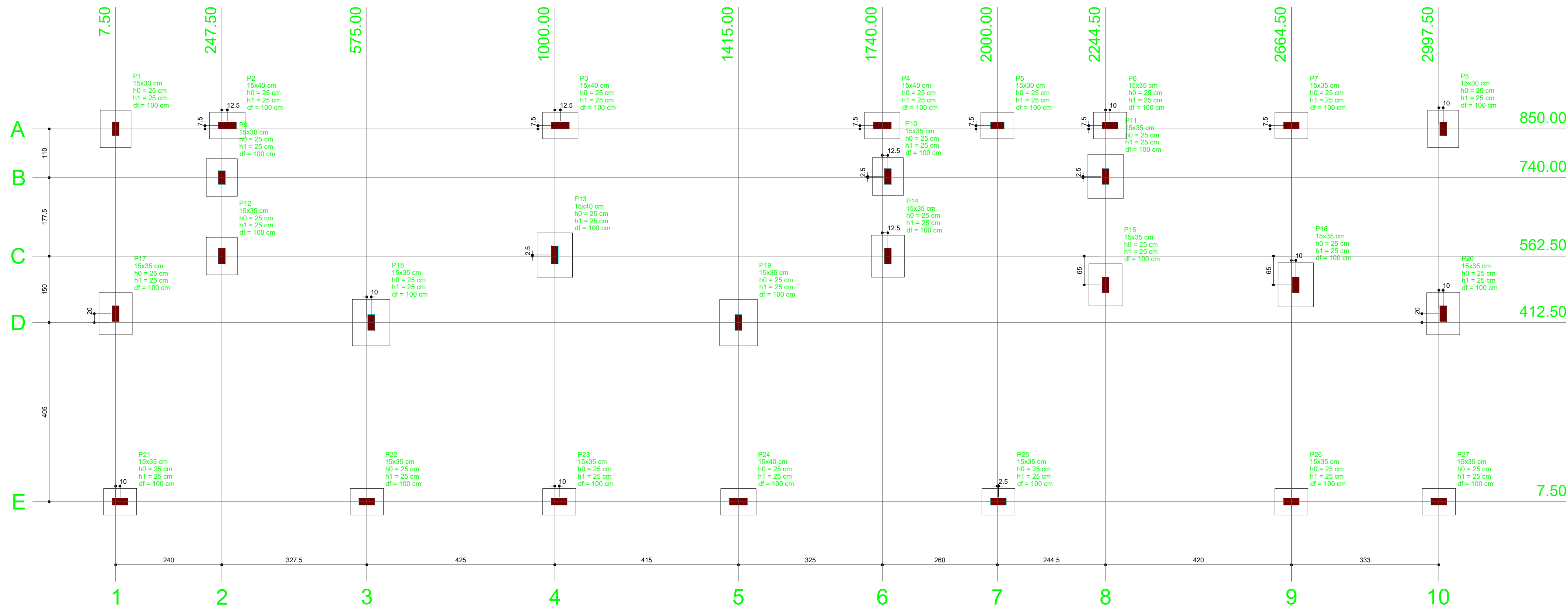
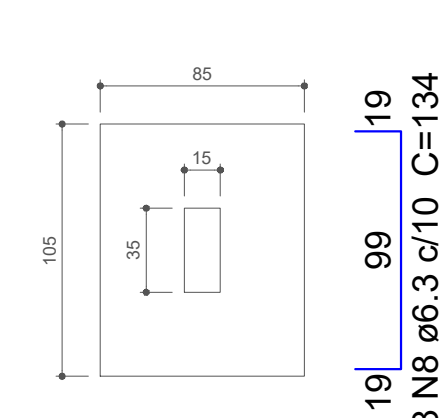
CORTE
ESC 1:25



S18=S19

PLANTA
ESC 1:25

CORTE
ESC 1:25



Relação do aço

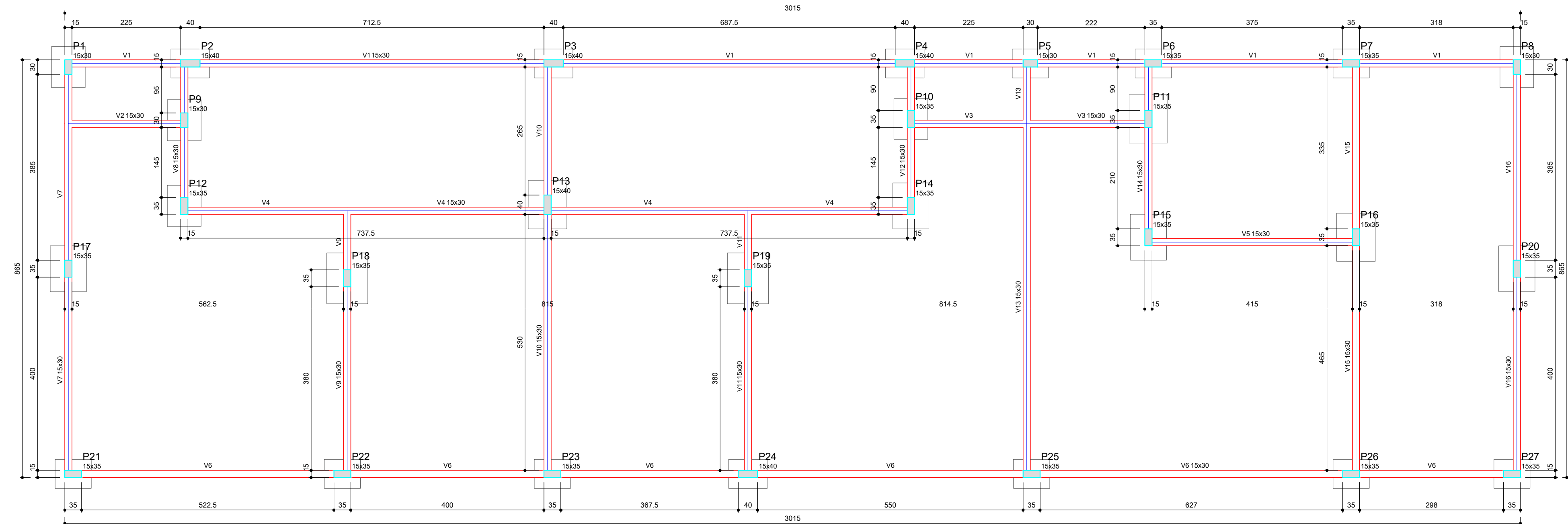
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
4xS3					
4xS17					
5xS8					
2xS18					
3xS16					
9xS25					
CA50	1	6.3	95	89	8455
	2	6.3	94	104	9776
	3	6.3	60	109	6540
	4	6.3	40	99	3960
	5	6.3	61	114	6954
	6	6.3	28	124	3472
	7	6.3	24	129	3096
	8	6.3	16	134	2144

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	444	119.5
PESO TOTAL (kg)			
CA50	119.5		

Volume de concreto (C-20) = 3.99 m³
Área de forma = 20.75 m²

Planta de locação
escala 1:50



Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	15x30	0	0
P2	15x30	0	0
P3	15x30	0	0
P4	15x30	0	0
P5	15x30	0	0
P6	15x30	0	0
P7	15x30	0	0
P8	15x30	0	0
P9	15x30	0	0
P10	15x30	0	0
P11	15x30	0	0
P12	15x30	0	0
P13	15x30	0	0
P14	15x30	0	0
P15	15x30	0	0
P16	15x30	0	0
P17	15x30	0	0
P18	15x30	0	0
P19	15x30	0	0
P20	15x30	0	0
P21	15x30	0	0
P22	15x30	0	0
P23	15x30	0	0
P24	15x30	0	0
P25	15x30	0	0
P26	15x30	0	0
P27	15x30	0	0

Elemento	Id	Elevação (cm)	Nível (cm)
Vigas	300	260716	260716
Pilares	300	260716	260716
Sapatas	200	212874	212874

Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	15 x 30	0	0
P2	15 x 40	0	0
P3	15 x 40	0	0
P4	15 x 40	0	0
P5	15 x 30	0	0
P6	15 x 35	0	0
P7	15 x 35	0	0
P8	15 x 30	0	0
P9	15 x 30	0	0
P10	15 x 30	0	0
P11	15 x 35	0	0
P12	15 x 35	0	0
P13	15 x 40	0	0
P14	15 x 35	0	0
P15	15 x 35	0	0
P16	15 x 35	0	0
P17	15 x 35	0	0
P18	15 x 35	0	0
P19	15 x 35	0	0
P20	15 x 35	0	0
P21	15 x 35	0	0
P22	15 x 35	0	0
P23	15 x 35	0	0
P24	15 x 40	0	0
P25	15 x 35	0	0
P26	15 x 35	0	0
P27	15 x 35	0	0

Legenda dos Pilares
Pilar que morre
Pilar que passa
Pilar que nasce

Forma do pavimento FUNDAÇÃO
escala 1:50

PROJETO COMPLEMENTAR

PREFEITURA
MUNICIPAL DE
BRASNORTE
ENDEREÇO: RUA CURITIBA,
NÚMERO 1080, CENTRO,
BRASNORTE - MT.
FONE: (66) 3592 2008

DESCRIÇÃO: PLANTA DE LOCAÇÃO,
DA BALDRAME, E
TEDALHAMENTO SAPATAS.

TIPO DE OBRA:
CONSTRUÇÃO DE VESTIÁRIOS
NO ESTÁDIO MUNICIPAL
MARINHO MANOEL MARCELO.

ENDEREÇO DA OBRA:
RUA JURUENA, BAIRRO PÔR DO SOL, S/N -
BRASNORTE/MT.

COORDENADAS:
LATITUDE:
LONGITUDE:

DATA: 21/07/2025
ESCALA: INDICADA
PRANCHA: 04/09

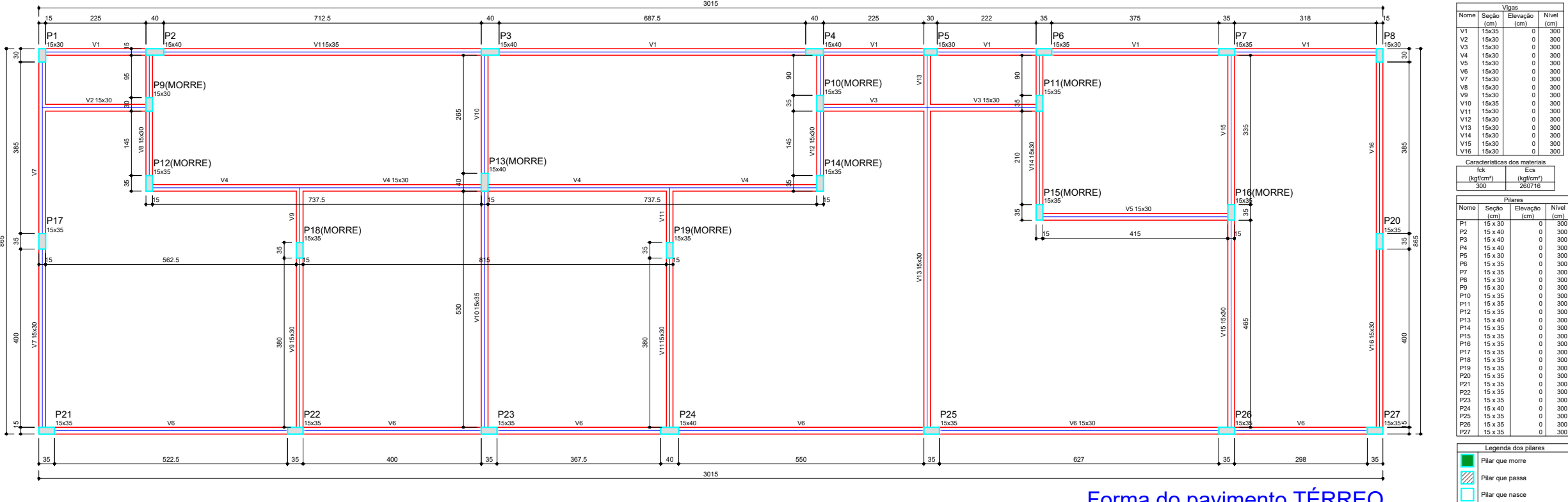
RESPONSÁVEL
TÉCNICO:

GEANDRA FIGUEIREDO WELTER
ENGENHEIRA CIVIL
RNP 1.320.121.381

E-MAIL:

APROVAÇÃO:

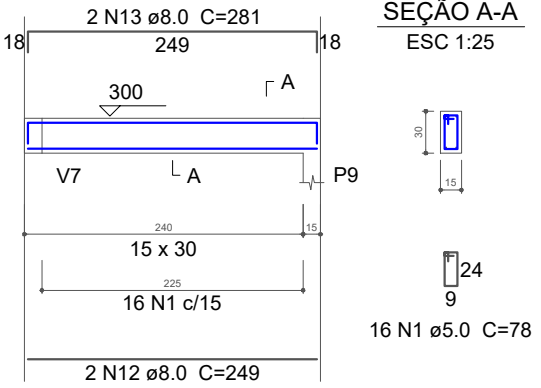
OBSERVAÇÕES:



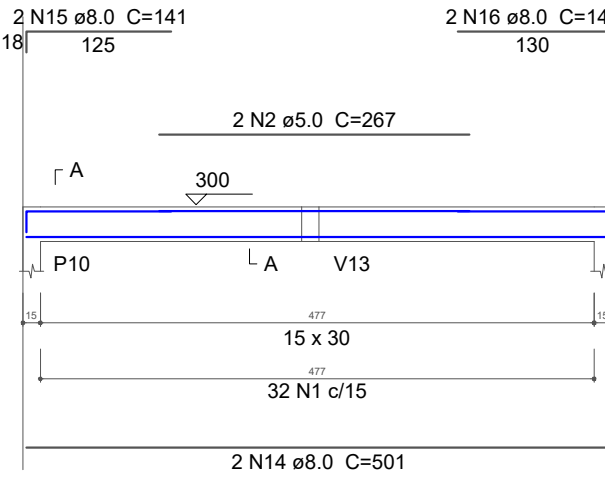
Forma do pavimento TÉRREO
escala 1:50

Item	Quantidade	Unidade	Valor
1	1	m³	1.180,6
2	1	m³	1.180,6
3	1	m³	1.180,6
4	1	m³	1.180,6
5	1	m³	1.180,6
6	1	m³	1.180,6
7	1	m³	1.180,6
8	1	m³	1.180,6
9	1	m³	1.180,6
10	1	m³	1.180,6
11	1	m³	1.180,6
12	1	m³	1.180,6
13	1	m³	1.180,6
14	1	m³	1.180,6
15	1	m³	1.180,6
16	1	m³	1.180,6
17	1	m³	1.180,6
18	1	m³	1.180,6
19	1	m³	1.180,6
20	1	m³	1.180,6
21	1	m³	1.180,6
22	1	m³	1.180,6
23	1	m³	1.180,6
24	1	m³	1.180,6
25	1	m³	1.180,6
26	1	m³	1.180,6
27	1	m³	1.180,6
28	1	m³	1.180,6
29	1	m³	1.180,6
30	1	m³	1.180,6
31	1	m³	1.180,6
32	1	m³	1.180,6
33	1	m³	1.180,6
34	1	m³	1.180,6
35	1	m³	1.180,6
36	1	m³	1.180,6
37	1	m³	1.180,6
38	1	m³	1.180,6
39	1	m³	1.180,6
40	1	m³	1.180,6
41	1	m³	1.180,6
42	1	m³	1.180,6
43	1	m³	1.180,6
44	1	m³	1.180,6
45	1	m³	1.180,6
46	1	m³	1.180,6
47	1	m³	1.180,6
48	1	m³	1.180,6
49	1	m³	1.180,6
50	1	m³	1.180,6

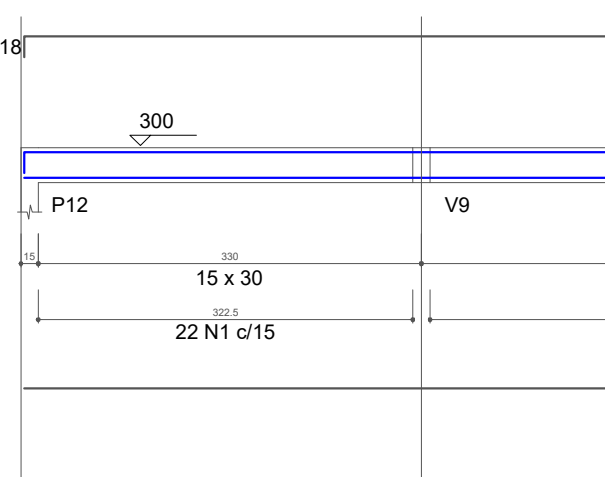
V2
ESC 1:30



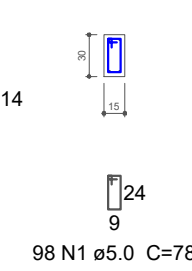
V3
ESC 1:30



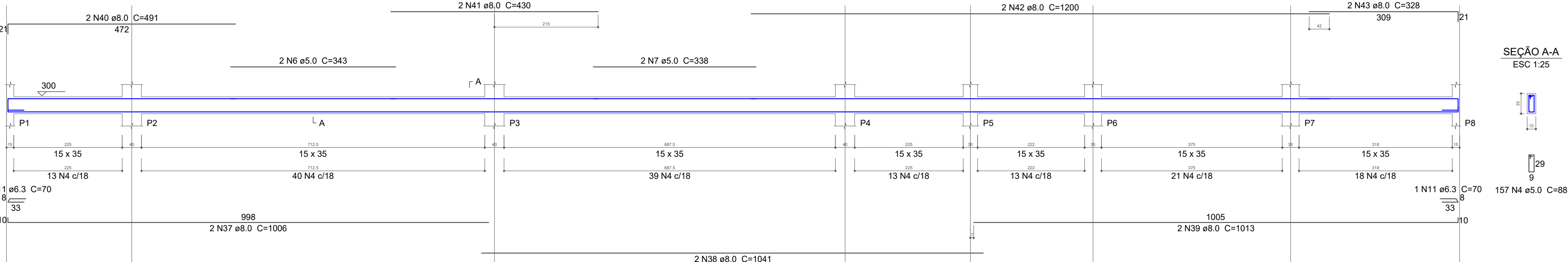
V4
ESC 1:30



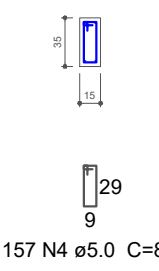
SEÇÃO A-A
ESC 1:25



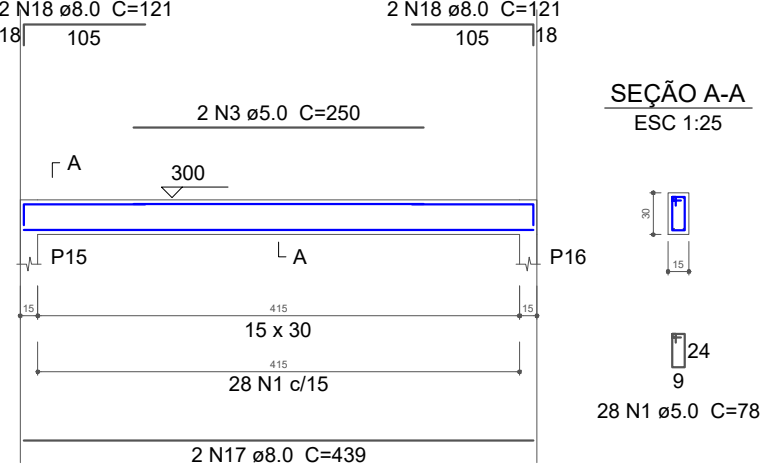
V1
ESC 1:30



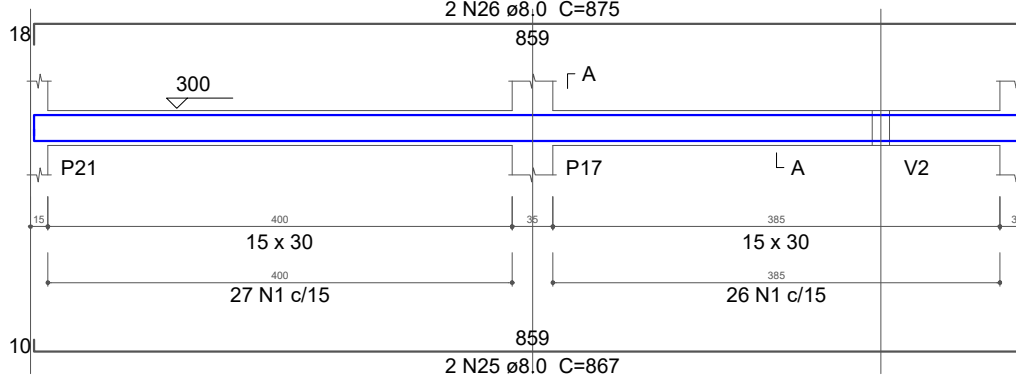
SEÇÃO A-A
ESC 1:25



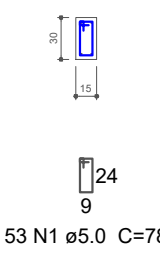
V5
ESC 1:30



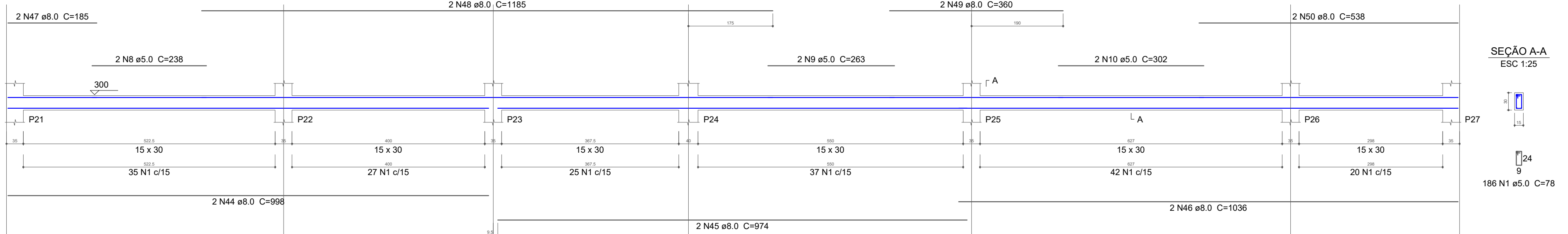
V7
ESC 1:30



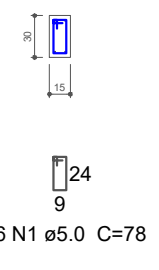
SEÇÃO A-A
ESC 1:25



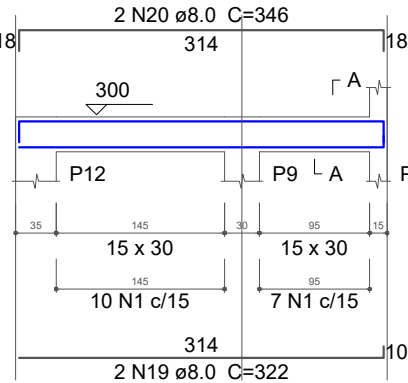
V6
ESC 1:30



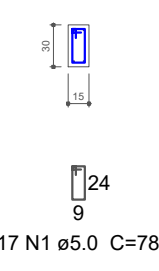
SEÇÃO A-A
ESC 1:25



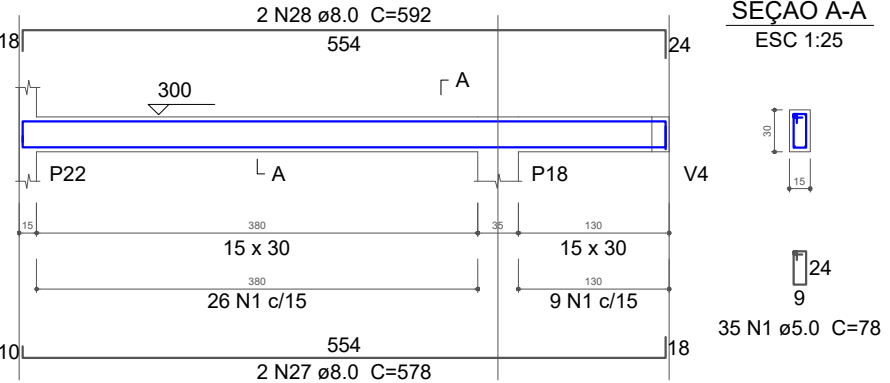
V8
ESC 1:30



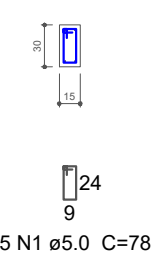
SEÇÃO A-A
ESC 1:25



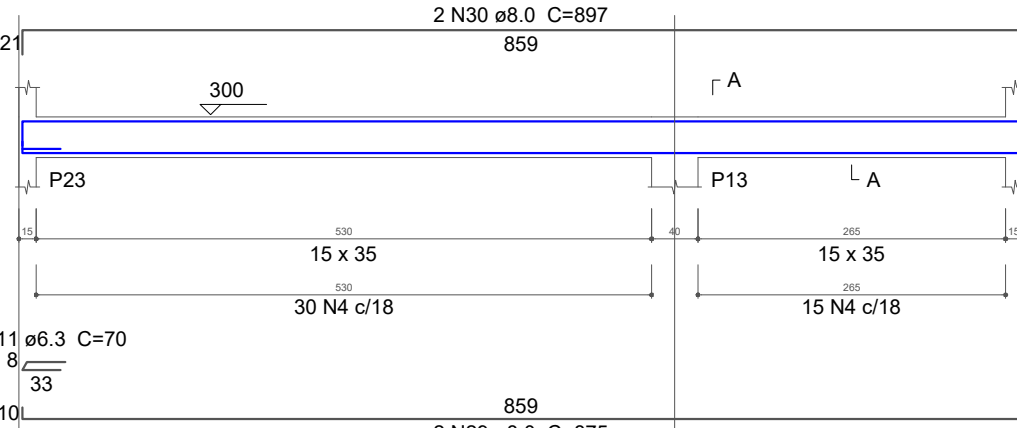
V9
ESC 1:30



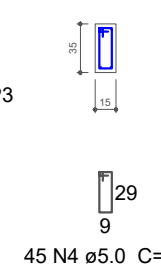
SEÇÃO A-A
ESC 1:25



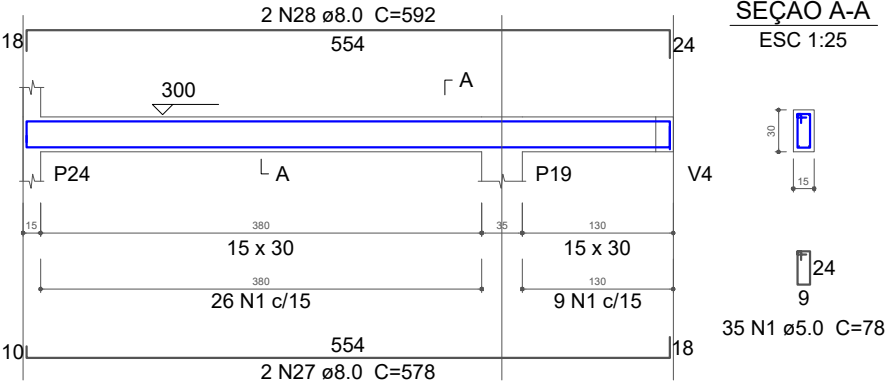
V10
ESC 1:30



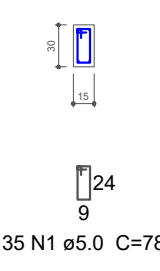
SEÇÃO A-A
ESC 1:25



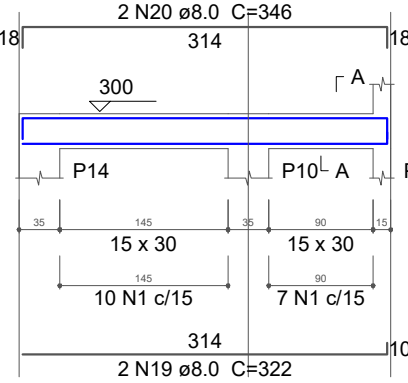
V11
ESC 1:30



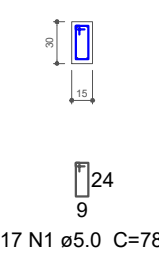
SEÇÃO A-A
ESC 1:25



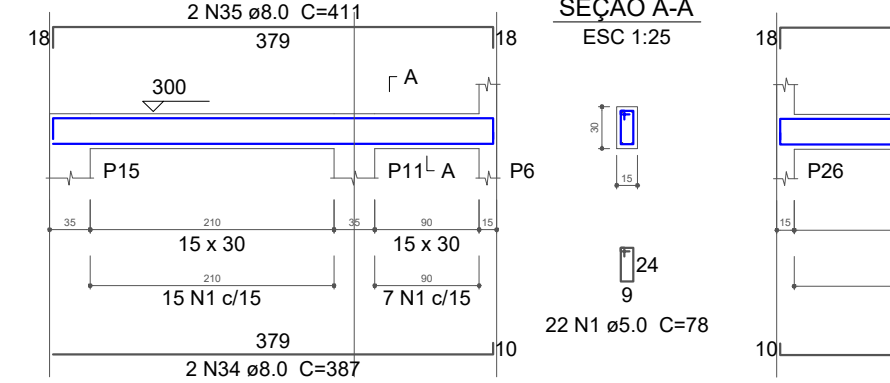
V12
ESC 1:30



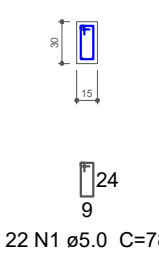
SEÇÃO A-A
ESC 1:25



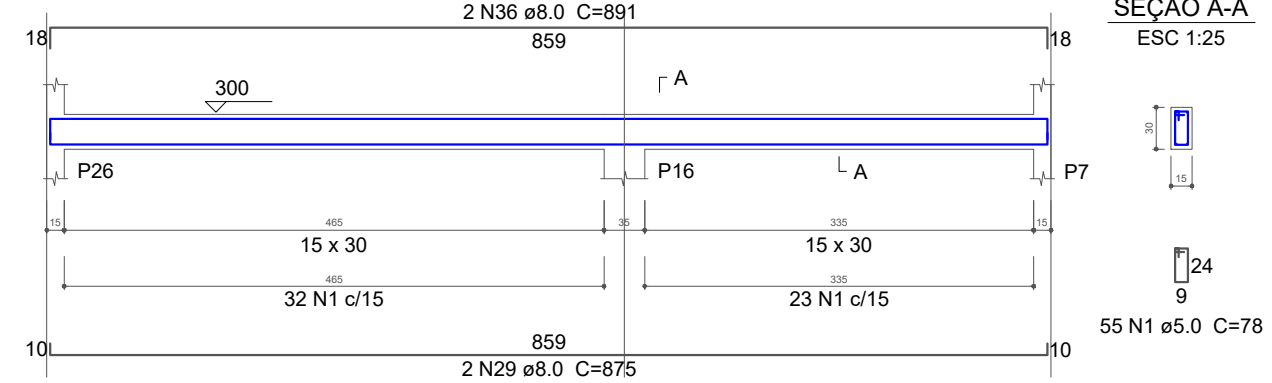
V14
ESC 1:30



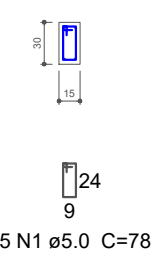
SEÇÃO A-A
ESC 1:25



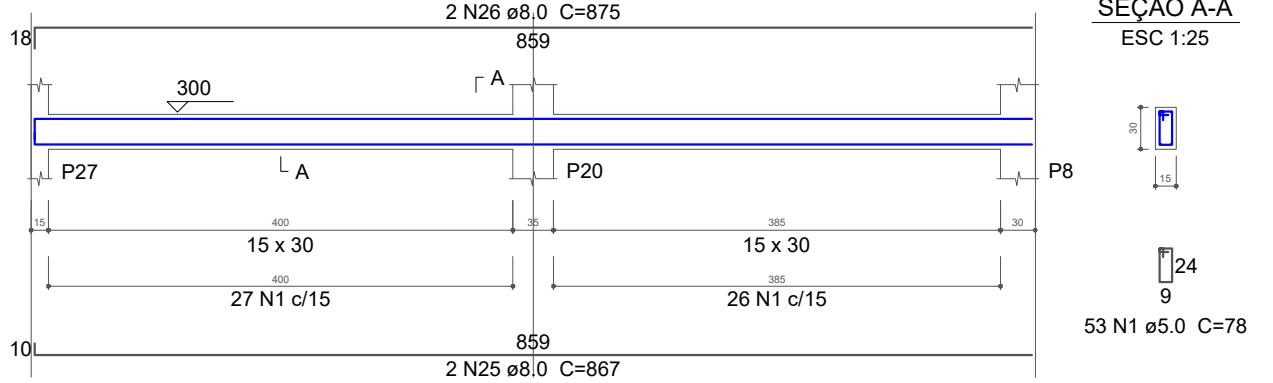
V15
ESC 1:30



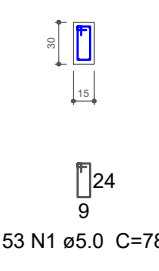
SEÇÃO A-A
ESC 1:25



V16
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	703	78	54834
	2	5.0	2	267	534
	3	5.0	2	250	600
	4	5.0	202	88	17776
	5	5.0	2	405	810
	6	5.0	2	343	686
	7	5.0	2	338	676
	8	5.0	2	238	476
	9	5.0	2	263	526
	10	5.0	2	302	604
	11	6.3	2	70	210
	12	8.0	2	249	498
	13	8.0	2	281	562
	14	8.0	2	501	1002
	15	8.0	2	141	282
	16	8.0	2	146	292
	17	8.0	2	439	878
	18	8.0	4	121	484
	19	8.0	4	322	1288
	20	8.0	4	346	1384
	21	8.0	2	1199	2398
	22	8.0	2	369	738
	23	8.0	2	1198	2396
	24	8.0	2	384	768
	25	8.0	4	867	3468
	26	8.0	4	875	3500
	27	8.0	4	578	2312
	28	8.0	4	592	2368
	29	8.0	4	875	3500
	30	8.0	2	897	1794
	31	8.0	2	859	1718
	32	8.0	2	245	490
	33	8.0	2	268	536
	34	8.0	2	387	774
	35	8.0	2	411	822
	36	8.0	2	891	1782
	37	8.0	2	1006	2012
	38	8.0	2	1041	2082
	39	8.0	2	1013	2026
	40	8.0	2	491	982
	41	8.0	2	430	860
	42	8.0	2	1200	2400
	43	8.0	2	328	656
	44	8.0	2	998	1996
	45	8.0	2	974	1948
	46	8.0	2	1036	2072
	47	8.0	2	185	370
	48	8.0	2	1185	2370
	49	8.0	2	360	720
	50	8.0	2	538	1076

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	2.1	0.6
CA60	8.0	576.1	250
CA60	5.0	774.3	131.3
PESO TOTAL (kg)			
CA50	250.6		
CA60	131.3		

Volume de concreto (C-30) = 7.14 m³
Área de forma = 118.08 m²

PROJETO COMPLEMENTAR

PREFEITURA MUNICIPAL DE BRASNORE

ENDEREÇO: RUA CURITIBA, NÚMERO 1080, CENTRO, BRASNORE - MT.
FONE: (66) 3592 2008

DESCRIÇÃO: FORMA DO PAVIMENTO TÉRREO E DETALHAMENTO DE VIGAS DO TÉRREO.

TIPO DE OBRA:
CONSTRUÇÃO DE VESTIÁRIOS NO ESTÁDIO MUNICIPAL MARINHO MANDU, MARDELO.

ENDEREÇO DA OBRA:
RUA JURUENA, BAIRRO PÔR DO SOL, SN - BRASNORE/MT.

COORDENADAS:
LATITUDE:
LONGITUDE:

DATA: 21/07/2025
ESCALA: INDICADA
PRANCHAS: 05/99

RESPONSÁVEL TÉCNICO:
Documento assinado digitalmente
GEANDRA FIGUEIREDO WELTER
Data: 21/07/2025 11:32:11-0300
Verifique em https://validar.jf.gov.br

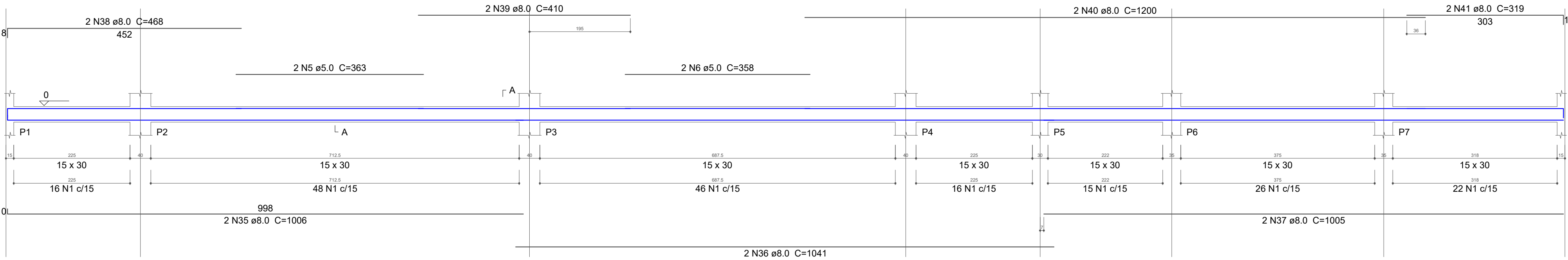
GEANDRA FIGUEIREDO WELTER
ENGENHEIRA CIVIL
RNP: 1.326.01.21.138.1

E-MAIL:

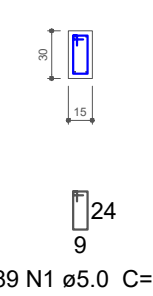
APROVAÇÃO:

OBSERVAÇÕES:

V1
ESC 1:30

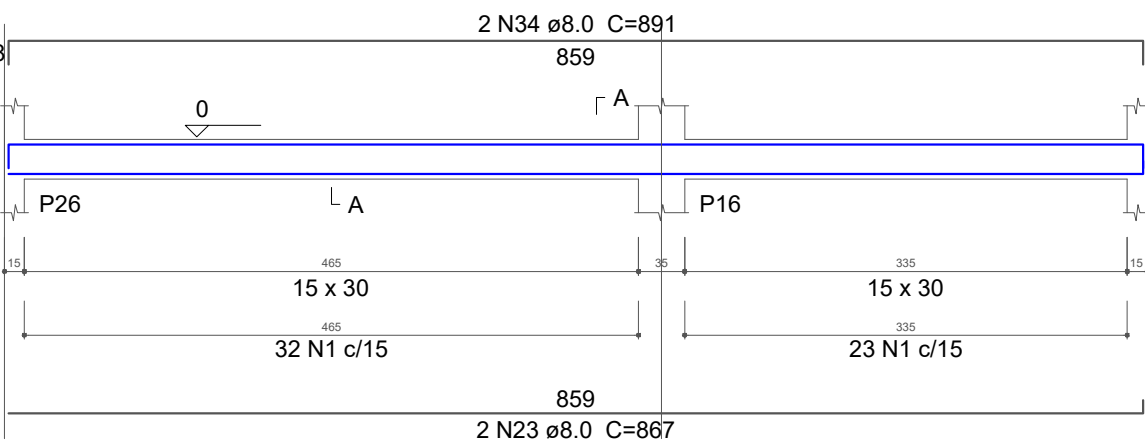


SEÇÃO A-A
ESC 1:25

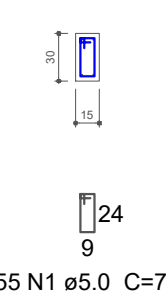


189 N1 ø5.0 C=78

V15
ESC 1:30

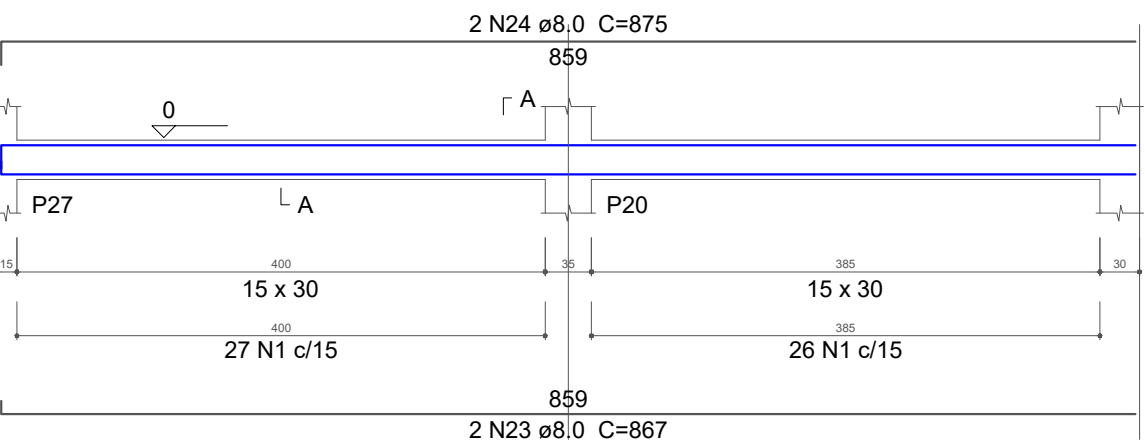


SEÇÃO A-A
ESC 1:25

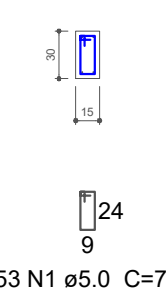


55 N1 ø5.0 C=78

V16
ESC 1:30

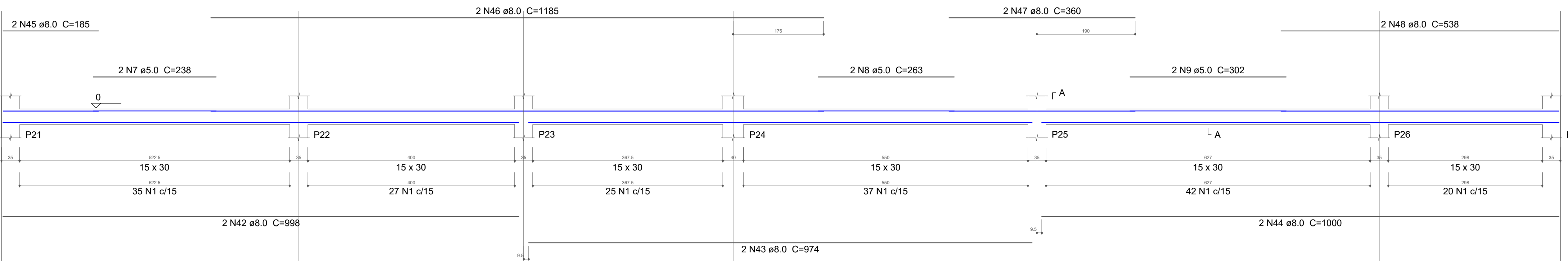


SEÇÃO A-A
ESC 1:25

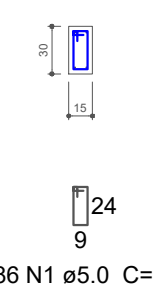


53 N1 ø5.0 C=78

V6
ESC 1:30

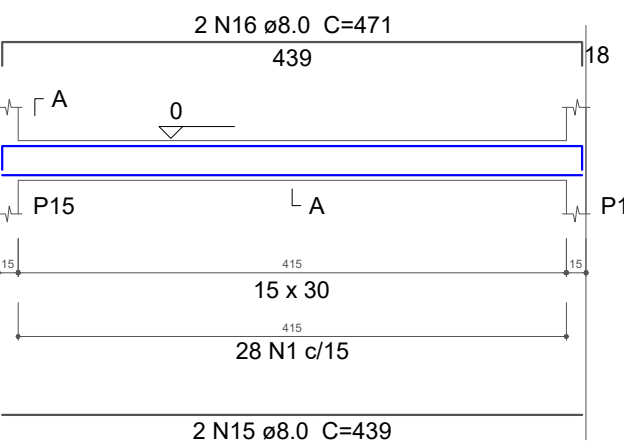


SEÇÃO A-A
ESC 1:25

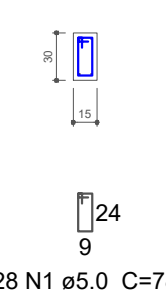


186 N1 ø5.0 C=78

V5
ESC 1:30

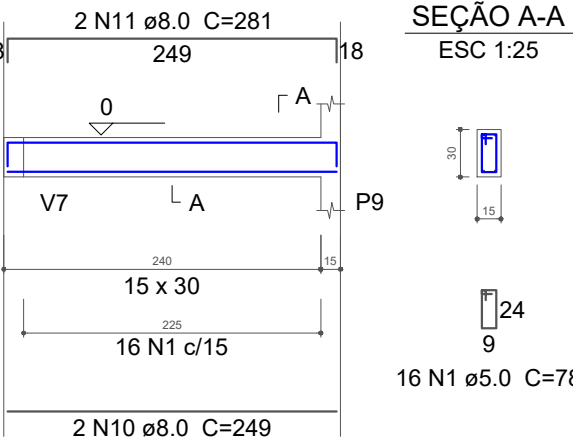


SEÇÃO A-A
ESC 1:25

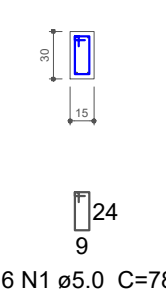


28 N1 ø5.0 C=78

V2
ESC 1:30

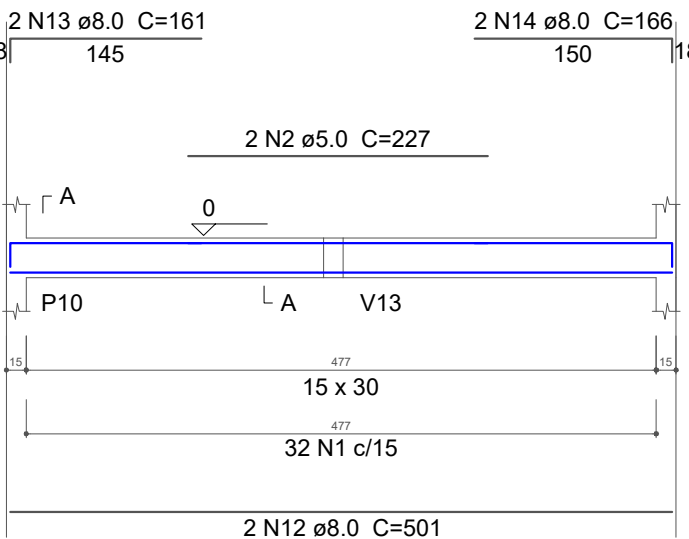


SEÇÃO A-A
ESC 1:25

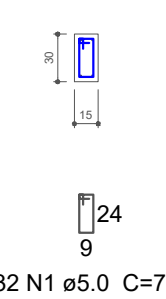


16 N1 ø5.0 C=78

V3
ESC 1:30

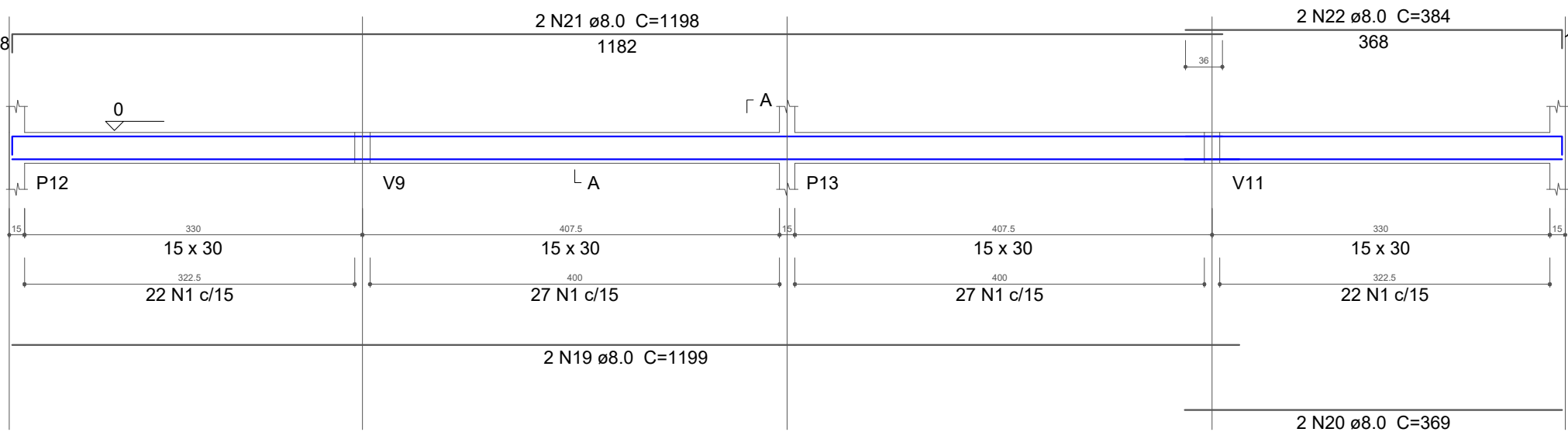


SEÇÃO A-A
ESC 1:25

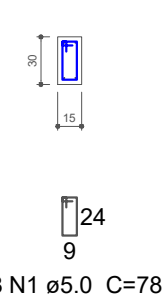


32 N1 ø5.0 C=78

V4
ESC 1:30



SEÇÃO A-A
ESC 1:25



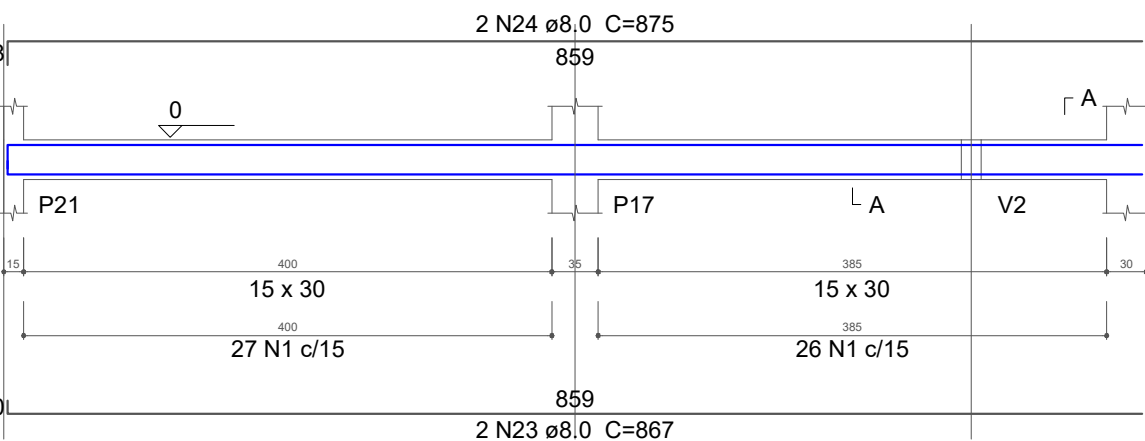
98 N1 ø5.0 C=78

Resumo do aço

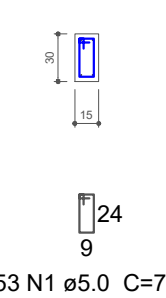
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	573.7	249
CA60	5.0	785.9	133.2
PESO TOTAL (kg)			
CA50		249	
CA60		133.2	

Volume de concreto (C-30) = 6.85 m³
Área de forma = 114.2 m²

V7
ESC 1:30

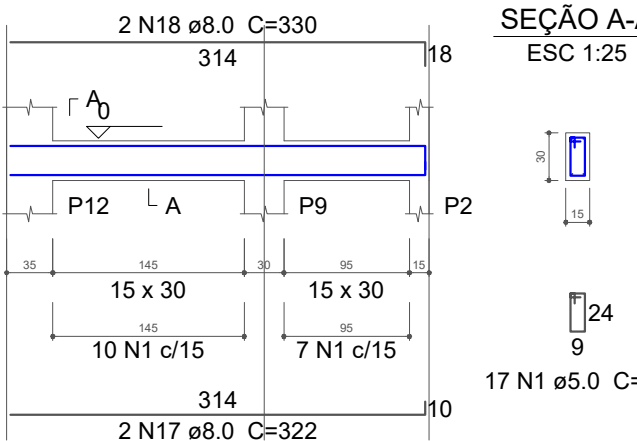


SEÇÃO A-A
ESC 1:25

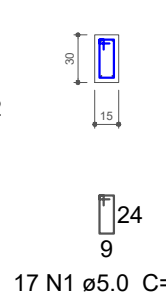


53 N1 ø5.0 C=78

V8
ESC 1:30

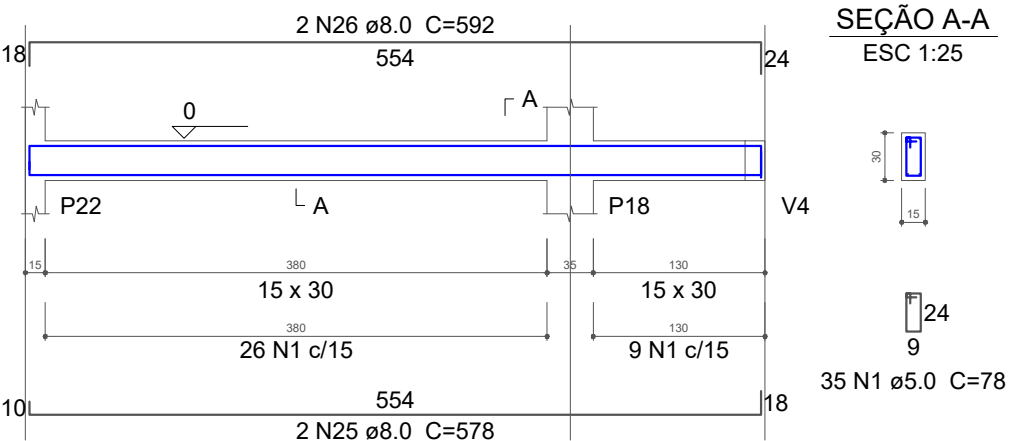


SEÇÃO A-A
ESC 1:25

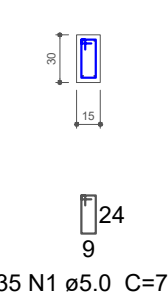


17 N1 ø5.0 C=78

V9
ESC 1:30

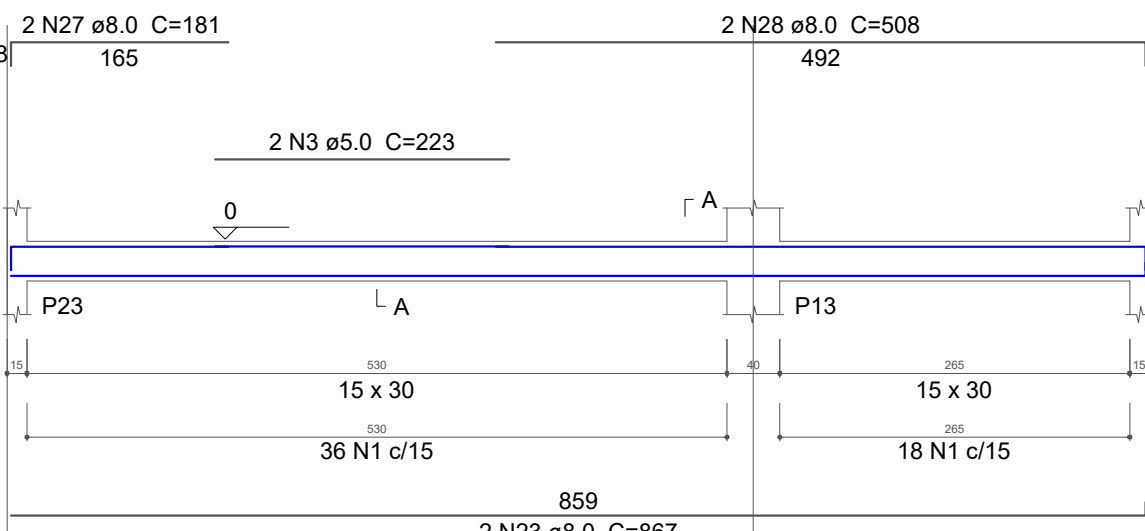


SEÇÃO A-A
ESC 1:25

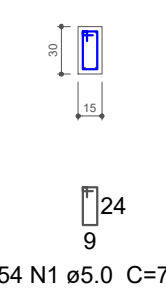


35 N1 ø5.0 C=78

V10
ESC 1:30

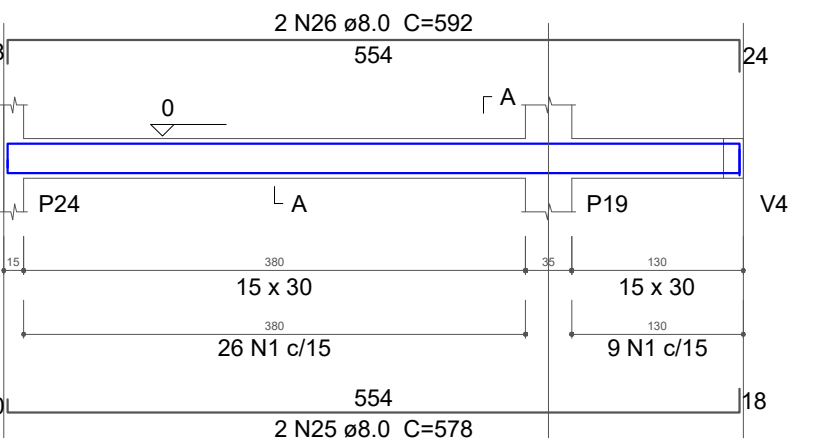


SEÇÃO A-A
ESC 1:25

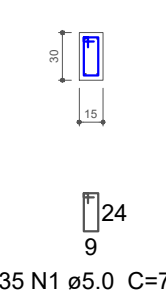


54 N1 ø5.0 C=78

V11
ESC 1:30

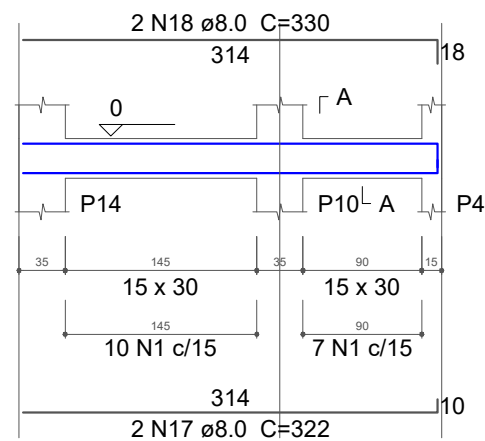


SEÇÃO A-A
ESC 1:25

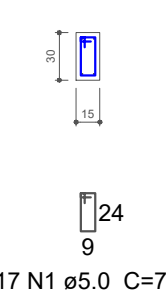


35 N1 ø5.0 C=78

V12
ESC 1:30

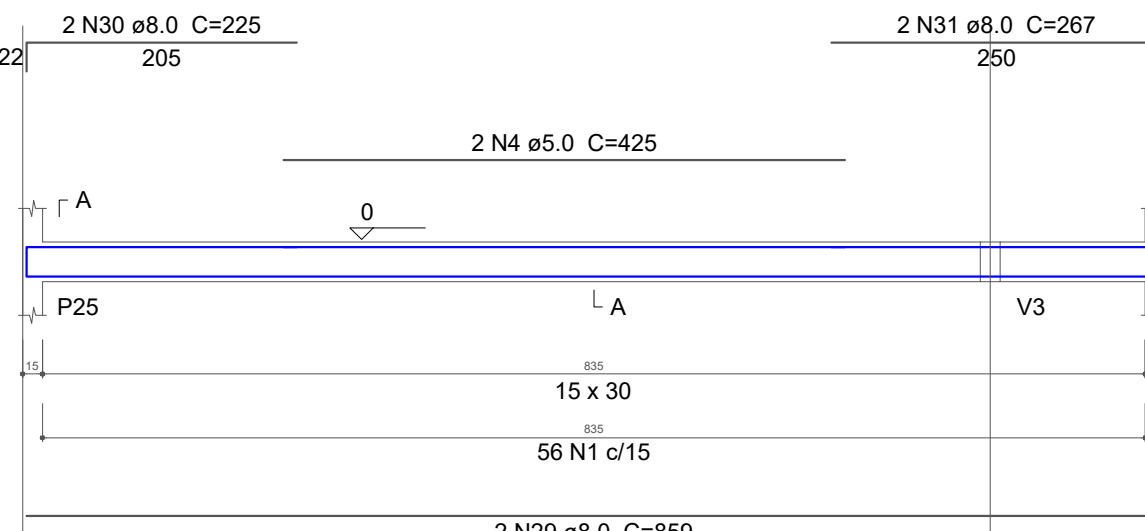


SEÇÃO A-A
ESC 1:25

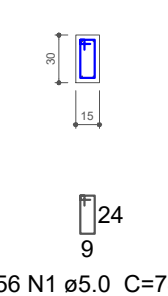


17 N1 ø5.0 C=78

V13
ESC 1:30

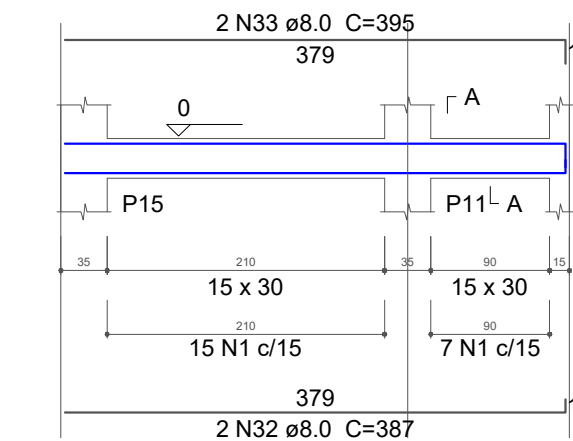


SEÇÃO A-A
ESC 1:25

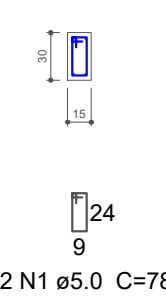


56 N1 ø5.0 C=78

V14
ESC 1:30



SEÇÃO A-A
ESC 1:25



22 N1 ø5.0 C=78

PROJETO COMPLEMENTAR

\\.\Pictures\100.png

PREFEITURA MUNICIPAL DE BRASNORTE

ENDEREÇO: RUA CURITIBA, NÚMERO 1080, CENTRO, BRASNORTE - MT.

FONE: (66) 3592 2008

DESCRIÇÃO: DETALHAMENTO VIGAS DA BALDRAME.

TIPO DE OBRA: CONSTRUÇÃO DE VESTIÁRIOS NO ESTÁDIO MUNICIPAL MARINHO MANDEL MARCELO.

ENDEREÇO DA OBRA: RUA JURUENA, BAIRRO PÔR DO SOL, SN - BRASNORTE/MT.

COORDENADAS: LATITUDE: LONGITUDE:

DATA: 21/07/2025 ESCALA: INDICADA PRANCHAS: 06/29

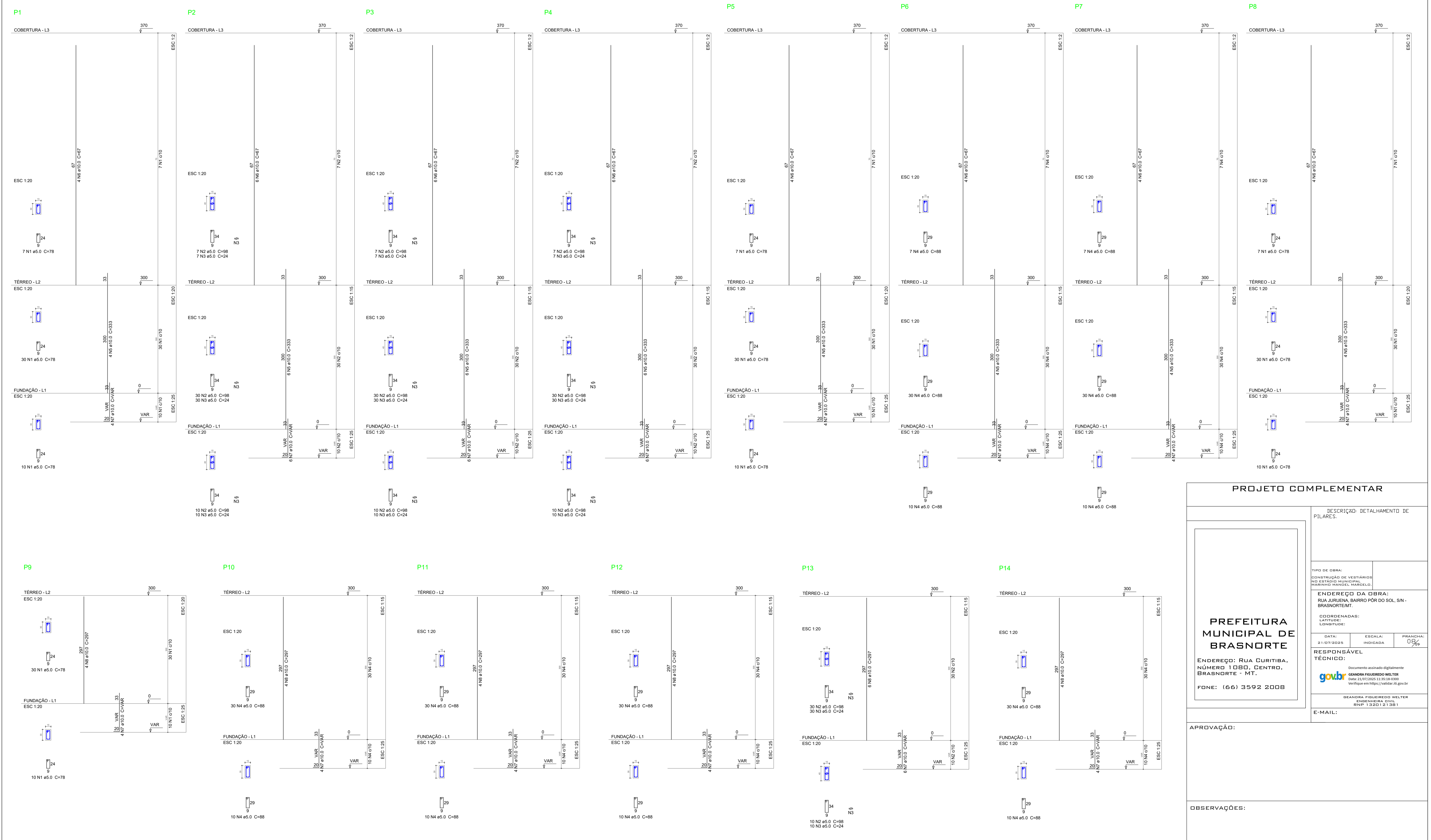
RESPONSÁVEL TÉCNICO: GEANDRA FIQUEIREDO WELTER
OBRAS: 21.07.2025 13:35:58-0300
Verifique em <https://validar.dl.gov.br>

GEANDRA FIQUEIREDO WELTER
ENGENHEIRA CIVIL
RNP 1320121381

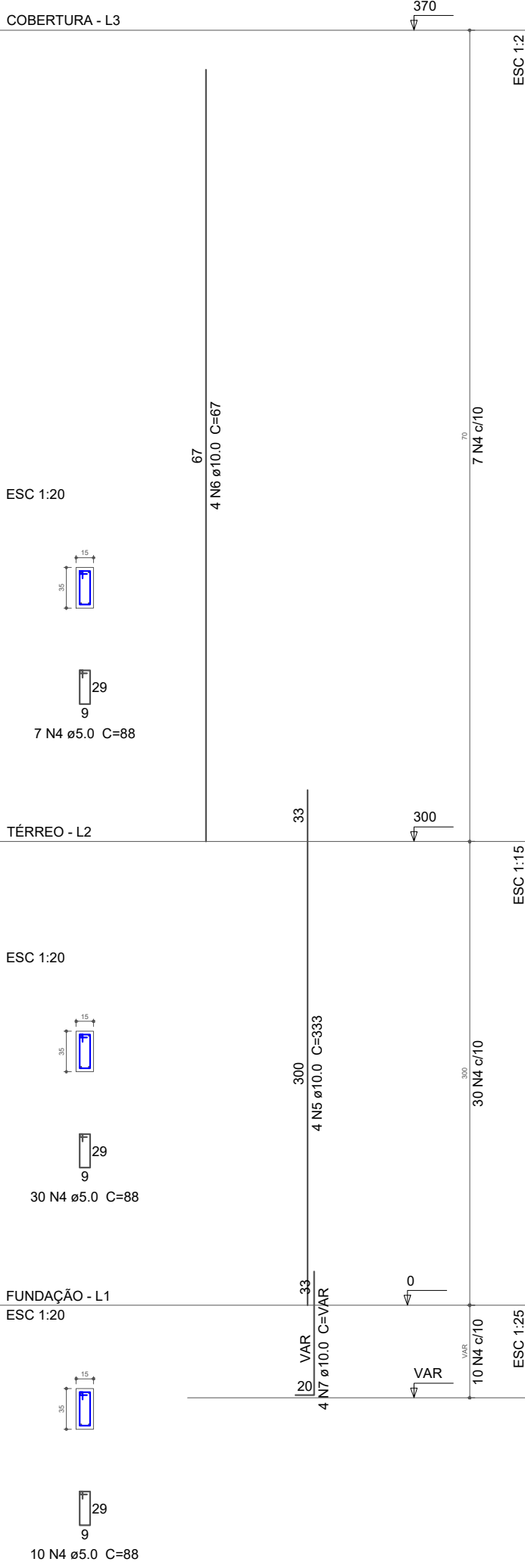
E-MAIL:

APROVAÇÃO:

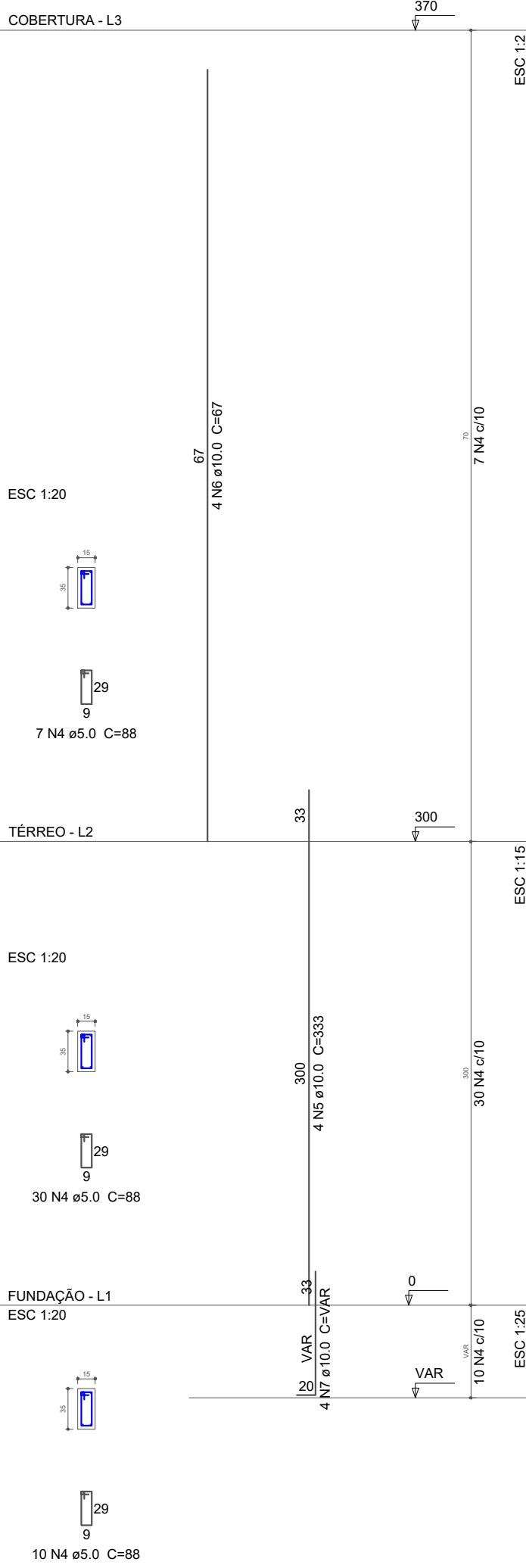
OBSERVAÇÕES:



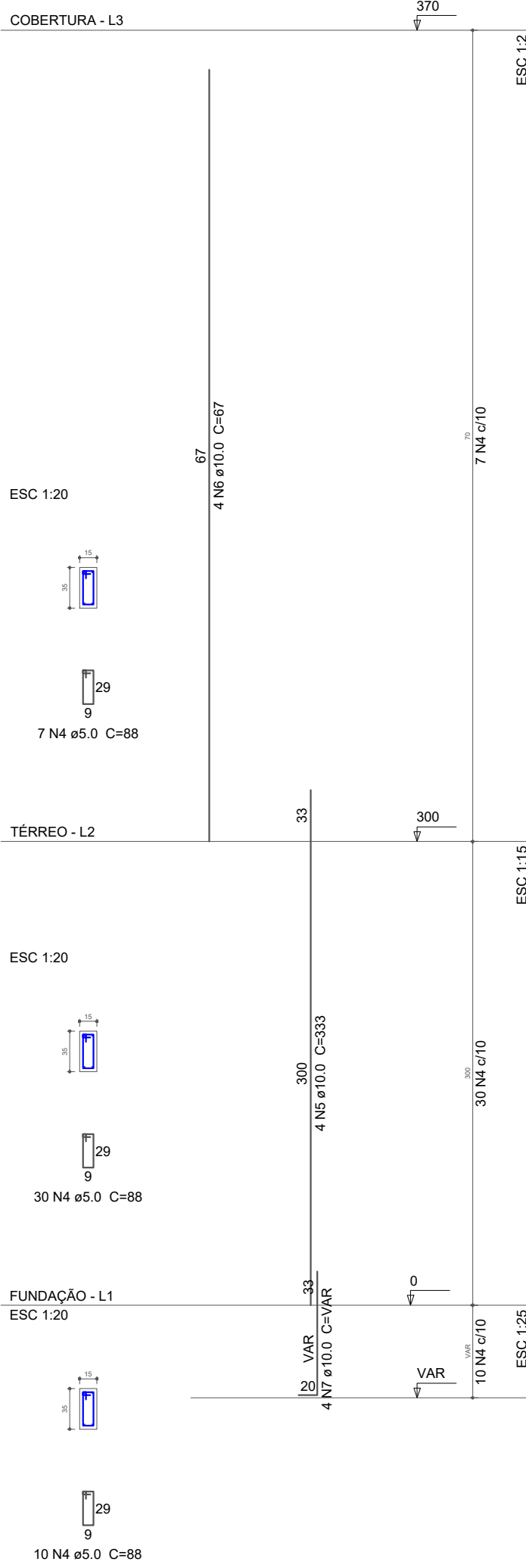
P21



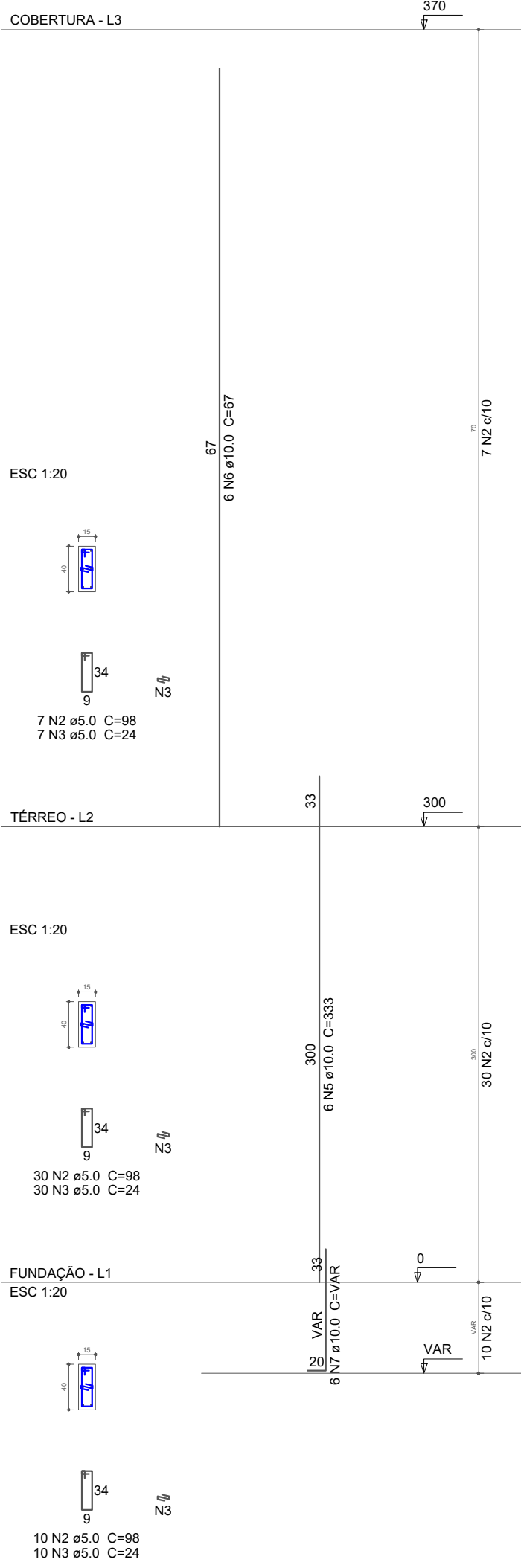
P22



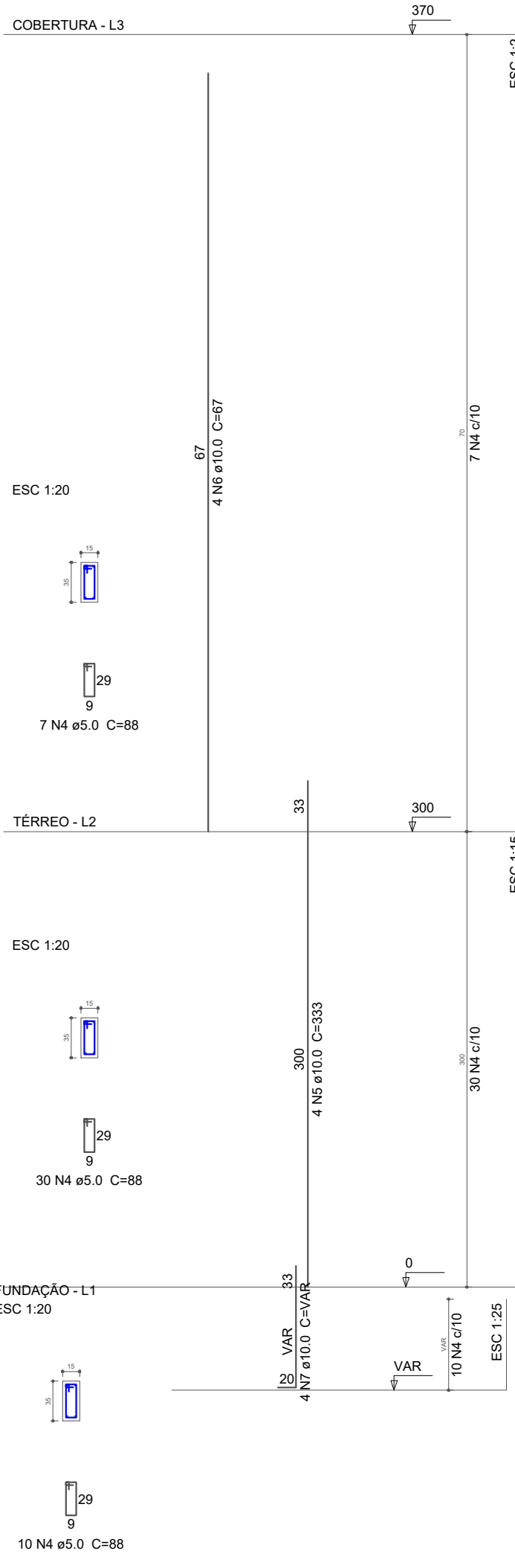
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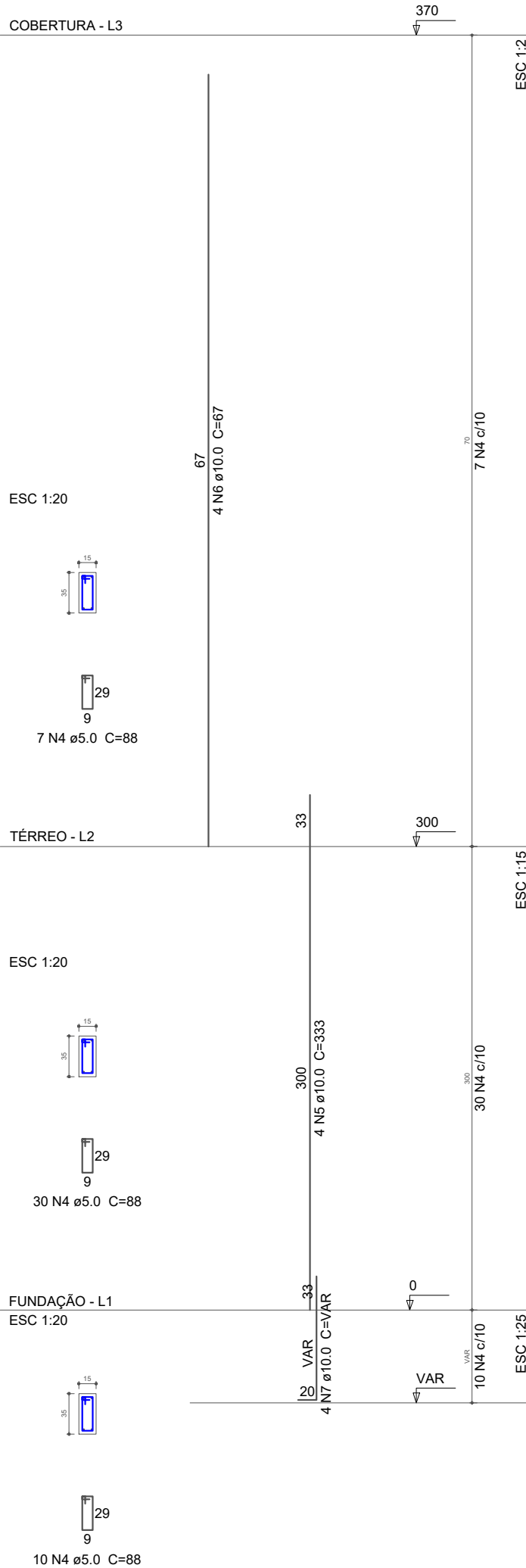
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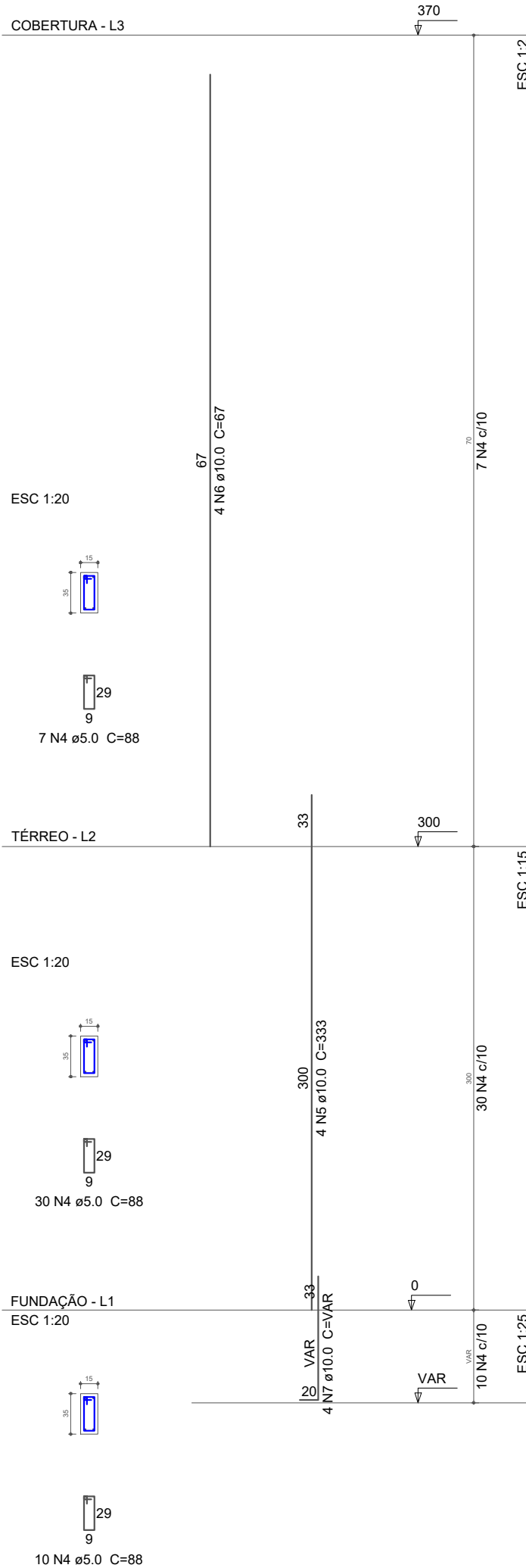
P25



P26



P27



Relação do aço

FUNDAÇÃO:	P1	P2
	P3	P4
TÉRREO:	P5	P6
	P7	P8
	P9	P10
	P11	P12
	P13	P14
	P15	P16
	P17	P18
	P19	P20
	P21	P22
	P23	P24
	P25	P26
	P27	P28

ACO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	181	78	14118
	2	5.0	228	98	22344
	3	5.0	228	24	5472
CA50	4	5.0	816	88	71808
	5	10.0	76	333	25308
	6	10.0	68	67	4556
	7	10.0	118	VAR	VAR
	8	10.0	42	297	12474
	9	10.0	8	197	1576

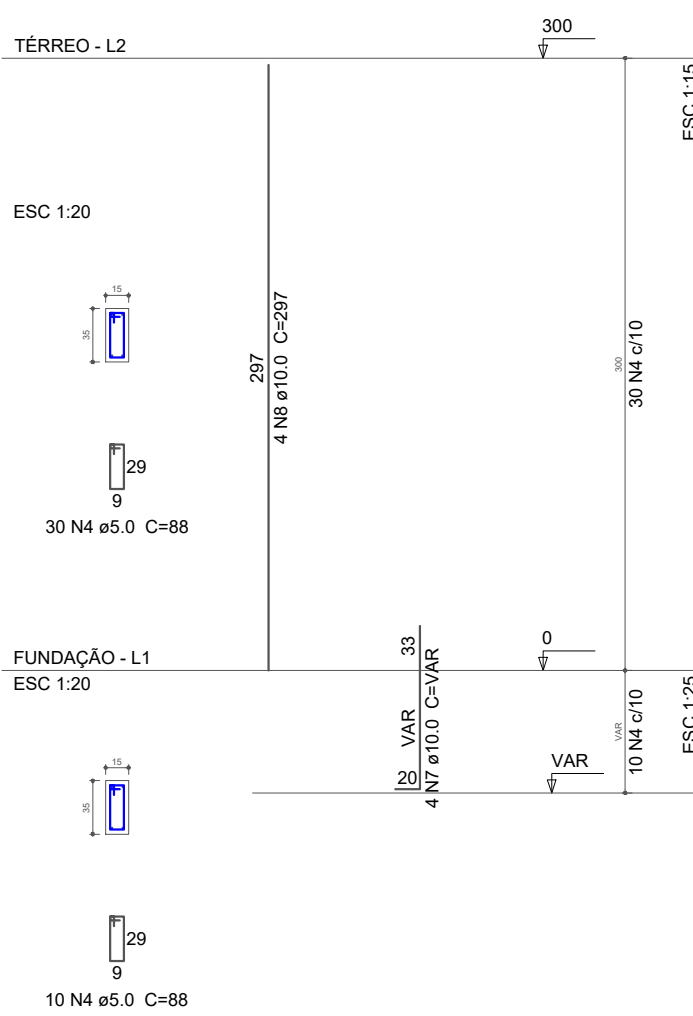
Resumo do aço

ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	517.4	418.7
CA60	5.0	1137.5	192.8
PESO TOTAL (kg)			
CA50	418.7		
CA60	192.8		

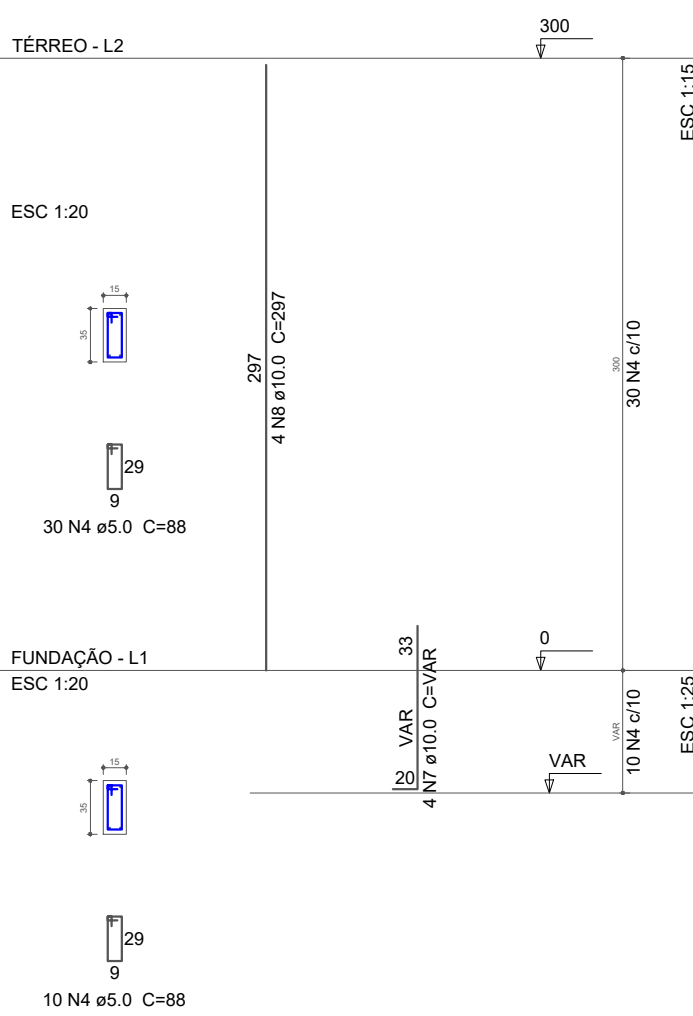
Volume de concreto (C-30) = 6.47 m³

Área de forma = 122.97 m²

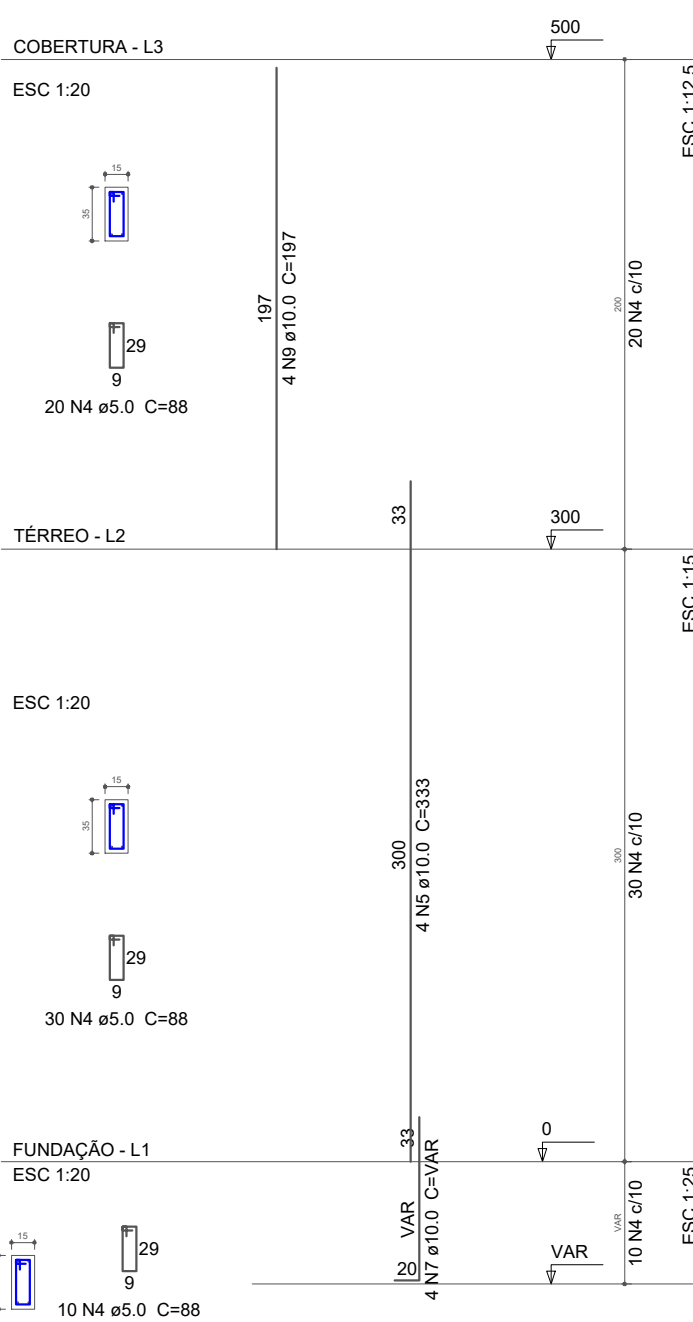
P15



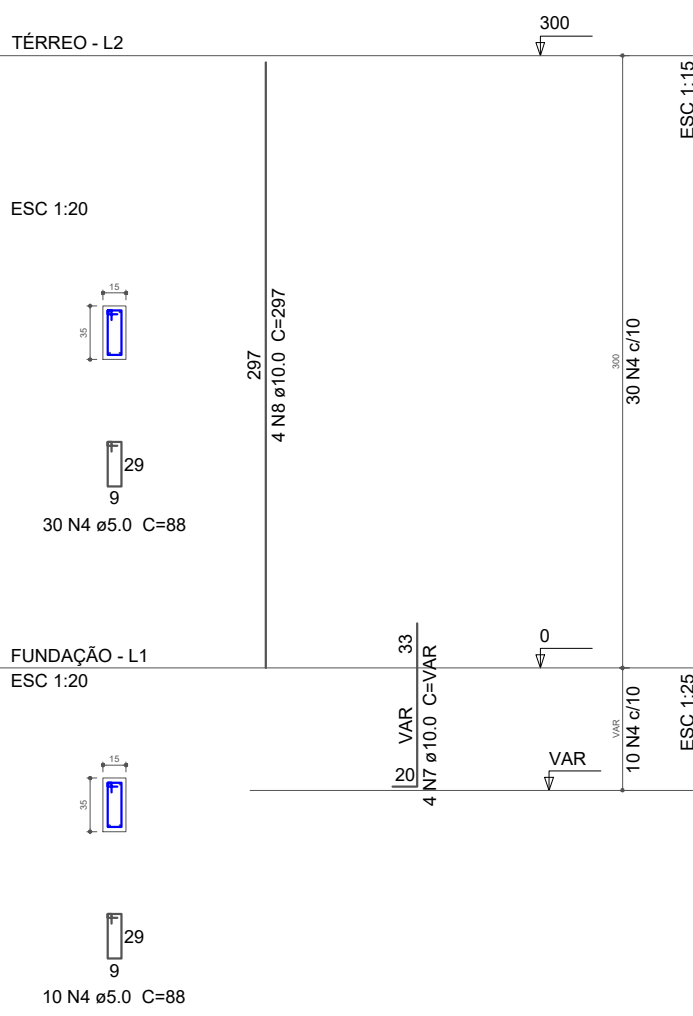
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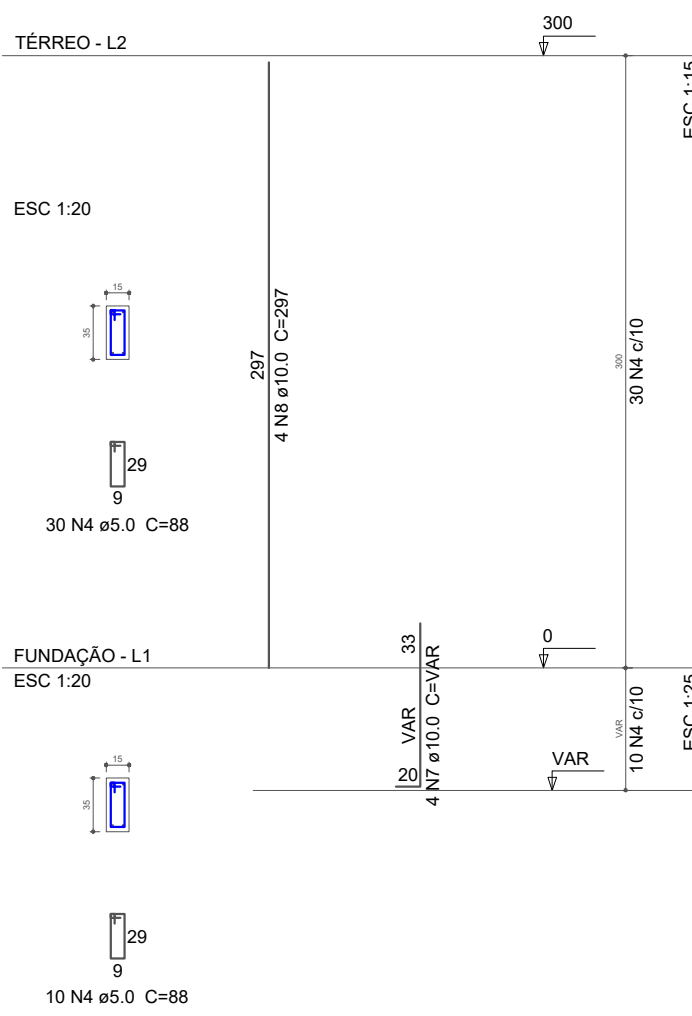
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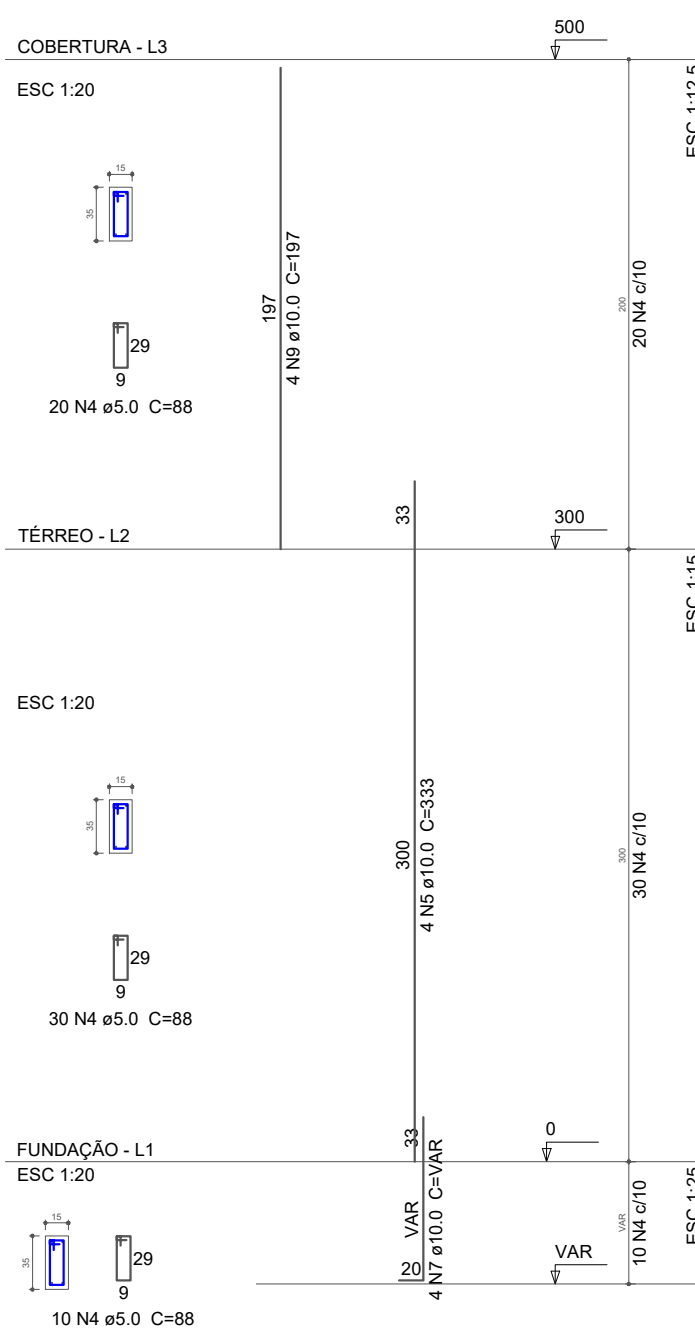
P18



P19



P20



PROJETO COMPLEMENTAR

PREFEITURA MUNICIPAL DE BRASNORTE

ENDEREÇO: RUA CURITIBA, NÚMERO 1080, CENTRO, BRASNORTE - MT.
FONE: (66) 3592 2008

DESCRIÇÃO: DETALHAMENTO DE PILARES.

TIPO DE OBRA:
CONSTRUÇÃO DE VESTIÁRIOS
NO ESTÁDIO MUNICIPAL
MARINHO MANDEL MARCELO.

ENDEREÇO DA OBRA:
RUA JURUENA, BAIRRO PÓR DO SOL, SN - BRASNORTE/MT.

COORDENADAS:
LATITUDE:
LONGITUDE:

DATA: 21/07/2025
ESCALA: INDICADA
PRANCHAS: 05/29

RESPONSÁVEL TÉCNICO:

Documento assinado digitalmente
BEANDRA FIGUEIREDO WELTER
Data: 21/07/2025 11:35:18-0300
Verifique em https://validar.it.gov.br

BEANDRA FIGUEIREDO WELTER
ENGENHEIRA CIVIL
RNP: 13220121381

E-MAIL:

APROVAÇÃO:

OBSERVAÇÕES: