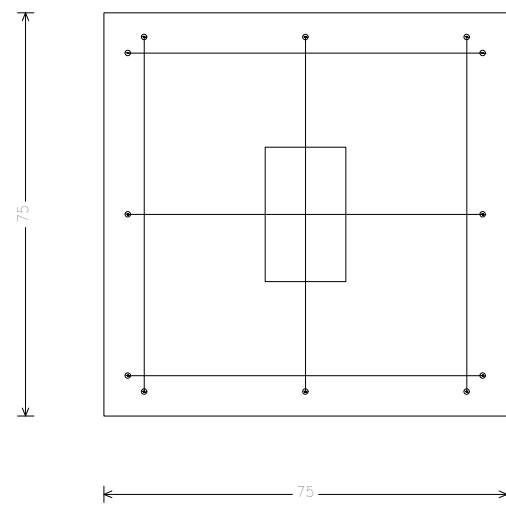


NOTAS GERAIS

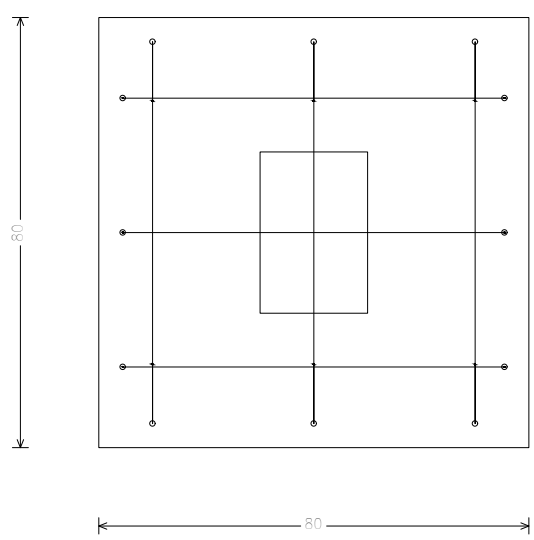
O MEMORIAL DESCRITIVO ANEXO-B DA NTO1 É PARTE INTEGRANTE DESTA PROJETO;
TODOS OS EQUIPAMENTOS DE PROTEÇÃO E COMBATE A INCÊNDIO DEVERÃO POSSUIR CERTIFICAÇÃO EMITIDA PELO INMETRO E DE ACORDO COM
NA IMPLANTAÇÃO DE FITAS, FAIXAS ANTIDERRAPANTES OU SIMILARES EM ESCADAS, A DISTÂNCIA DEVERÁ SER, PREFERENCIALMENTE, DE 3CM (TRÊS CENTÍMETROS) A 4CM (QUATRO CENTÍMETROS) CONTADOS A PARTIR DA ARESTA DO DEGRAU; E, EM RAMPA, DE 10CM (DEZ CENTÍMETROS) A 15CM (QUINZE CENTÍMETROS).

DA DE EMERGÊNCIA/ROTA DE FUGA (NBR 9077/NT 05 - CBMCE/IT 11 - SP)

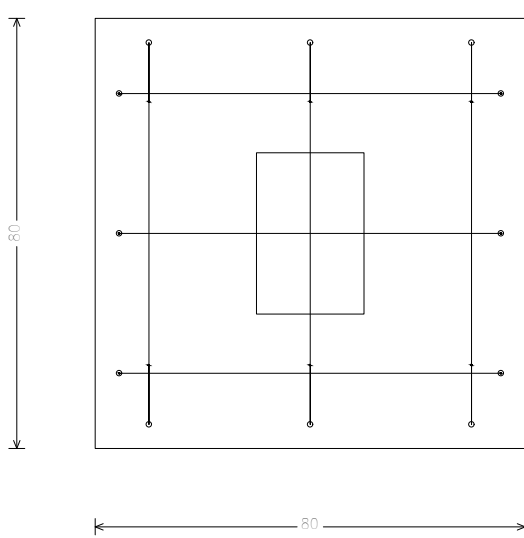
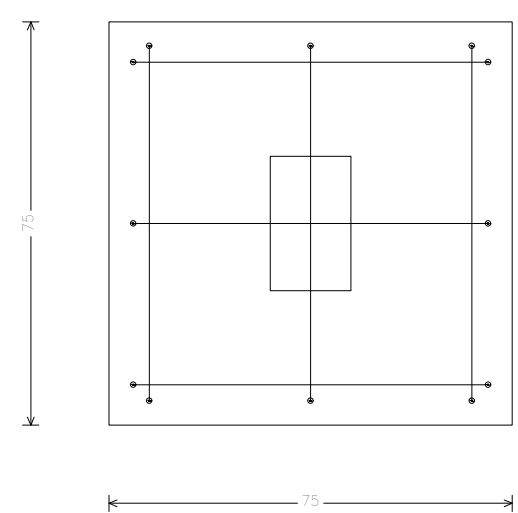
Scenario	Pro	Dom	C	Def	Comp	Comp	Comp	CR	CR
P1-P4	1	0	0	1	1	0	0	0.0	0.0
P5-P6	1	0	0	1	1	0	0	0.0	0.0
P7-P8	1	0	0	1	1	0	0	0.0	0.0
P9-P10	1	0	0	1	1	0	0	0.0	0.0
P11-P12	1	0	0	1	1	0	0	0.0	0.0
P13-P14	1	0	0	1	1	0	0	0.0	0.0
P15-P16	1	0	0	1	1	0	0	0.0	0.0
P17-P18	1	0	0	1	1	0	0	0.0	0.0
P19-P20	1	0	0	1	1	0	0	0.0	0.0
P21-P22	1	0	0	1	1	0	0	0.0	0.0
P23-P24	1	0	0	1	1	0	0	0.0	0.0
P25-P26	1	0	0	1	1	0	0	0.0	0.0
P27-P28	1	0	0	1	1	0	0	0.0	0.0
P29-P30	1	0	0	1	1	0	0	0.0	0.0
P31-P32	1	0	0	1	1	0	0	0.0	0.0
P33-P34	1	0	0	1	1	0	0	0.0	0.0
P35-P36	1	0	0	1	1	0	0	0.0	0.0
P37-P38	1	0	0	1	1	0	0	0.0	0.0
P39-P40	1	0	0	1	1	0	0	0.0	0.0
P41-P42	1	0	0	1	1	0	0	0.0	0.0
P43-P44	1	0	0	1	1	0	0	0.0	0.0
P45-P46	1	0	0	1	1	0	0	0.0	0.0
P47-P48	1	0	0	1	1	0	0	0.0	0.0
P49-P50	1	0	0	1	1	0	0	0.0	0.0
P51-P52	1	0	0	1	1	0	0	0.0	0.0
P53-P54	1	0	0	1	1	0	0	0.0	0.0
P55-P56	1	0	0	1	1	0	0	0.0	0.0
P57-P58	1	0	0	1	1	0	0	0.0	0.0
P59-P60	1	0	0	1	1	0	0	0.0	0.0
P61-P62	1	0	0	1	1	0	0	0.0	0.0
P63-P64	1	0	0	1	1	0	0	0.0	0.0
P65-P66	1	0	0	1	1	0	0	0.0	0.0
P67-P68	1	0	0	1	1	0	0	0.0	0.0
P69-P70	1	0	0	1	1	0	0	0.0	0.0
P71-P72	1	0	0	1	1	0	0	0.0	0.0
P73-P74	1	0	0	1	1	0	0	0.0	0.0
P75-P76	1	0	0	1	1	0	0	0.0	0.0
P77-P78	1	0	0	1	1	0	0	0.0	0.0
P79-P80	1	0	0	1	1	0	0	0.0	0.0
P81-P82	1	0	0	1	1	0	0	0.0	0.0
P83-P84	1	0	0	1	1	0	0	0.0	0.0
P85-P86	1	0	0	1	1	0	0	0.0	0.0
P87-P88	1	0	0	1	1	0	0	0.0	0.0
P89-P90	1	0	0	1	1	0	0	0.0	0.0
P91-P92	1	0	0	1	1	0	0	0.0	0.0
P93-P94	1	0	0	1	1	0	0	0.0	0.0
P95-P96	1	0	0	1	1	0	0	0.0	0.0
P97-P98	1	0	0	1	1	0	0	0.0	0.0
P99-P100	1	0	0	1	1	0	0	0.0	0.0
P101-P102	1	0	0	1	1	0	0	0.0	0.0
P103-P104	1	0	0	1	1	0	0	0.0	0.0
P105-P106	1	0	0	1	1	0	0	0.0	0.0
P107-P108	1	0	0	1	1	0	0	0.0	0.0
P109-P110	1	0	0	1	1				



Technical drawing of a mechanical part. The part consists of a rectangular base with a central vertical slot. The base has a width of 10 mm and a height of 2 mm. The central slot has a width of 2 mm and a height of 12 mm. The top of the slot is notched with a V-shape. The overall width of the part is 12 mm, and the overall height is 14 mm. The drawing includes dimension lines and arrows indicating the measurements.



Resumo Aço FUNDAÇÕES Fundação	Comp. total (m)	Peso+10% (kg)	Total
CA-50 #10	704,0	477	477
CA-60 #4,2	165,2	20	20
Total			497



Technical drawing of a mechanical part with dimensions:

- Top view: A rectangle with a central slot. The total width is 100. The slot width is 40. The distance from the left edge to the start of the slot is 30. The distance from the end of the slot to the right edge is 30. The slot depth is 10.
- Front view: A rectangle with a total height of 100. The base is 100 wide. The top edge has a central slot that is 40 wide and 10 deep. The distance from the left edge to the start of the slot is 30. The distance from the end of the slot to the right edge is 30.
- Side view: A rectangle with a total width of 100. The height is 100. The base is 100 wide. The top edge has a central slot that is 40 wide and 10 deep. The distance from the left edge to the start of the slot is 30. The distance from the end of the slot to the right edge is 30.

PROYECTO: **PROYECTO DE ESTRUCTURA DE CONCRETO ARMADO**
C.S.F. BARACHO

INTERESSADO:
PREFEITURA DE SOBRAL

ENDEREÇO:

MUNICÍPIO:
SOBRAL



SOBRAL
PREFEITURA

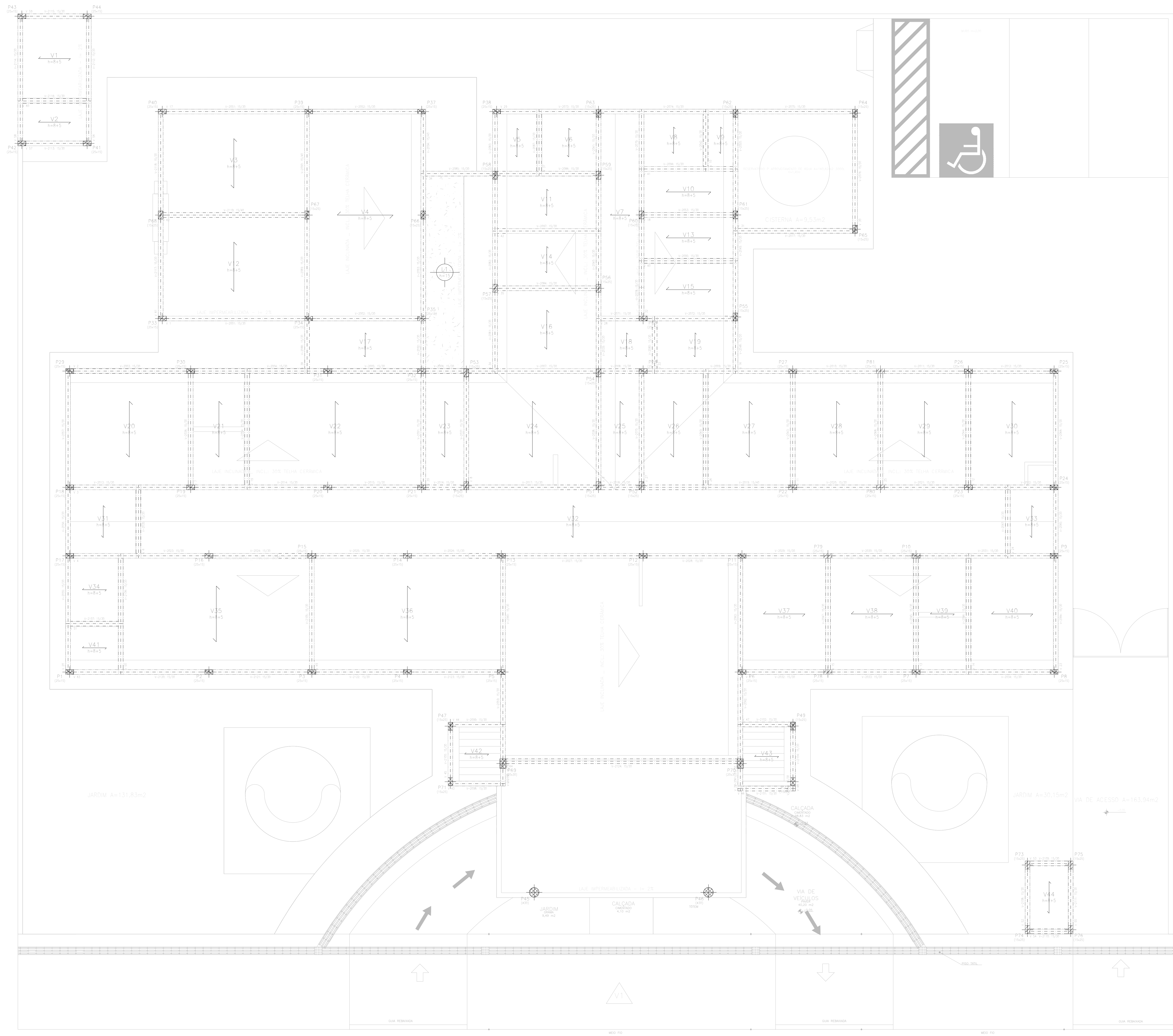
ASSUNTO:	ESCALA
FUNDAÇÕES	INDICADA

DATA
JUN/2023

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ARQUIVO

PRANCHA
02/24



CORTES 2.95 - Seção transversal - CORTES 2.95			
Elemento	Forma (m)	Área (m²)	Volume (m³)
Calçada	2,50	1,00	0,50
Calçada	3,50	1,00	0,50
Calçada	3,50	1,00	0,50
Calçada	3,50	1,00	0,50
Calçada	3,50	1,00	0,50
Calçada	3,50	1,00	0,50
Calçada	3,50	1,00	0,50
Calçada	3,50	1,00	0,50
Calçada	3,50	1,00	0,50
Calçada	3,50	1,00	0,50

CORTES 2.95
Seção transversal
R.L. Referência superior
R.L. Referência inferior
Escala: 1:50

SECRETARIA DA INFRAESTRUTURA

PROJETO: PROJETO DE ESTRUTURA DE CONCRETO ARMADO
C.S.F. BARACHO

INTERESSADO:
PREFEITURA DE SOBRAL

ENDEREÇO:

MUNICÍPIO:
SOBRAL



ASSUNTO:
FORMAS NÍVEL: 2.95M

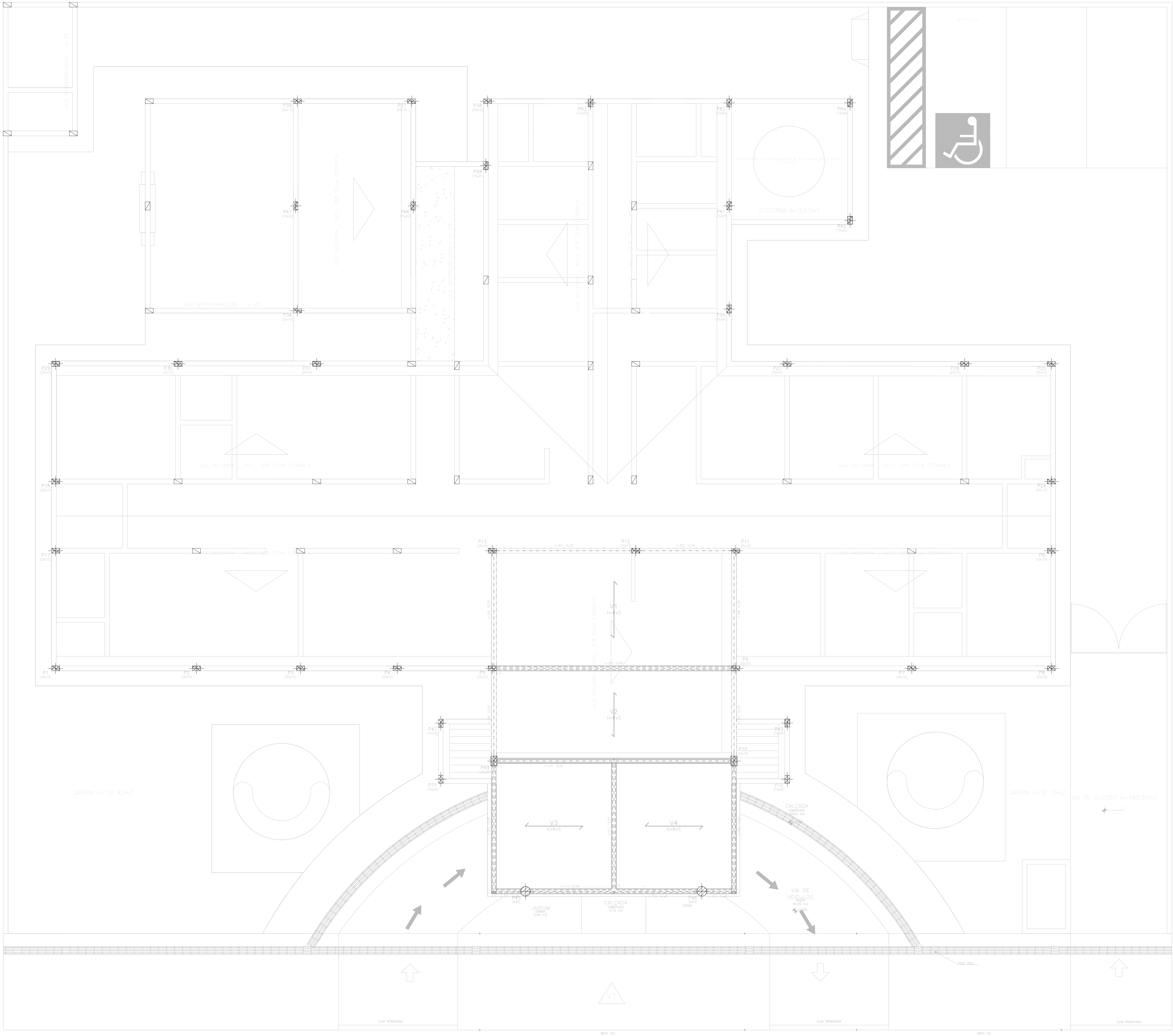
ESCALA
INDICADA

DATA
JUN/2023

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00

ARQUIVO

PRANCHA
04/24



COBERTA 3,95
Piso
Escala: 1:50

COBERTA 3,95 - Superfície total: 40,81 m2				
Contorno	Forma (m2)	Forma (m2)	Forma (m2)	Forma (m2)
LAJES	10,00	8,00	8,00	8,00
Forma (m2)	7,89	2,00	2,00	2,00
Forma (m2)	28,89	2,00	2,00	2,00
Forma (m2)	28,89	2,00	2,00	2,00
Total	100,89	11,00	11,00	11,00
Forma (m2)	7,89	2,00	2,00	2,00

Documento assinado digitalmente
GOV.BR
PREFEITURA DE SOBRAL
Verifique em: <https://validar.cdf.gov.br>

SECRETARIA DA INFRAESTRUTURA

PROJETO: **PROJETO DE ESTRUTURA DE CONCRETO ARMADO
C.S.F. BARAÇO**

INTERESSADO:
PREFEITURA DE SOBRAL

ENDEREÇO:

MUNICÍPIO:
SOBRAL



ASSUNTO:
FORMAS NÍVEL: 3.65M

ESCALA
INDICADA

DATA
JUN/2023

REVISÃO
00

ARQUIVO
-

PRANCHA
05/24



PROJETO DE ESTRUTURA DE CONCRETO ARMADO
C.S.F. BARACHO

PREFEITURA DE SOBRAL

ENDEREÇO:

SCERAL

1000

PREFEITURA

FORMAS NIVEI : 2.95M

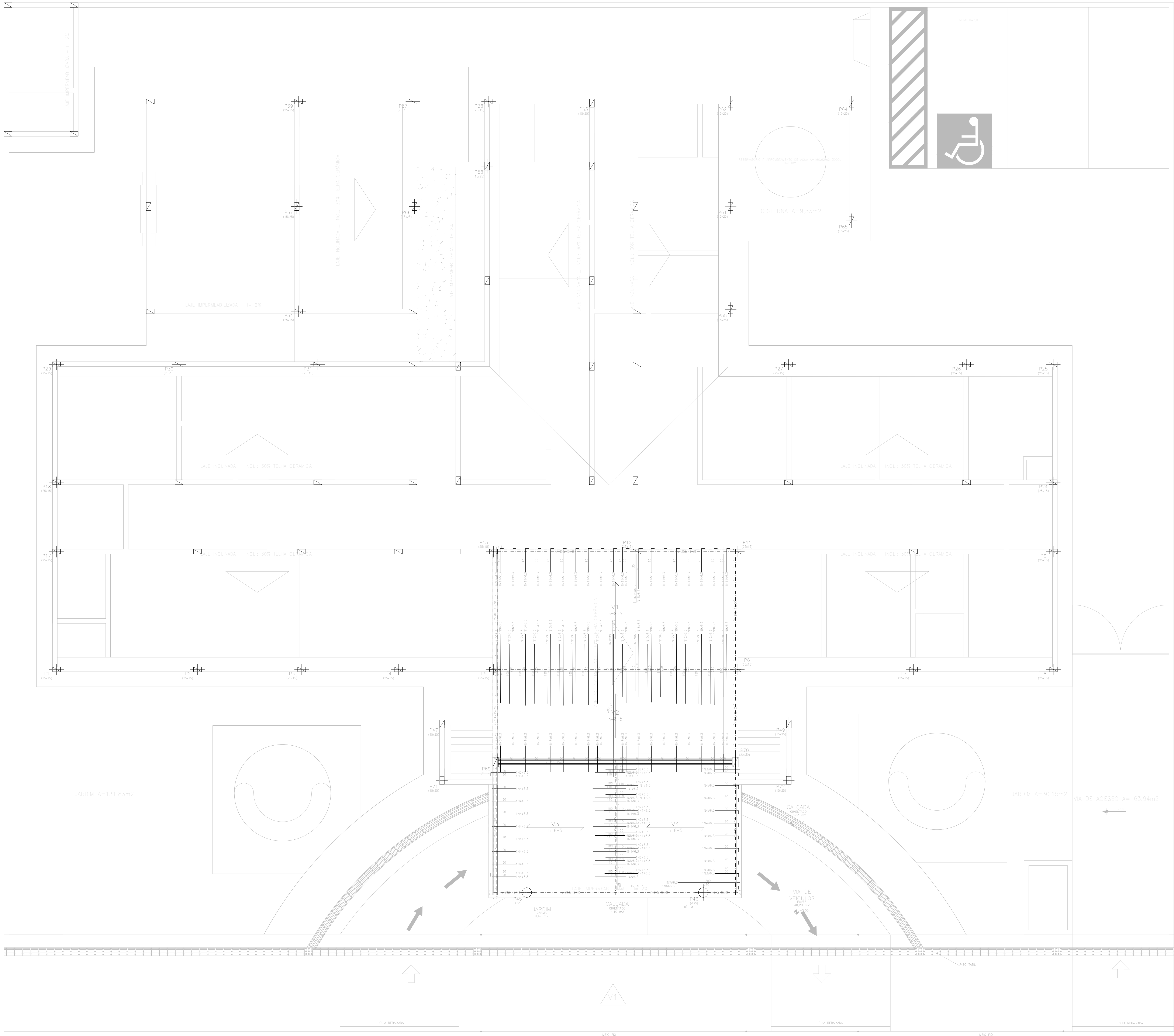
INDICADORE

JUN 14
JUN 2023REVISED
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09/

Item	Quantidade	Unidade	Valor Unitário	Valor Total
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100	1,00	m²	1,00	1,00



ESCALA 1:50
Formas
Dimensiones: 0,30, 0,40, 0,60
Escala: 1:50

Item	Quantidade	Unidade	Valor Unitário	Valor Total
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100	1,00	m²	1,00	1,00

gobbr Documento assinado digitalmente
SECRETARIA DA INFRAESTRUTURA
C.S.F. BARACHO

SECRETARIA DA INFRAESTRUTURA

PROJETO: PROJETO DE ESTRUTURA DE CONCRETO ARMADO
C.S.F. BARACHO

INTERESSADO:
PREFEITURA DE SOBRAL

ENDEREÇO:

MUNICÍPIO:
SOBRAL

SOBRAL
PREFEITURA

ASSUNTO:
FORMAS NÍVEL: 3.65M

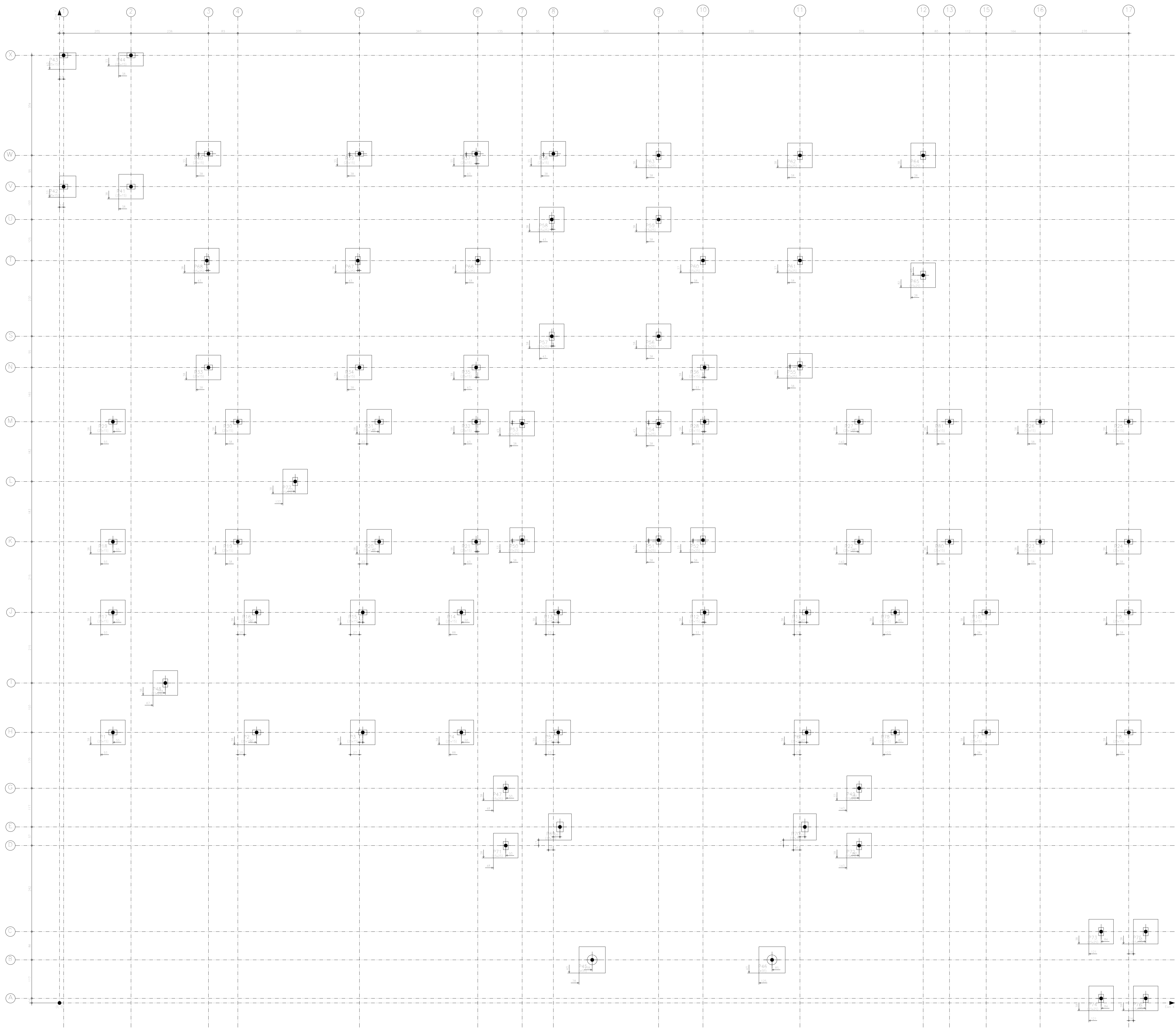
ESCALA
INDICADA

DATA
JUN/2023

REVISÃO
00

ARQUIVO

PRANCHA
10/24



Implantação de pilares – FUND. DES			
Pilar	Dimensão (cm)	Coordenadas do centro	
		Coordenada X (cm)	Coordenada Y (cm)
P1	25x15	163	823
P2	25x15	600	823
P3	25x15	923	823
P4	25x15	1223	823
P5	25x15	1517	823
P6	25x15	2273	823
P7	25x15	2819	823
P8	25x15	3253	823
P9	25x15	3253	1788
P10	25x15	2819	1788
P11	25x15	2273	1788
P12	25x15	1963	1788
P13	25x15	1517	1788
P14	25x15	1223	1788
P15	25x15	923	1788
P16	25x15	600	1788
P17	25x15	163	1788
P18	25x15	163	1403
P19	25x15	542	1403
P20	25x15	973	1403
P21	25x15	1267	1403
P22	25x15	2432	1403
P23	25x15	2983	1403
P24	25x15	3253	1403
P25	25x15	3253	1768
P26	25x15	2983	1768
P27	25x15	2432	1768
P28	25x15	1963	1768
P29	25x15	163	1768
P30	25x15	542	1768
P31	25x15	973	1768
P32	25x15	1267	1768
P33	25x15	453	1933
P34	25x15	973	1933
P35	25x15	1267	1933
P36	25x15	1963	1933
P37	25x15	1268	2583
P38	25x15	1503	2583
P39	25x15	973	2583
P40	25x15	453	2583
P41	25x15	218	2483
P42	25x15	13	2483
P43	25x15	13	2882
P44	25x15	218	2882
P45	ø30	1621	131
P46	ø30	2188	131
P47	15x25	1358	653
P48	15x25	322	973
P49	15x25	2433	653
P50	15x25	1408	1408
P51	15x25	1823	1408
P52	15x25	1958	1408
P53	15x25	1408	1762
P54	15x25	1823	1762
P55	15x25	2253	1938
P56	15x25	1823	2028
P57	15x25	1498	2028
P58	15x25	1498	2383
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P60	15x25	1958	2258
P61	15x25	2253	2258
P62	15x25	2253	2578
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P78	25x15	2542	823
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P80	25x15	2707	1403
P81	25x15	2707	1768

Cota de arranque dos pilares: +1,30 m

SECRETARIA DA INFRAESTRUTURA

PROJETO:
PROJETO DE ESTRUTURA DE CONCRETO ARMADO
C.S.F. BARACHO

INTERESSADO:
PREFEITURA DE SOBRAL

ENDEREÇO:

MUNICÍPIO:
SOBRAL



ASSUNTO:
FORMAS NÍVEL: 0,20M

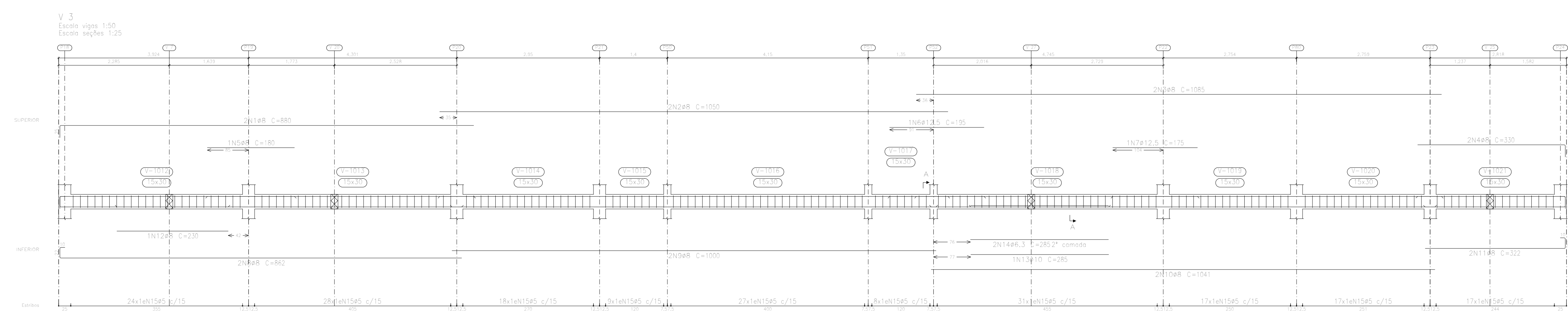
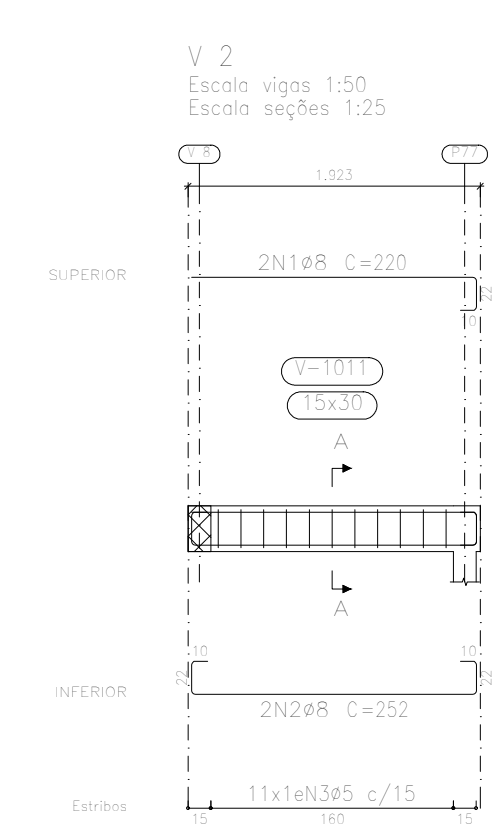
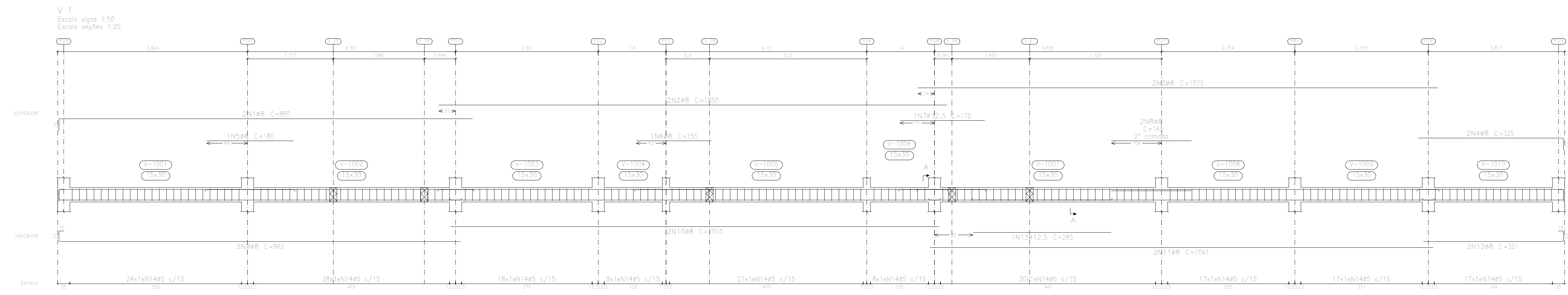
ESCALA
INDICADA

DATA
JUN/2023

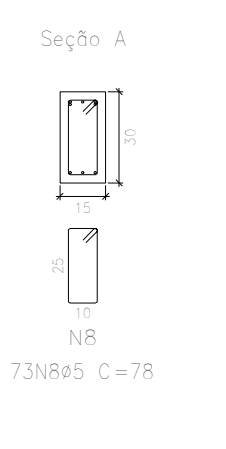
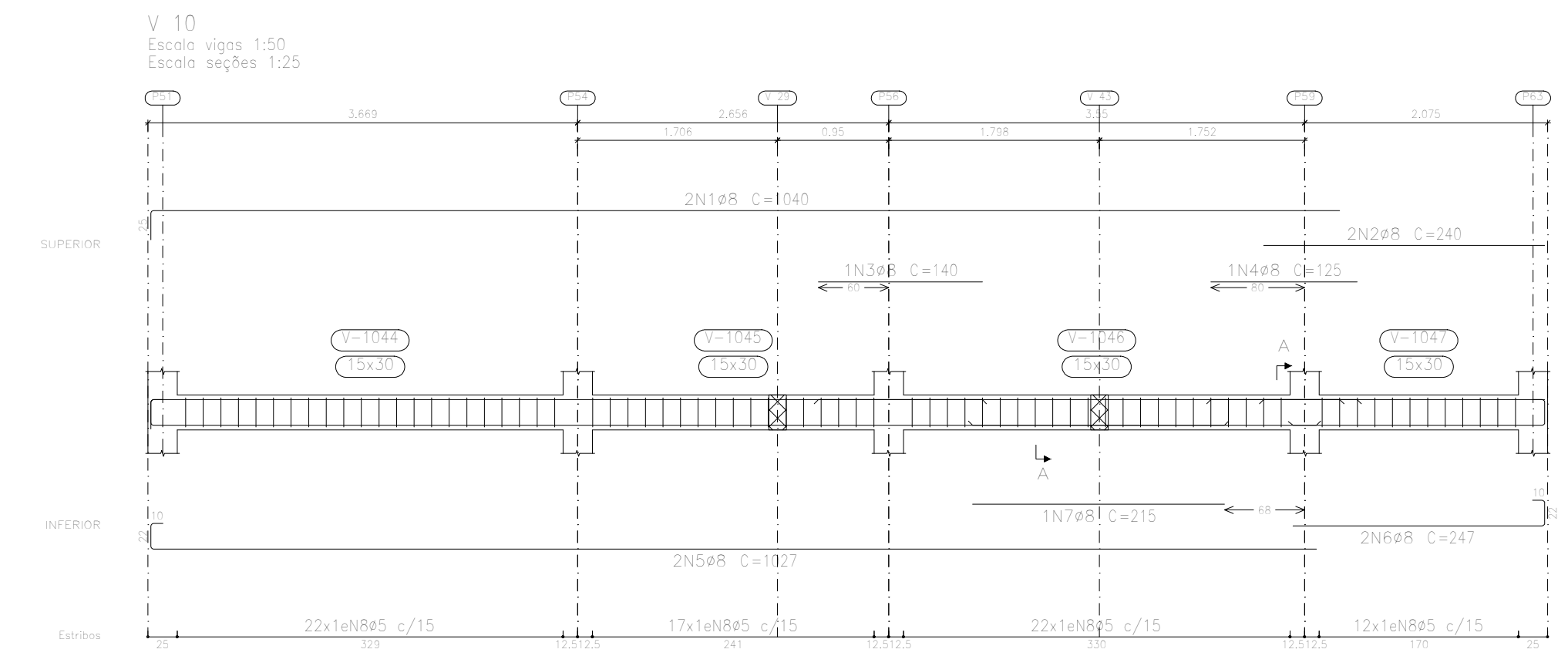
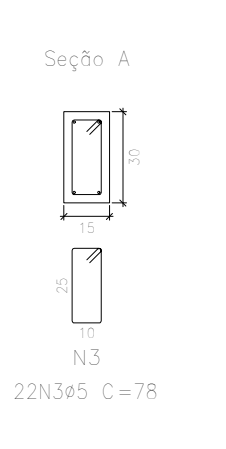
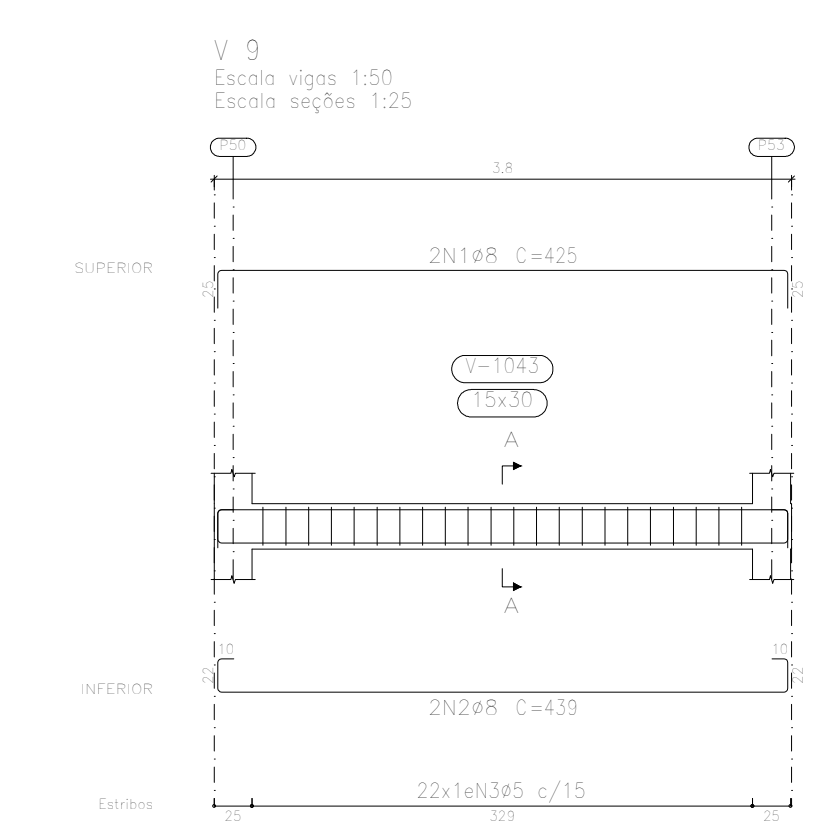
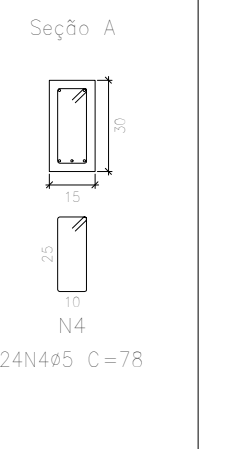
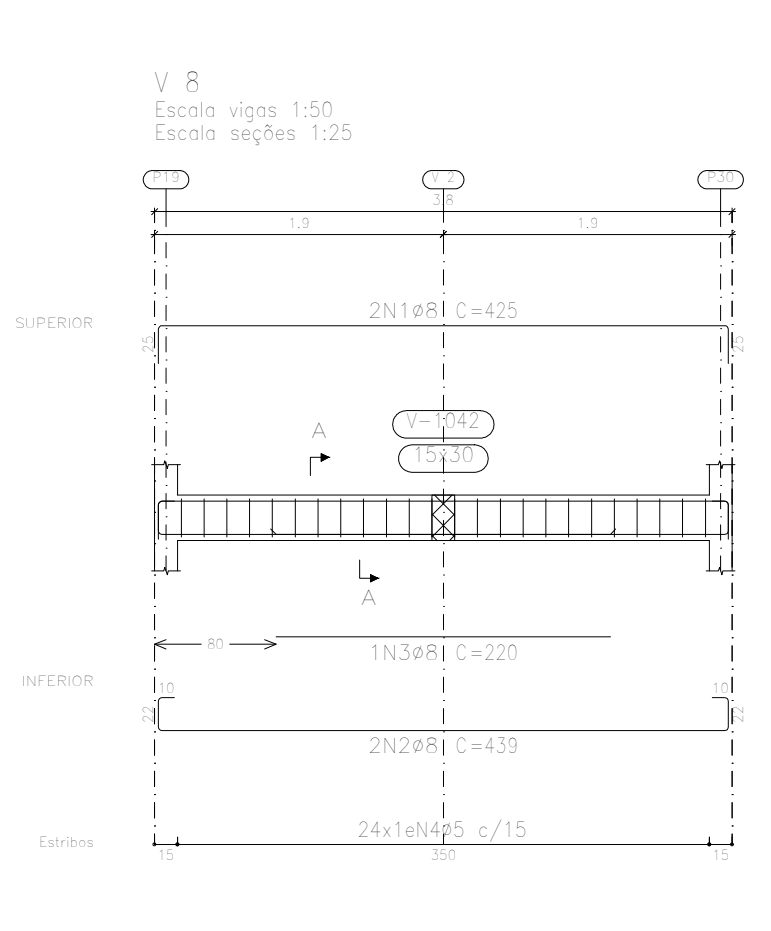
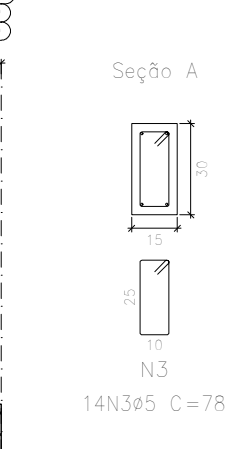
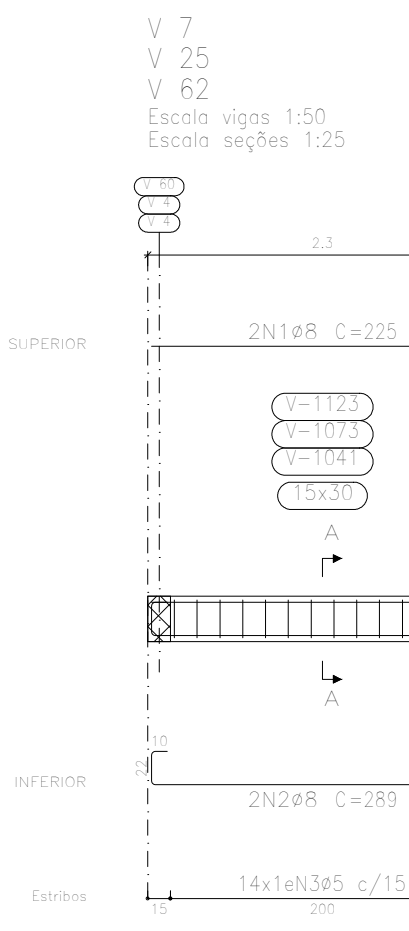
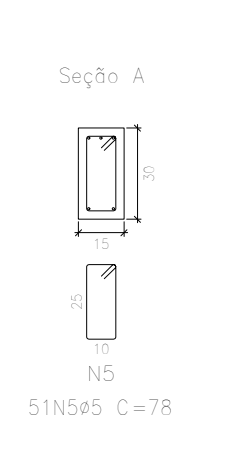
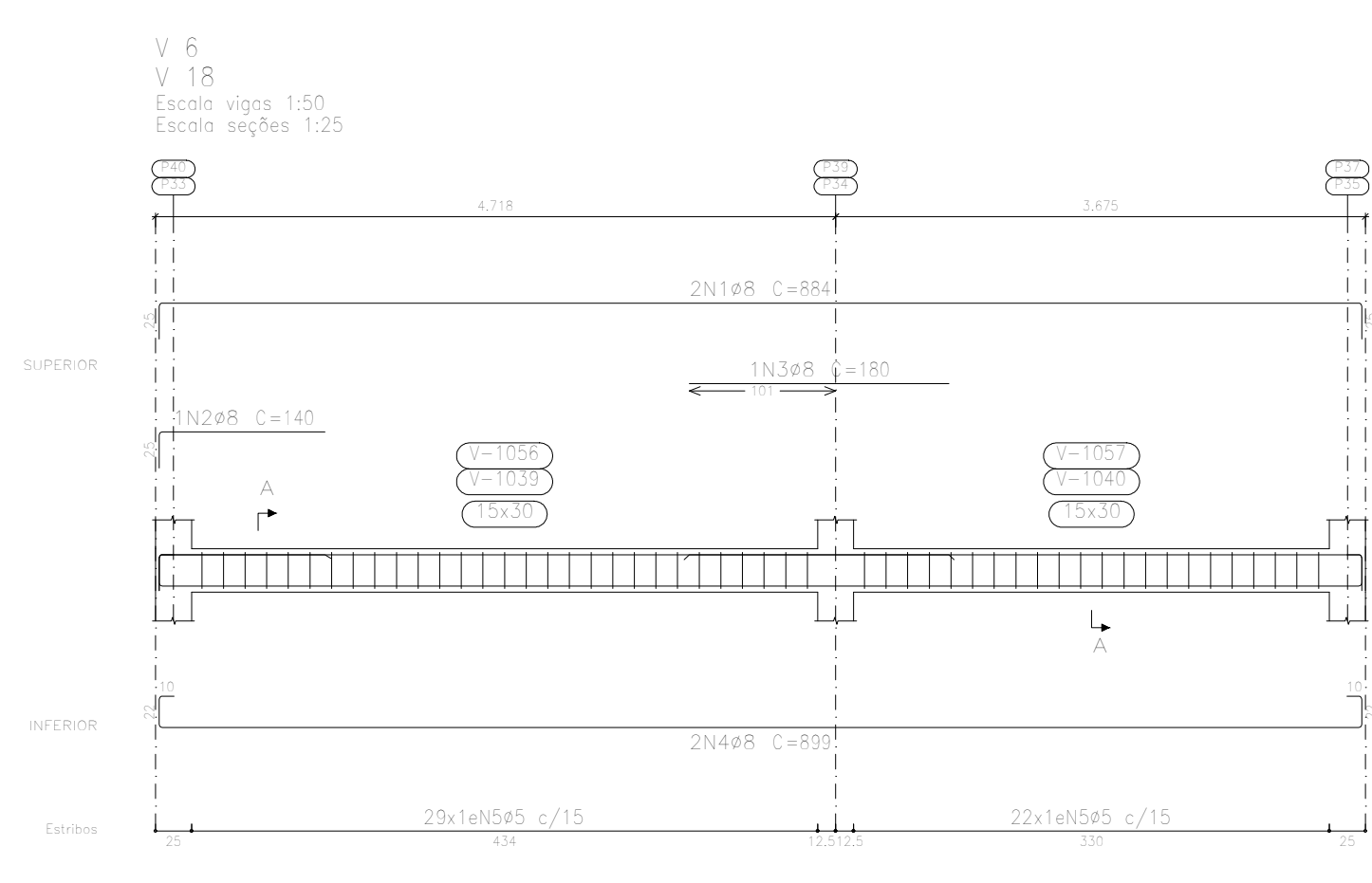
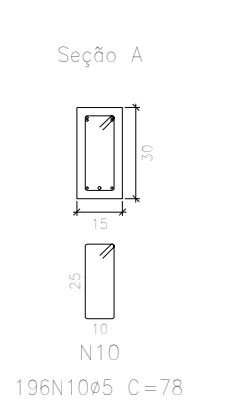
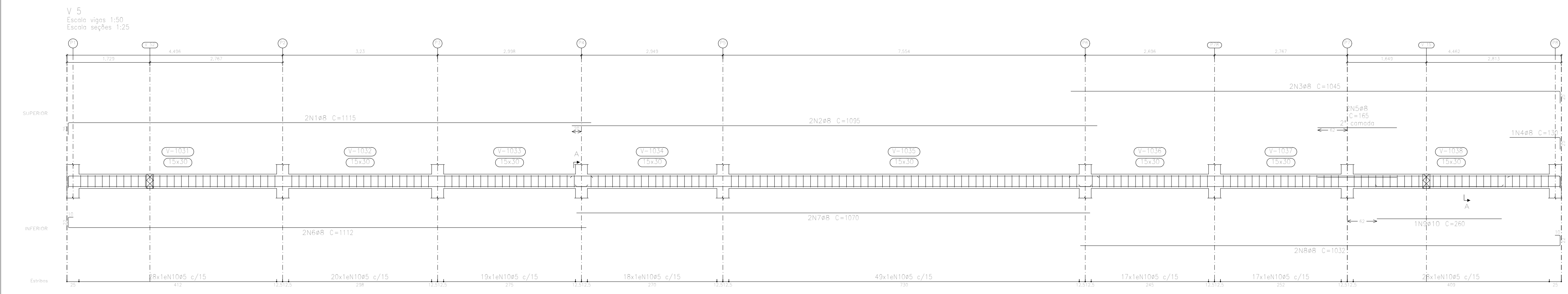
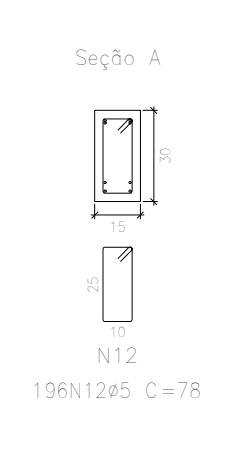
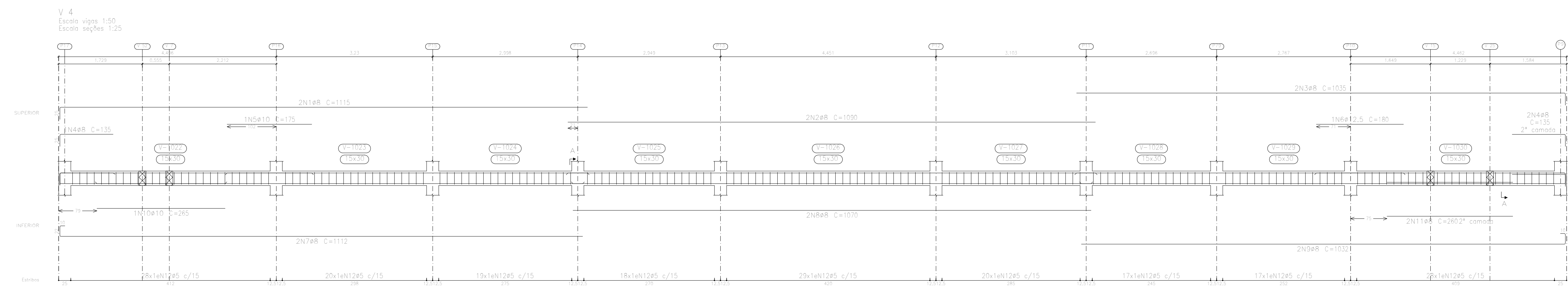
REVISÃO
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ARQUIVO

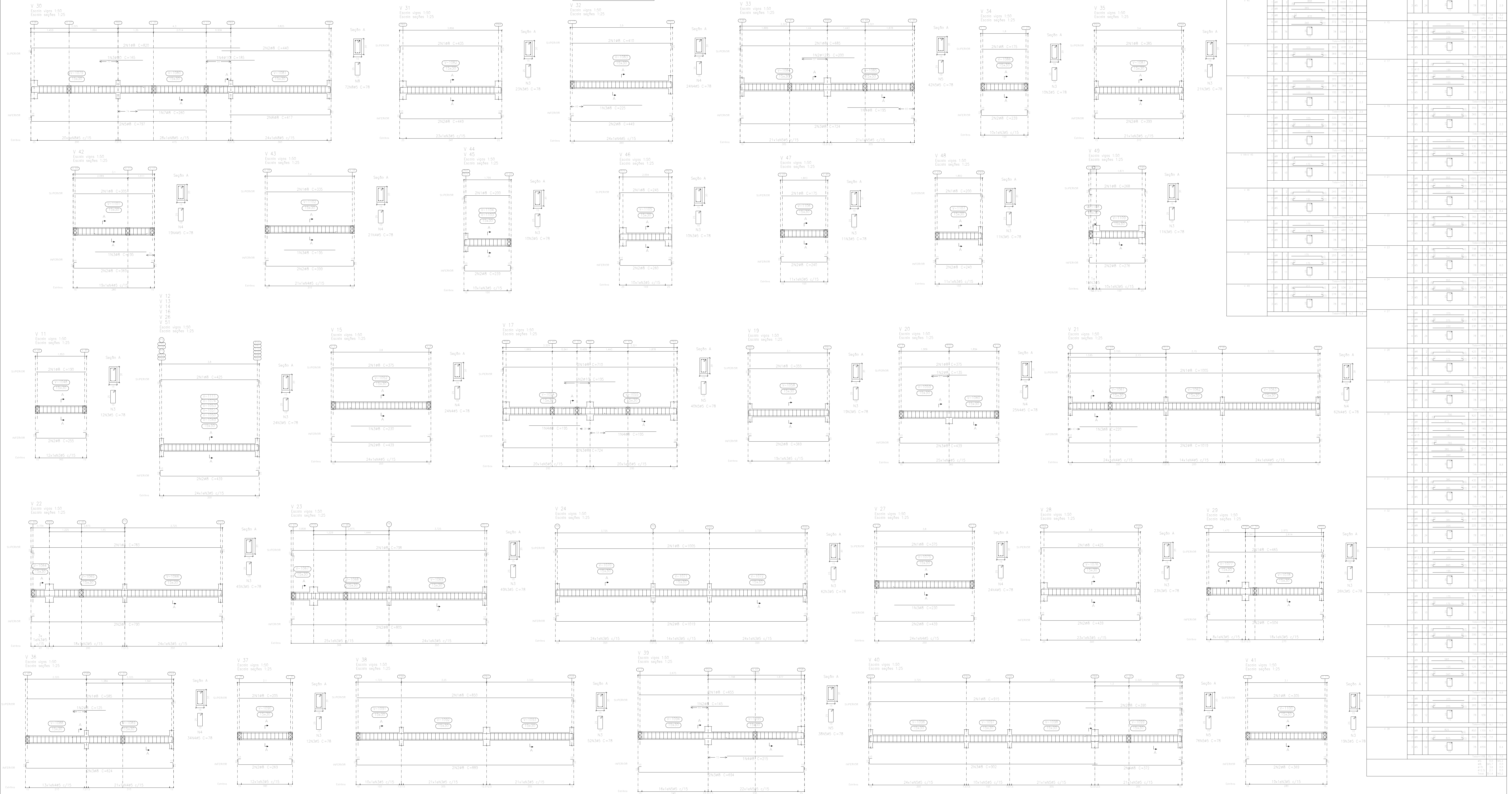
PRANCHA
11/24



TERREO 0,20
Desenho de vigas
Concreto: C-30, em geral
Aço das barras: CA-50 e CA-60
Aço das estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:25



TERREÇO 0,20
Desenho de vigas
Concreto: C30, em geral
Aço das barras: CA-50 e CA-60
Aço das estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:25



SECRETARIA DA INFRAESTRUTURA

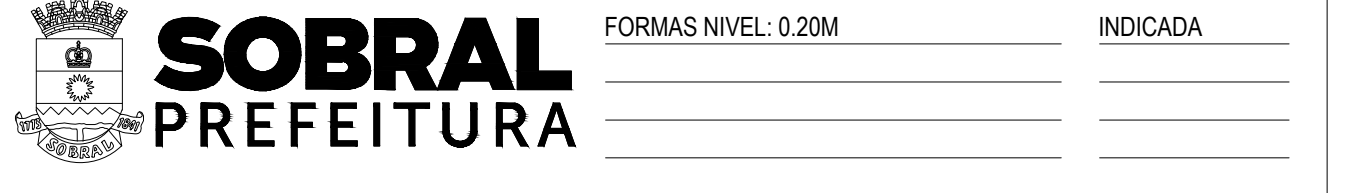
PROJETO: PROJETO DE ESTRUTURA DE CONCRETO ARMADO
C.S.F. BARACHO

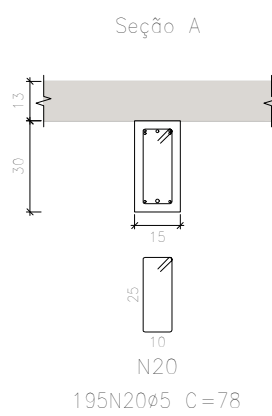
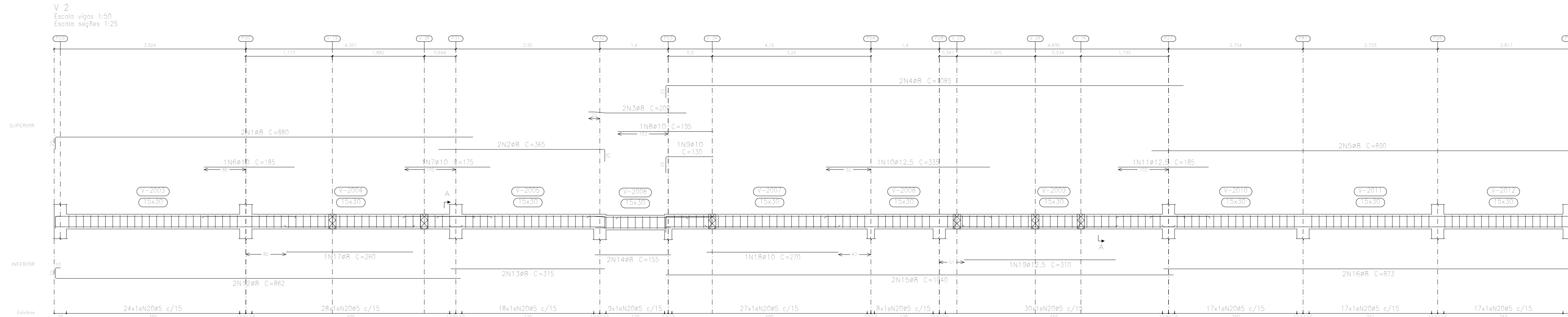
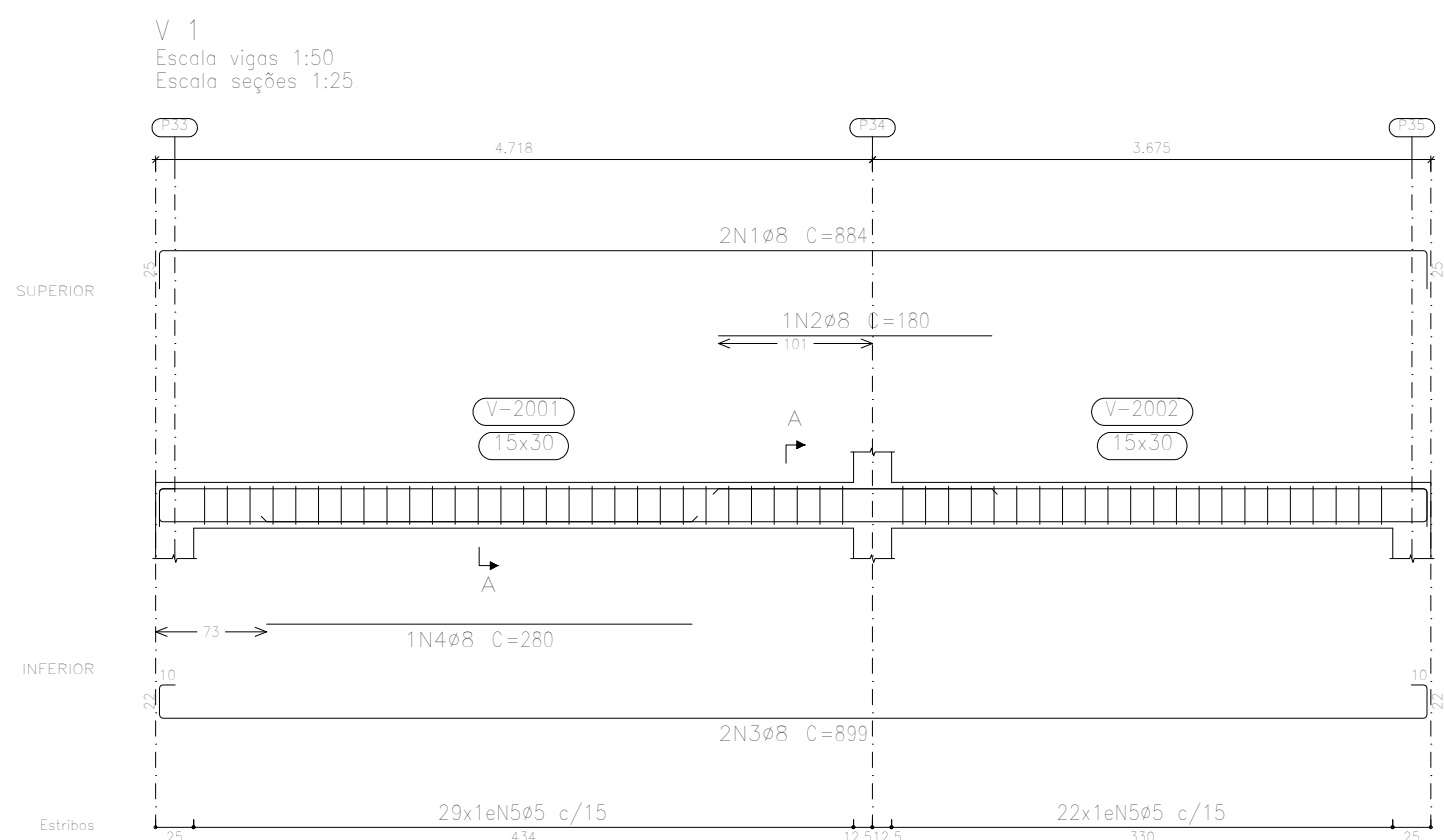
INTERESSADO: PREFEITURA DE SOBRAL
ENDEREÇO: _____

MUNICÍPIO: SOBRAL

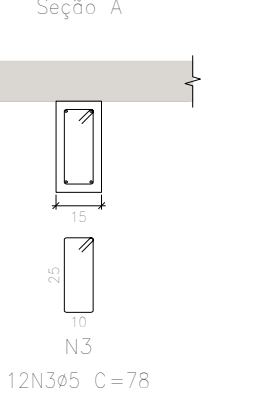
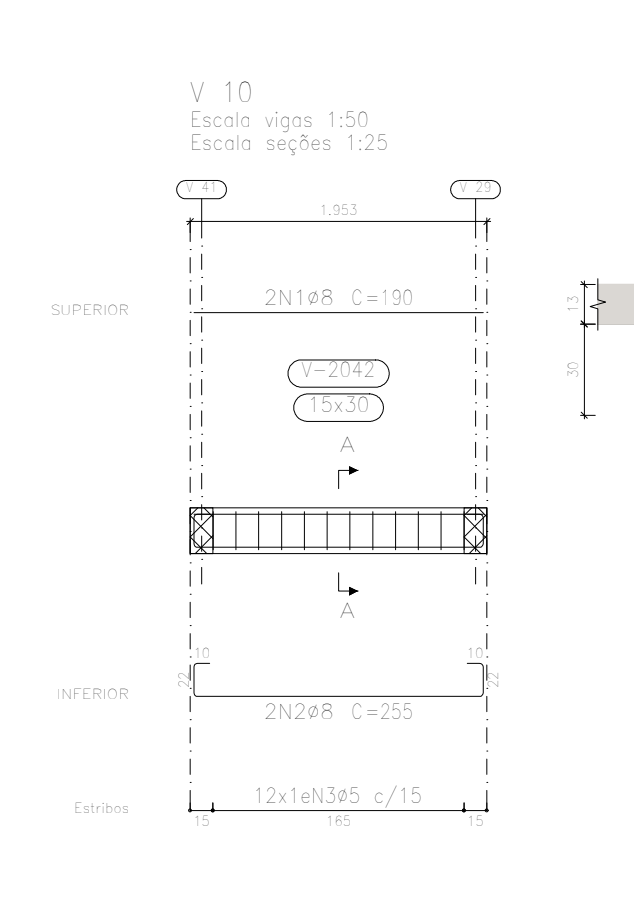
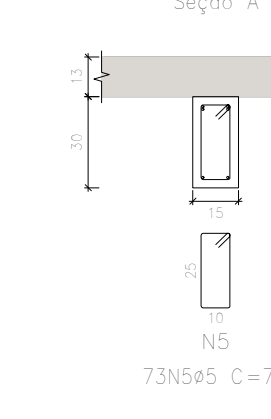
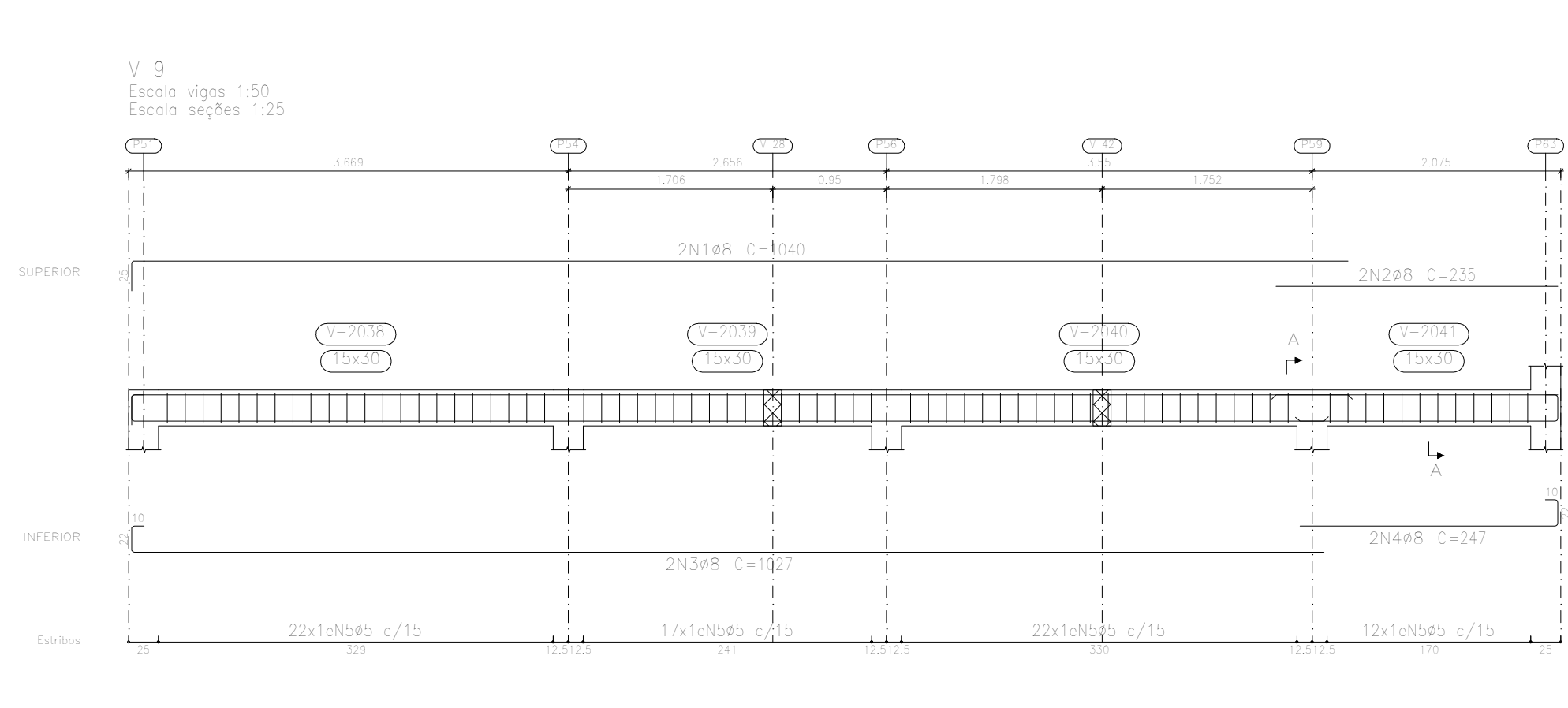
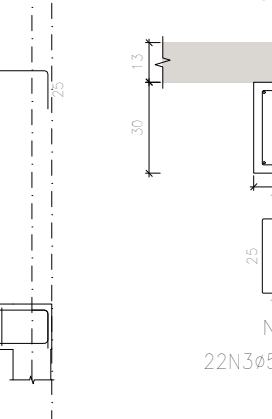
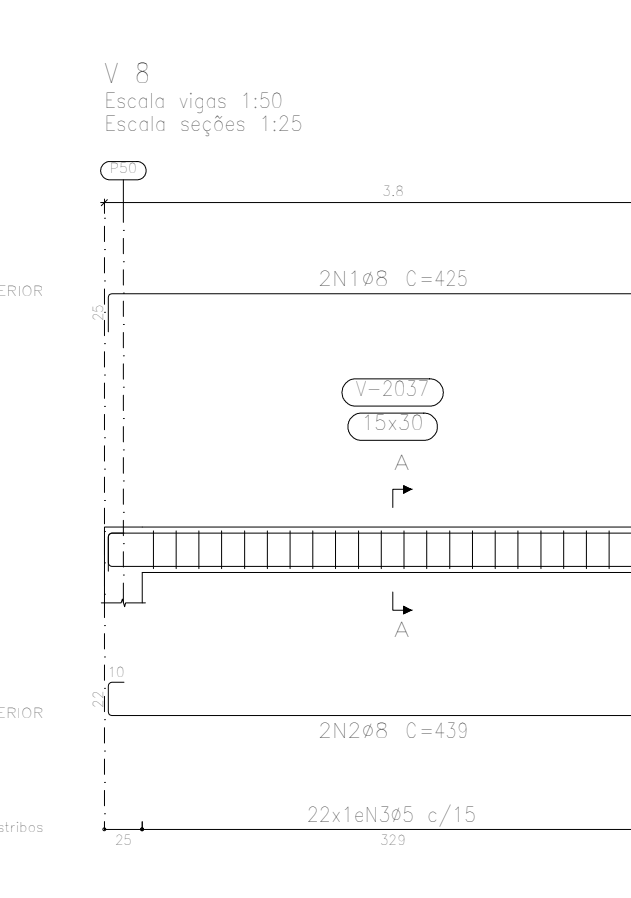
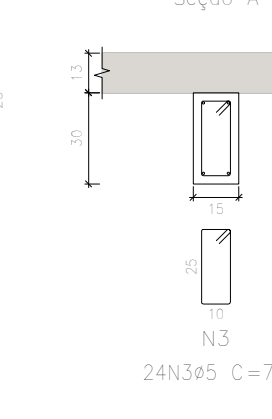
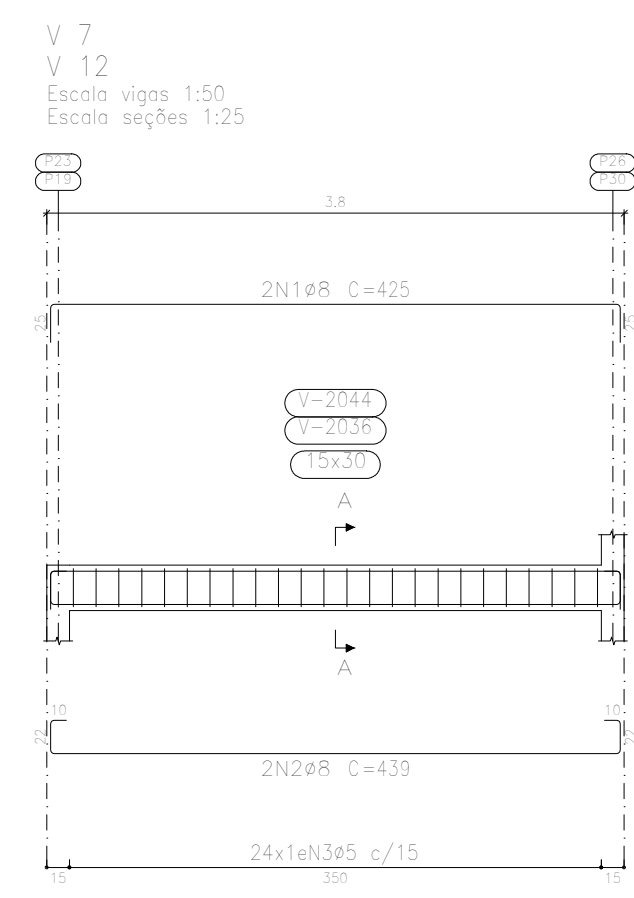
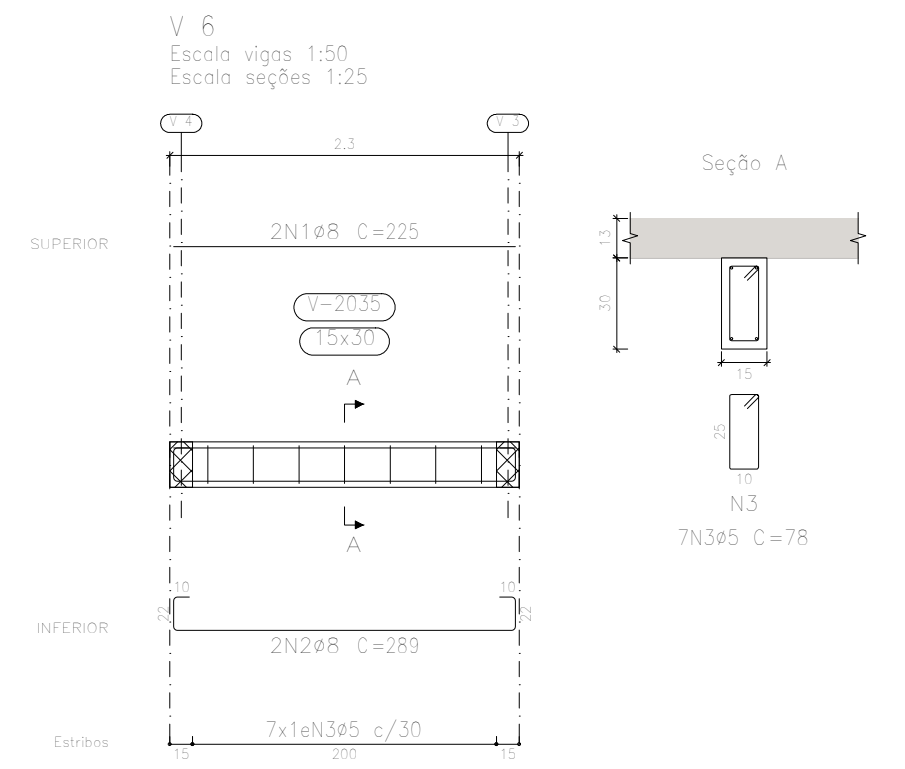
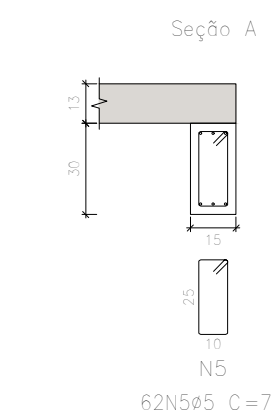
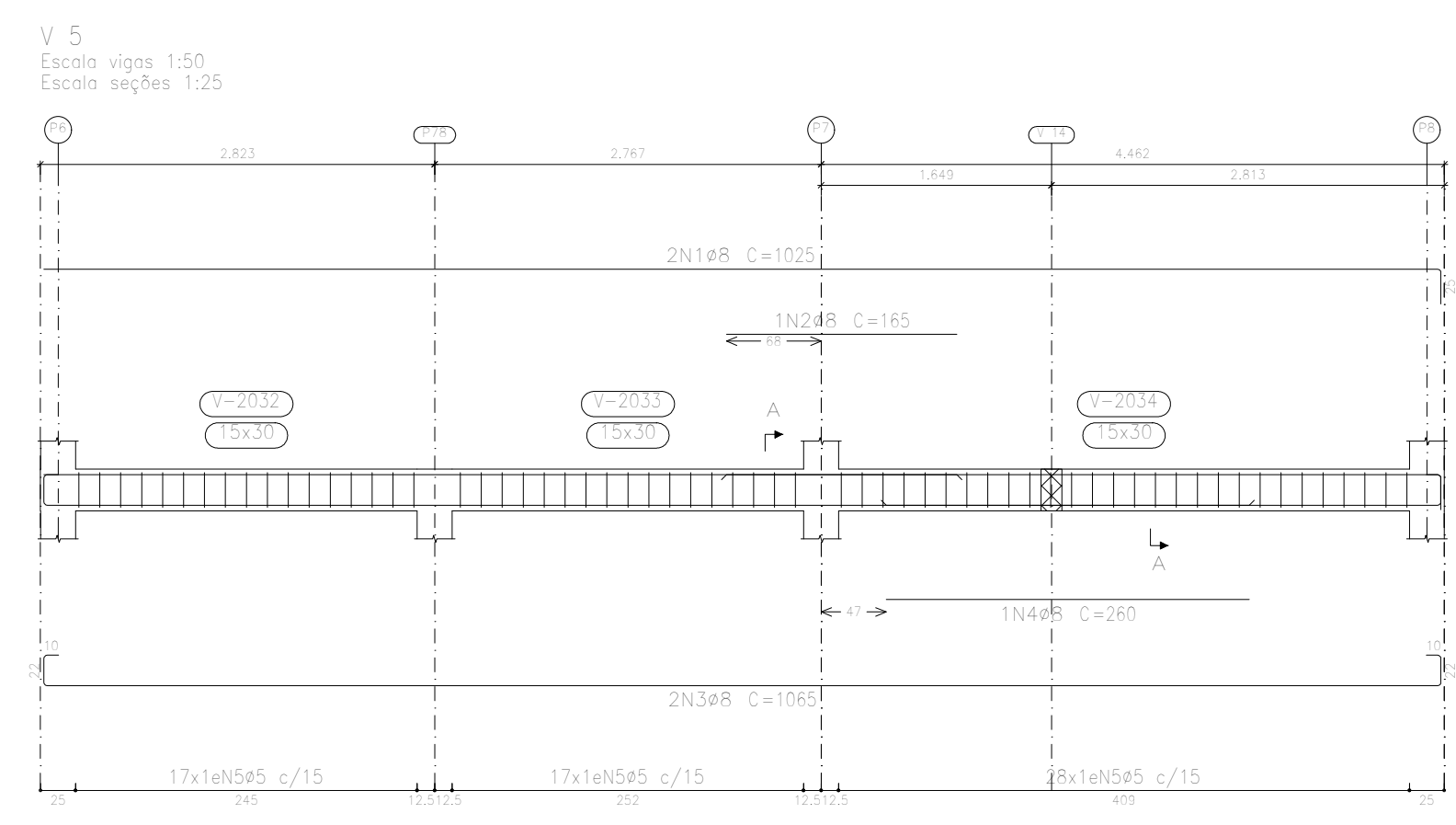
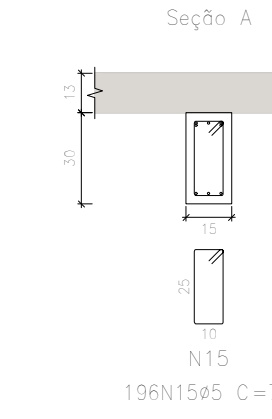
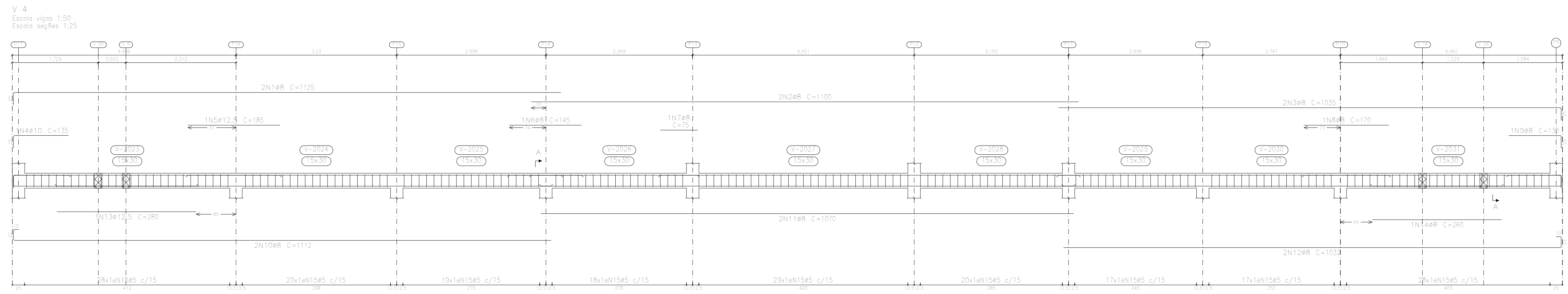
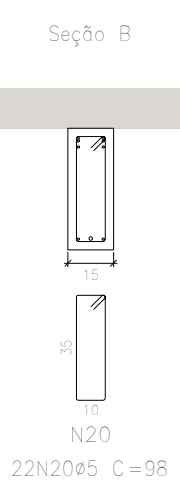
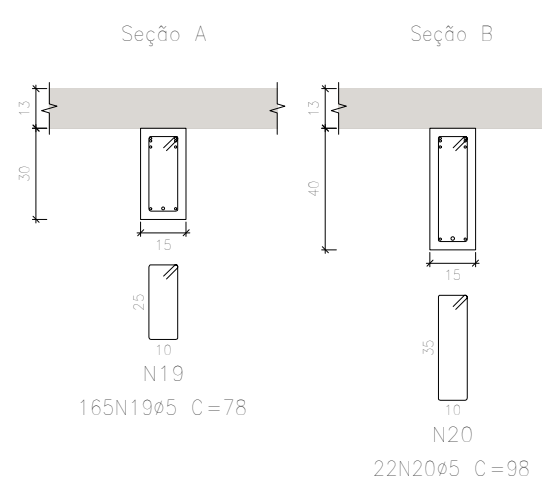
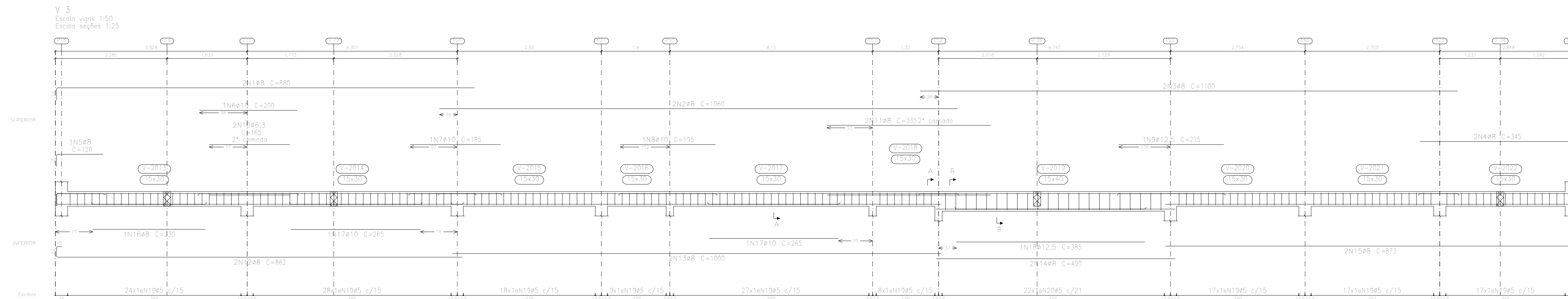
ASSUNTO: FORMAS NÍVEL: 0,20M
ESCALA: INDICADA

DATA: JUN/2023
REVISÃO: 00
ARQUIVO: PRANCHA 14/24





COBERTA Z.95
Desenho de vigas
Concreto: C30, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:25



Documento emitido digitalmente
VIGENTE DE PAULA DA SILVA COSTA
Data: 04/04/2025 14:58:00
Verifique em https://verificar.br.gov.br

SECRETARIA DA INFRAESTRUTURA

PROJETO: **PROJETO DE ESTRUTURA DE CONCRETO ARMADO**
C.S.F. BARACHO

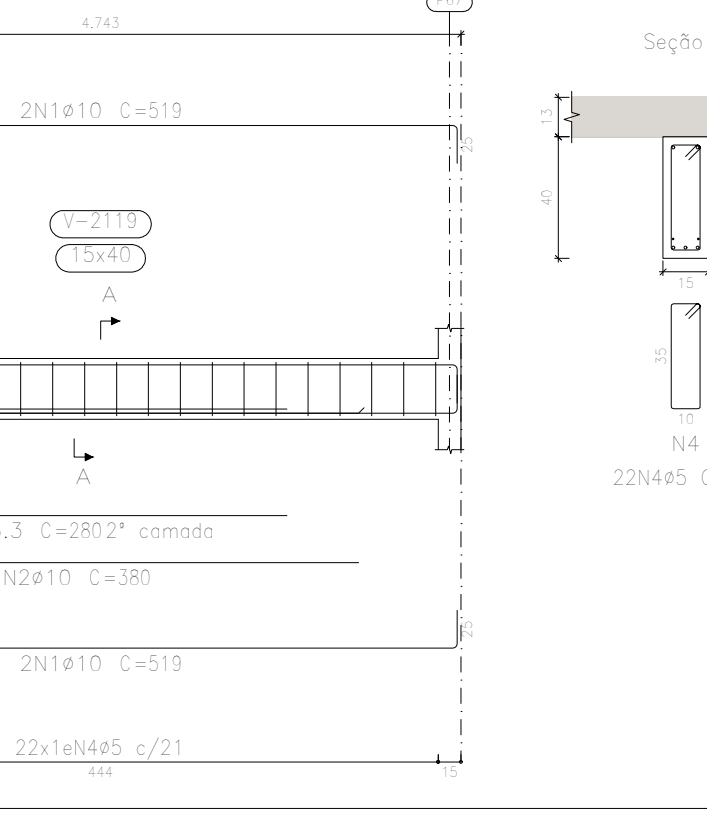
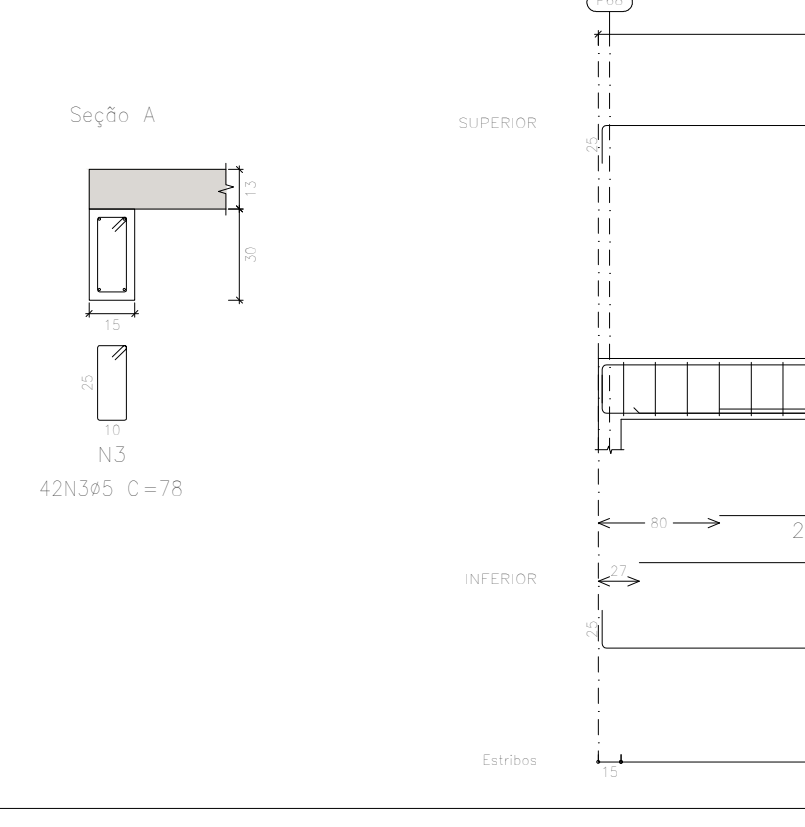
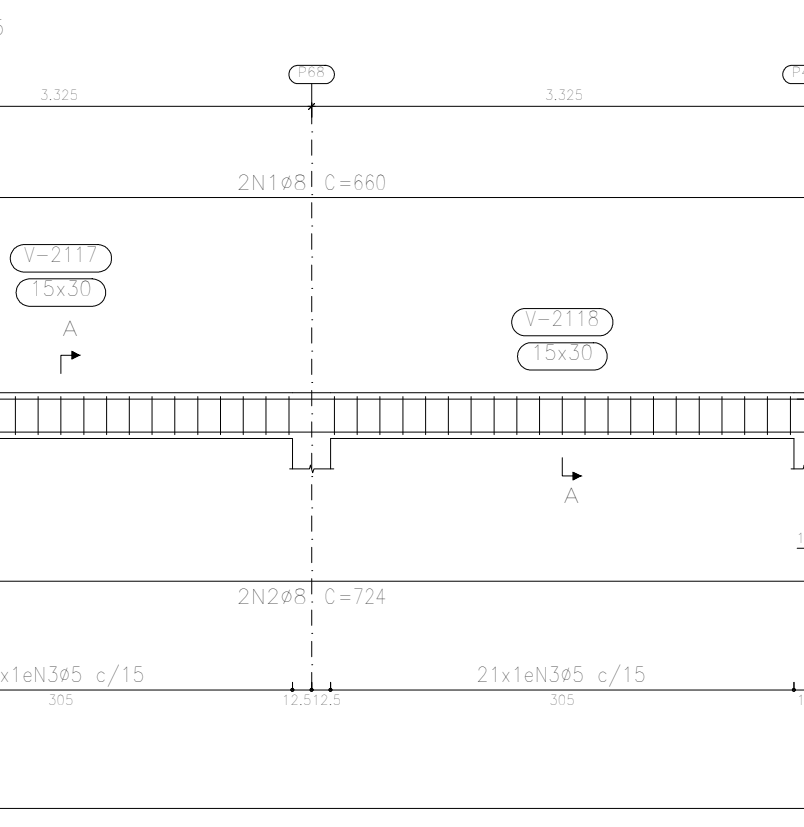
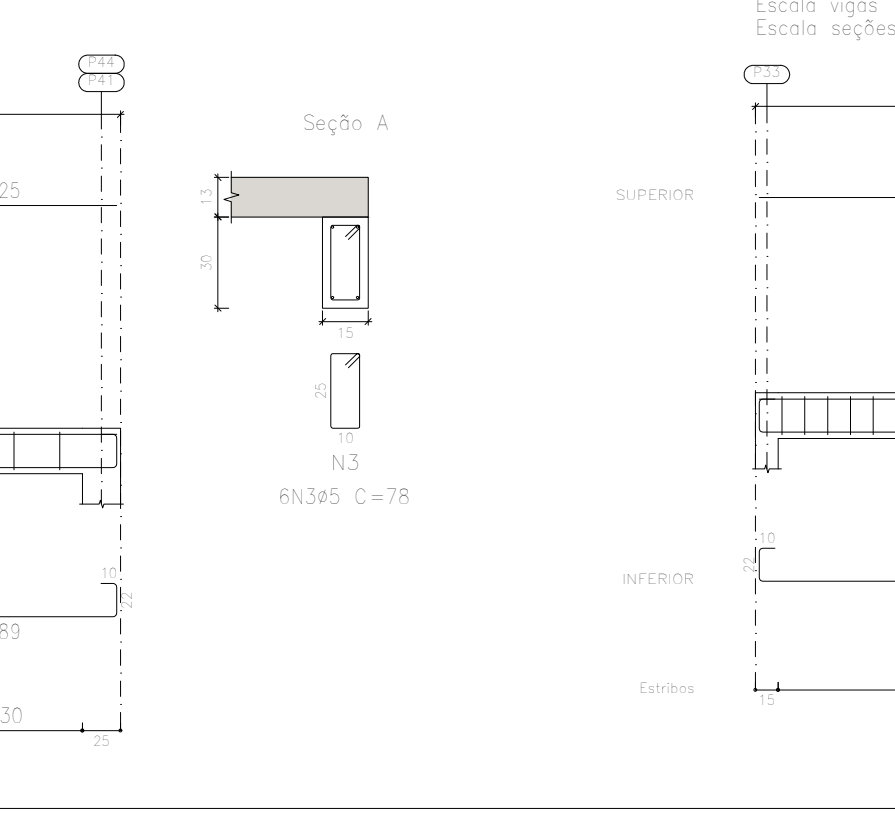
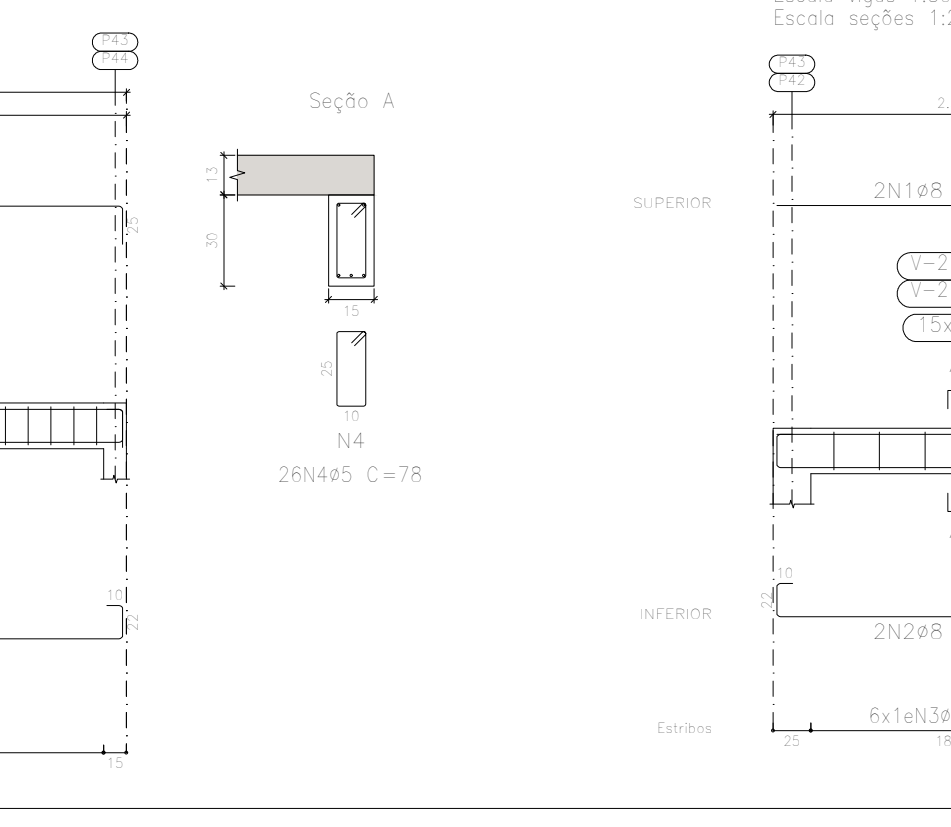
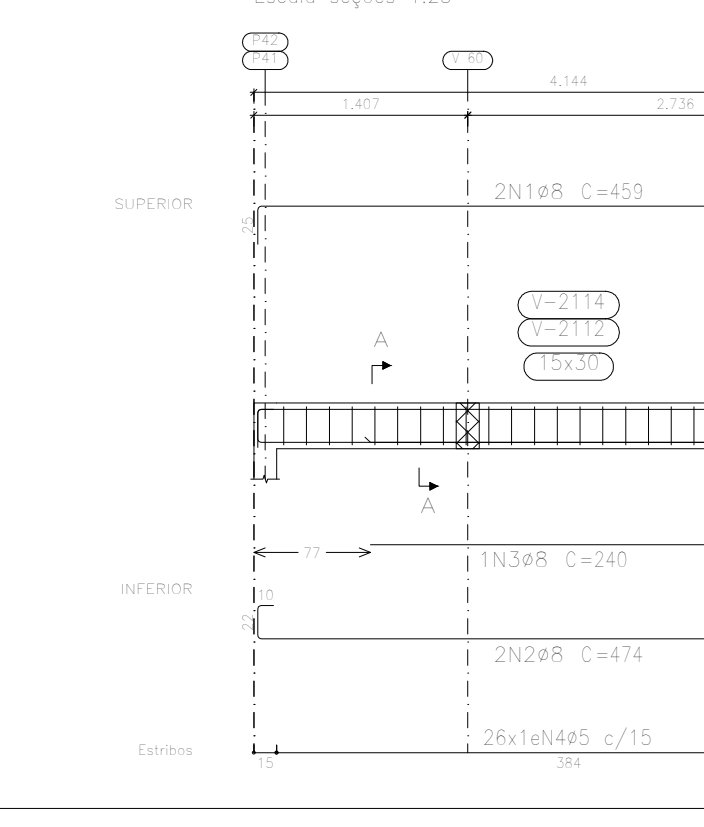
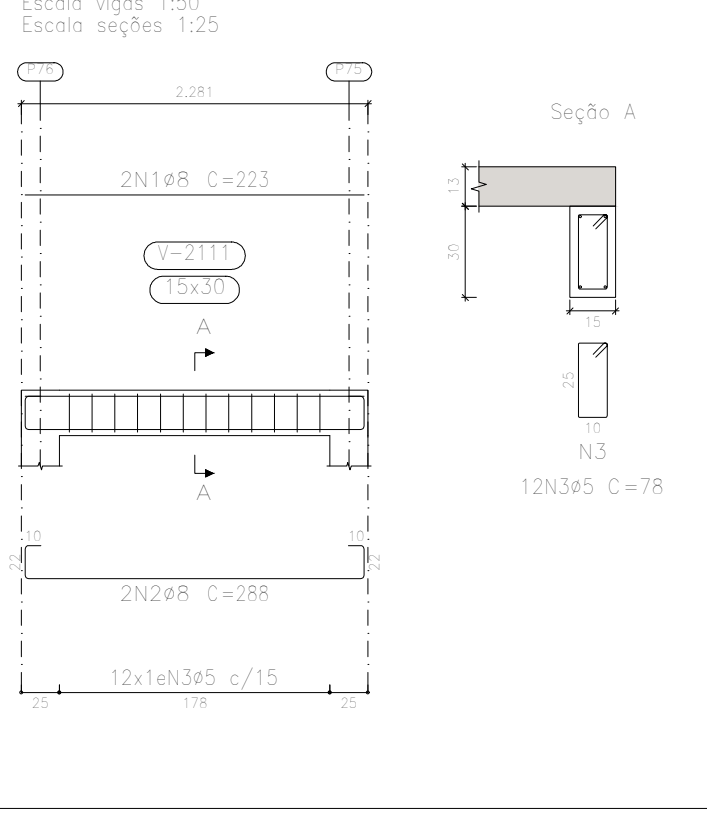
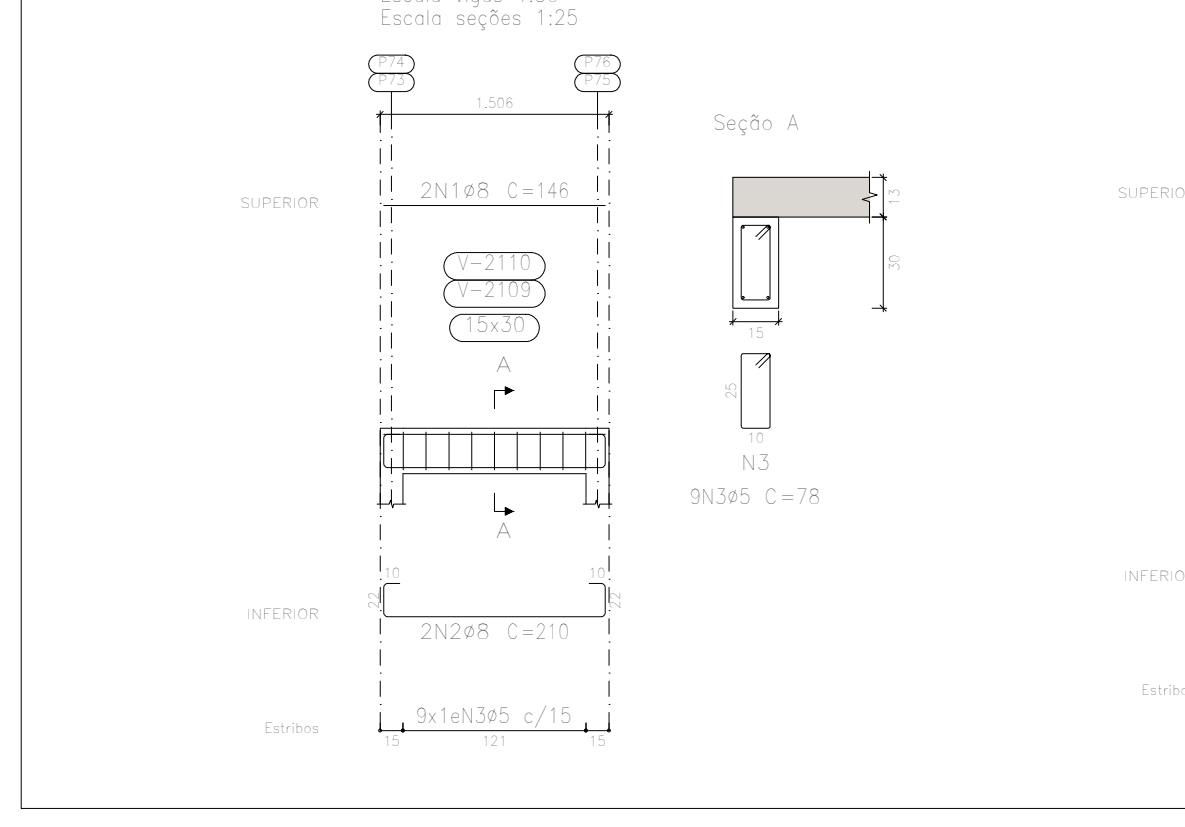
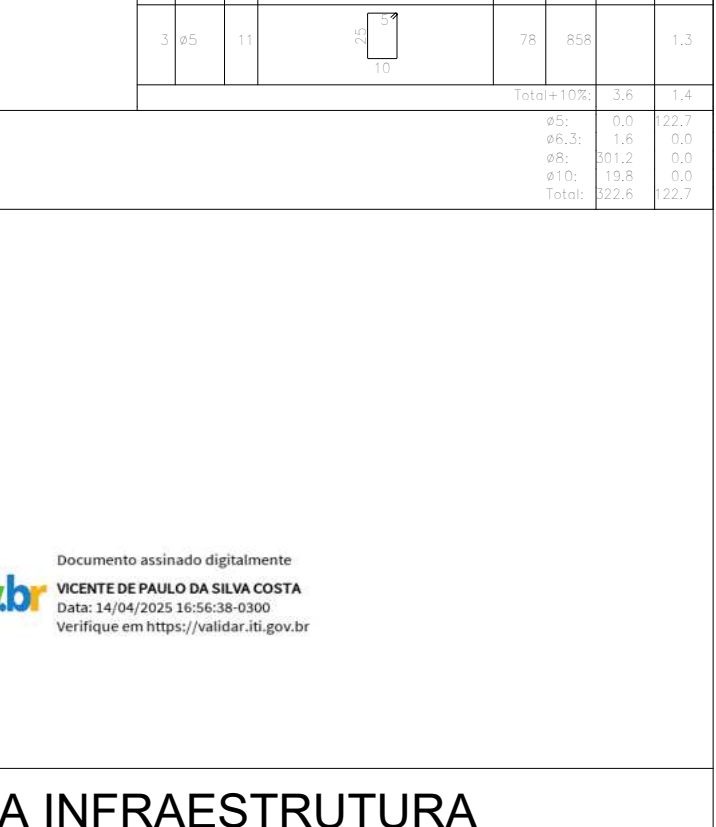
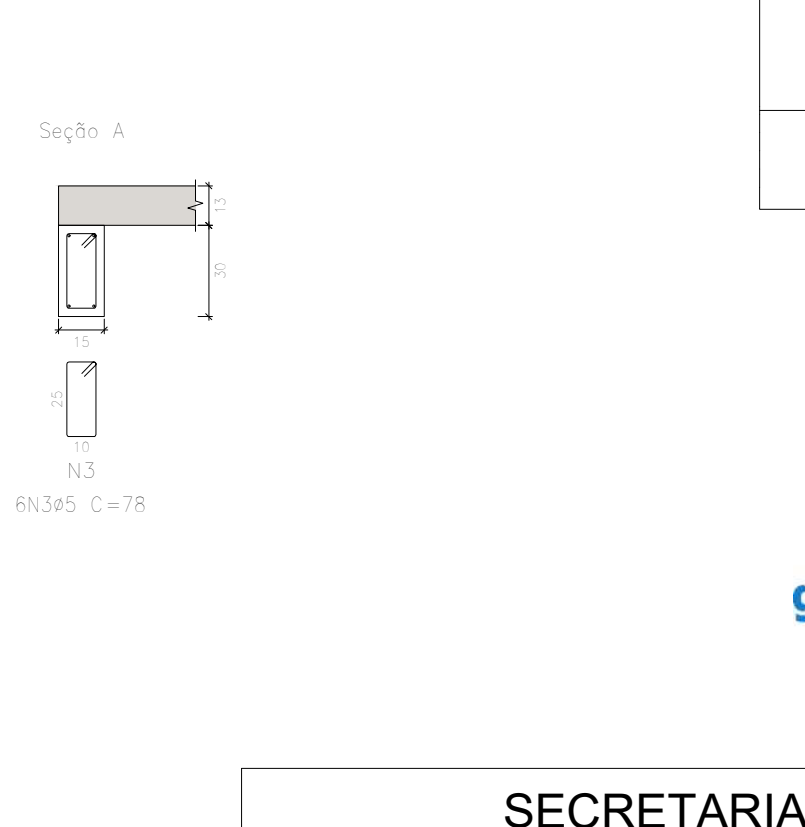
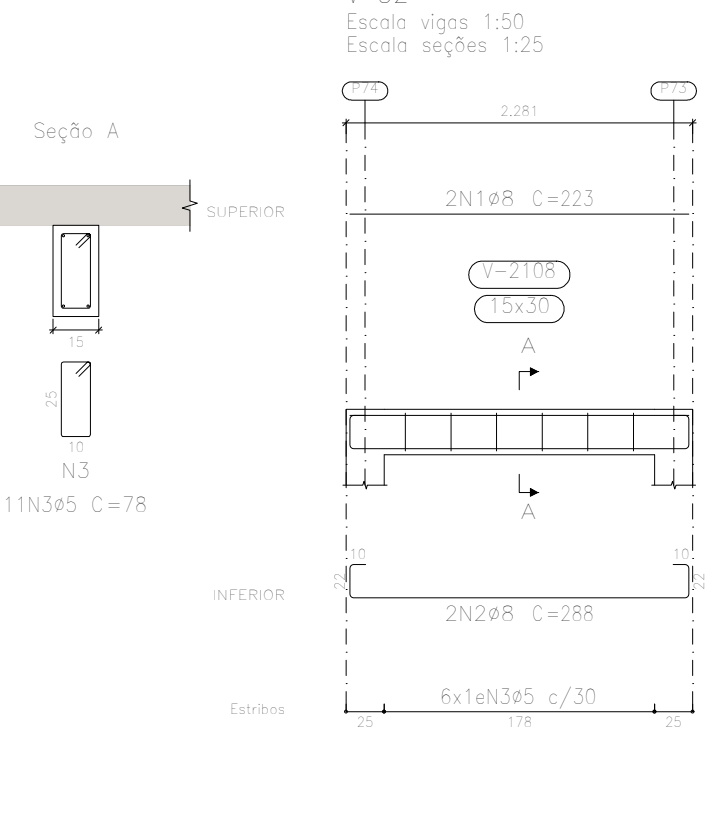
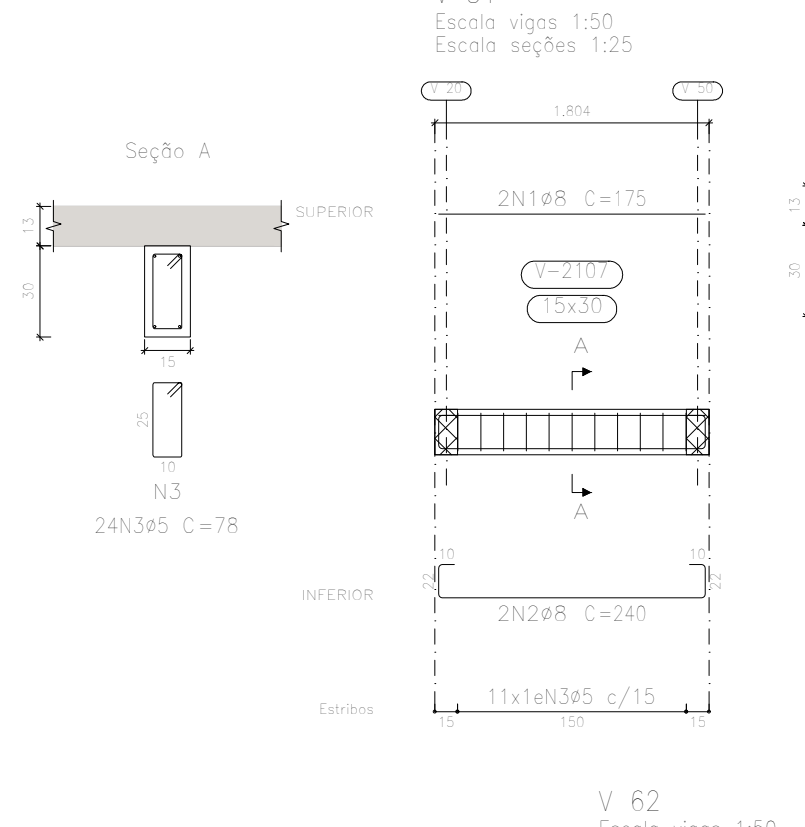
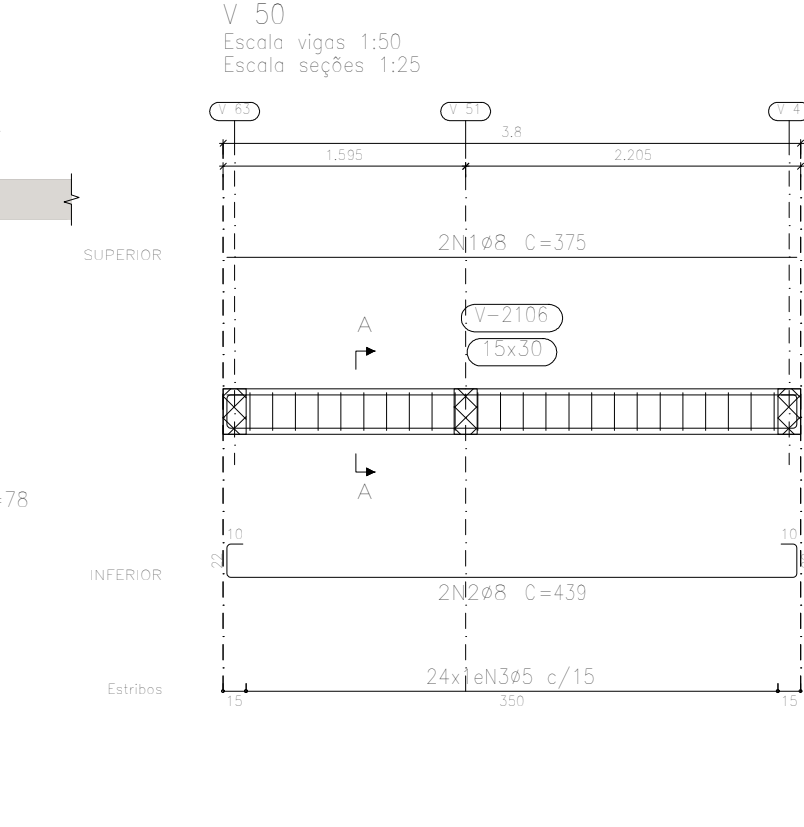
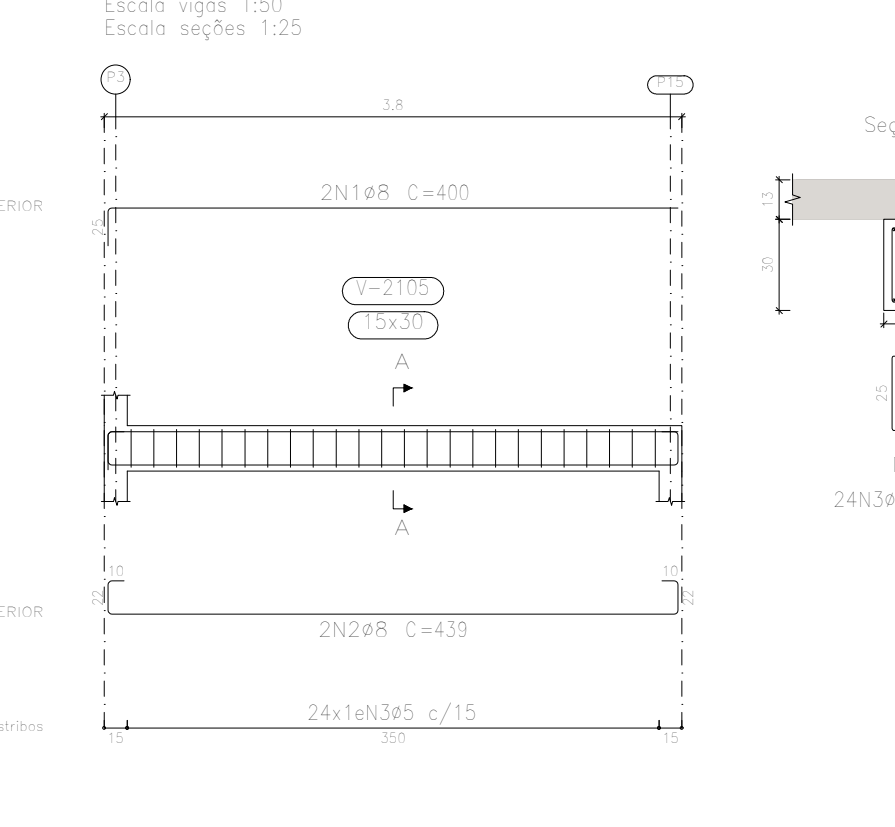
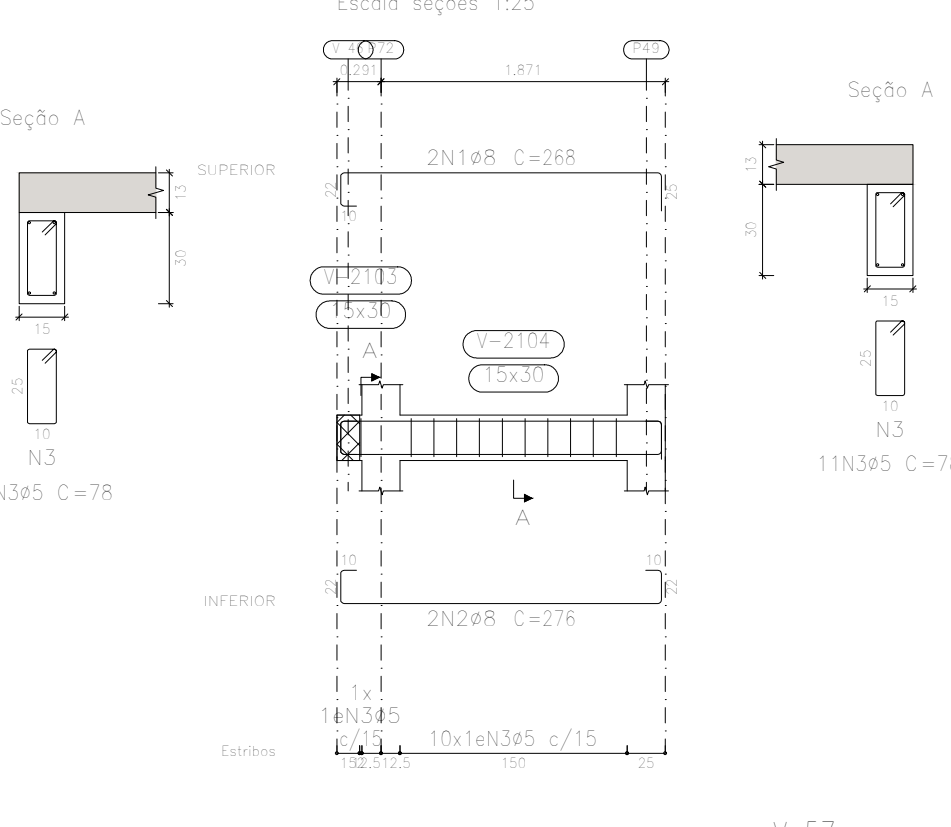
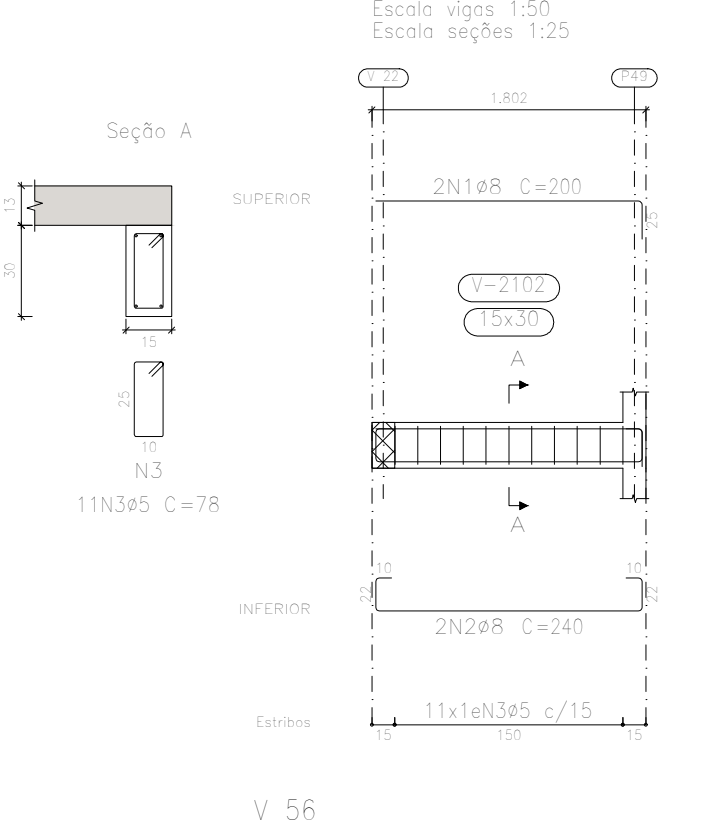
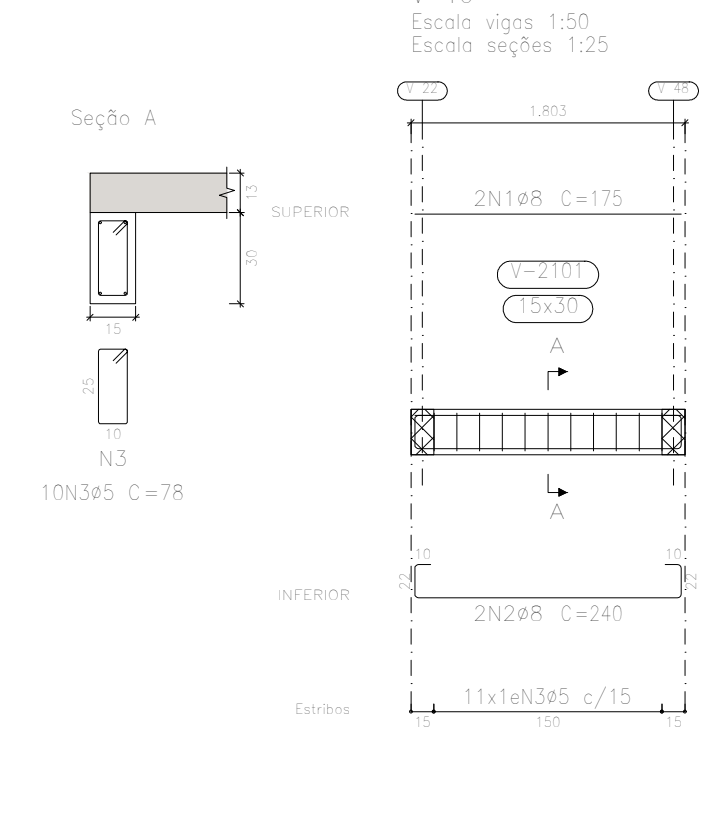
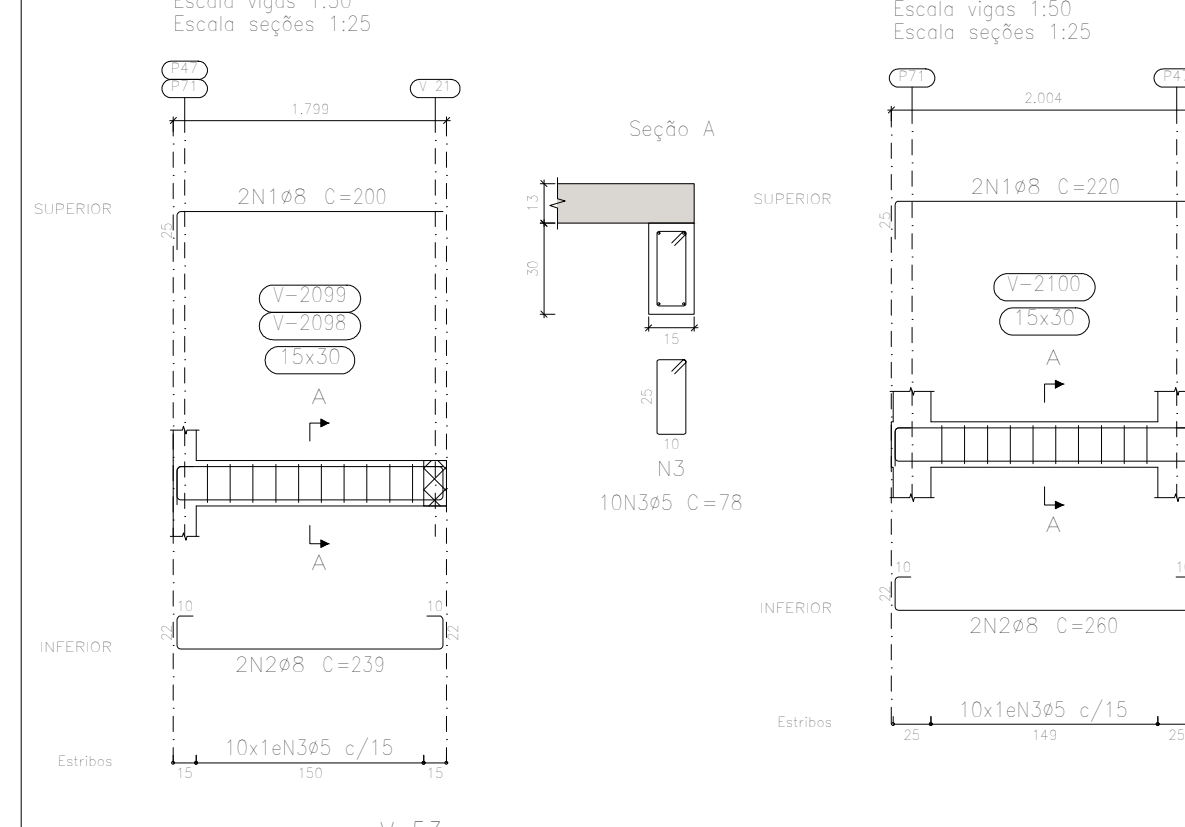
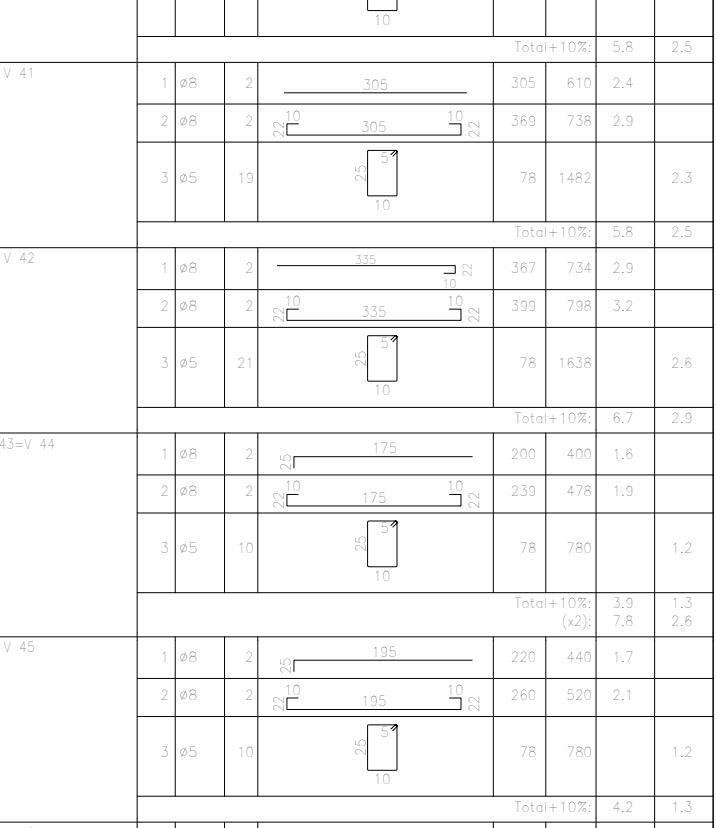
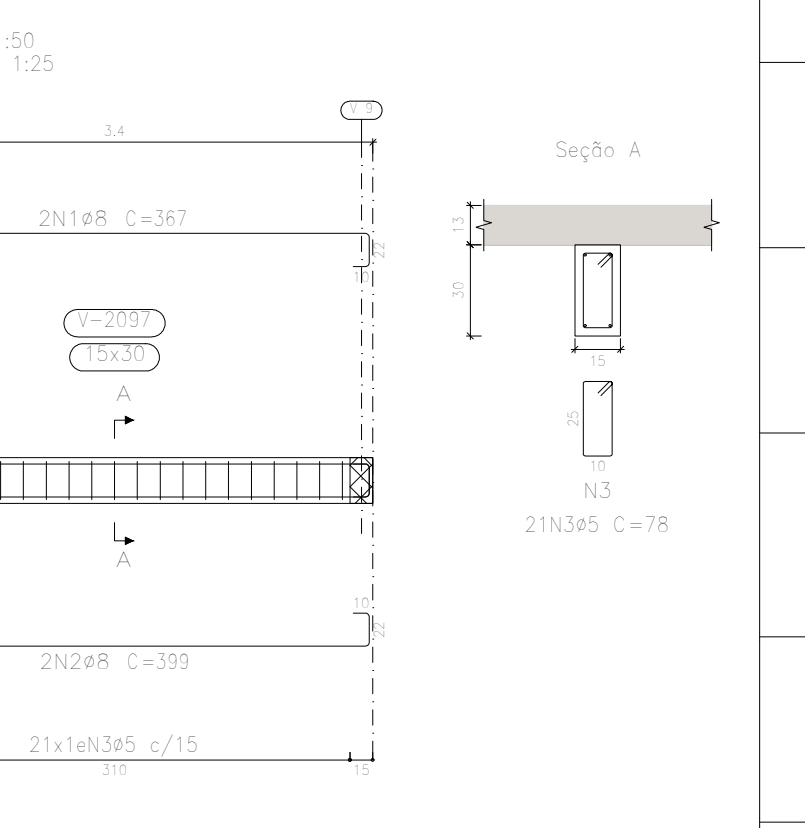
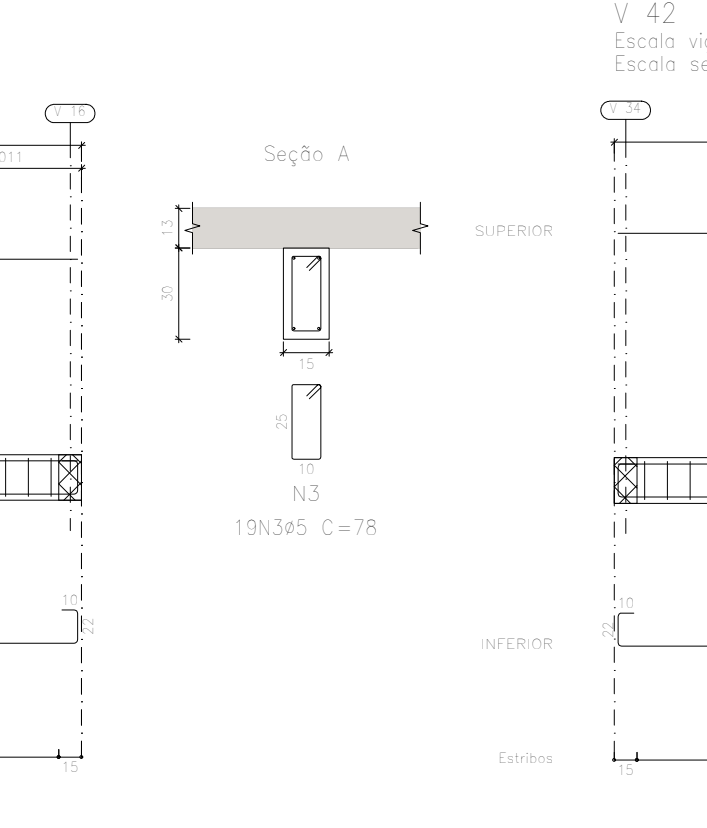
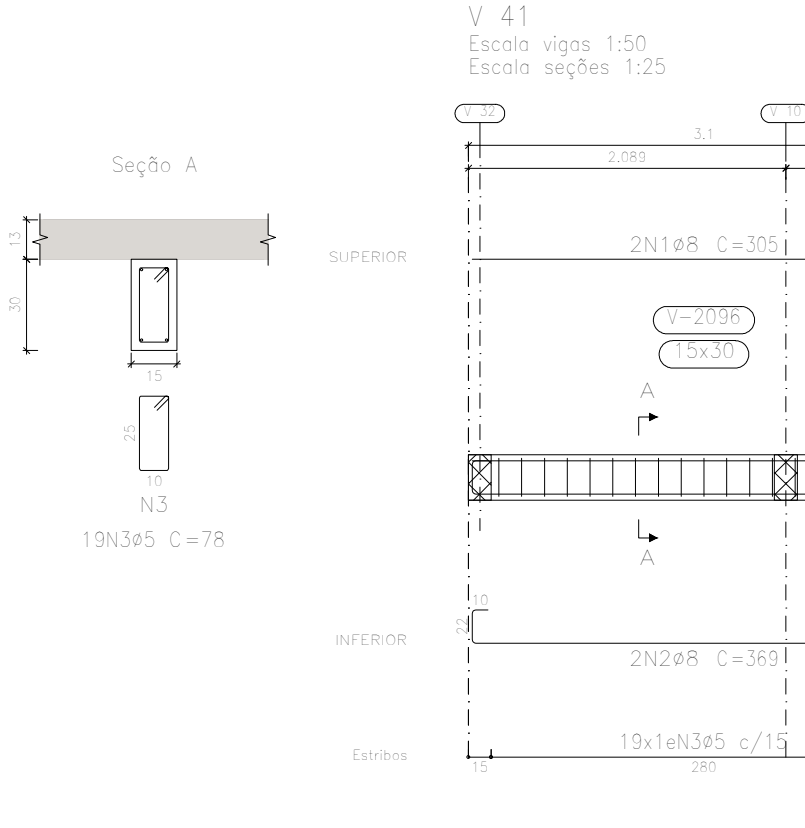
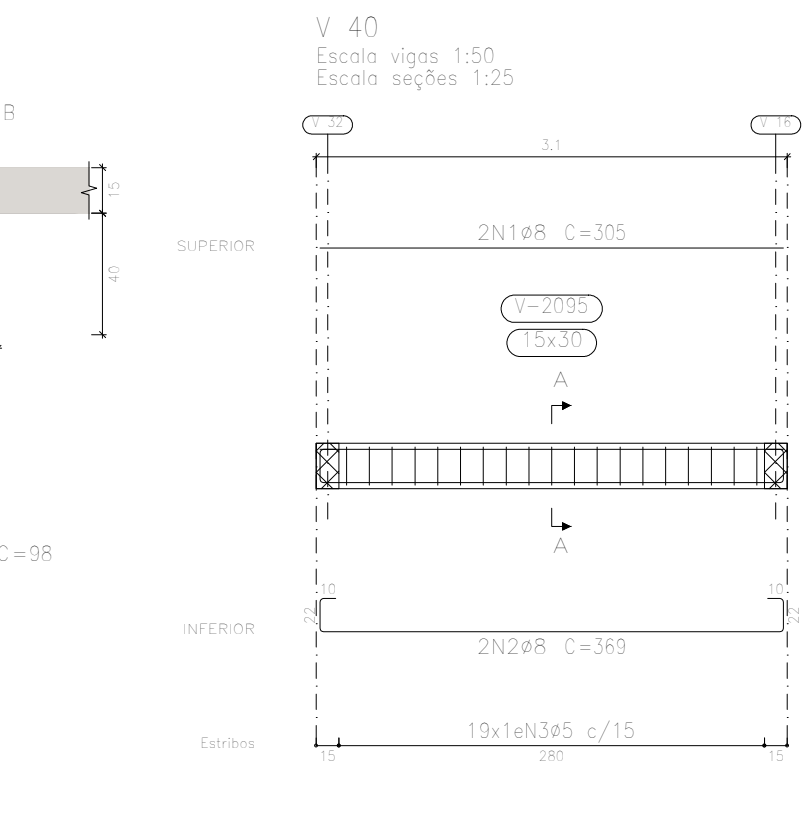
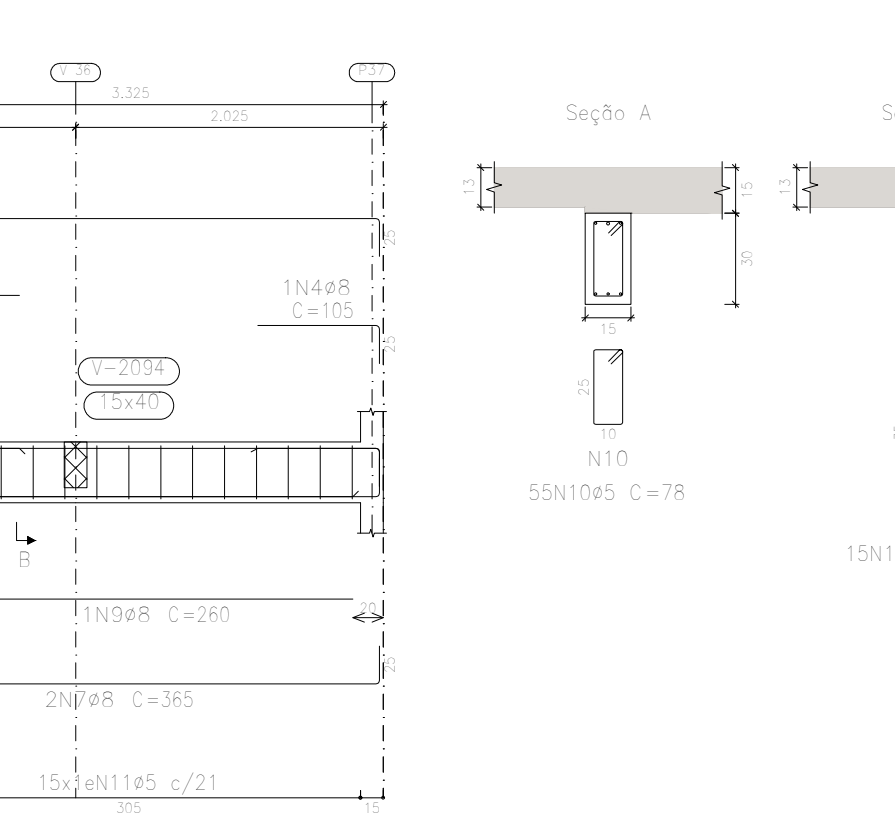
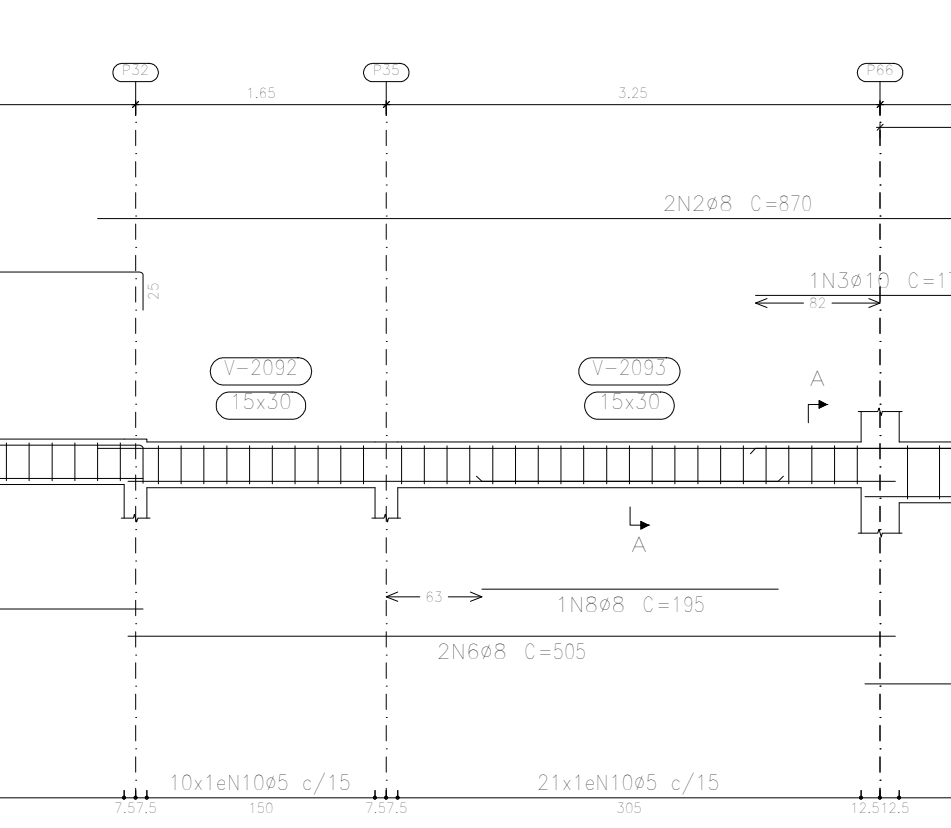
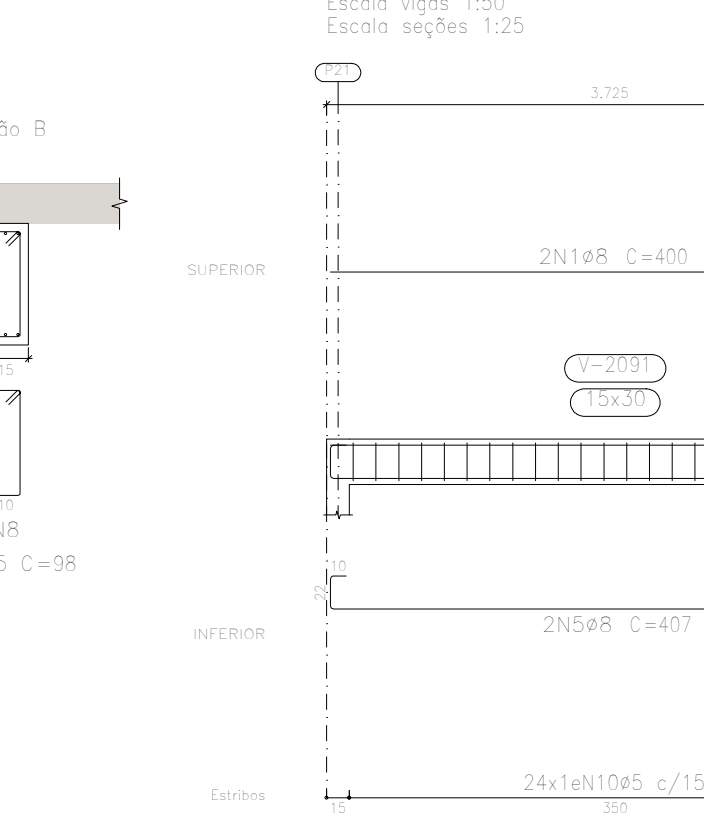
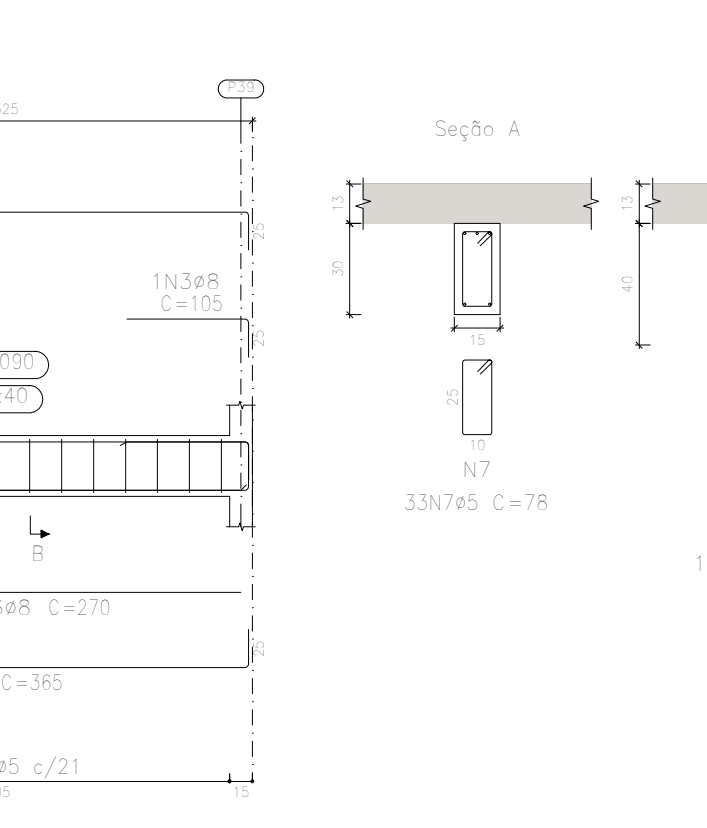
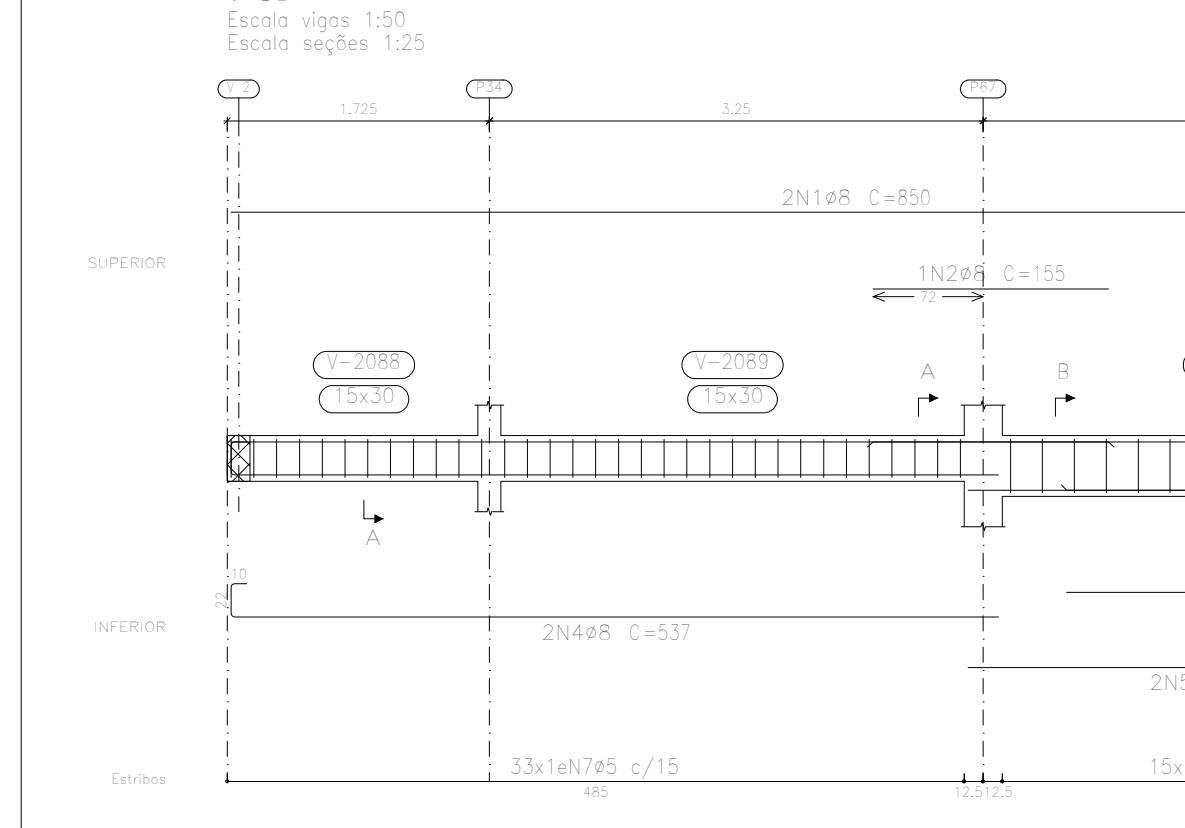
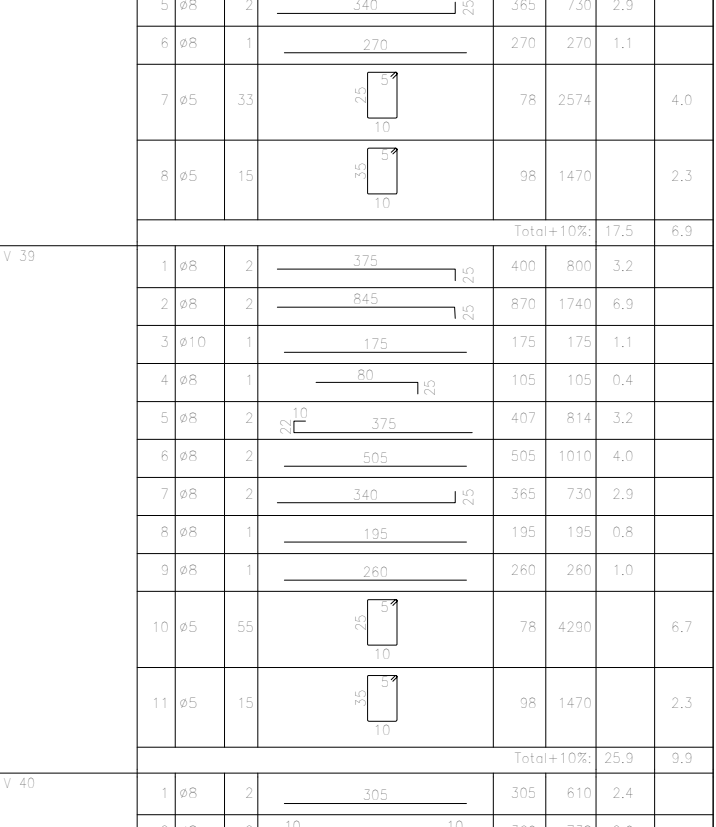
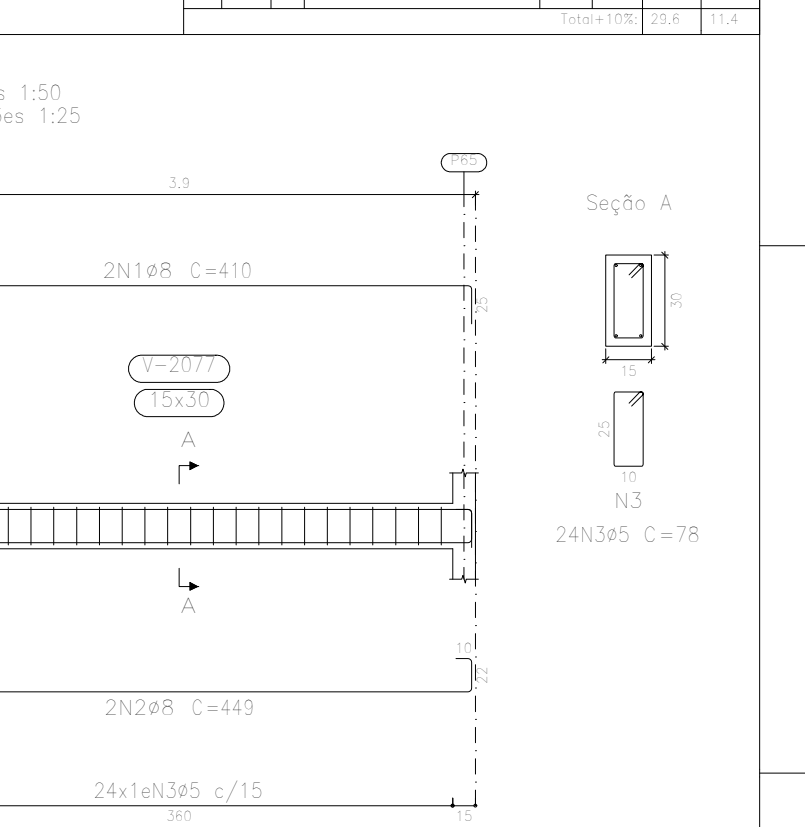
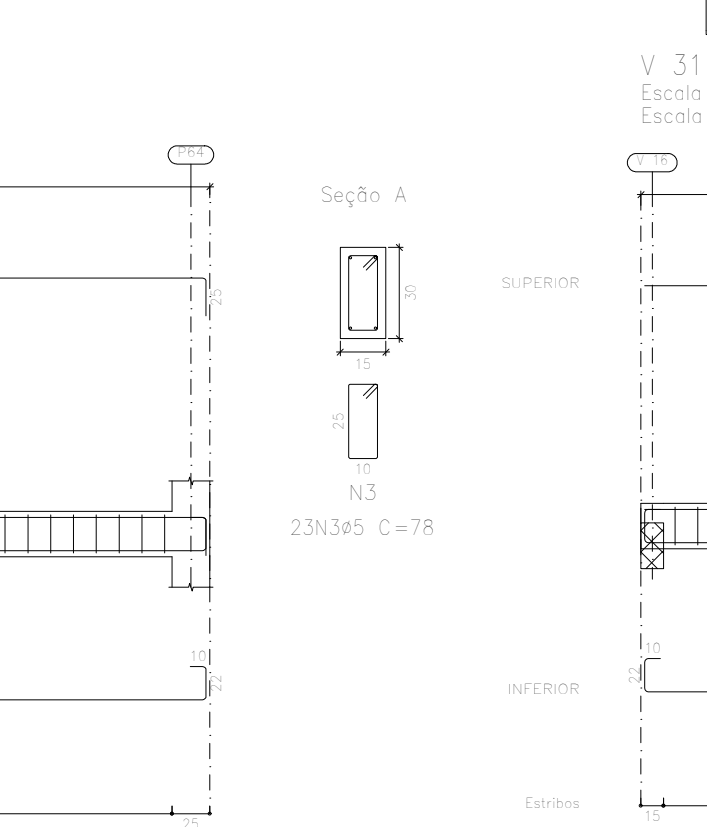
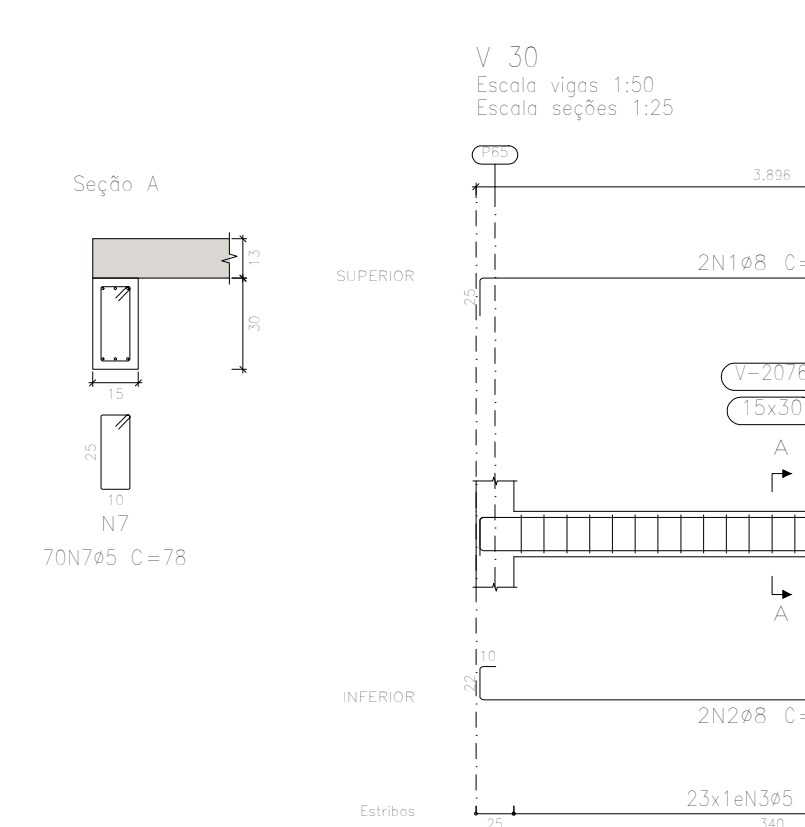
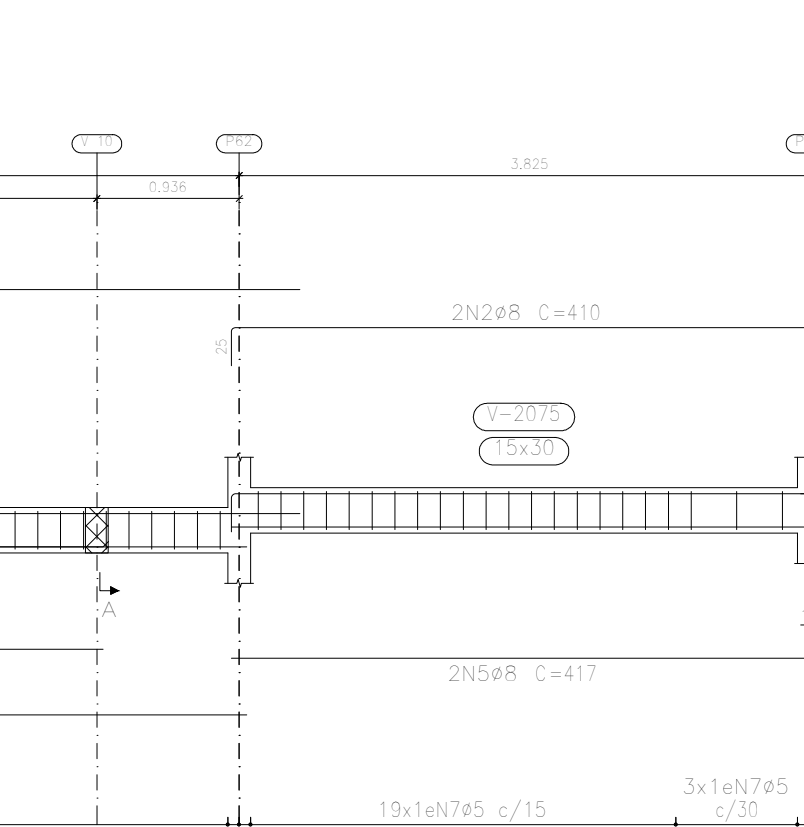
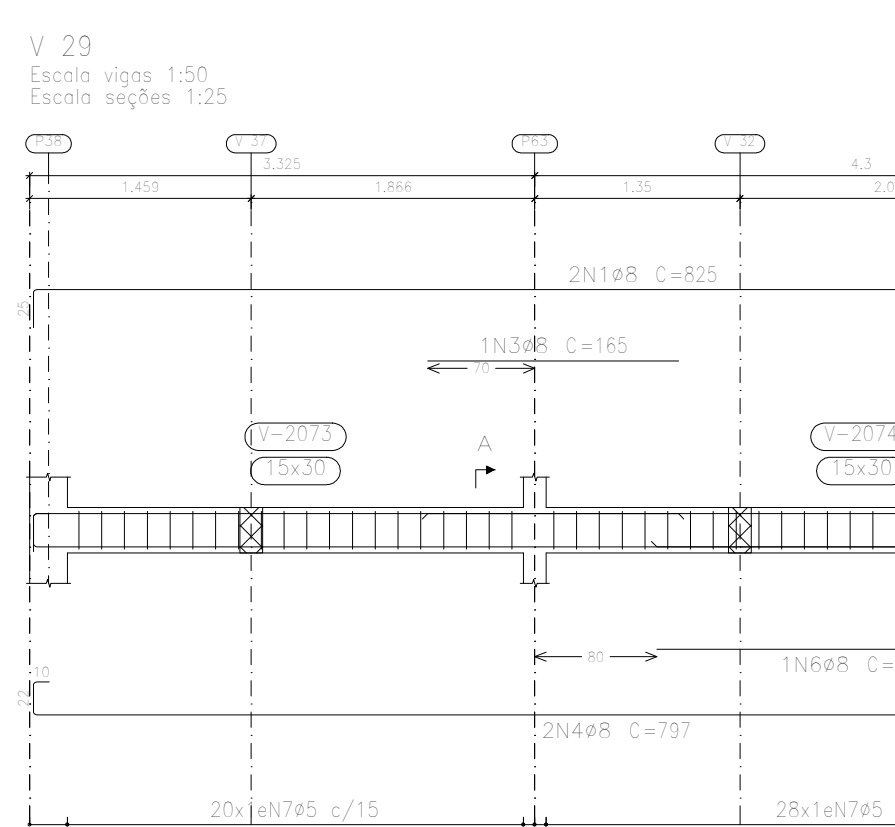
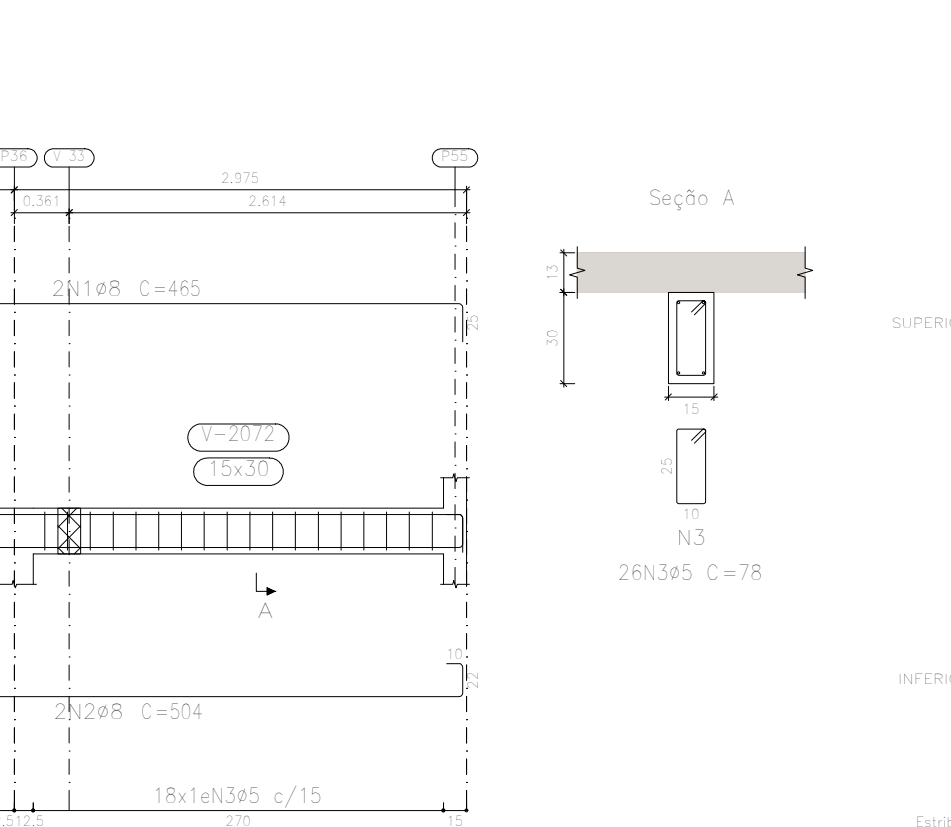
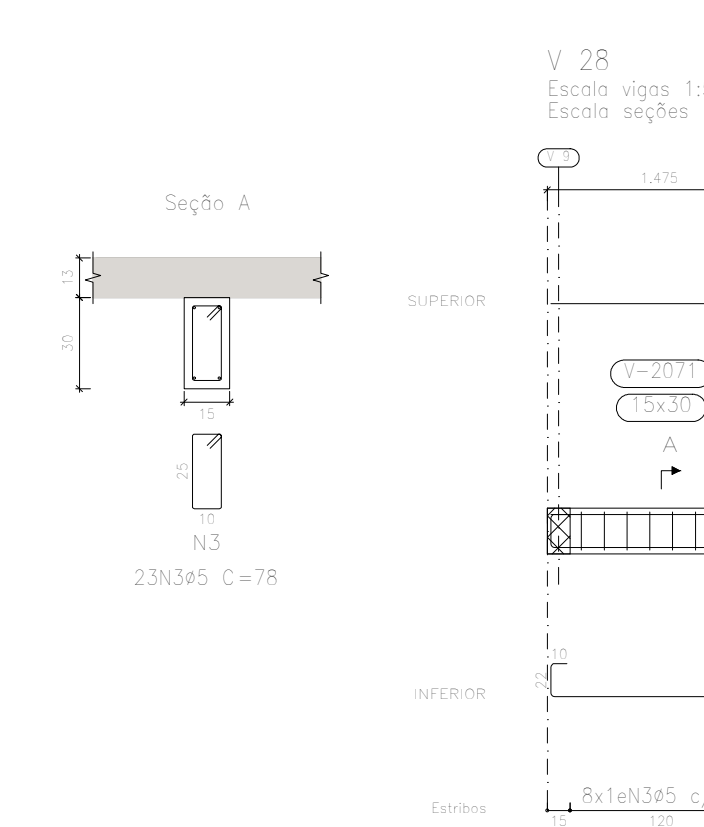
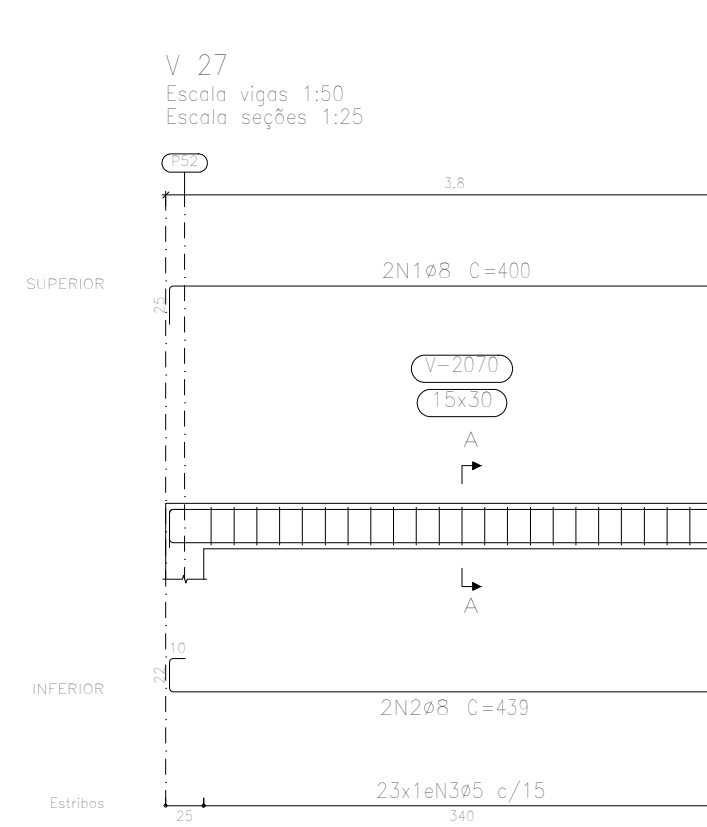
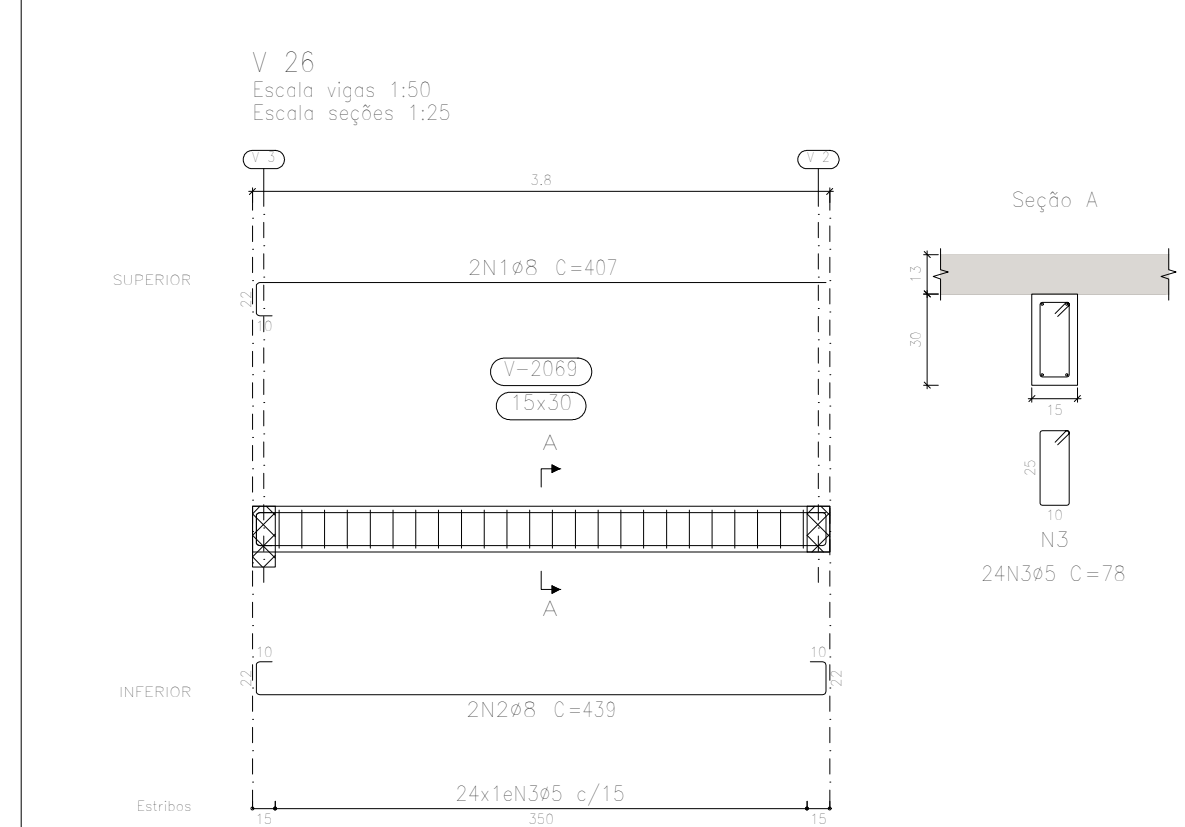
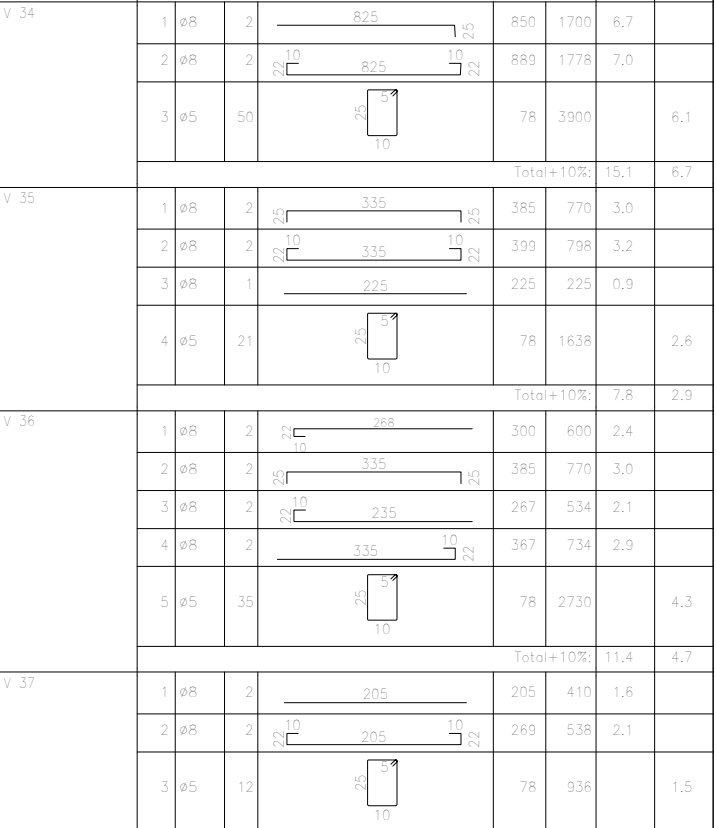
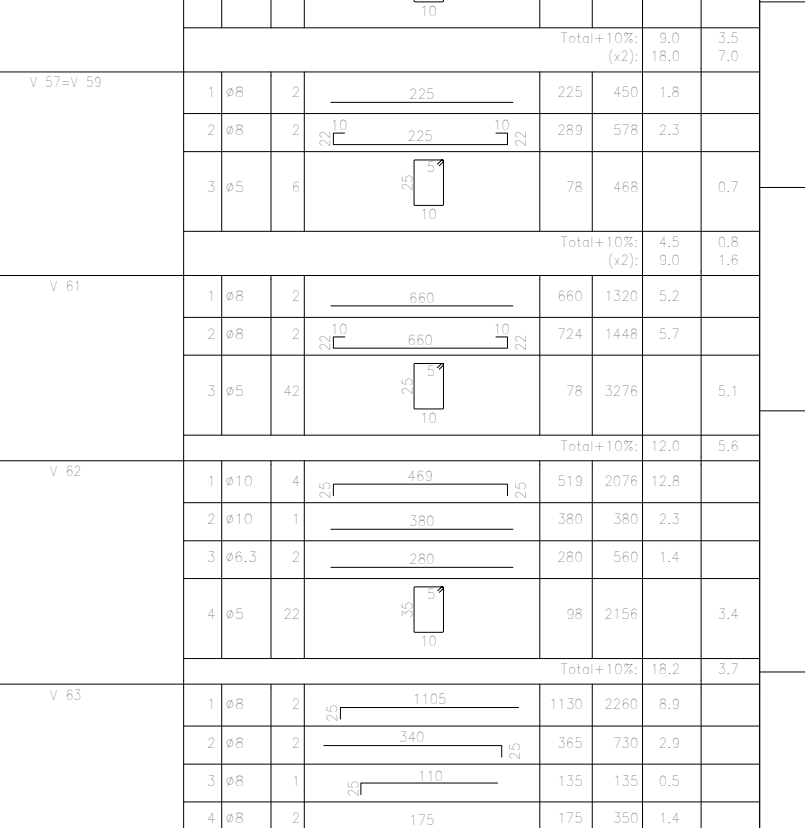
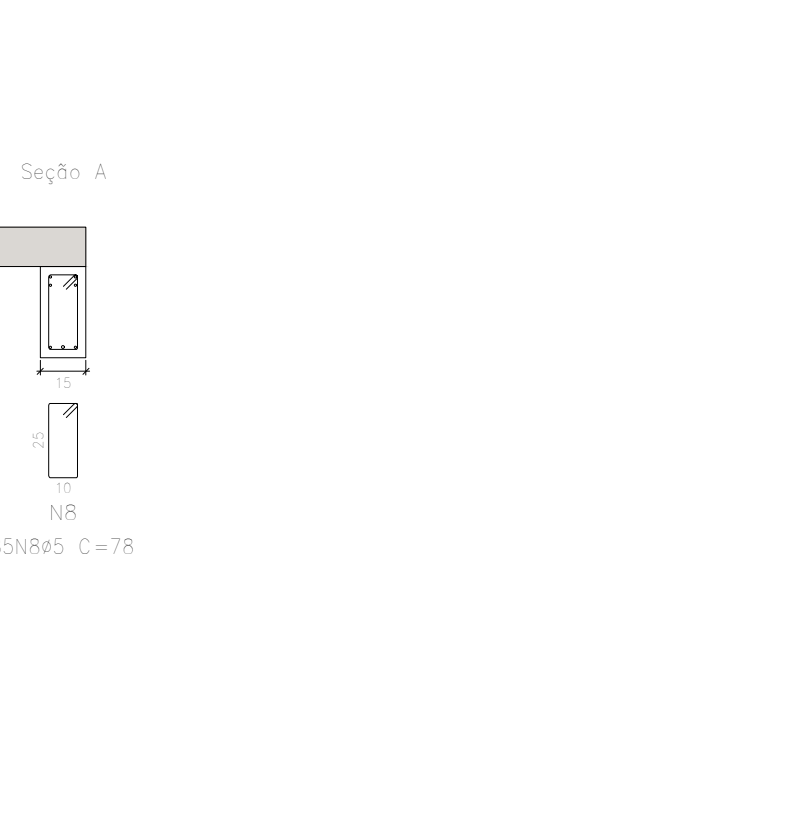
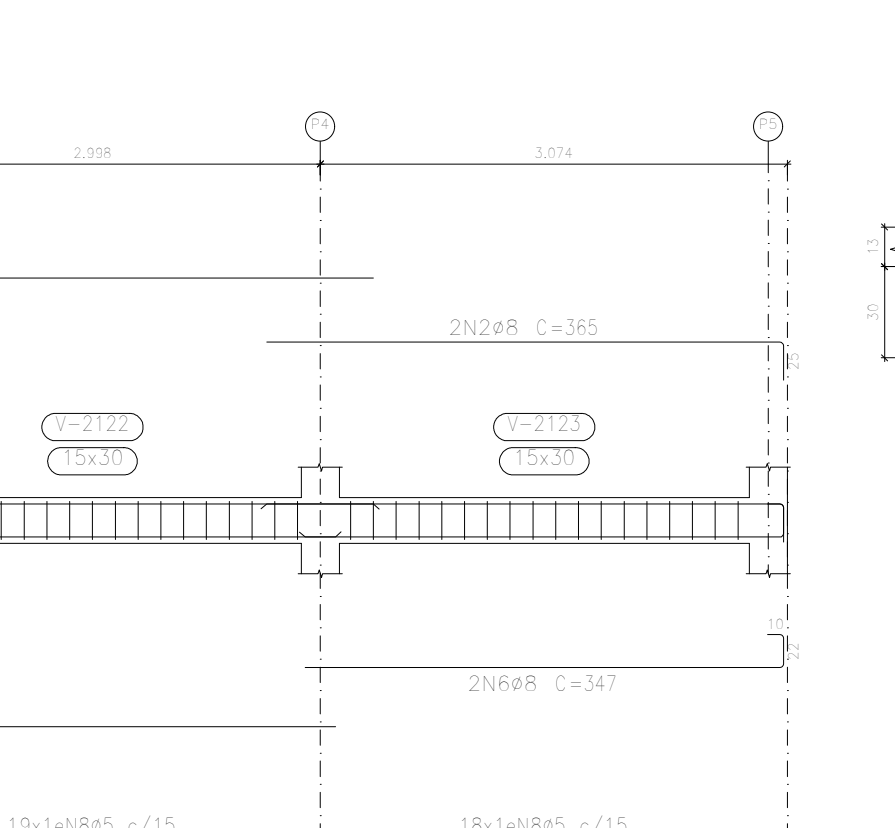
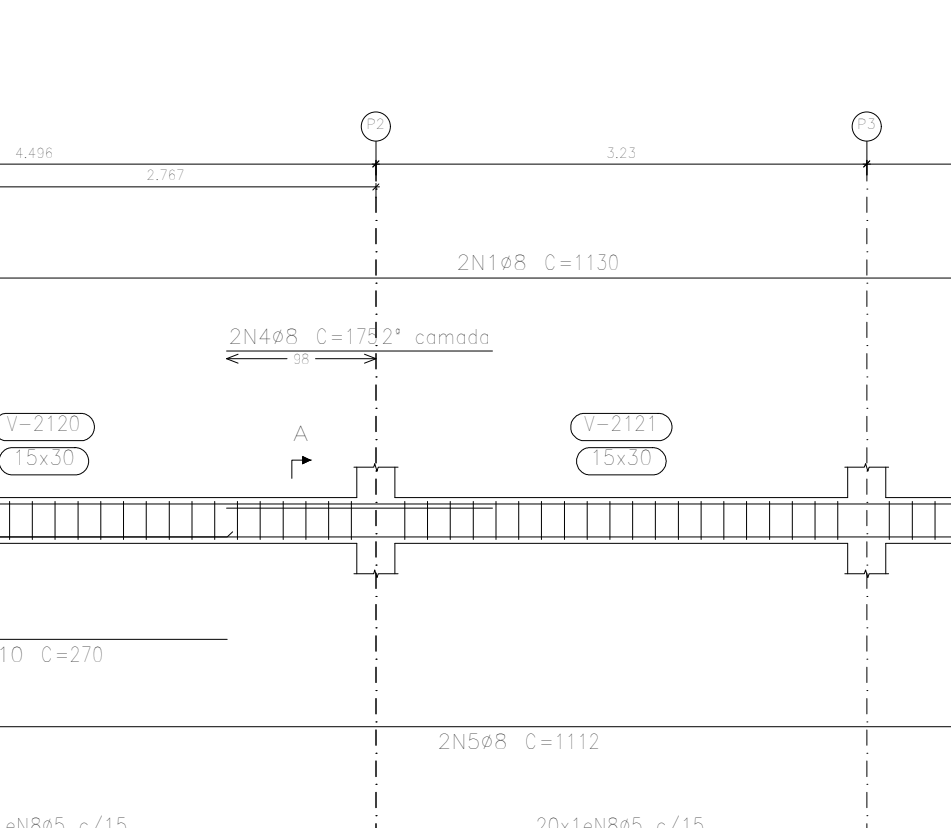
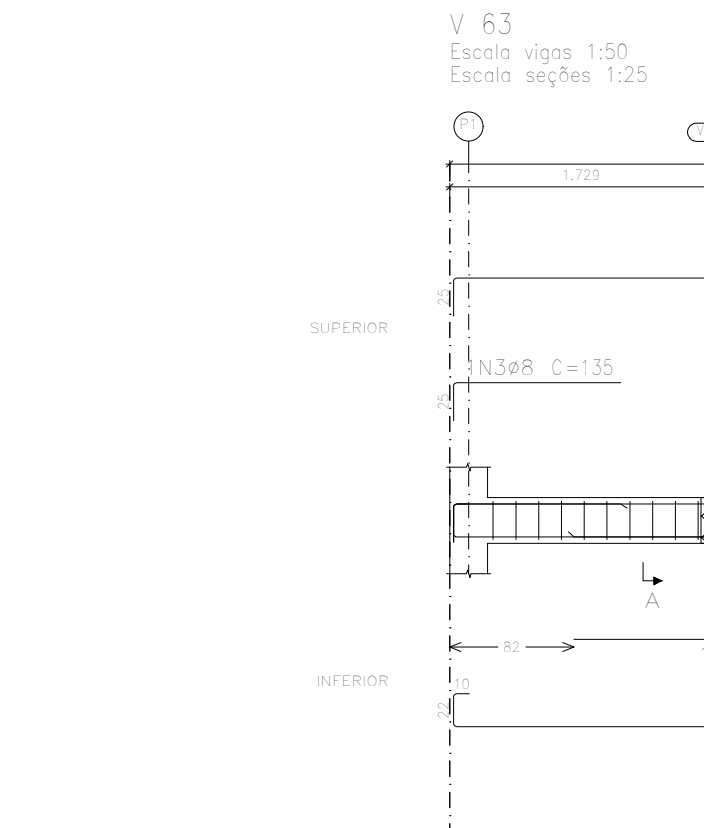
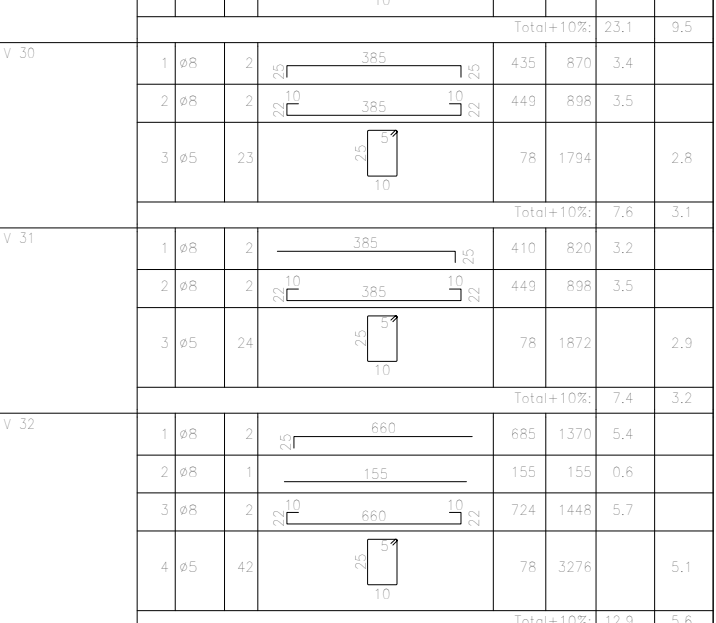
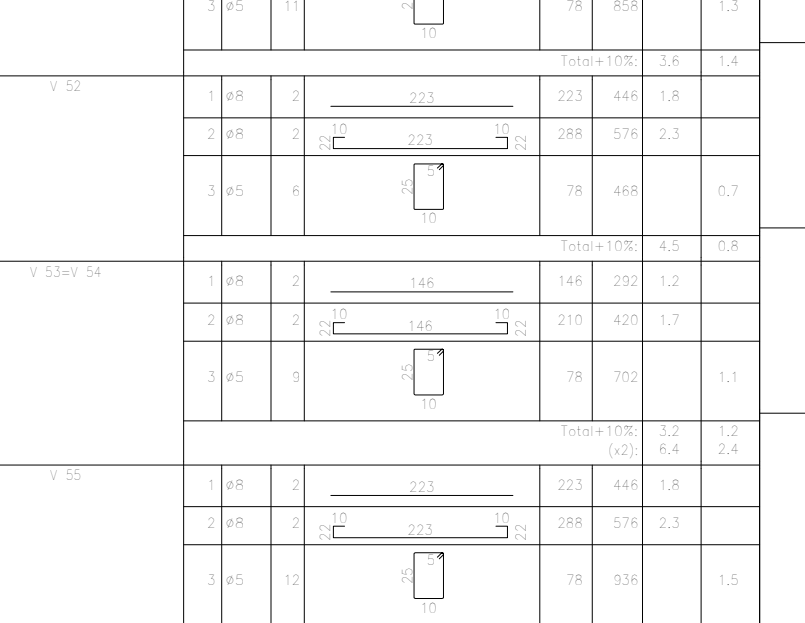
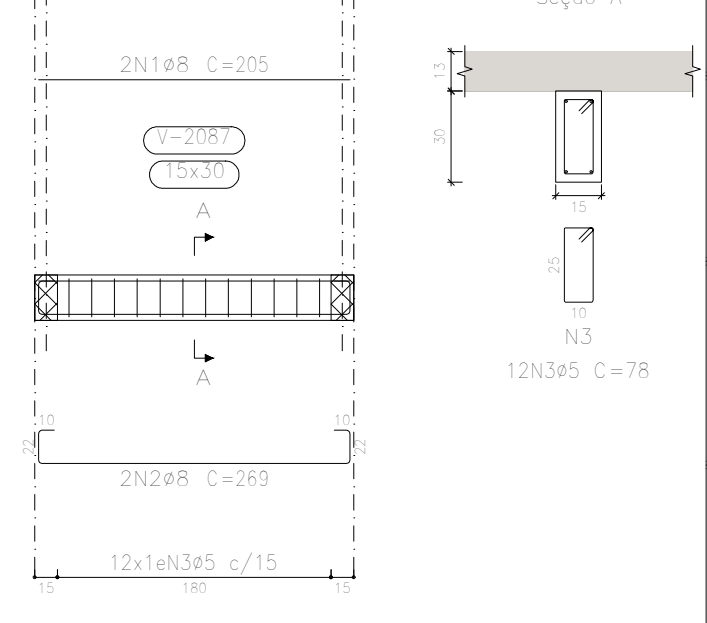
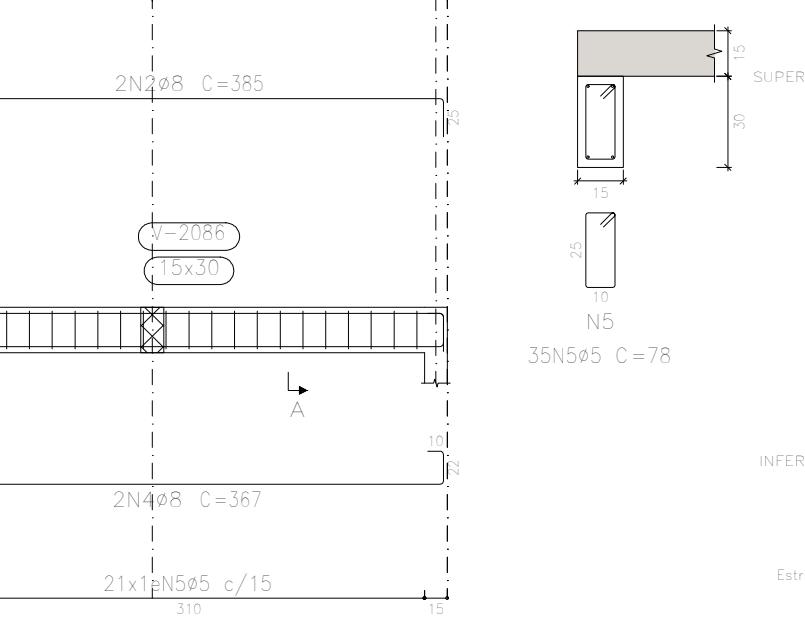
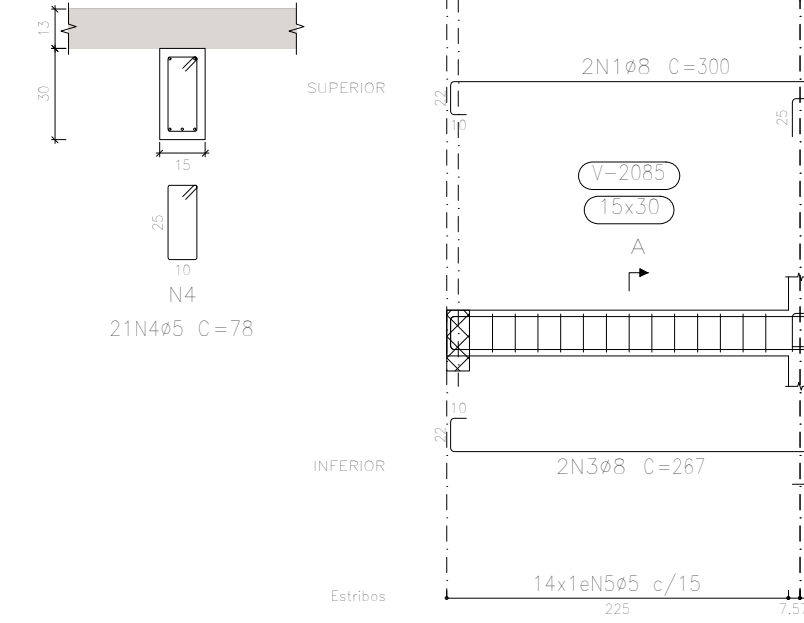
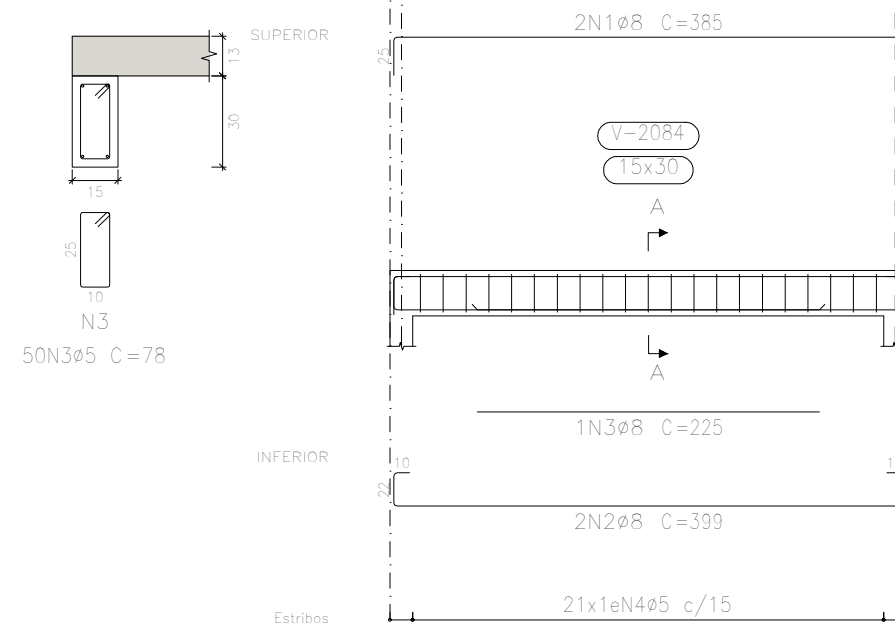
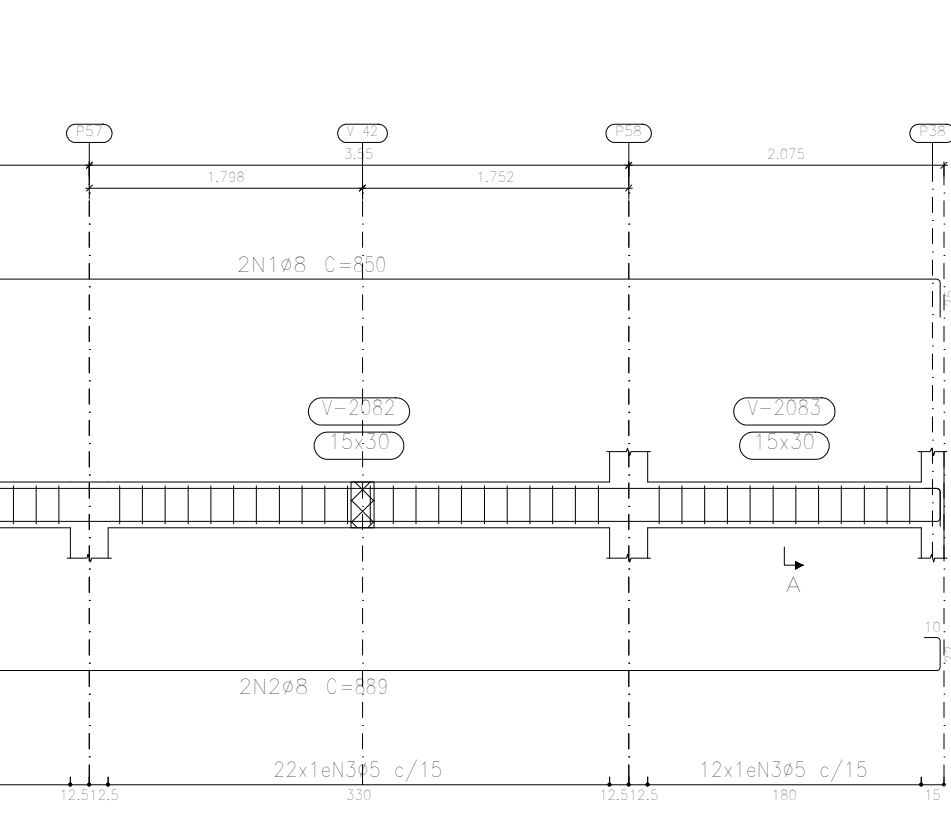
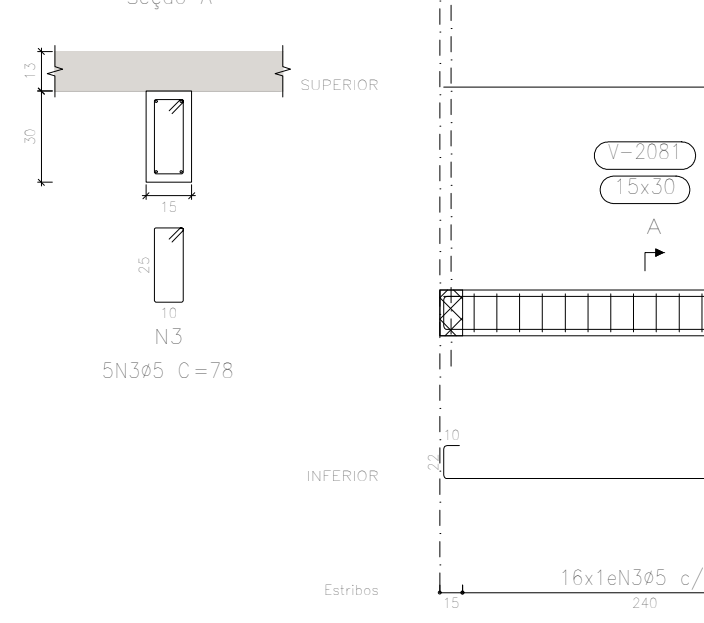
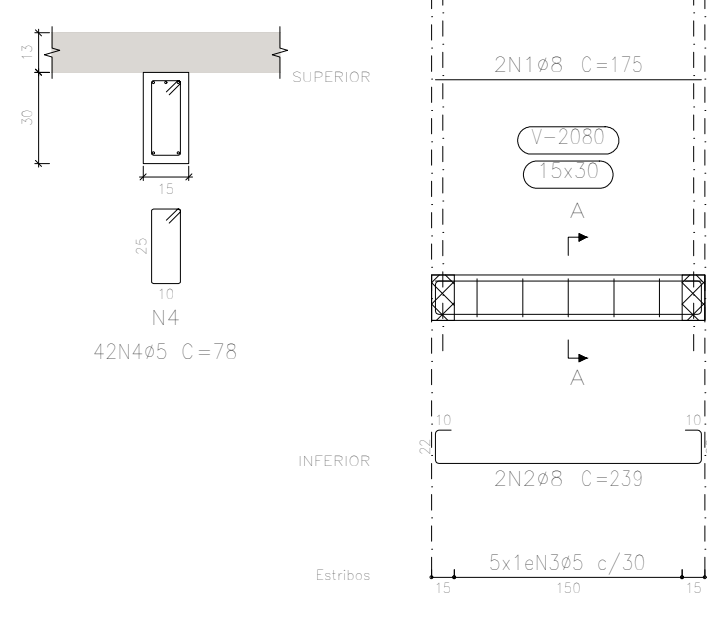
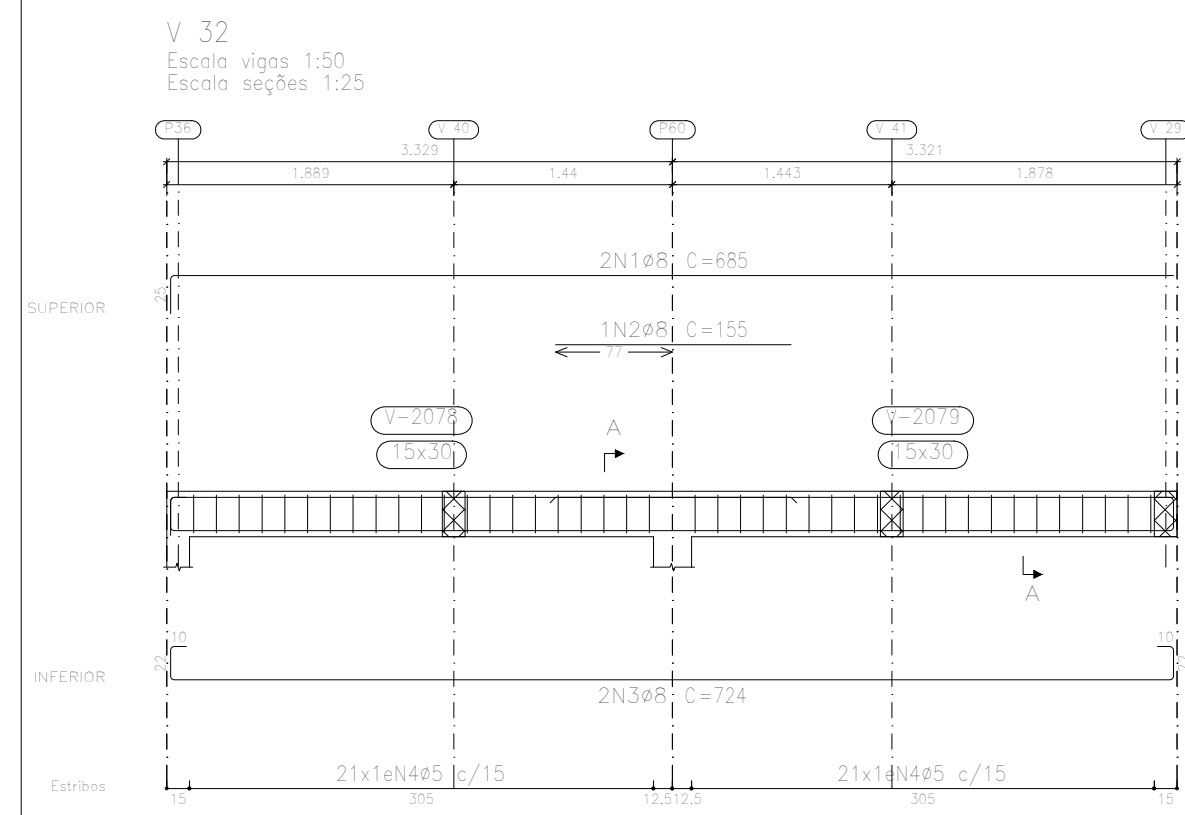
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ENDEREÇO:
MUNICÍPIO: **SOBRAL**

ASSUNTO: **FORMAS NÍVEL: 2.95M**
ESCALA: **INDICADA**

DATA: **JUN/2023**
REVISO: **00**
ARQUIVO:
PRANCHA: **16/24**

FOLHA:
261

CONEXÃO 2.05
Desenho de vigas
Concreto: C30, em geral
Aço das barras: CA-50 e CA-60
Escala vigas: 1:50
Escala seções: 1:25
Escala aberturas: 1:25



SECRETARIA DA INFRAESTRUTURA

PROJETO: PROJETO DE ESTRUTURA DE CONCRETO ARMADO
C.S.F. BARACHO

INTERESSADO:
PREFEITURA DE SOBRAL
ENDEREÇO:
MUNICÍPIO:
SOBRAL

 **SOBRAL**
PREFEITURA

DATA: JUN/2023

REVISÃO: 00

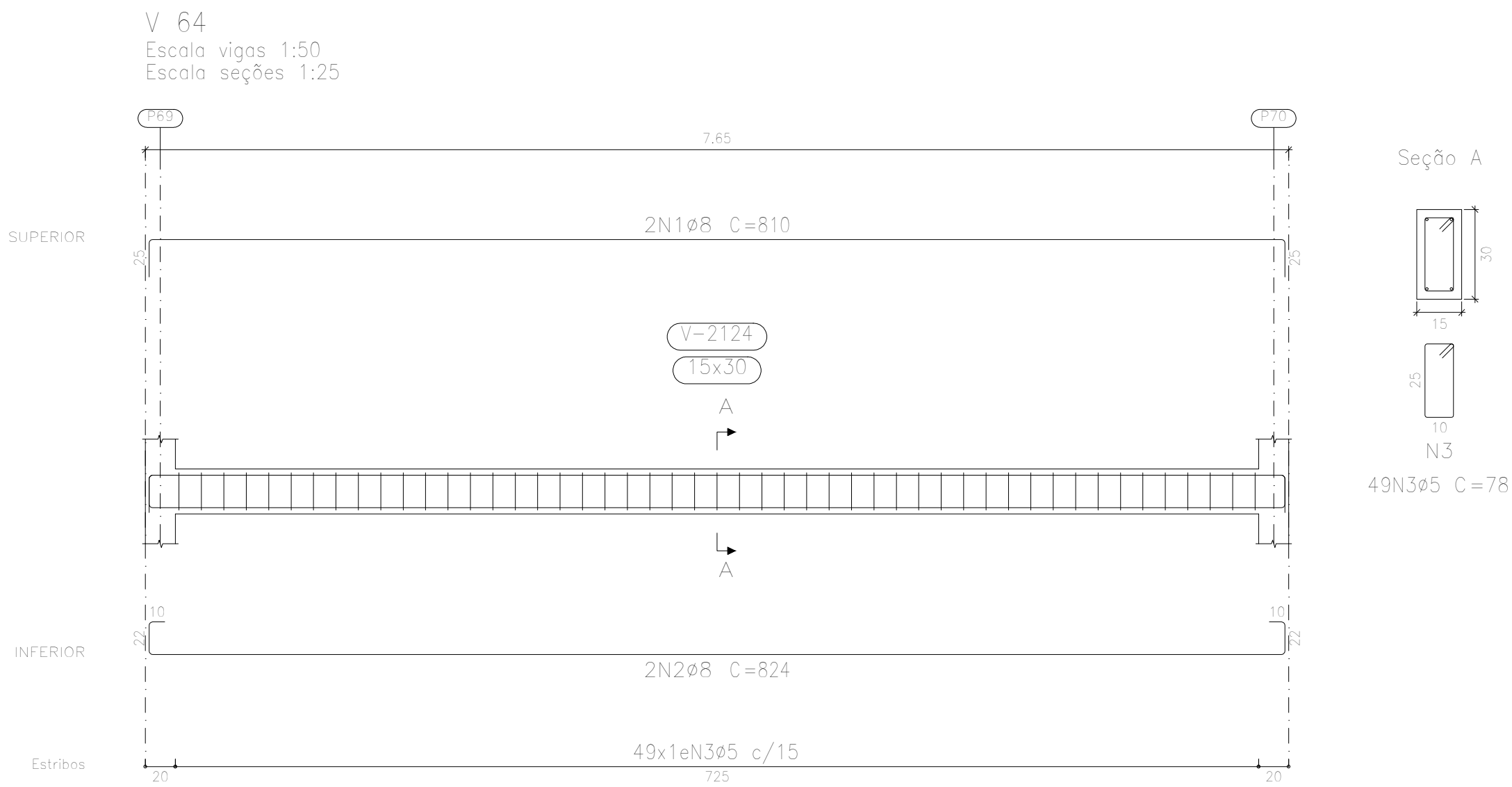
ARQUIVO

PRANCHA

18/24

Elemento	Pos.	Quant.	Q.	Esquema (m)	C.comp. (m)	Total (m)	CA-50 (kg)	
V 64	1	ø6	2		810	1620	4.4	
	2	ø6	2		824	1648	4.5	
	3	ø5	40		78	3120	8.0	
Total + 10%							14.2	6.9
							ø5:	6.0
							ø6:	0.2
							Total:	6.6

COBERTA 2.95
Desenho de vigas
Concreto: C30, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:25



Resumo Aço	Comp. total	Peso+10%	Total
Desenho de vigas	(m)	(kg)	
CA-50	ø6.3	8,9	2
	ø8	1712,0	744
	ø10	56,9	39
	ø12,5	21,2	22
CA-60	ø5	1825,2	315
Total			1122

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Certifique em: https://portal.tr2unin

SECRETARIA DA INFRAESTRUTURA

PROJETO: PROJETO DE ESTRUTURA DE CONCRETO ARMADO
C.S.F. BARACHO

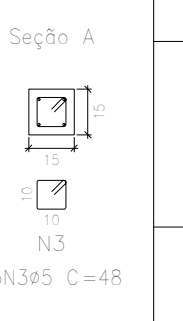
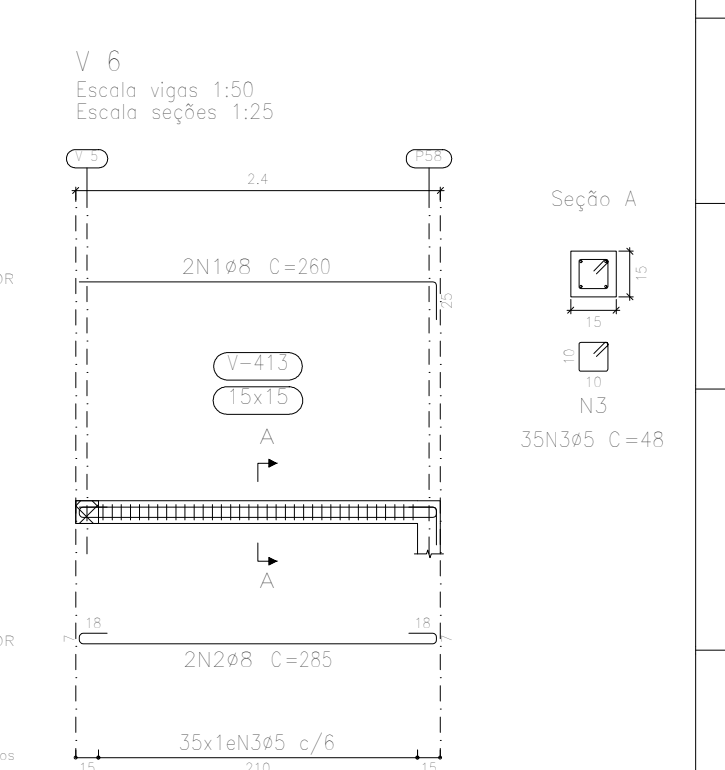
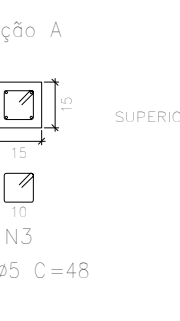
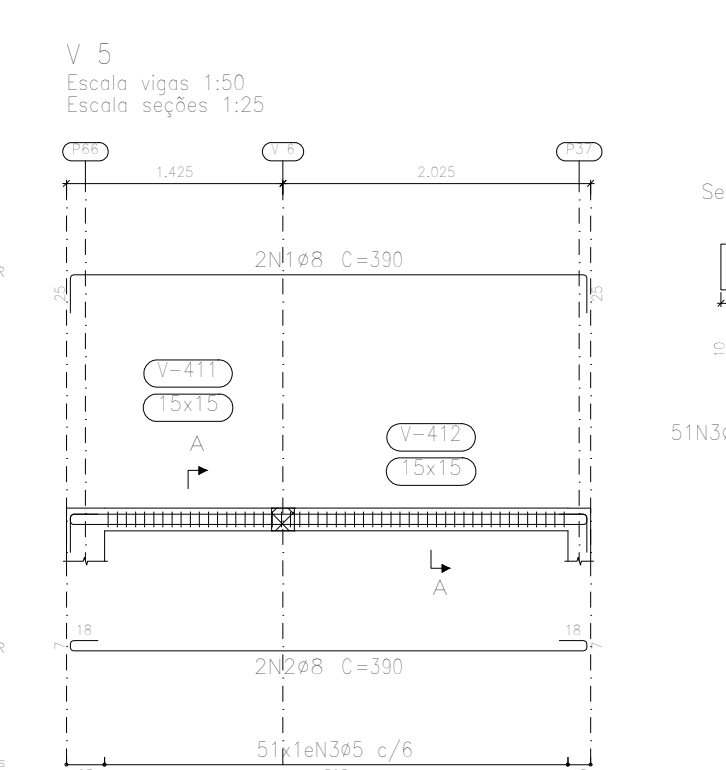
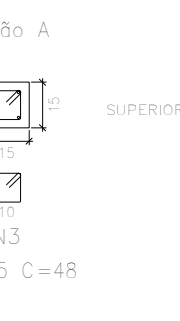
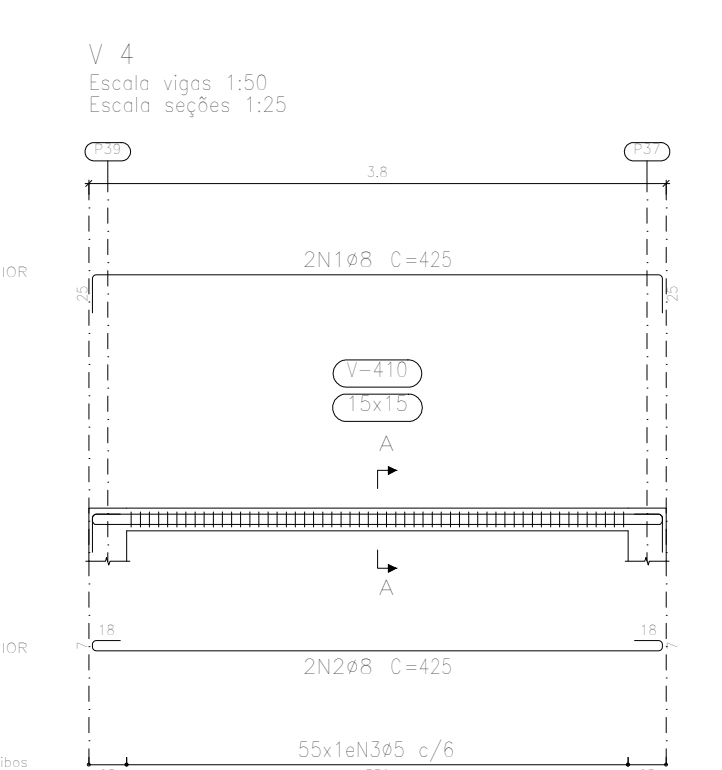
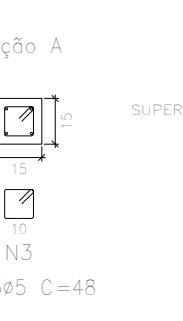
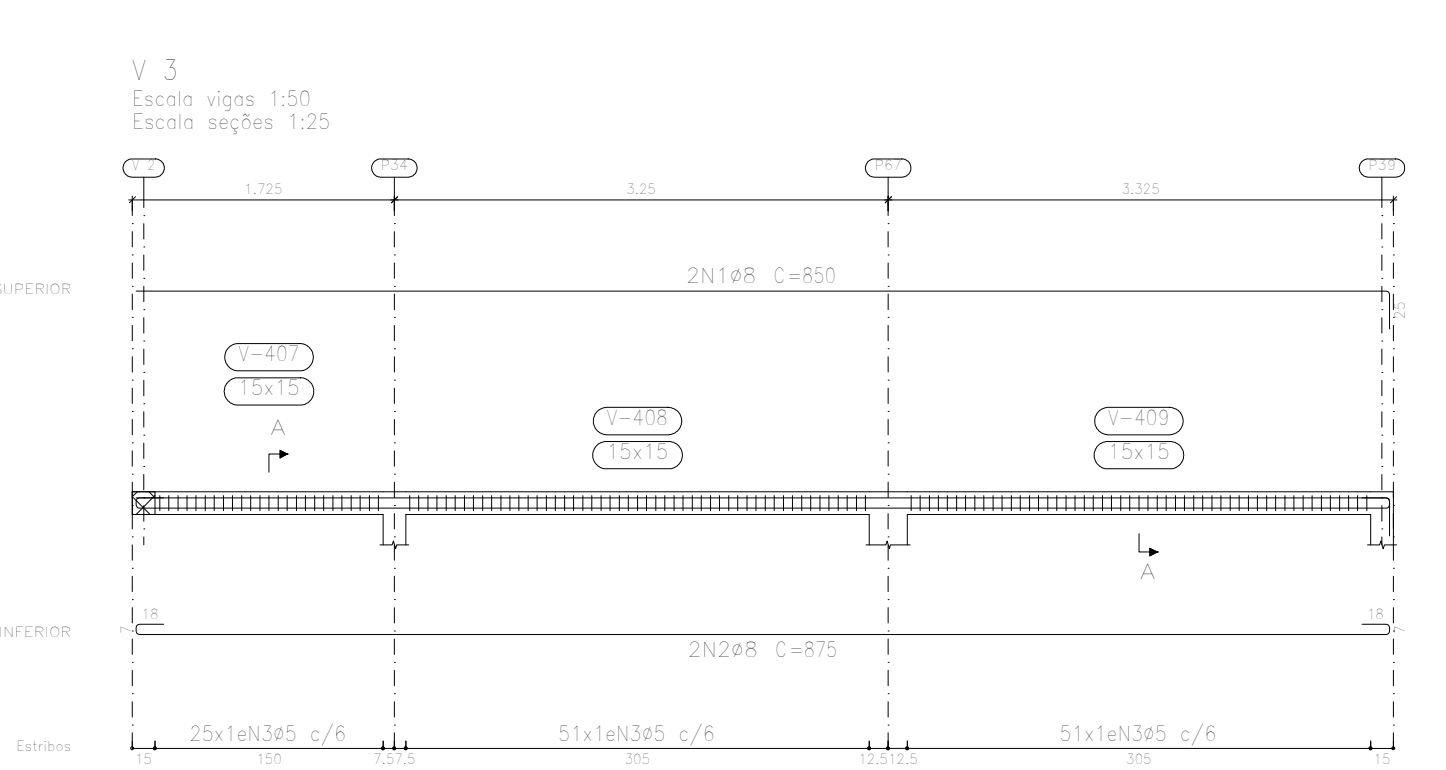
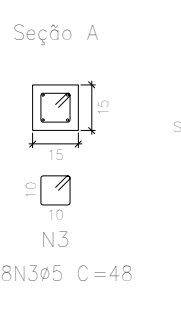
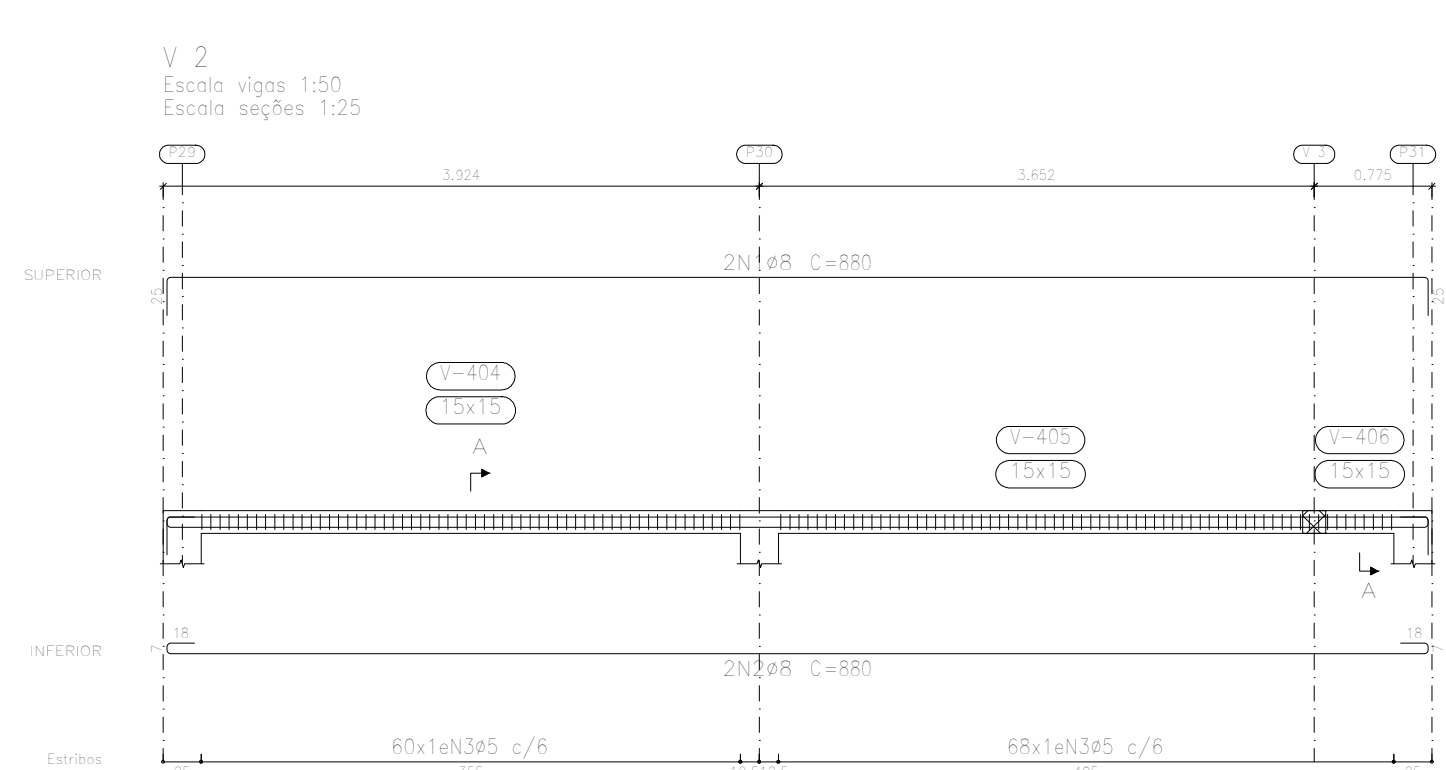
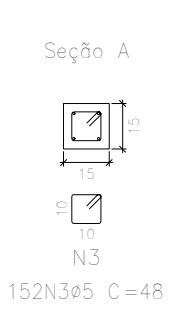
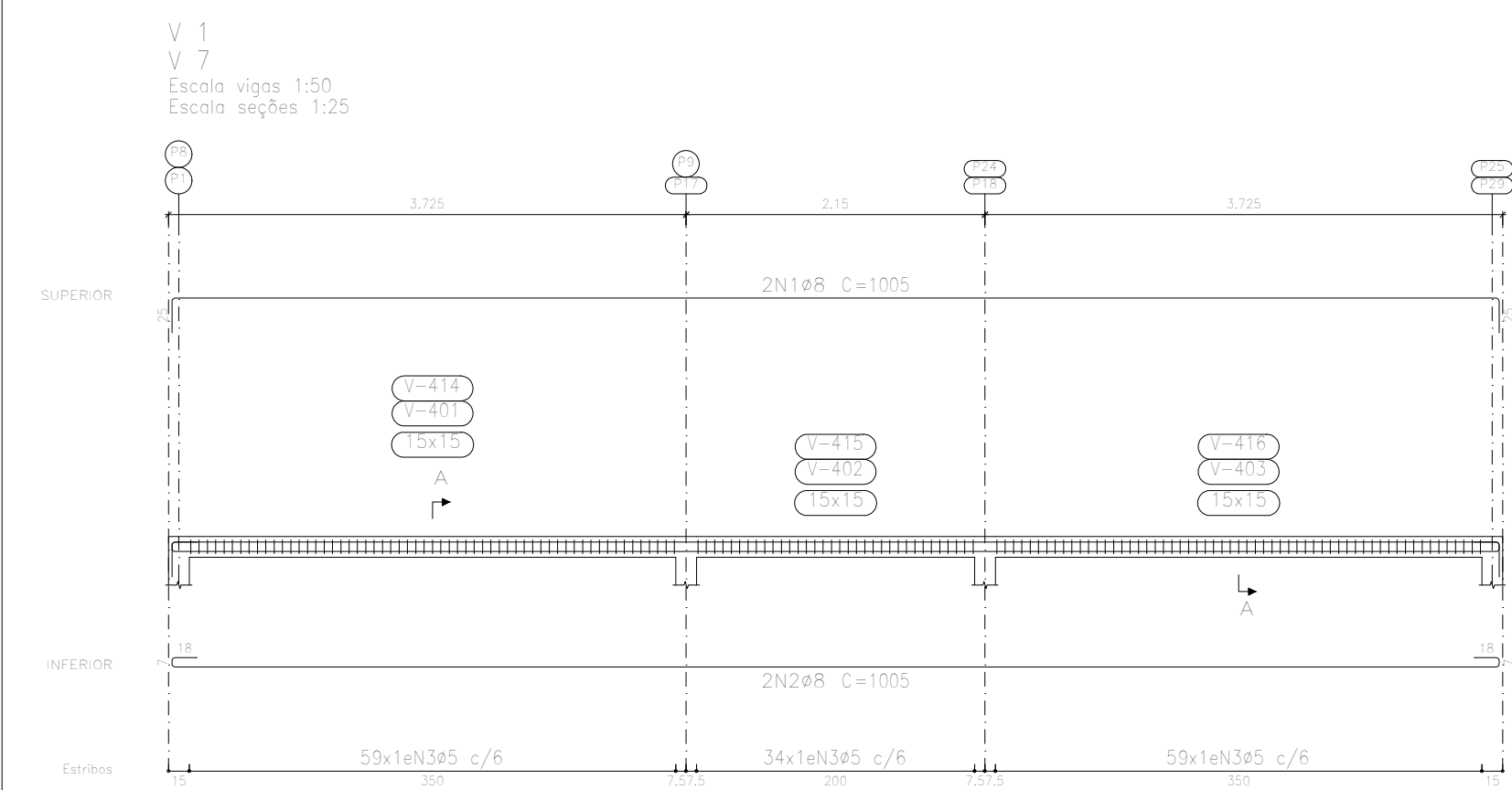
INTERESSADO: PREFEITURA DE SOBRAL

ENDEREÇO: -

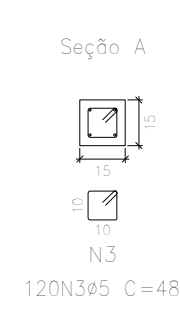
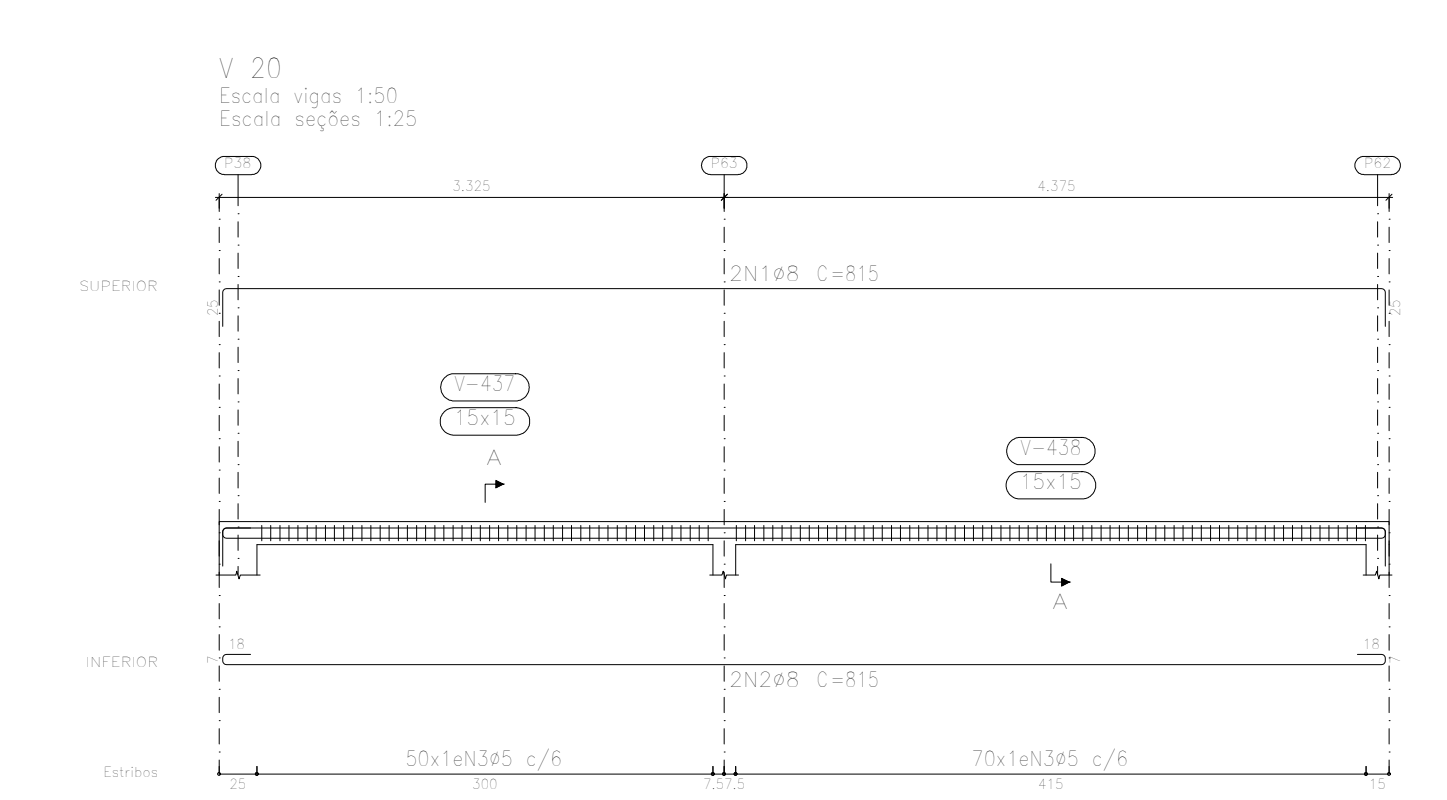
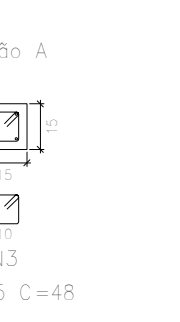
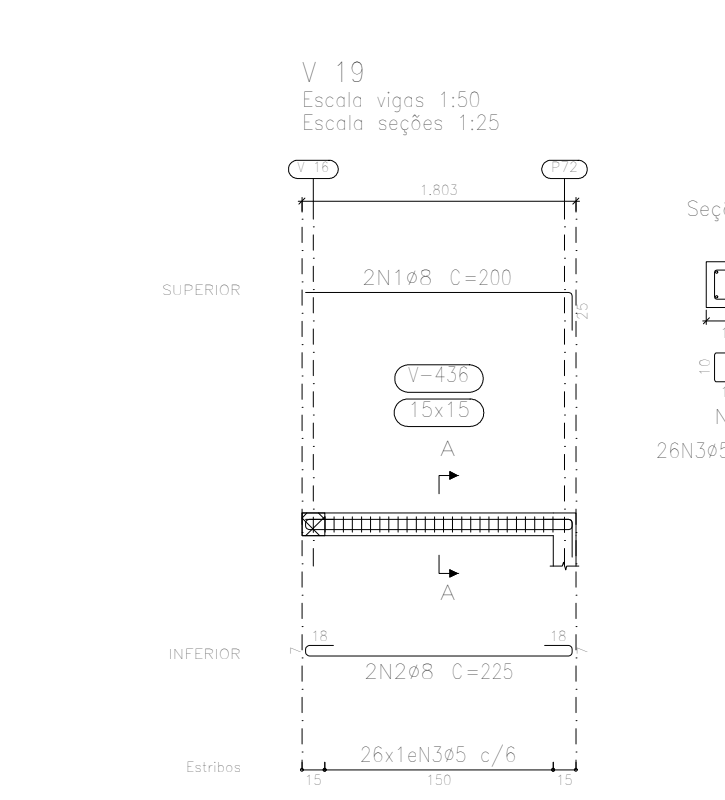
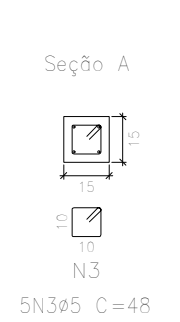
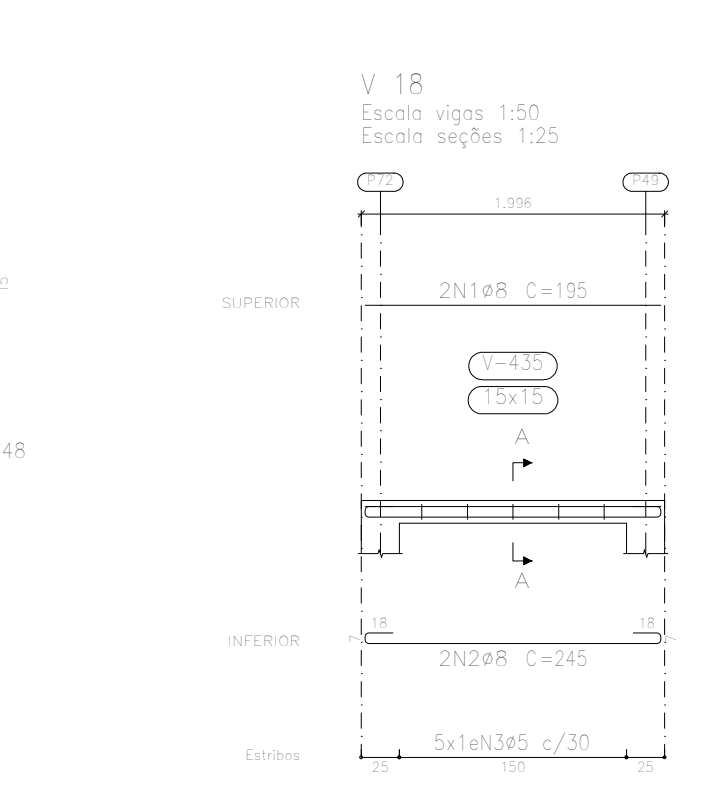
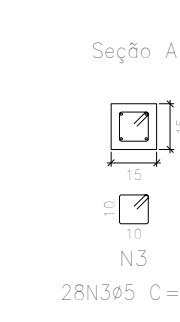
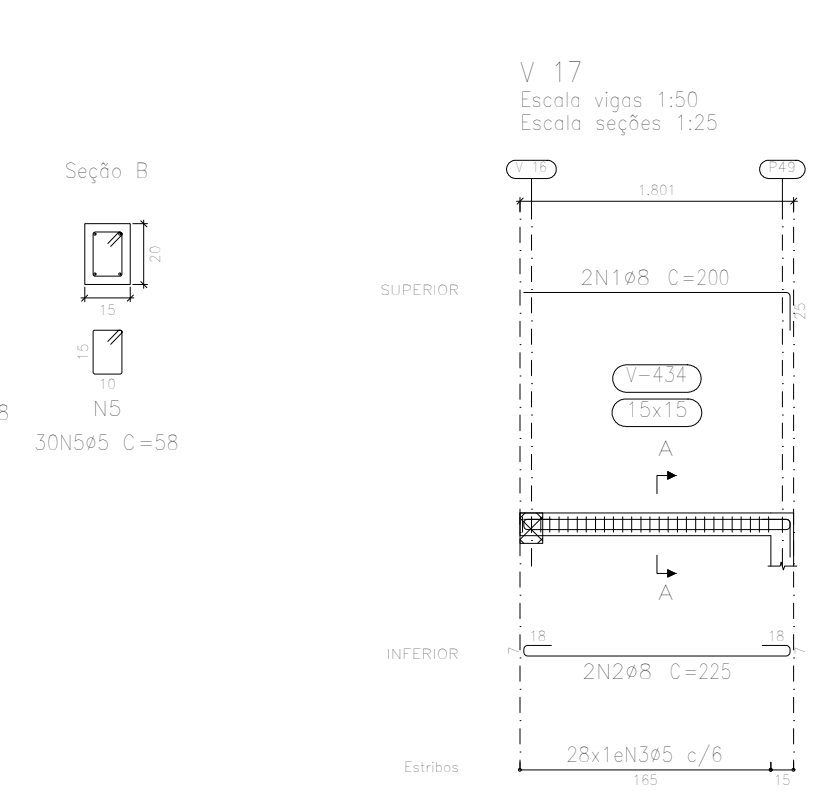
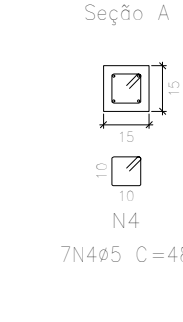
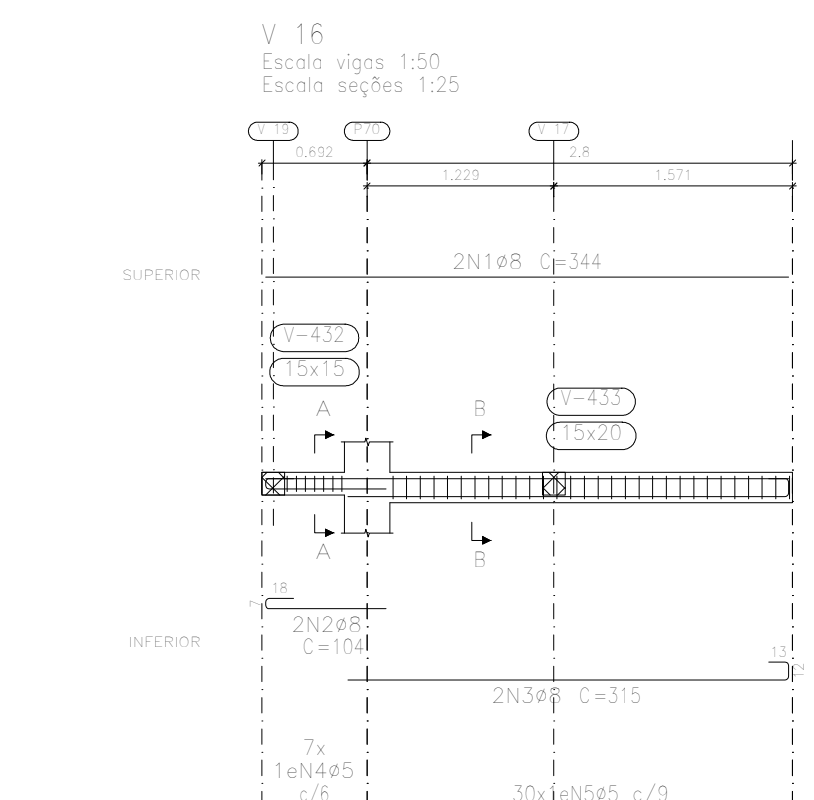
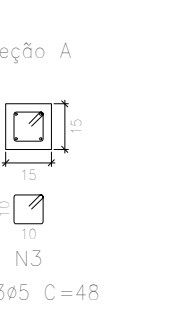
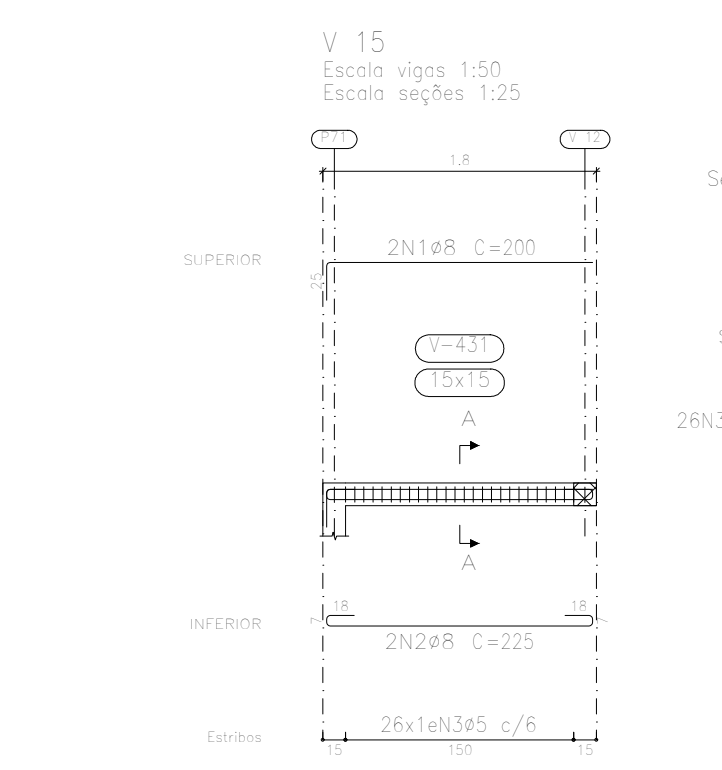
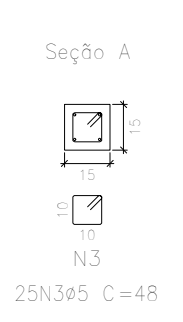
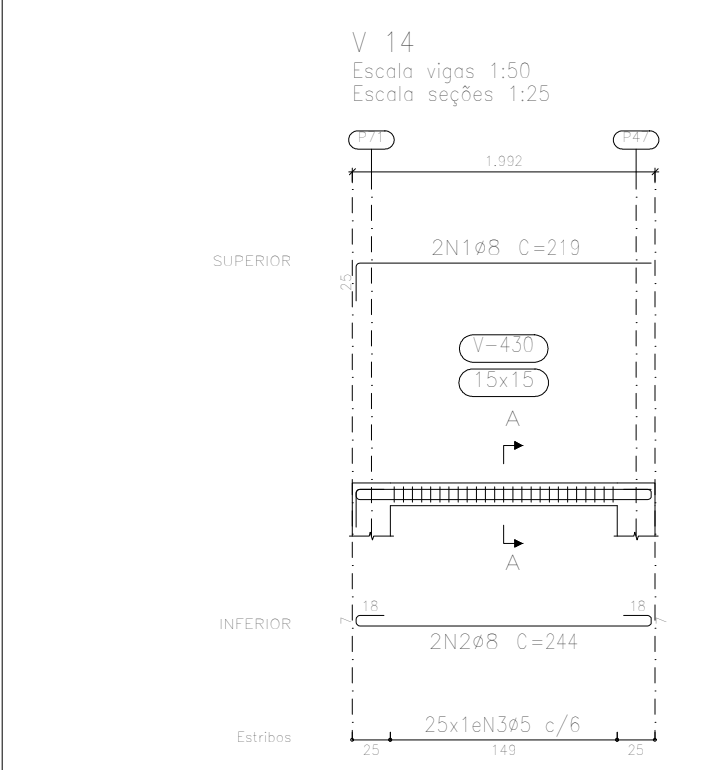
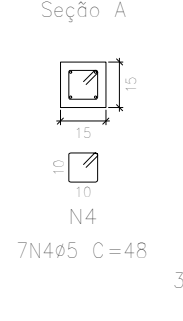
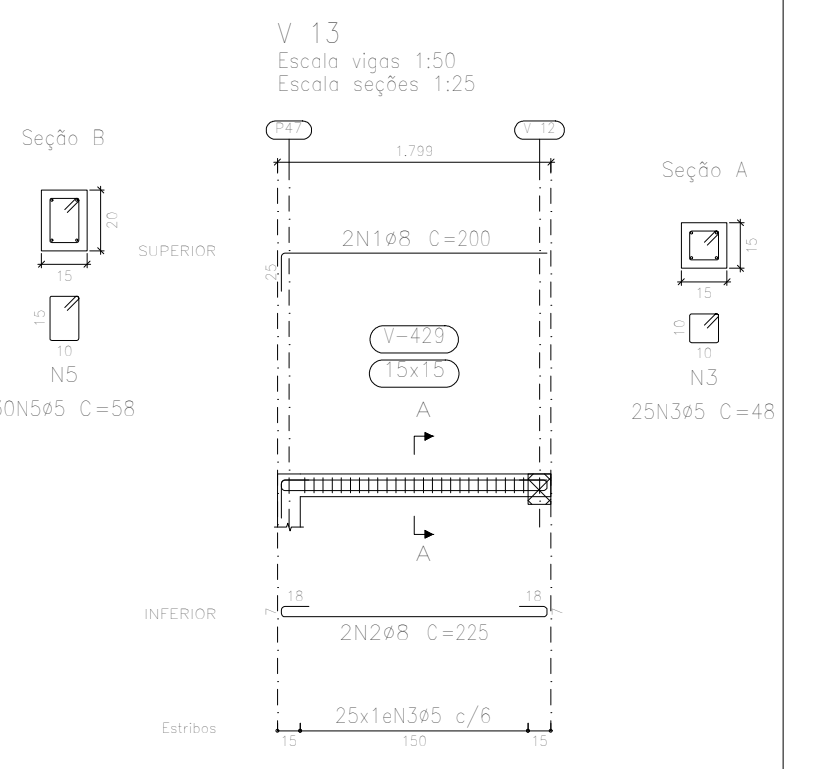
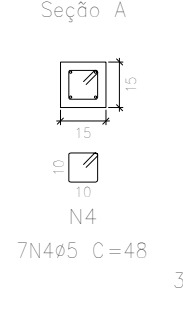
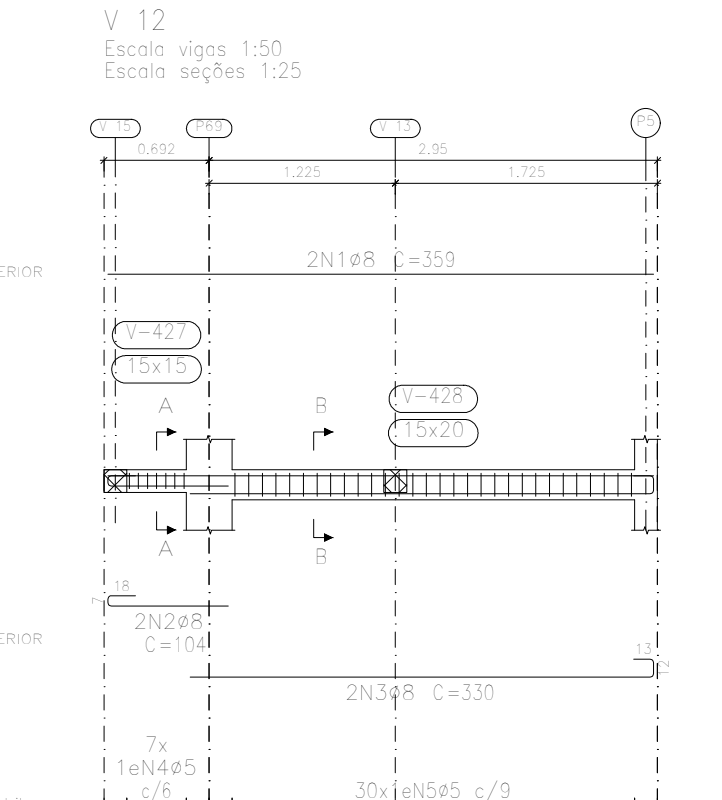
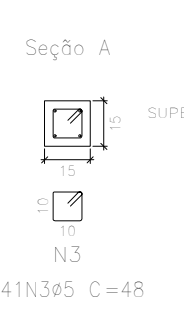
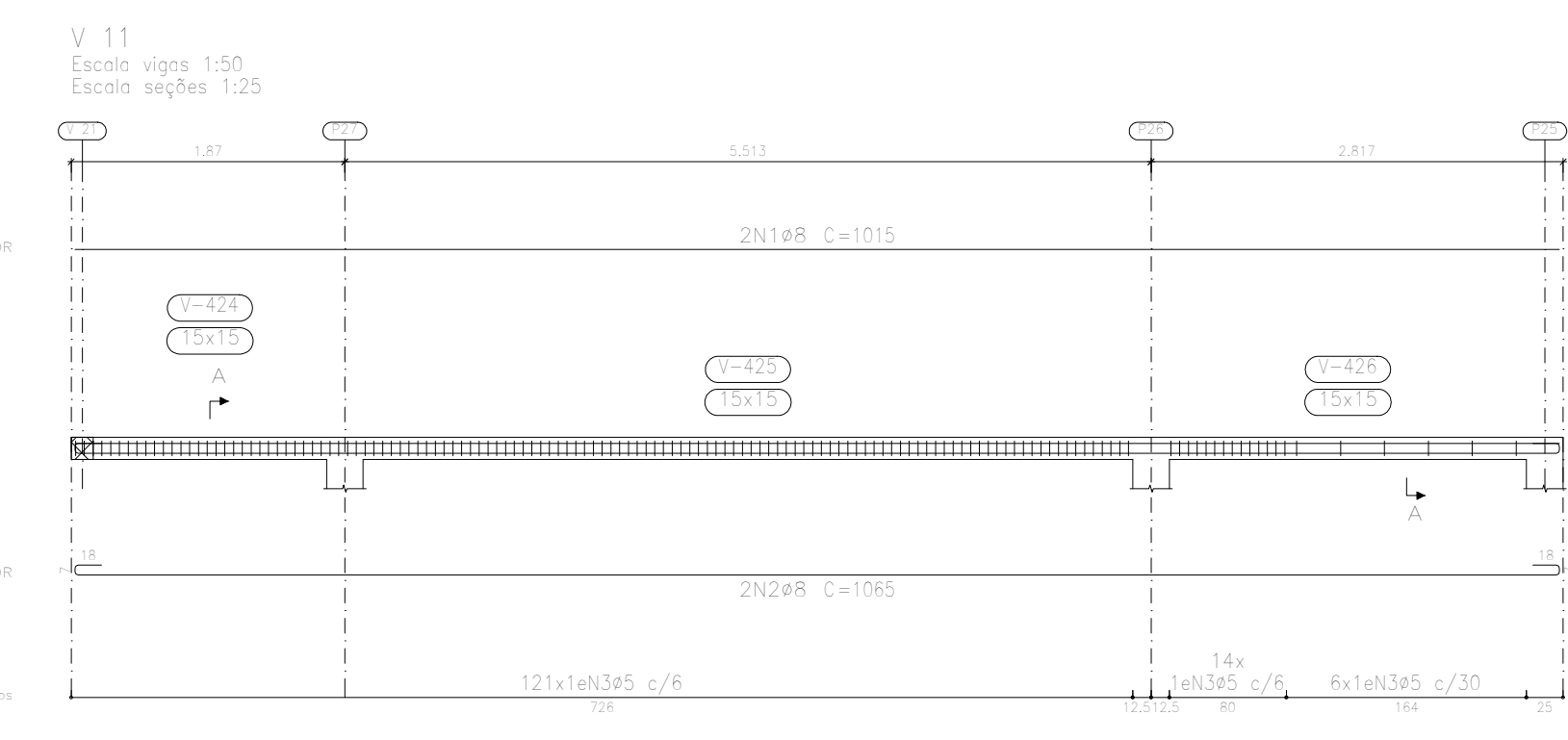
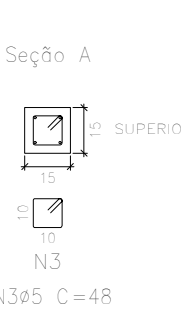
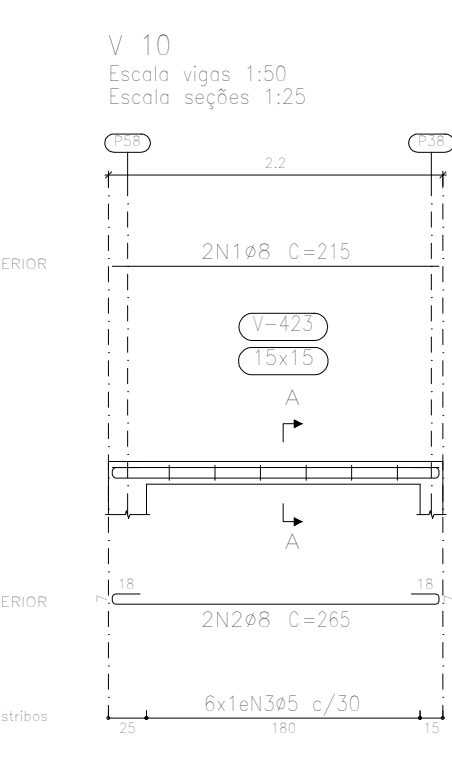
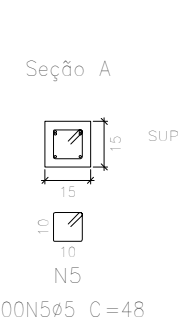
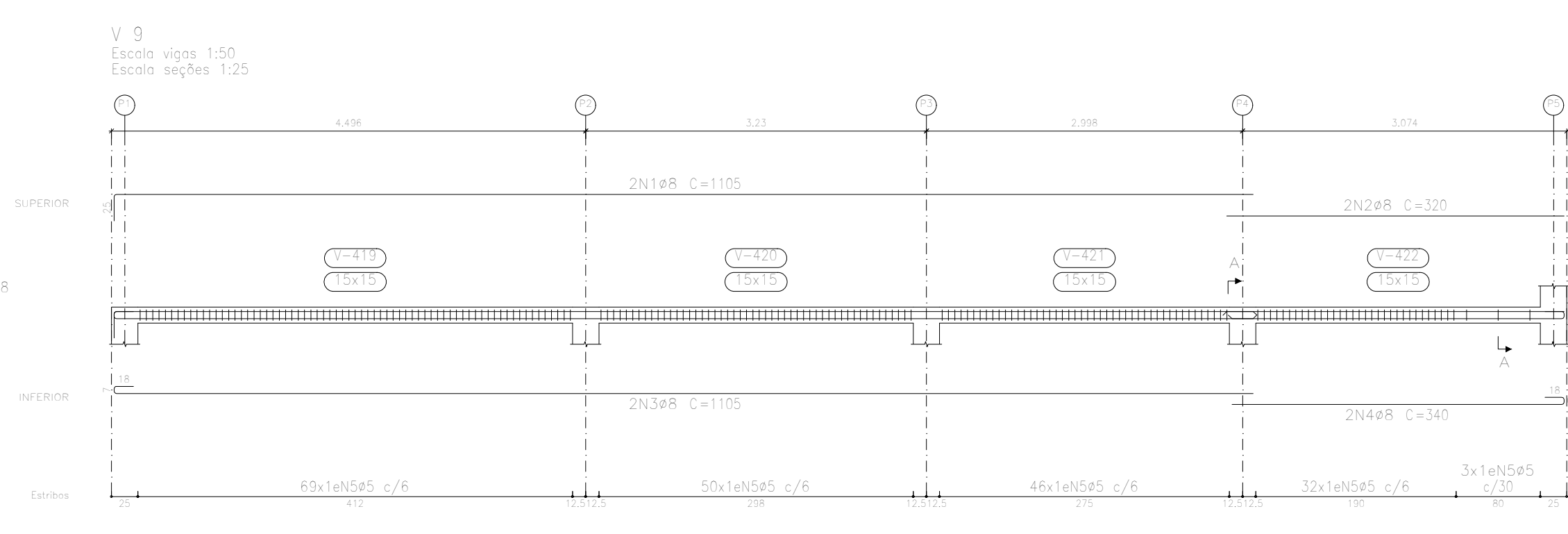
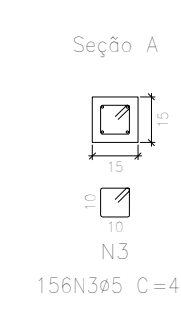
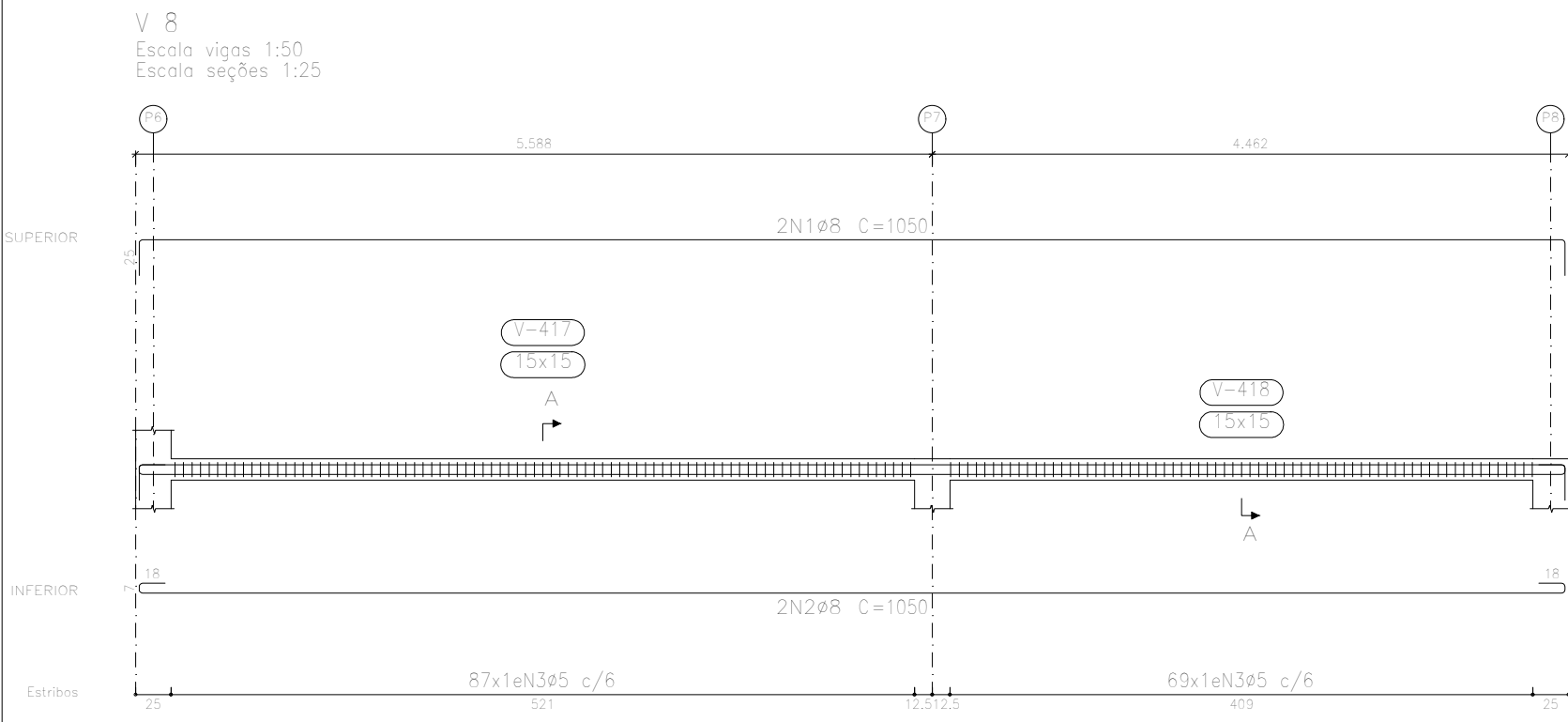
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ASSUNTO: FORMAS NÍVEL: 0.20M
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DATA JUN/2023 REVISÃO 00 ARQUIVO PRANCHA 19/24

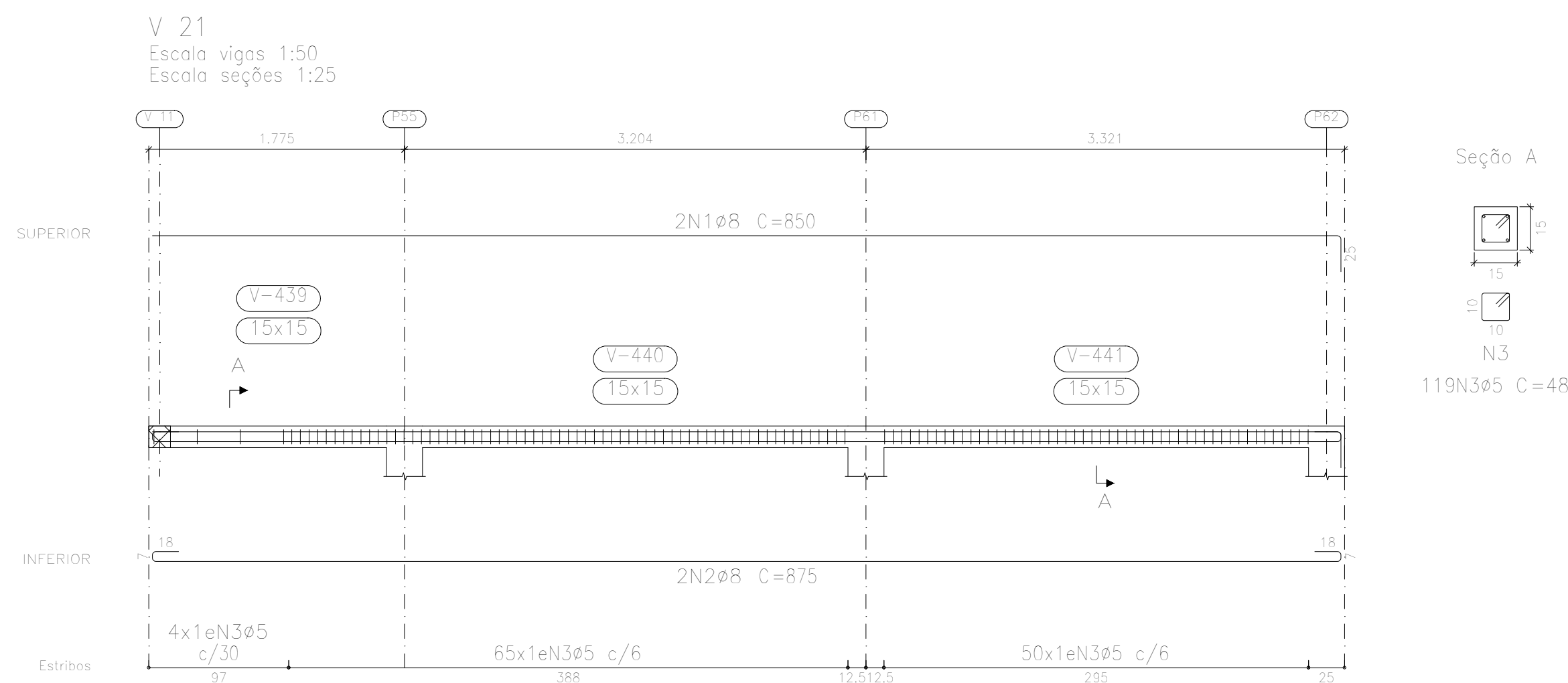


PLATIBANDA 4,50
Desenho de vigas
Concreto: C30, em geral
Aço das barras: CA-50 e CA-60
Aço das estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:25



PLATIBANDA 4.50

Desenho de vigas	
Concreto: C30, em geral	
Aço das barras: CA-50 e CA-60	
Aço dos estribos: CA-50 e CA-60	
Escala vigas 1:50	
Escala seções 1:25	
Escala aberturas 1:25	



Resumo Aço	Comp. total	Peso+10%	Total
Desenho de vigas	(m)	(kg)	
CA-50 Ø8	494,5	215	215
CA-60 Ø5	798,5	138	138
Total			353

SECRETARIA DA INFRAESTRUTURA

PROYECTO: **PROYECTO DE ESTRUCTURA DE CONCRETO ARMADO**
C.S.F. BARACHO

INTERESSADO:
PREFEITURA DE SOBRAL

ENDEREÇO:

MUNICÍPIO:
SOBRAL

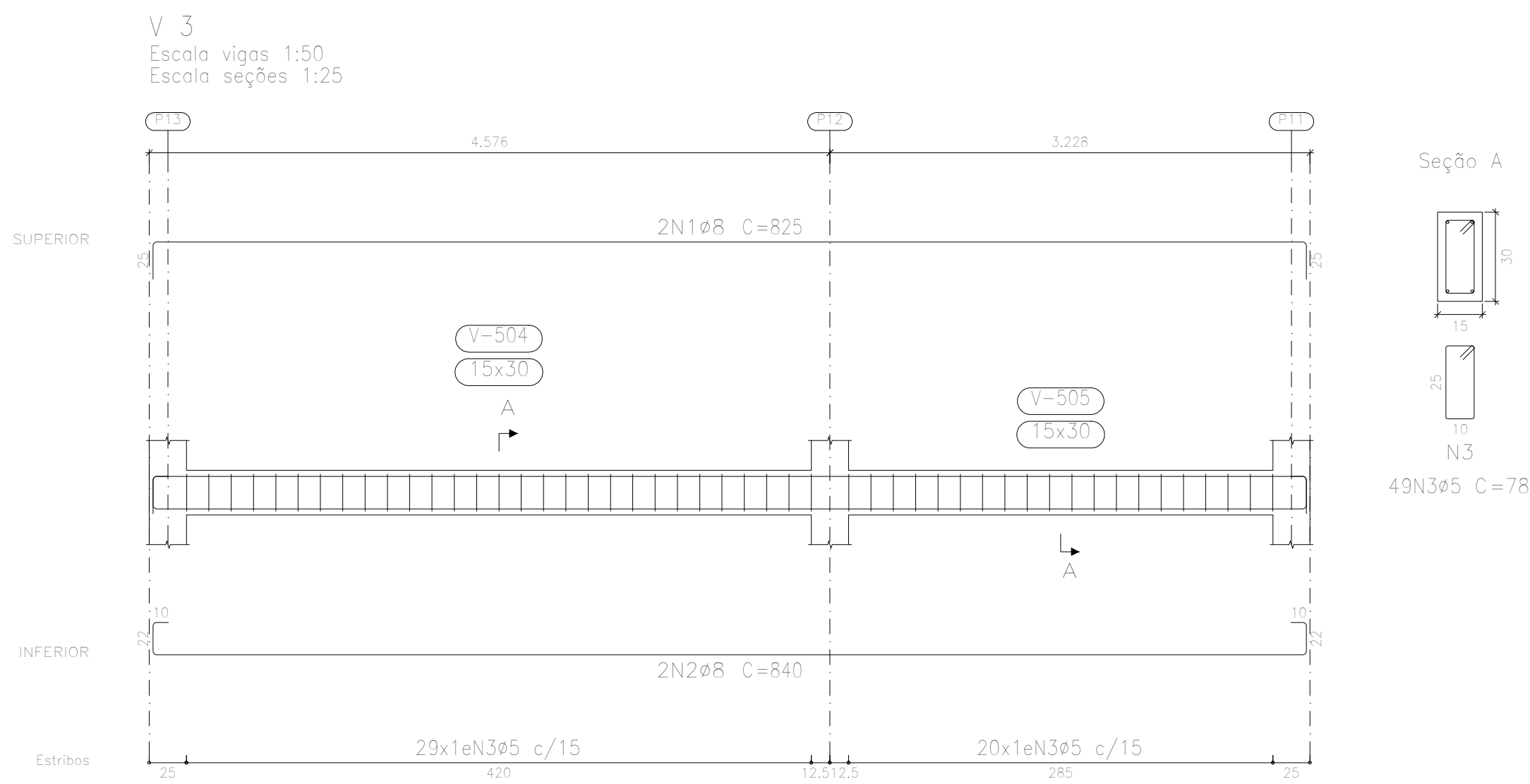
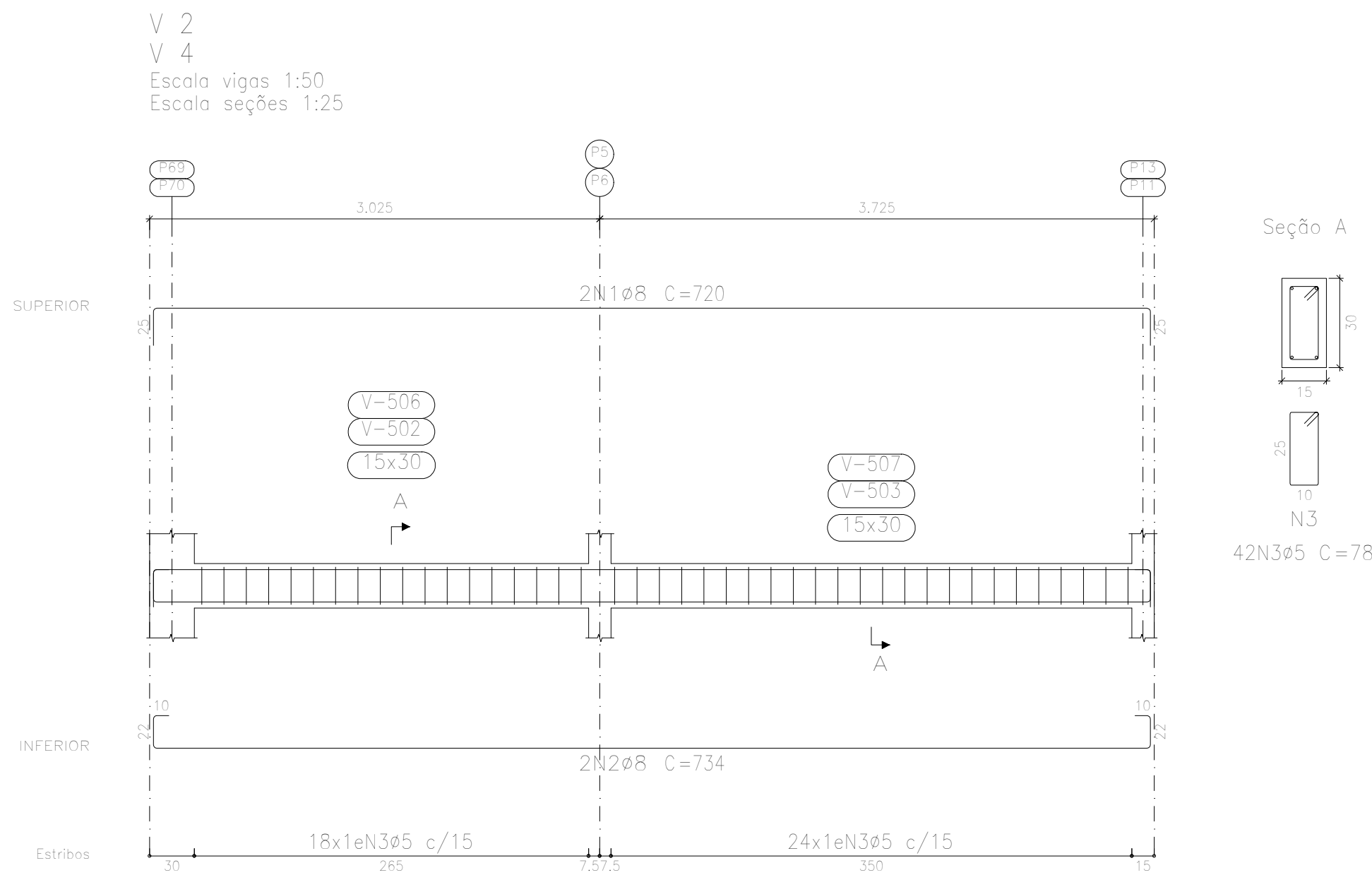
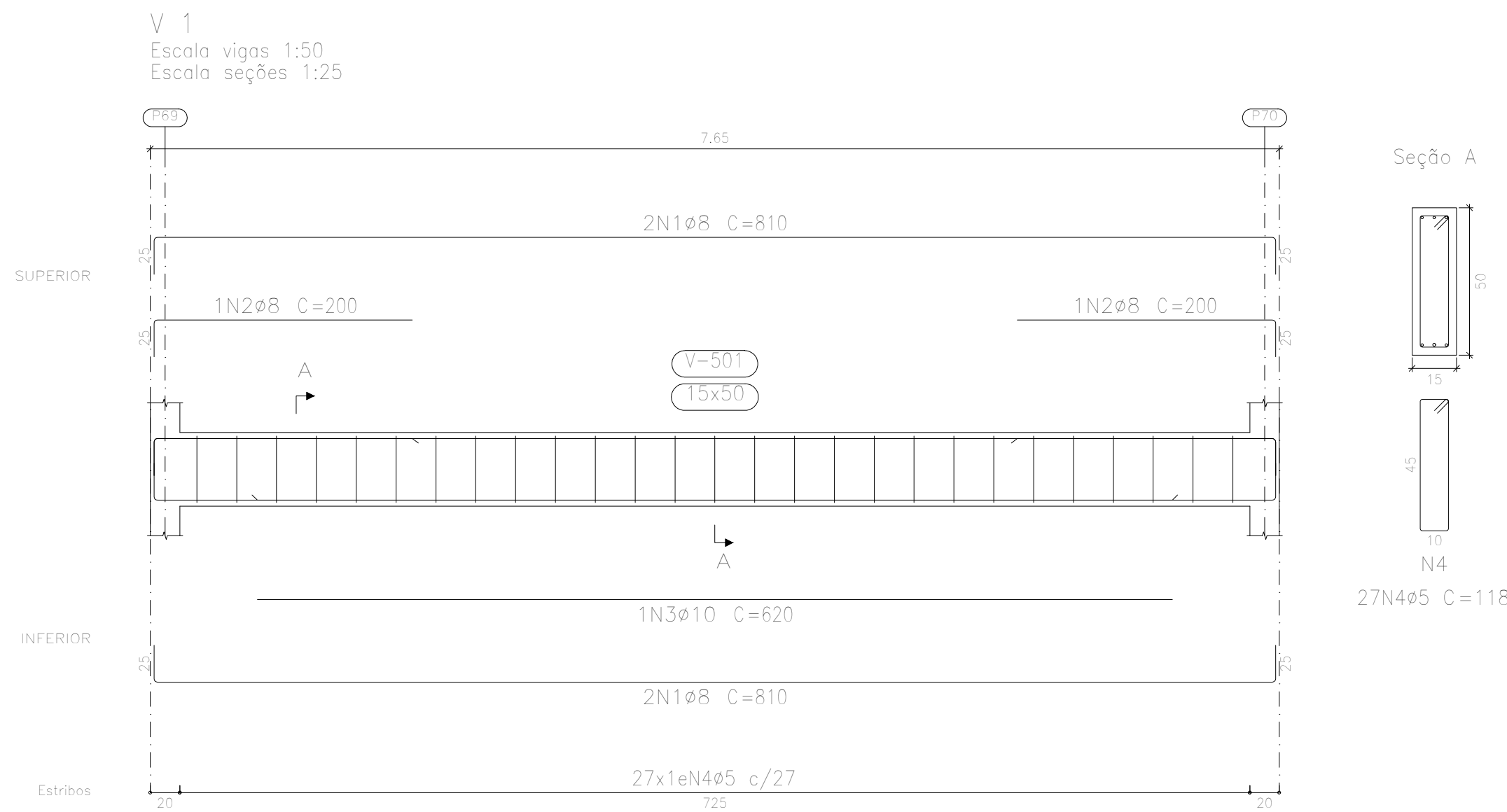
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JUN/2023

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-PRANCHA
22/24

Elemento	Pos.	Dim.	Q.	Esquema (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	CA-60 (kg)
V 1	1	60	4		810	3240	12,8	
	2	60	2		200	800	1,6	
	3	610	1		620	620	3,8	
	4	45	27		118	3186		5,0
Total x 100							20,2	5,0
V 2 e 4	1	60	2		720	1440	5,7	
	2	60	2		734	1468	5,8	
	3	65	42		28	3276		5,1
	Total x 100						22,7	5,6
V 3	1	60	2		825	1650	6,5	
	2	60	2		840	1680	6,6	
	3	45	40		18	3600		6,0
	Total x 100						16,4	6,6
Total x 100							45	0,0
Total x 100							48	0,0
Total x 100							42	0,0
Total x 100							20,8	23,3



COBERTA 6.25
Desenho de vigas
Concreto: C30, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:25

Resumo aço	Comp. total (m)	Peso x 100 (kg)	Total
CA-50	60	127,5	56
CA-60	60	6,2	4
CA-60	65	126,6	33
Total			93

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VICENTE DE PAULO DA SILVA COSTA
CPF: 04.940.043-1000-0100
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SECRETARIA DA INFRAESTRUTURA

PROJETO:
**PROJETO DE ESTRUTURA DE CONCRETO ARMADO
C.S.F. BARACHO**

INTERESSADO:
PREFEITURA DE SOBRAL

ENDEREÇO:

MUNICÍPIO:
SOBRAL



ASSUNTO:
FORMAS NÍVEL: 6.25M

ESCALA
INDICADA

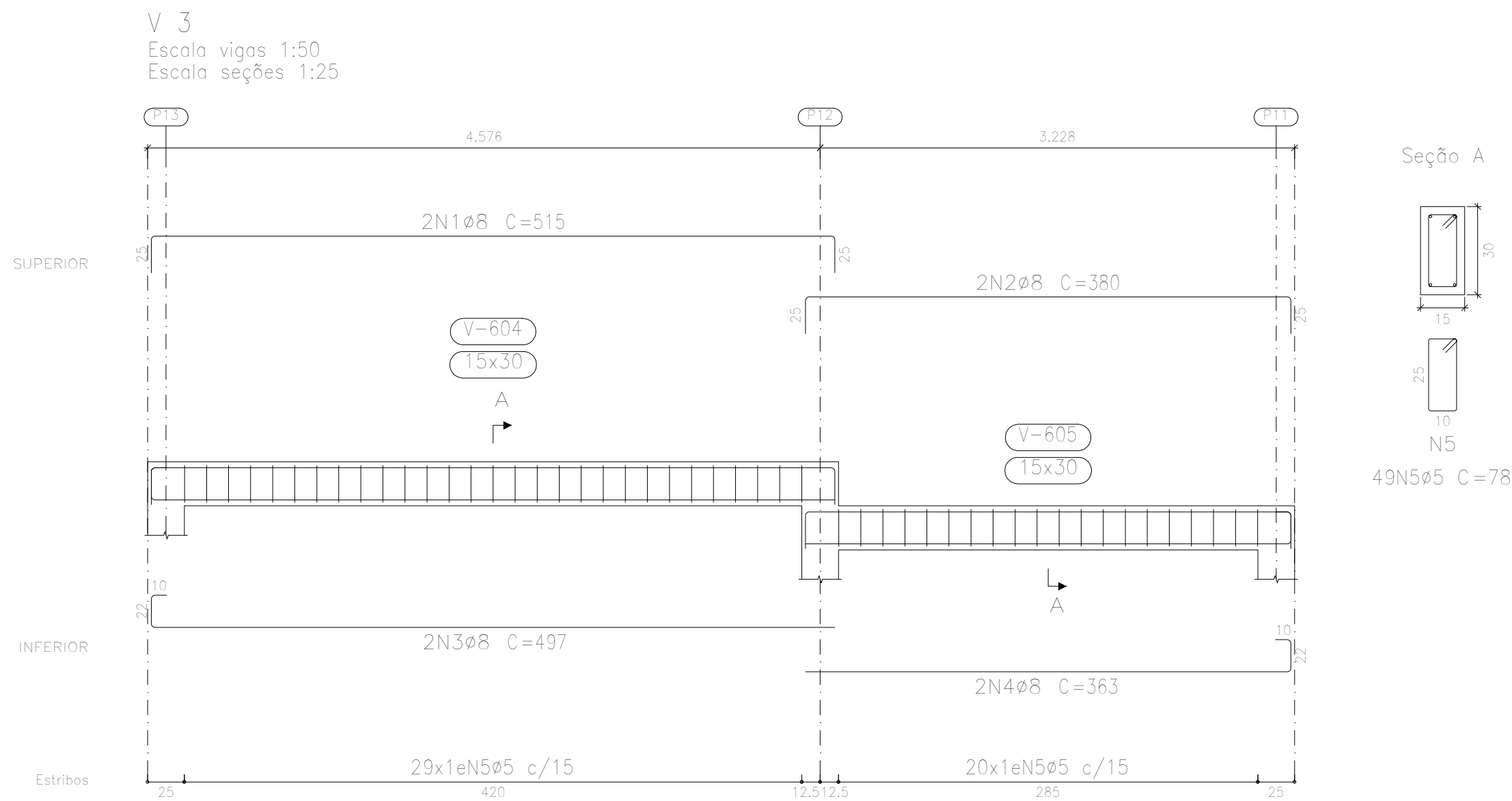
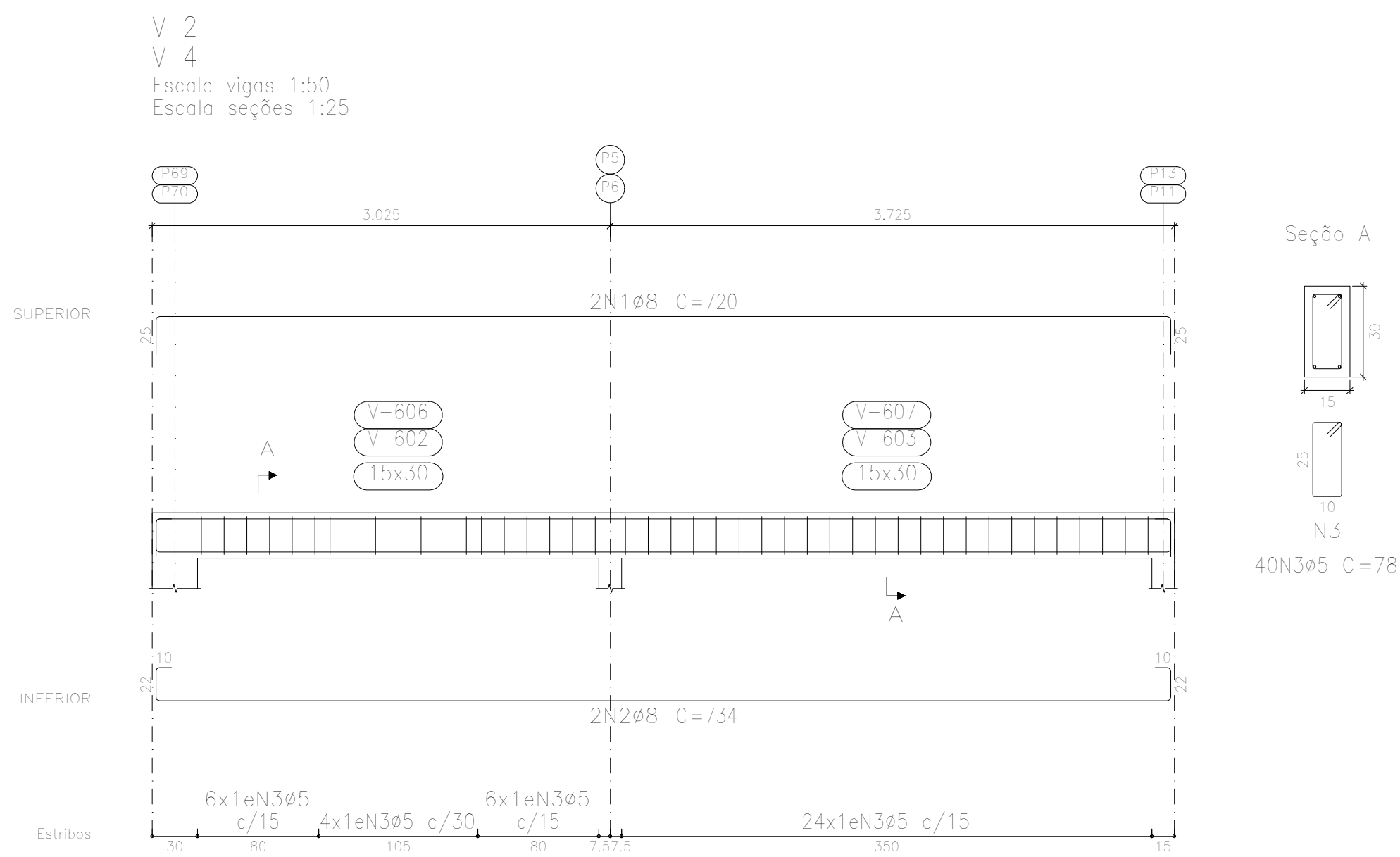
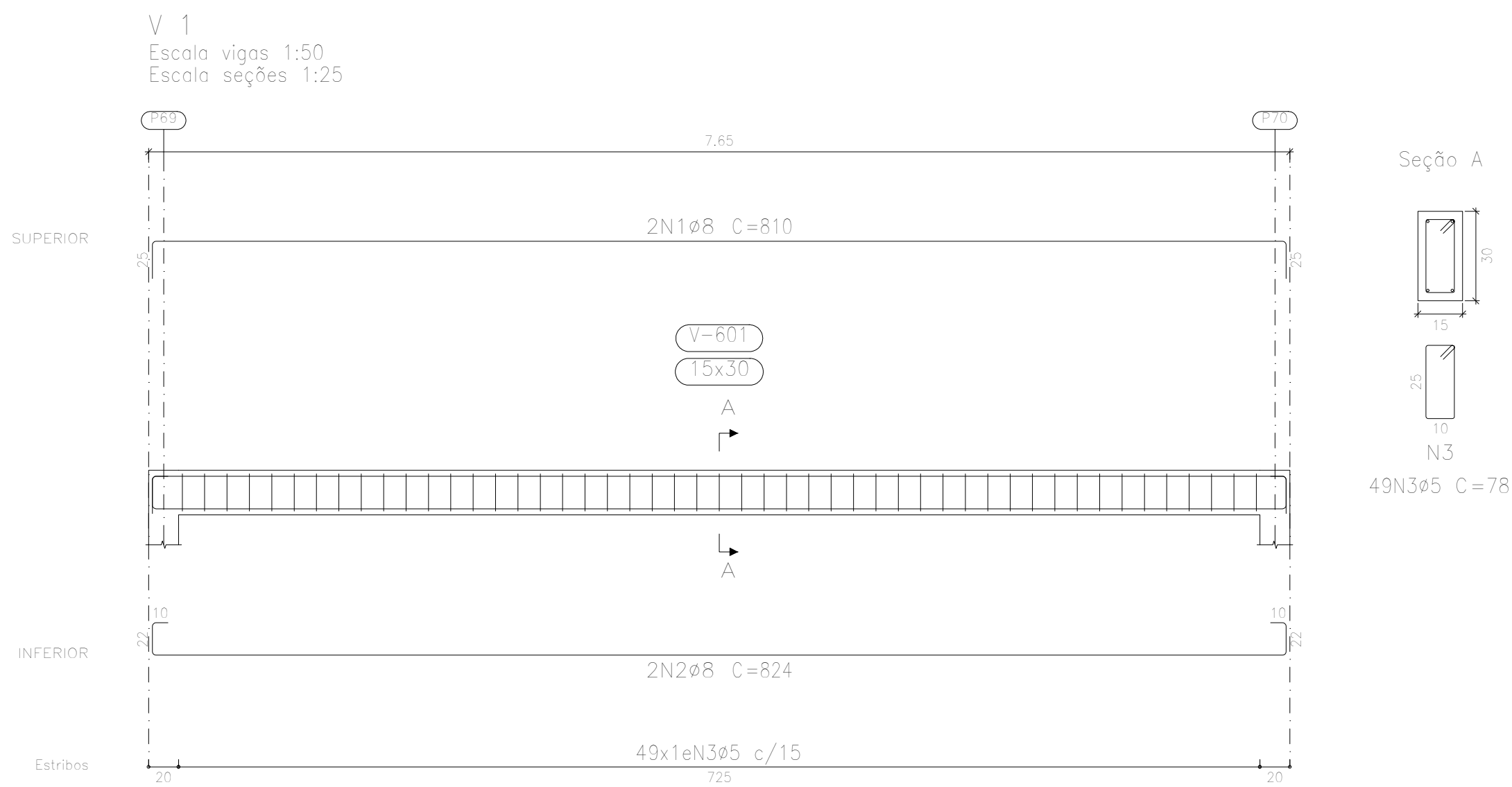
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JUN/2023

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00

ARQUIVO
-

PRANCHA
23/24

Elemento	Pos.	Quant.	Se.	Equivalência (cm)	Comp. (cm)	Total (cm)	CA-50 (kg)	
V 1	1	pr	7	320	12	810	1620	4.4
	2	pr	7	320	12	810	1620	4.4
	3	pr	40	15	78	3822		6.0
	Total=1038						14.2	6.8
V 2+3+4	1	pr	7	870	12	920	1440	5.7
	2	pr	7	870	12	920	1440	5.8
	3	pr	40	15	78	3120		4.0
	Total=1038						12.7	5.4
V 3	1	pr	7	480	12	515	1030	4.1
	2	pr	7	330	12	380	760	3.0
	3	pr	7	480	12	497	994	3.2
	4	pr	7	330	12	363	726	2.3
	5	pr	40	15	78	3822		6.0
Total=1038						15.3	6.8	
						95	10.0	34.8
						48	54.9	0.0
						Total	34.9	24.8



PLATIBANDA 8,15
Desenho de vigas
Concreto: C30, em geral
Aço das barras: CA-50 e CA-60
Aço dos estribos: CA-50 e CA-60
Escala vigas 1:50
Escala seções 1:25
Escala aberturas 1:25

Resumo aço	Comp. total (m)	Peso+10% (kg)	Total
CA-50 - ø8	125.9	55	55
CA-60 - ø5	138.8	24	24
Total			79

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SECRETARIA DE PLANEJAMENTO E GESTÃO
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SECRETARIA DA INFRAESTRUTURA

PROJETO:

PROJETO DE ESTRUTURA DE CONCRETO ARMADO

C.S.F. BARACHO

INTERESSADO:

PREFEITURA DE SOBRAL

ENDEREÇO:

MUNICÍPIO:

SOBRAL

ASSUNTO:

FORMAS NÍVEL: 8.15M

ESCALA INDICADA:

DATA
JUN/2023

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ARQUIVO
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PRANCHA
24/24