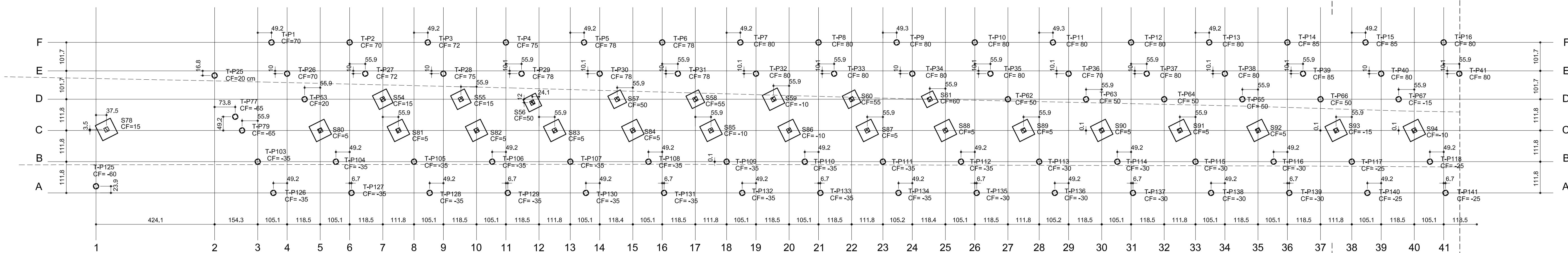


Delimitante área comum no desenho

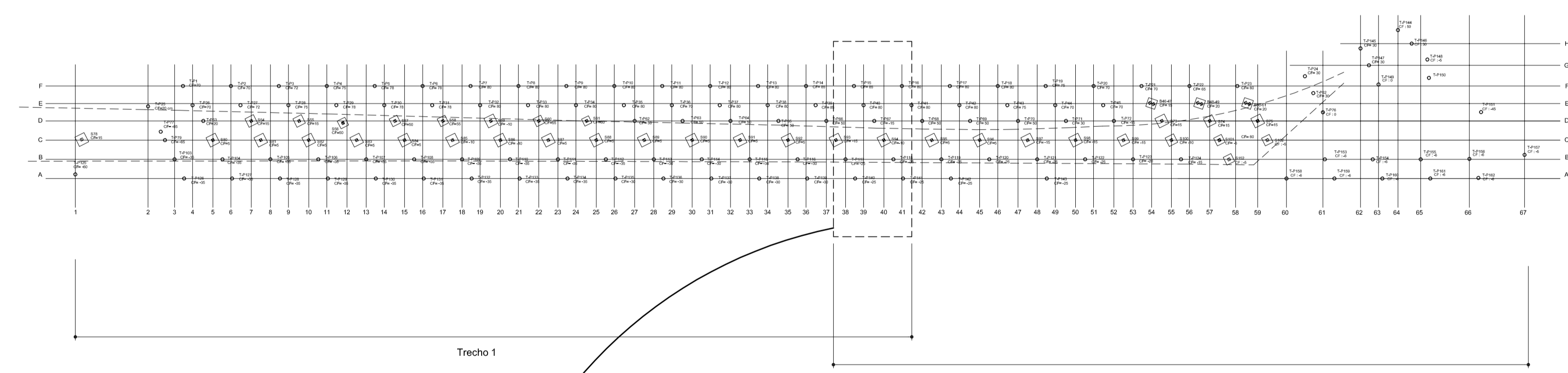


Linhas limite do talude -----

T-P = Trado do pilar
CF= Cota-Nível de fundo da sapata, bloco ou do trado

Planta de cotas de fundo e locação - Trecho 1
escala 1:75

CF = Cota de fundo é o nível do fundo da sapata, bloco ou da estaca à trado



Planta de locação - trechos 1 e 2
escala 1:200

Delimitante área comum no desenho

OBSERVAÇÕES

-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS

Linha limite do talude


CF= Cota-Nível de fundo da sapata ou do trado

T-P = Trado do pilar

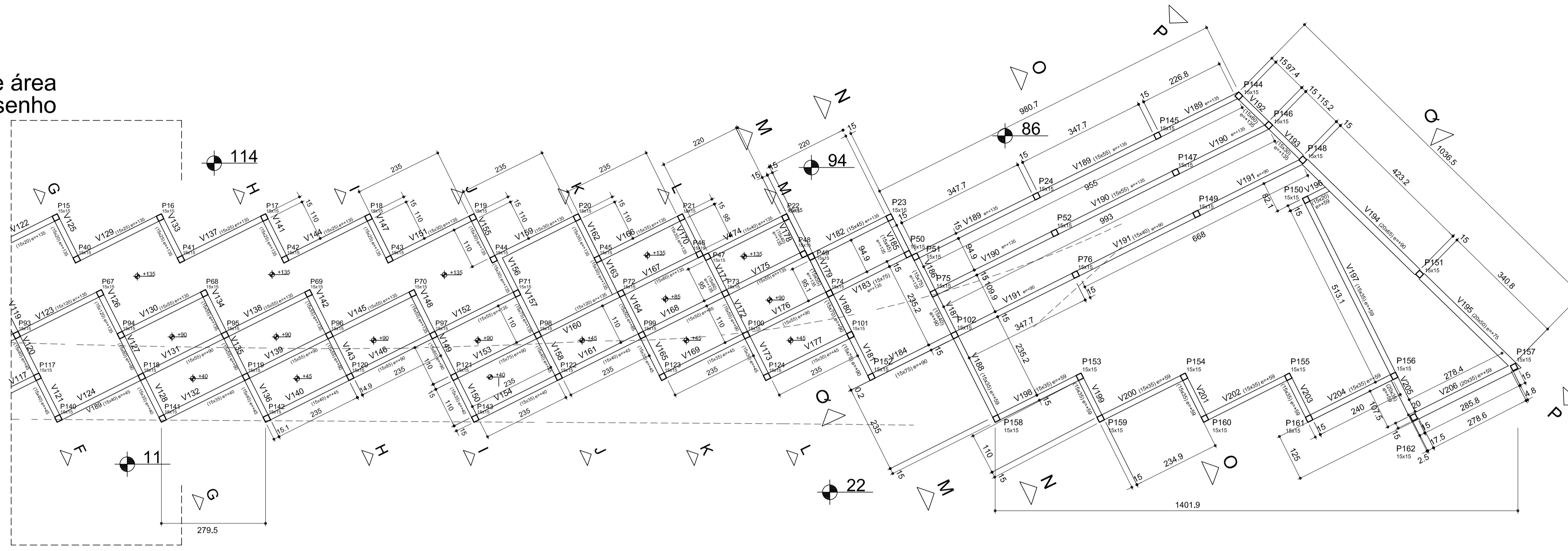
-O EXECUTOR DA OBRA DEVERÁ ESTUDAR TODO ESTE PROJETO ANTES DE INICIAR A EXECUÇÃO, BEM COMO TODOS OS PROJETOS DESTA OBRA.
-O RESPONSÁVEL PELA EXECUÇÃO DEVERÁ CONFERIR AS MEDIDAS NO LOCAL COMPARANDO COM AS MEDIDAS DO PROJETO ARQUITETÔNICO, CERTIFICANDO-SE DA SATISFATORIA COMPATIBILIDADE ENTRE OS PROJETOS E O LOCAL DE EXECUÇÃO.
-O ENGENHEIRO PROJETISTA ESTARÁ À DISPOSIÇÃO PARA QUALQUER ESCLARECIMENTO E APOIO TÉCNICO EM QUALQUER FASE DA OBRA. PORTANTO, EM CASO DE DÚVIDA NÃO DEIXE DE CONSULTAR O ENGENHEIRO

-OS ELEMENTOS ESTRUTURAIS PODERÃO SER APOIADOS DIRETAMENTE NO SOLO/ALÇADADA/ASFALTO

DADOS DAS FUNDAÇÕES NA PRANCHA 2
TRECHO 2 DAS FUNDAÇÕES NA PRANCHA 2

 SECRETARIA DE INFRAESTRUTURA URBANA UNIDADE DE BANCO DE PROJETOS	
Projeto: PROJETO DE ESTRUTURA Quadra da dança - Arquibancada avenida	
Conteúdo: Locação prancha 1 de 2	
Autor: ALEXANDRE SMORE SILVA CREA: 42.399-7 Co-Autor:	Ass.: Ass.:
Requerente: Sepur Escola: Indicada	Desenhistas CAD: Alexandre Código: Quadra dança - avenida.dwg Data: 11/2022 Número Prancha: 01/17
Nota: Para o Código do Projeto Defina-se: 1 grupo - Execução do Projeto; 2 grupo - Secretaria Fundação entre outros; 3 grupo - Tipo de Projeto; 4 grupo - Nome do Projeto (5 letras) 5 grupo - Número do Projeto; 6 grupo - Revisão / Ano.	

Delimitante área comum no desenho



Vista superior - Trecho 2
escala 1:75

Características dos materiais		
fck (kgf/cm²)	Ecs (kgf/cm³)	fct (kgf/cm²)
300	260716	29
		9,00

OBSERVAÇÕES

-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS

Linha limite do talude

-O EXECUTOR DA OBRA DEVERÁ ESTUDAR TODO ESTE PROJETO ANTES DE INICIAR A EXECUÇÃO, BEM COMO TODOS OS PROJETOS DESTA OBRA.
-O RESPONSÁVEL PELA EXECUÇÃO DEVERÁ CONFERIR AS MEDIDAS NO LOCAL COMPARANDO COM AS MEDIDAS DO PROJETO ARQUITETÔNICO, CERTIFICANDO-SE DA SATISFATÓRIA COMPATIBILIDADE ENTRE OS PROJETOS E O LOCAL DE EXECUÇÃO.

-O ENGENHEIRO PROJETISTA ESTARÁ À DISPOSIÇÃO PARA QUALQUER ESCLARECIMENTO E APOIO TÉCNICO EM QUALQUER FASE DA OBRA, PORTANTO, EM CASO DE DUVIDA NÃO DEIXE DE CONSULTAR O ENGENHEIRO

-OS ELEMENTOS ESTRUTURAIS PODERÃO SER APOIADOS DIRETAMENTE NO SOLICALÇADAS/FALTO

Nome	Seção (cm)	Nível (cm)
V1	15x30	100 / 0
V2	15x30	100
V3	15x30	0
V4	15x45	135
V5	15x140	135
V51	15x50	100 / 50
V6	15x35	90
V7	15x45	40
V8	15x35	135
V9	15x55	135
V10	15x60	90
V11	15x45	40
V12	15x35	135
V13	15x55	135
V14	15x60	90
V15	15x50	45
V16	15x35	135
V17	15x55	135
V18	15x55	90
V19	15x50	45
V20	15x33	135
V21	15x30	135
V22	15x100	135
V23	15x50	85
V24	15x50	45
V25	15x33	135
V26	15x100	135
V27	15x50	85
V28	15x50	45
V29	15x30	135
V30	15x30	135
V31	15x60	135
V32	15x55	90
V33	15x45	40
V34	15x30	135
V35	15x55	135
V36	15x55	90
V37	15x45	40
V38	15x27	135
V39	15x55	135
V40	15x60	90
V41	15x50	45
V42	15x27	135
V43	15x55	135
V44	15x55	90
V45	15x50	45
V46	15x27	135
V47	15x55	135
V48	15x55	90
V49	15x45	40
V50	15x27	135

Nome	Seção (cm)	Nível (cm)
V51	15x25	135
V52	15x60	90
V53	15x45	40
V54	15x45	45
V55	15x55	135
V56	15x45	45
V57	15x50	45
V58	15x25	135
V59	15x125	135
V60	15x50	45
V61	15x25	135
V62	15x125	135
V63	15x75	85
V64	15x50	45
V65	15x25	135
V66	15x55	135
V67	15x60	85
V68	15x50	45
V69	15x25	135
V70	15x55	135
V71	15x55	90
V72	15x50	40
V73	15x25	135
V74	15x50	135
V75	15x55	90
V76	15x50	45
V77	15x100	135
V78	15x55	135
V79	15x55	90
V80	15x45	45
V81	15x25	135
V82	15x55	135
V83	15x55	90
V84	15x45	45
V85	15x25	135
V86	15x55	135
V87	15x55	90
V88	15x40	40
V89	15x25	135
V90	15x55	135
V91	15x55	90
V92	15x40	40
V93	15x25	135
V94	15x55	135
V95	15x55	90
V96	15x45	45
V97	15x25	135
V98	15x55	135
V99	15x55	90
V100	15x45	45

Nome	Seção (cm)	Nível (cm)
V101	15x25	135
V102	15x55	135
V103	15x55	90
V104	15x45	45
V105	15x25	135
V106	15x55	135
V107	15x55	90
V108	15x25	135
V109	15x25	135
V110	15x55	135
V111	15x55	90
V112	15x40	40
V113	15x20	135
V114	15x55	135
V115	15x55	90
V116	15x55	90
V117	15x40	40
V118	15x20	135
V119	15x55	135
V120	15x40	45
V121	15x40	45
V122	15x20	135
V123	15x120	135
V124	15x40	45
V125	15x20	135
V126	15x120	135
V127	15x80	90
V128	15x25	135
V129	15x25	135
V130	15x55	135
V131	15x45	45
V132	15x35	40
V133	15x25	135
V134	15x55	135
V135	15x55	90
V136	15x40	45
V137	15x25	135
V138	15x55	135
V139	15x55	90
V140	15x40	45
V141	15x25	135
V142	15x55	135
V143	15x55	90
V144	15x25	135
V145	15x55	135
V146	15x85	90
V147	15x25	135
V148	15x55	135
V149	15x85	90
V150	15x35	40

Nome	Seção (cm)	Nível (cm)
V151	15x30	135
V152	15x55	135
V153	15x75	90
V154	15x35	40
V155	15x30	135
V156	15x30	135
V157	15x75	135
V158	15x45	45
V159	15x30	135
V160	15x120	135
V161	15x40	45
V162	15x35	135
V163	15x30	135
V164	15x50	85
V165	15x35	45
V166	15x35	135
V167	15x60	135
V168	15x50	85
V169	15x35	45
V170	15x35	135
V171	15x20	135
V172	15x120	135
V173	15x55	90
V174	15x20	135
V175	15x40	45
V176	15x55	135
V177	15x25	135
V178	15x30	45
V179	15x40	135

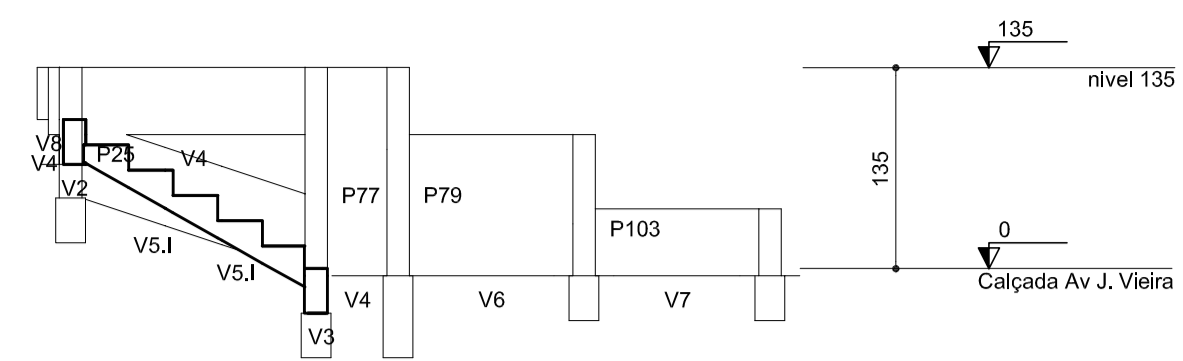
Nome	Seção (cm)	Nível (cm)
V180	15x70	90
V181	15x75	90
V182	15x45	135
V183	15x75	135
V184	15x75	90
V185	15x45	135
V186	15x75	135
V187	15x40	90
V188	15x35	59
V189	15x55	135
V190	15x55	135
V191	15x40	90
V192	15x60	135
V193	15x30	90
V194	20x50	90
V195	20x50	75
V196	15x20	59
V197	15x35	59
V198	15x35	59
V199	15x35	59
V200	15x35	59
V201	15x35	59
V202	15x35	59
V203	15x35	59
V204	15x35	59
V205	20x35	59
V206	20x35	59

Elaçada			
Nome	Tipo	Altura (cm)	Elevação (cm)
E1	Maciça	10	0

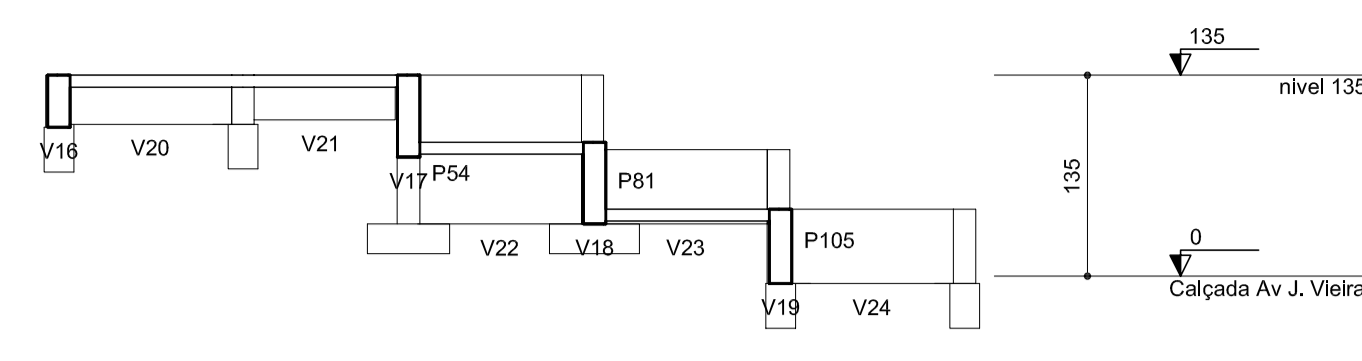


SECRETARIA DE INFRAESTRUTURA URBANA
UNIDADE DE BANCO DE PROJETOS

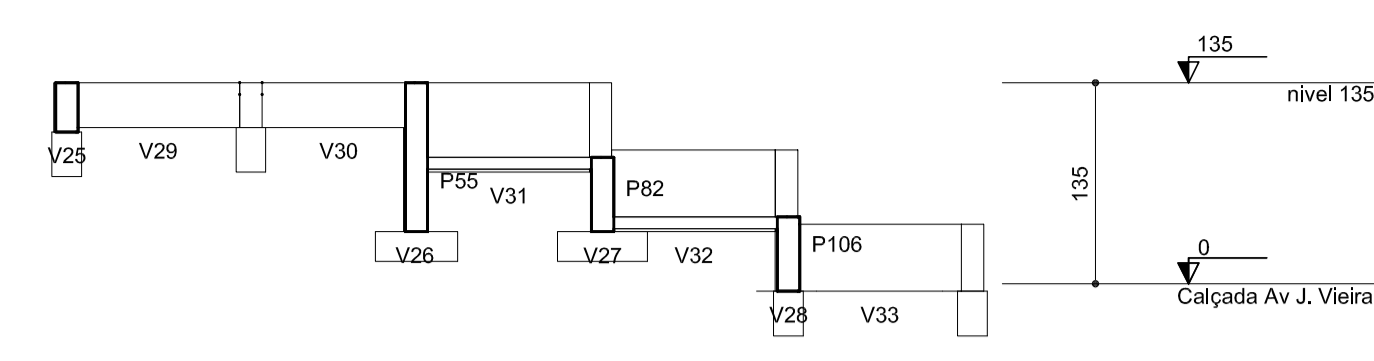
Projeto:	PROJETO DE ESTRUTURA Quadra da dança - Arqui bancada avenida	
Conteúdo:	Vista formas - prancha 2 de 2	
Autor:	Ass.:	Código:
ALEXANDRE SMORE SILVA CREA: 42.996/7		Quadra dança - avenida.dwg
Co-Autor:	Ass.:	Data:
		11/2022
Requerente:		Numero Prancha:
Sepur		04/17
Escola:	Desenhista CAD:	Nota: Para o Código do Projeto Definese:
Indicada	Alexandre	1 grupo - Executora do Projeto; 2 grupo - Secretaria, Fundação entre outros; 3 grupo - Tipo de Projeto; 4 grupo - Nome do Projeto (5 letras) 5 grupo - Numero do Projeto; 6 grupo - Revisão / Ano.



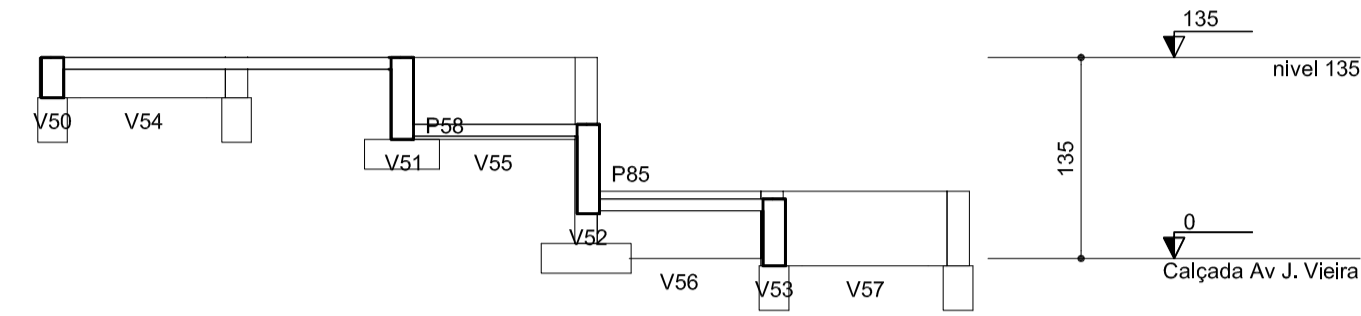
Corte A-A
escala 1:50



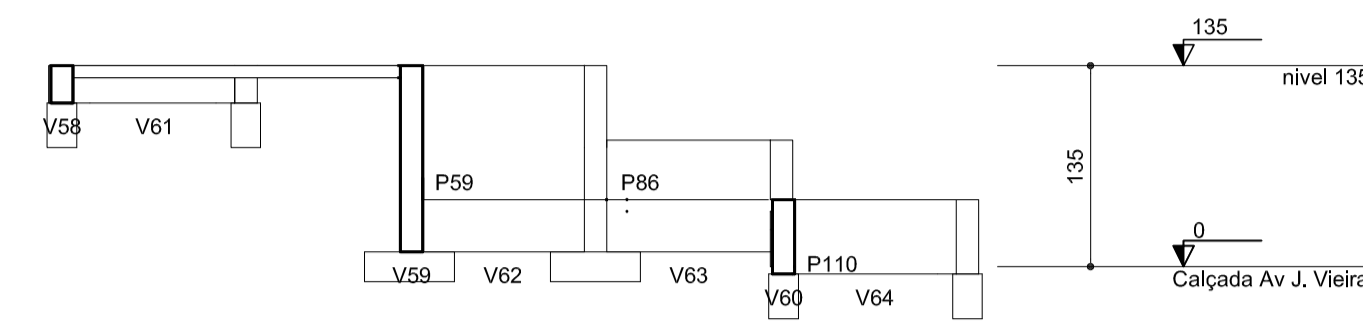
Corte B-B
escala 1:50



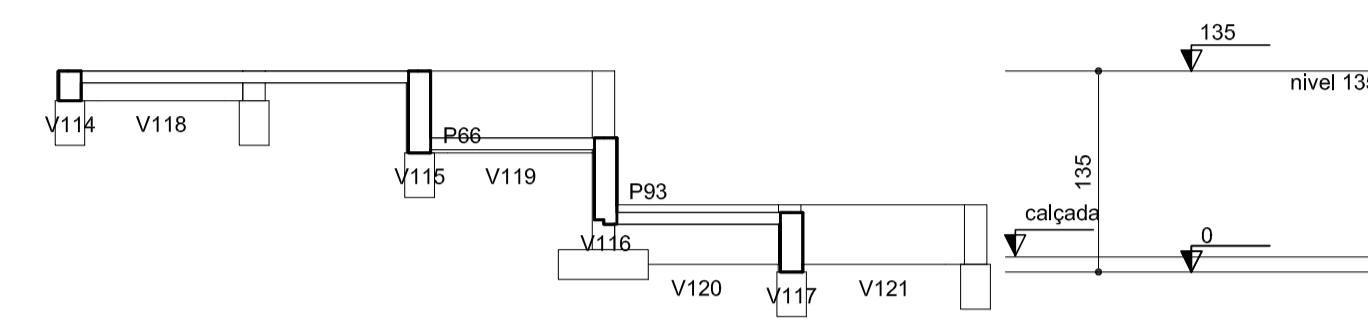
Corte C-C
escala 1:50



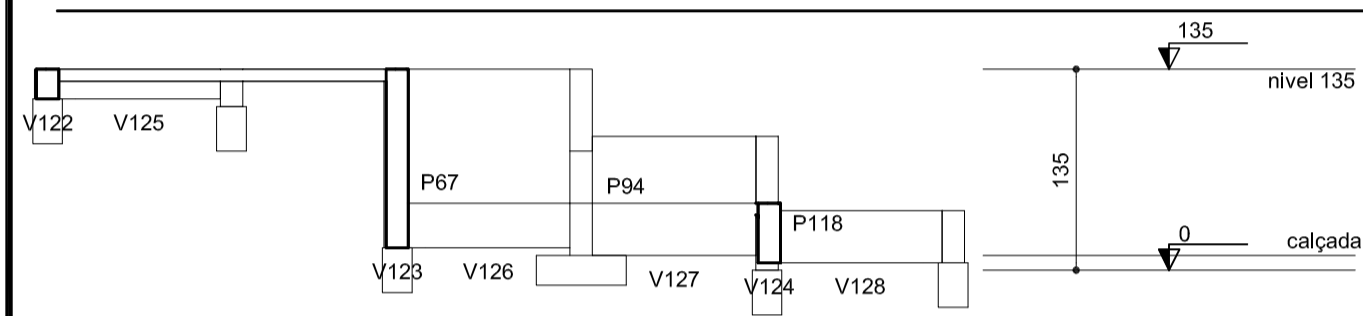
Corte D-D
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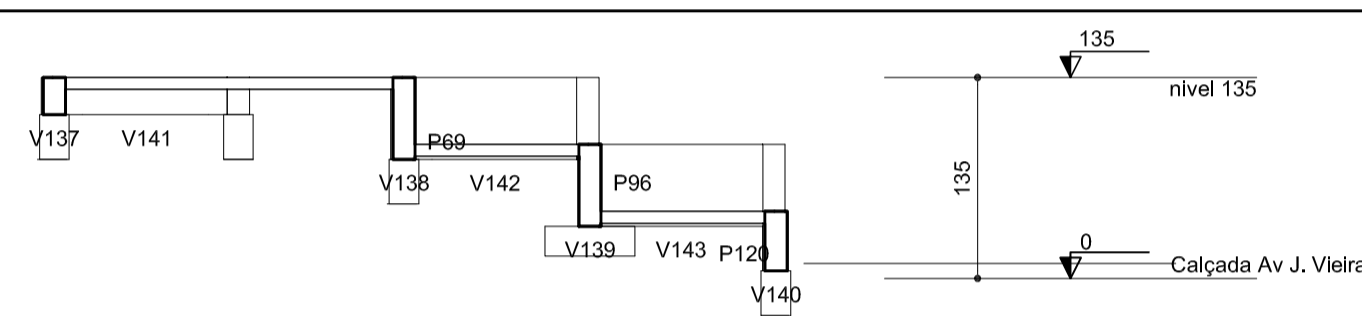
Corte E-E
escala 1:50



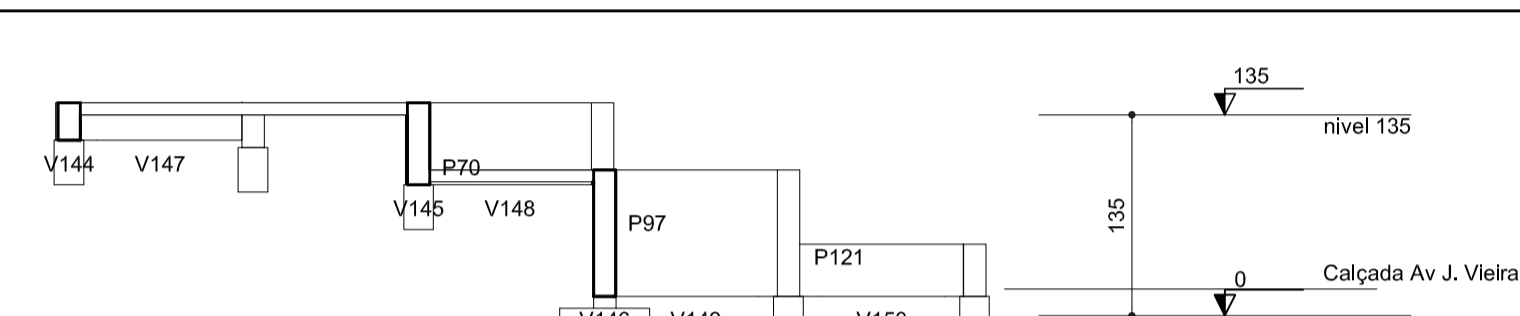
Corte F-F
escala 1:50



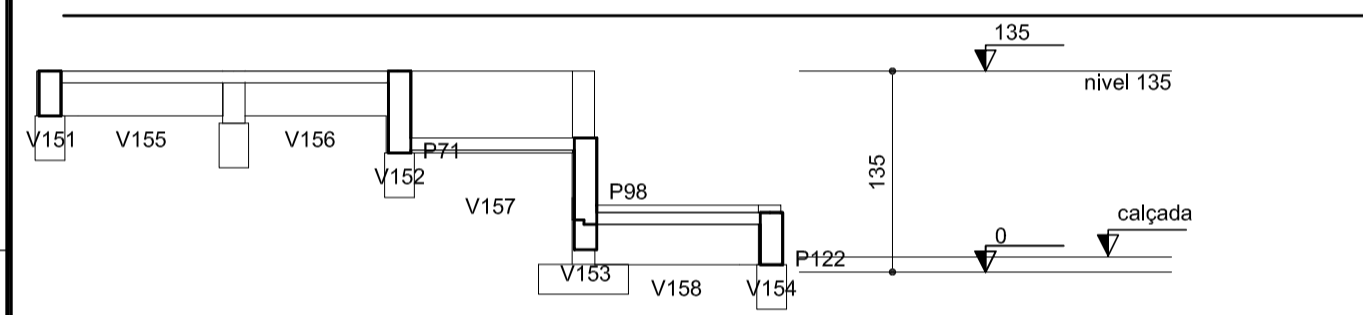
Corte G-G
escala 1:50



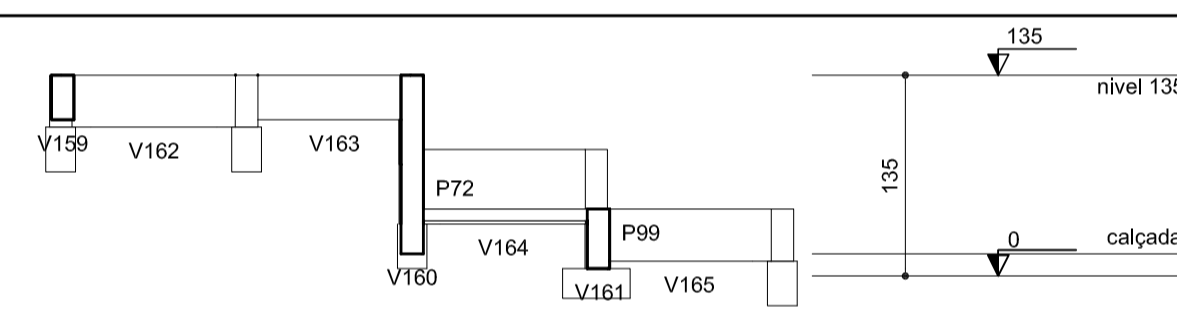
Corte H-H
escala 1:50



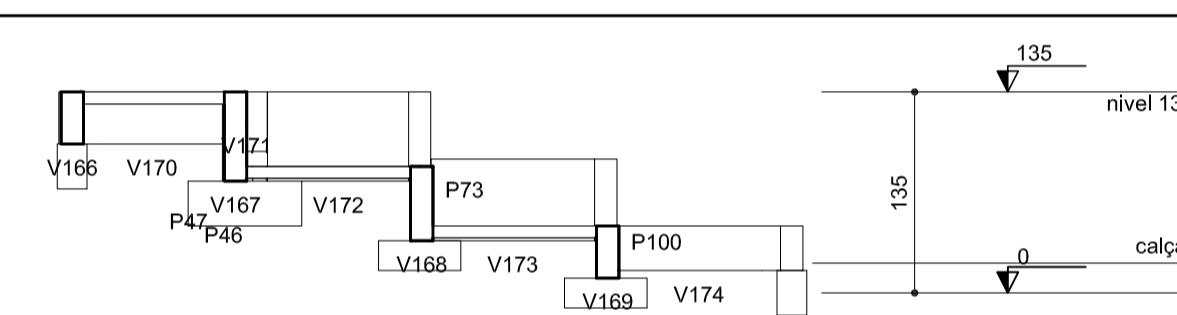
Corte I-I
escala 1:50



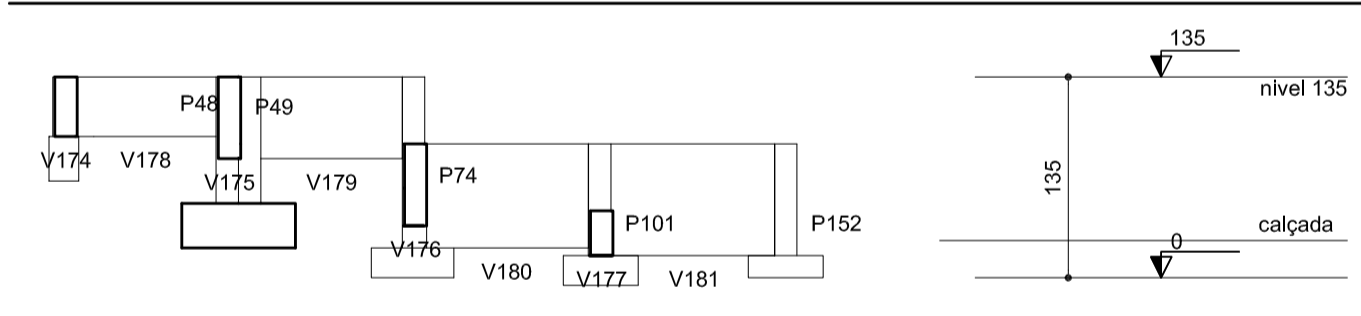
Corte J-J
escala 1:50



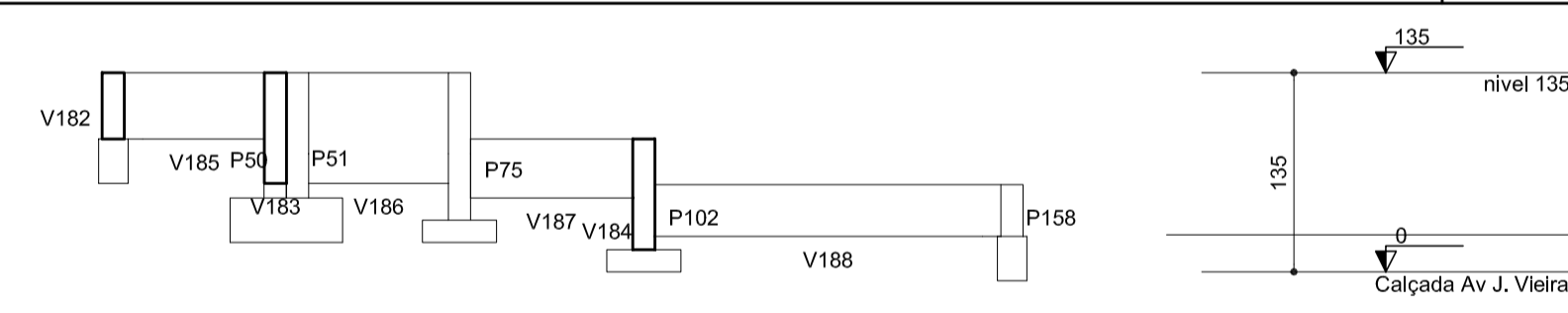
Corte K-K
escala 1:50



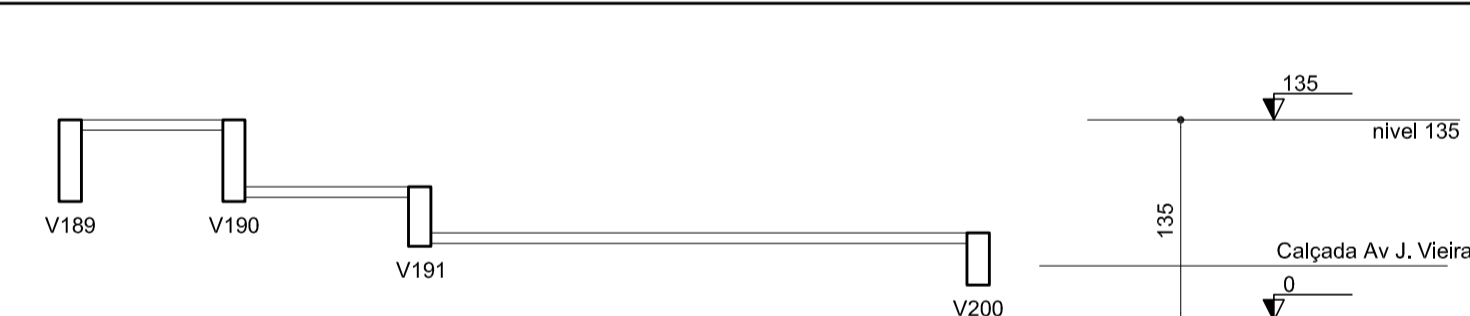
Corte L-L
escala 1:50



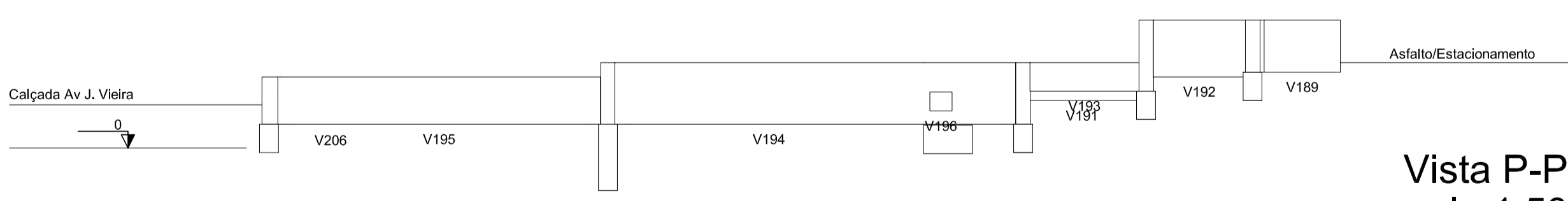
Corte M-M
escala 1:50



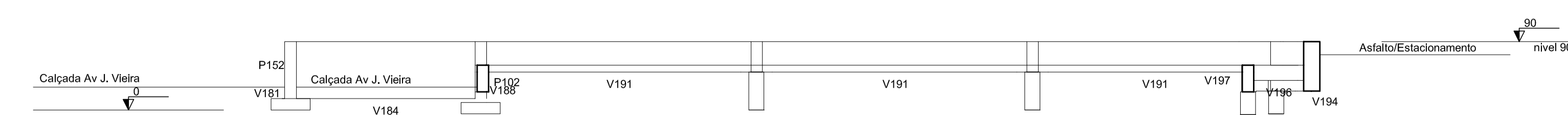
Corte N-N
escala 1:50



Corte O-O
escala 1:50



Vista P-P
escala 1:50



Corte Q-Q
escala 1:50

- OBSERVAÇÕES**
- O EXECUTOR DA OBRA DEVERÁ ESTUDAR TODO ESTE PROJETO ANTES DE INICIAR A EXECUÇÃO, BEM COMO TODOS OS PROJETOS DESTA OBRA.
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 - O ENGENHEIRO PROJETISTA ESTARÁ À DISPOSIÇÃO PARA QUALQUER ESCLARECIMENTO E APOIO TÉCNICO EM QUALQUER FASE DA OBRA. PORTANTO, EM CASO DE DÚVIDA NÃO DEIXE DE CONSULTAR O ENGENHEIRO
 - OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS
 - OS ELEMENTOS ESTRUTURAIS PODERÃO SER APOIADOS DIRETAMENTE NO SOLO/CALÇADA/ASFALTO



SECRETARIA DE INFRAESTRUTURA URBANA
UNIDADE DE BANCO DE PROJETOS

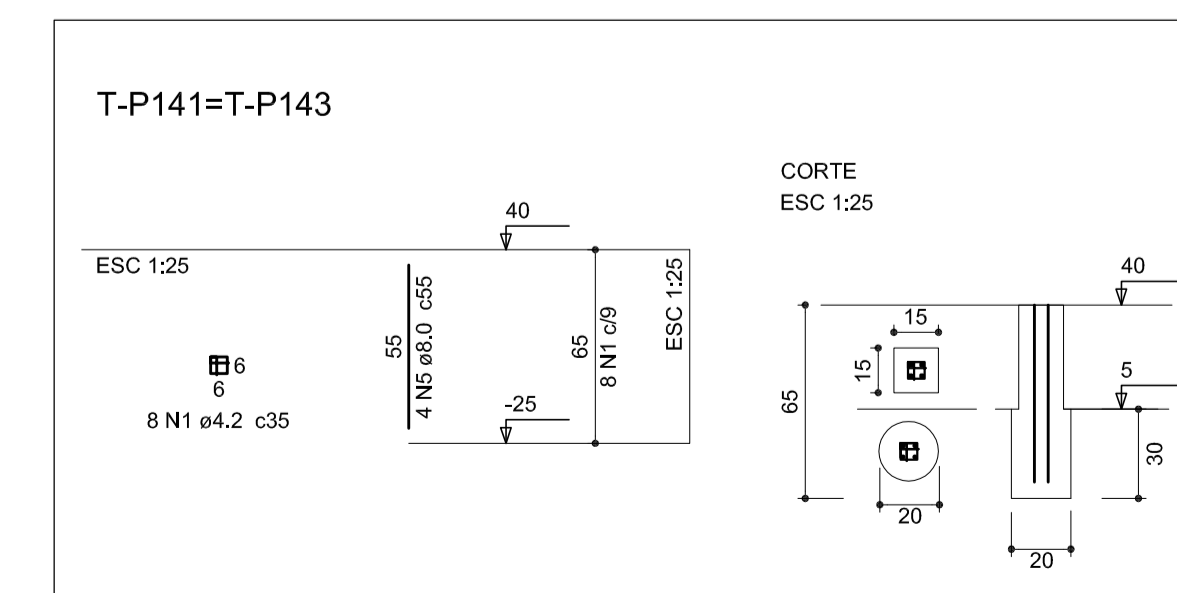
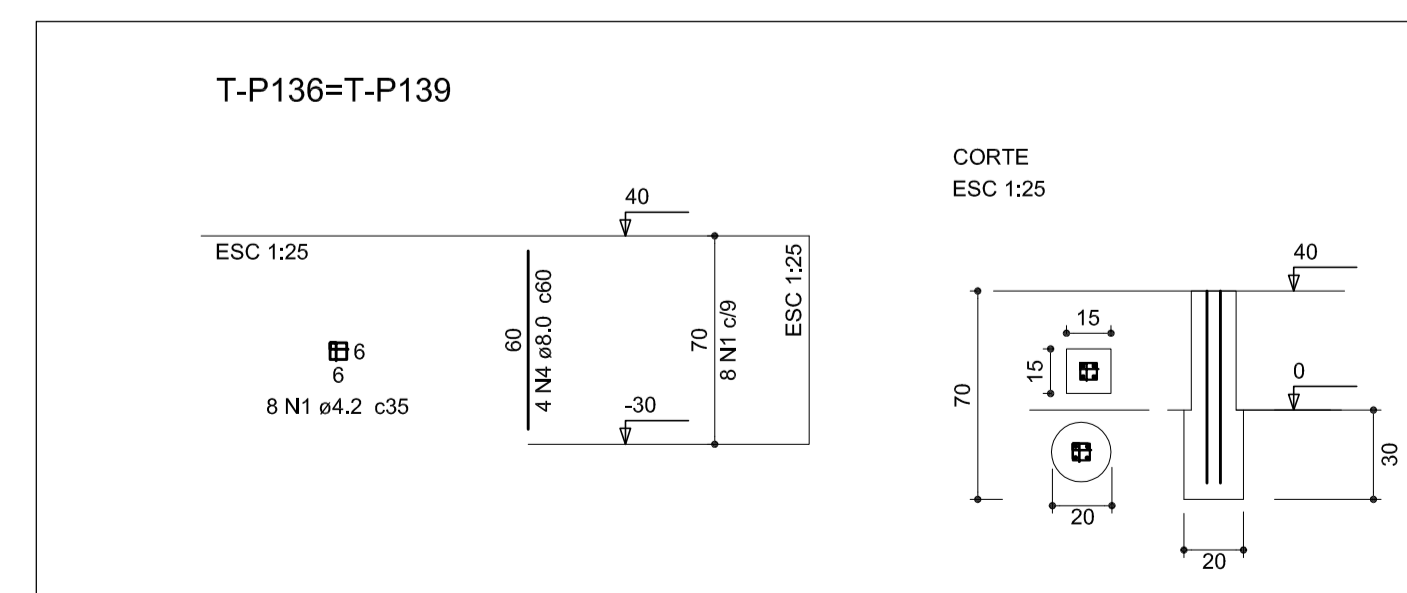
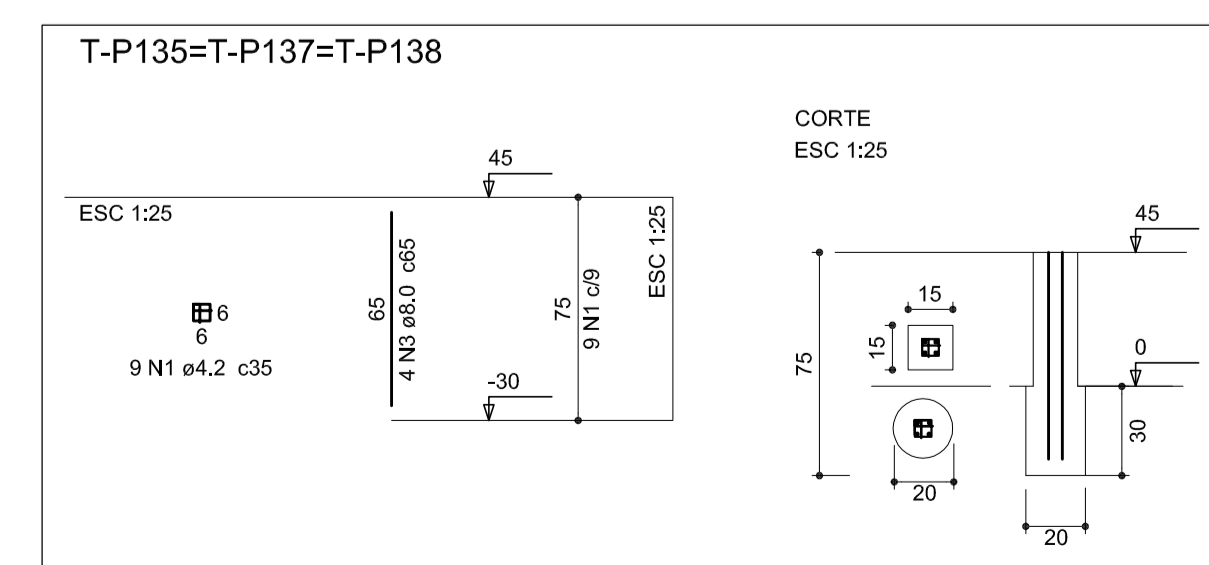
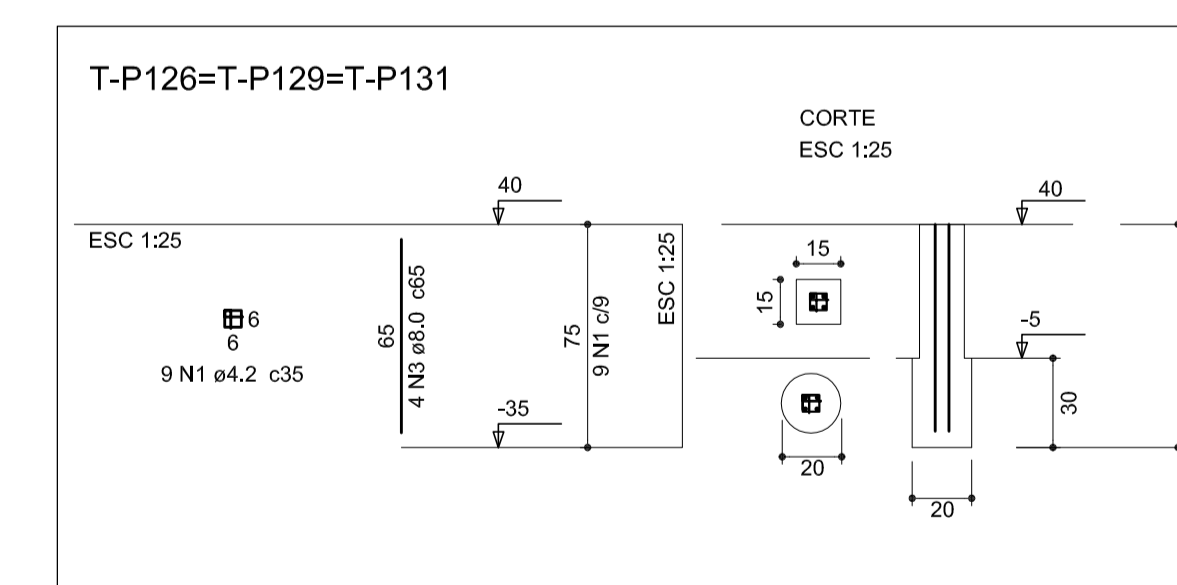
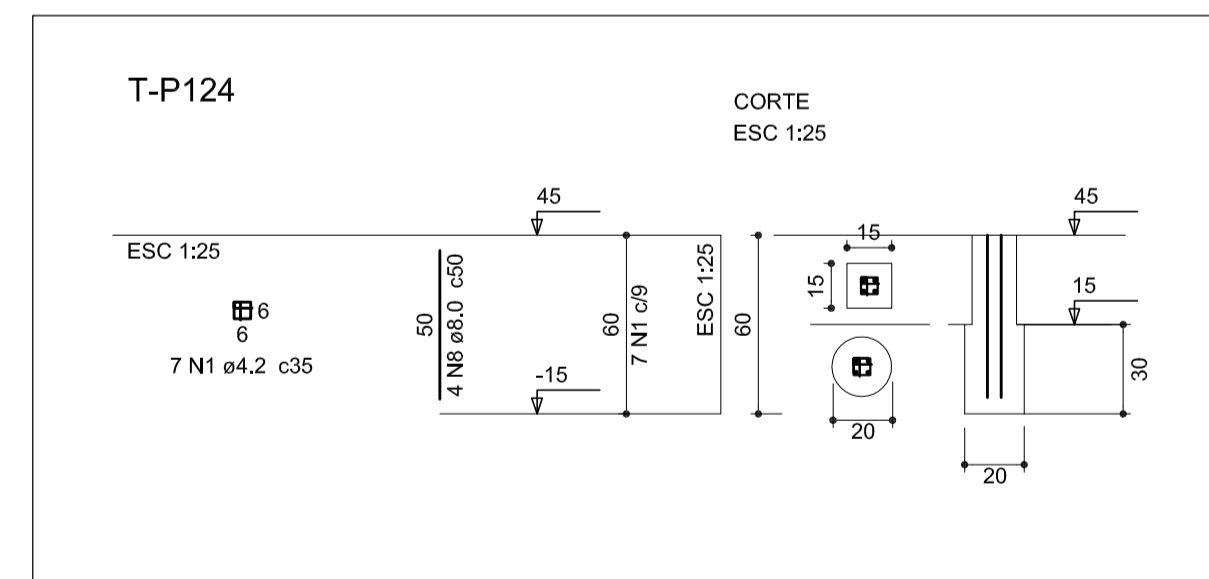
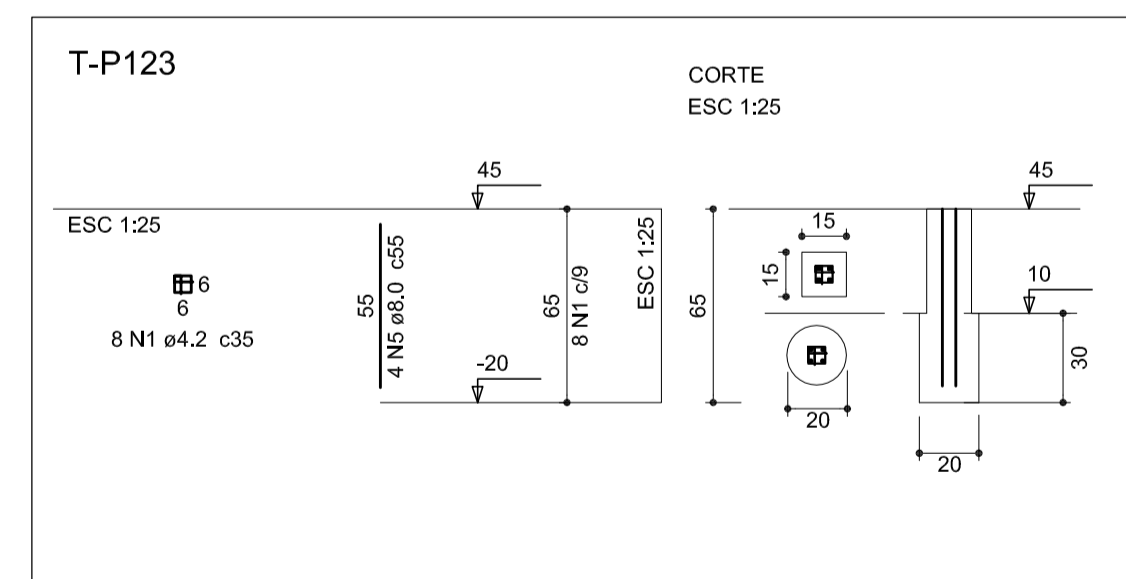
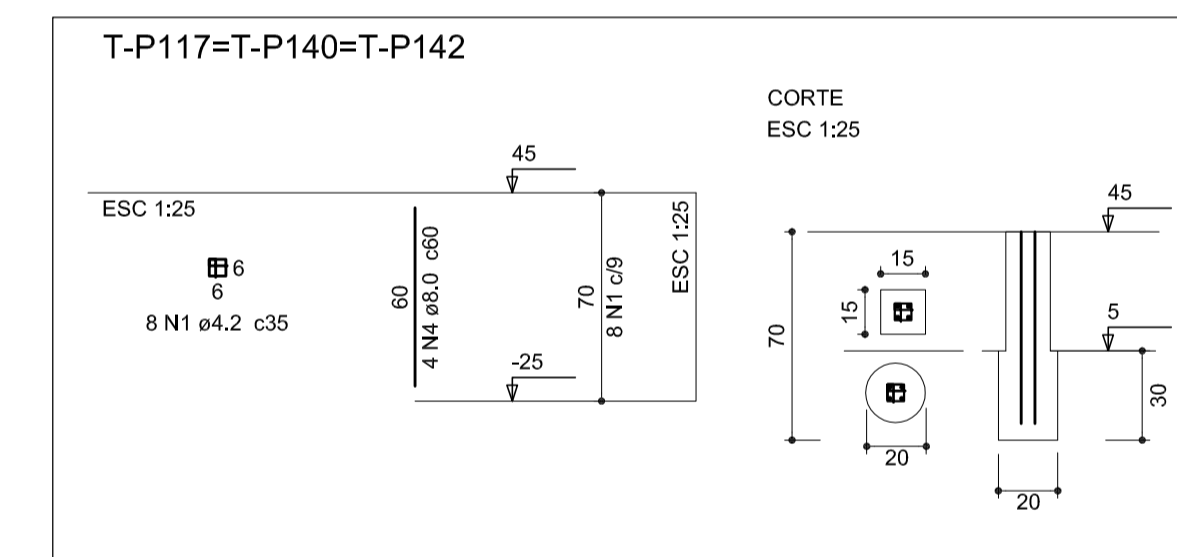
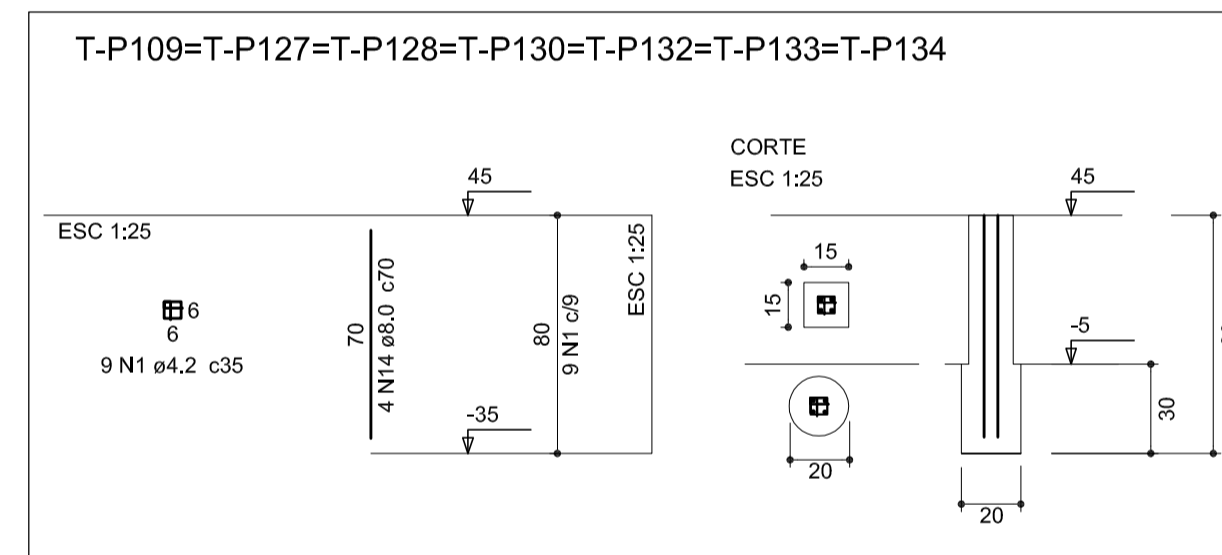
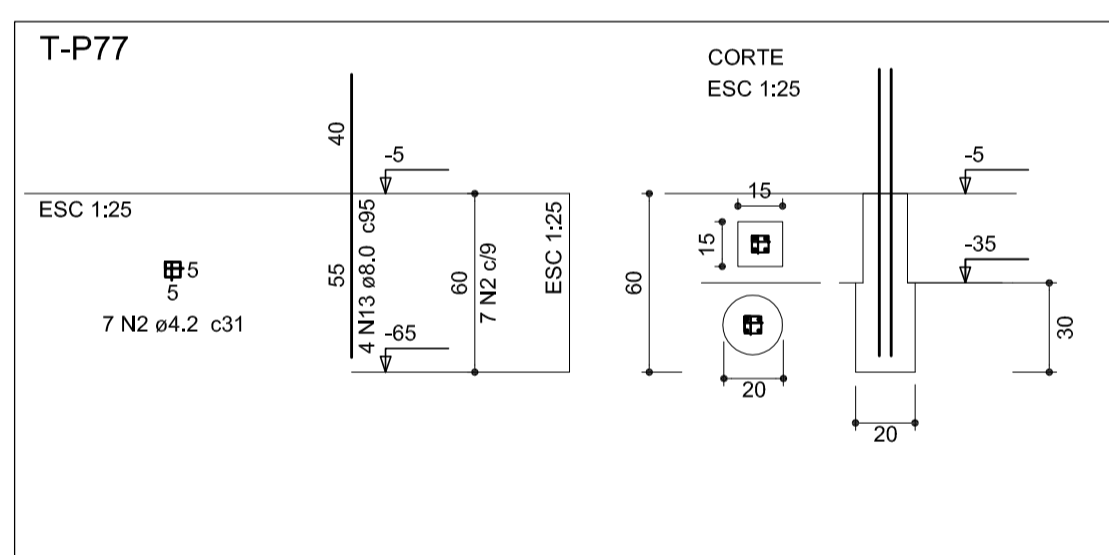
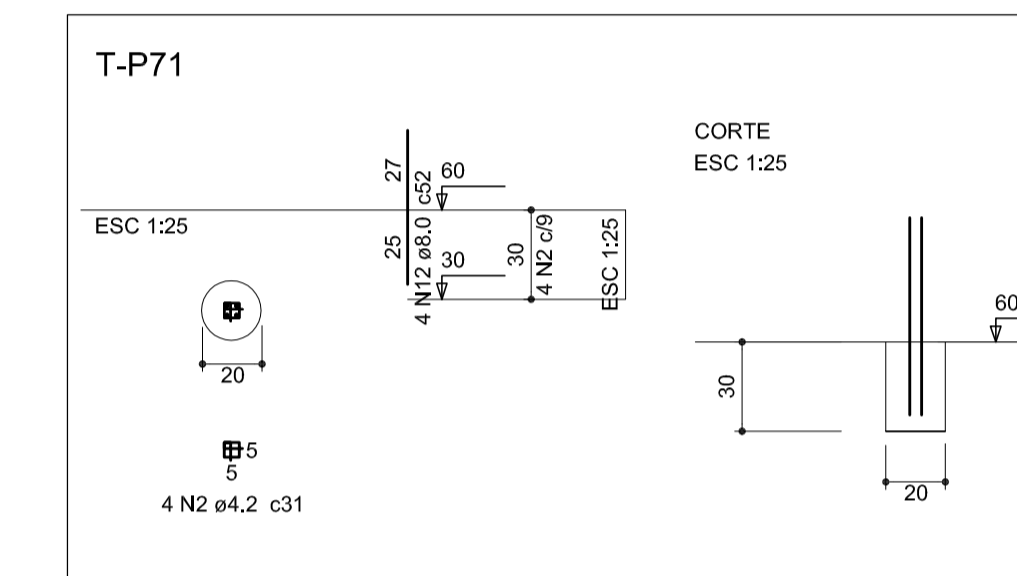
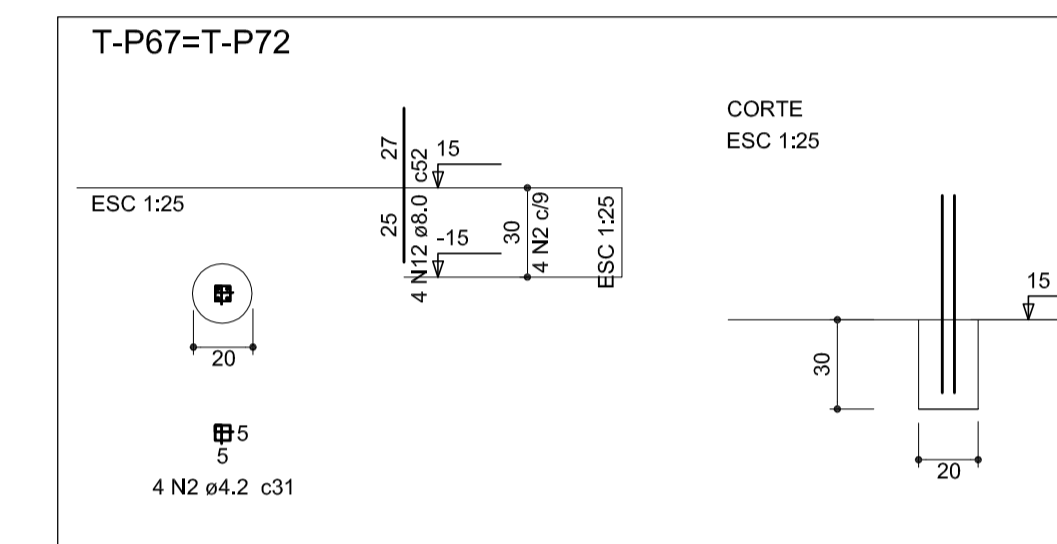
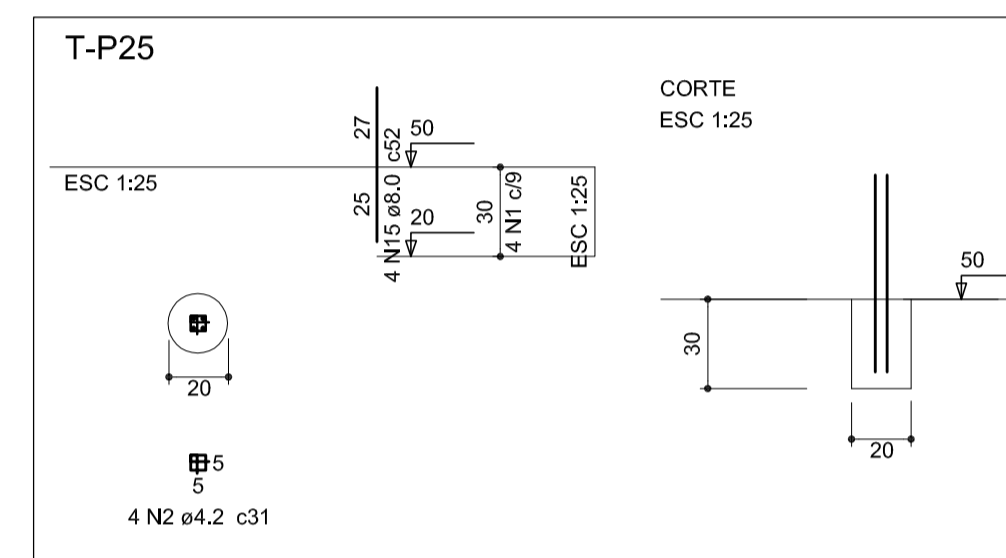
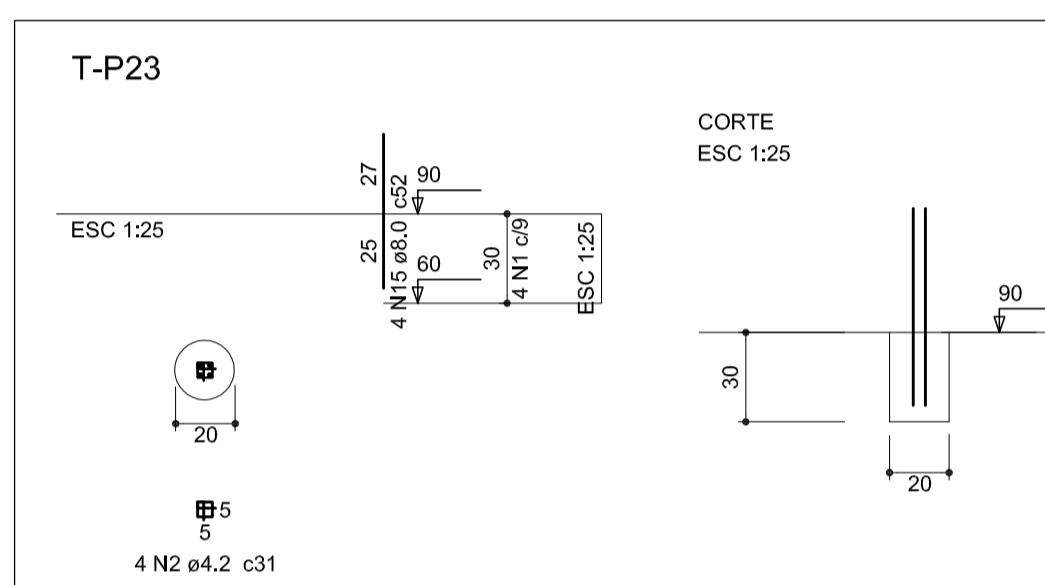
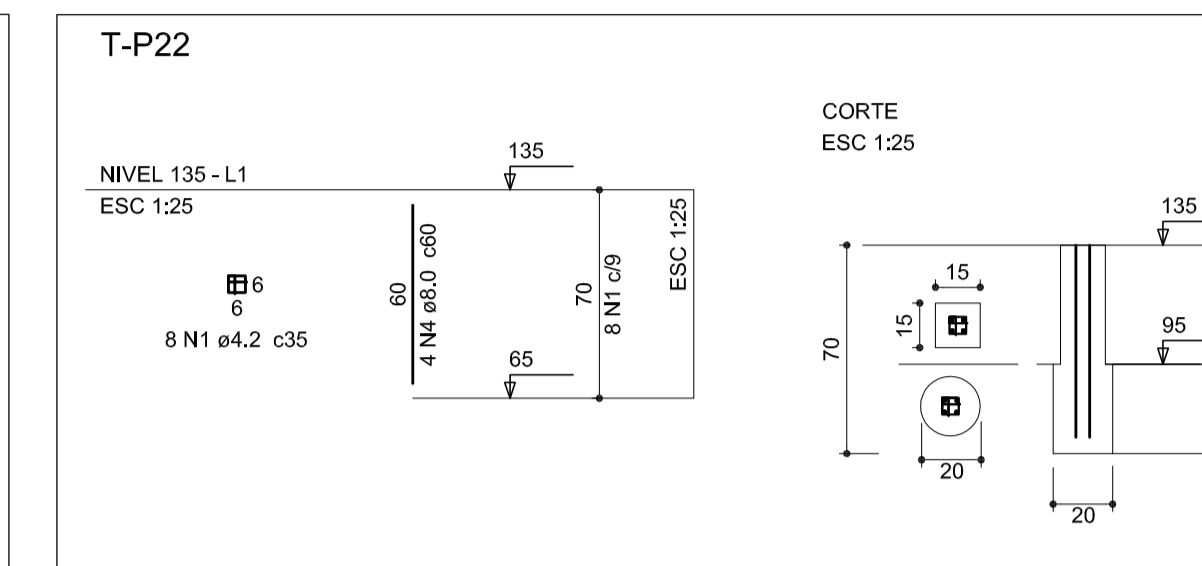
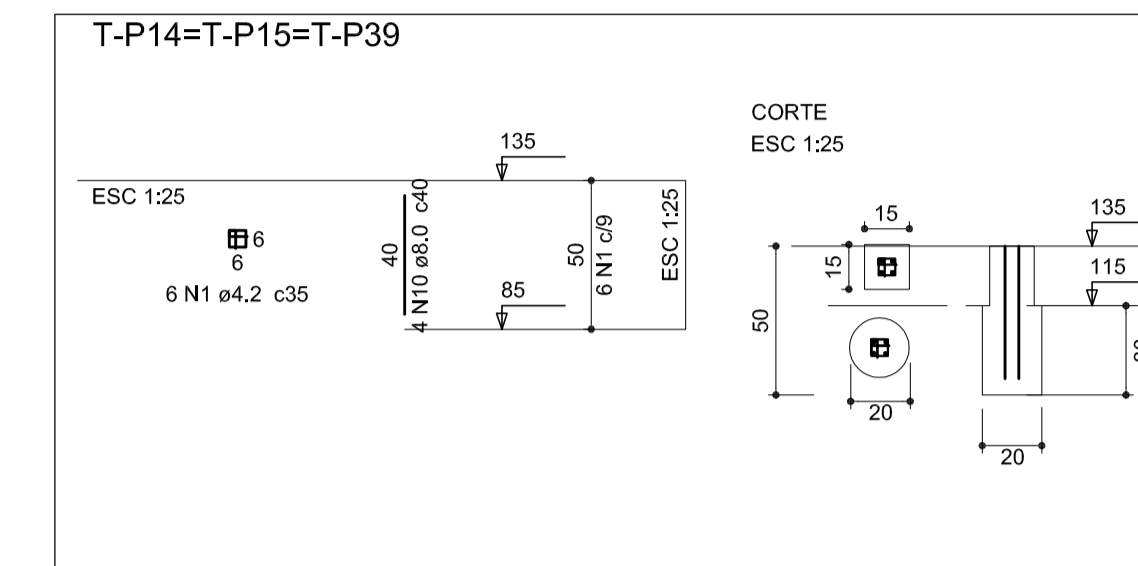
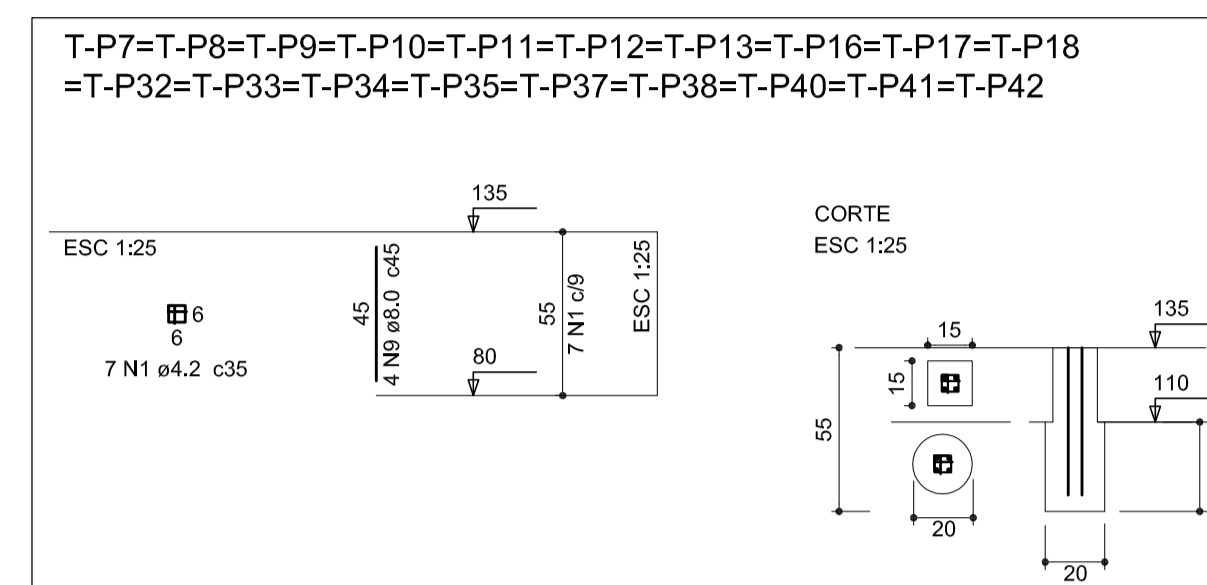
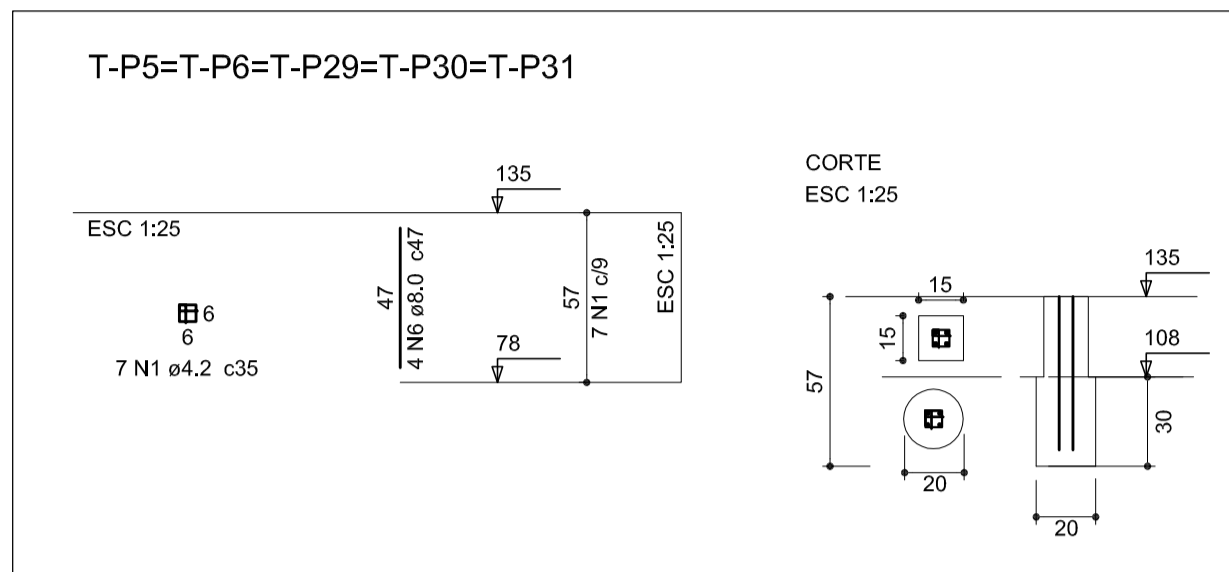
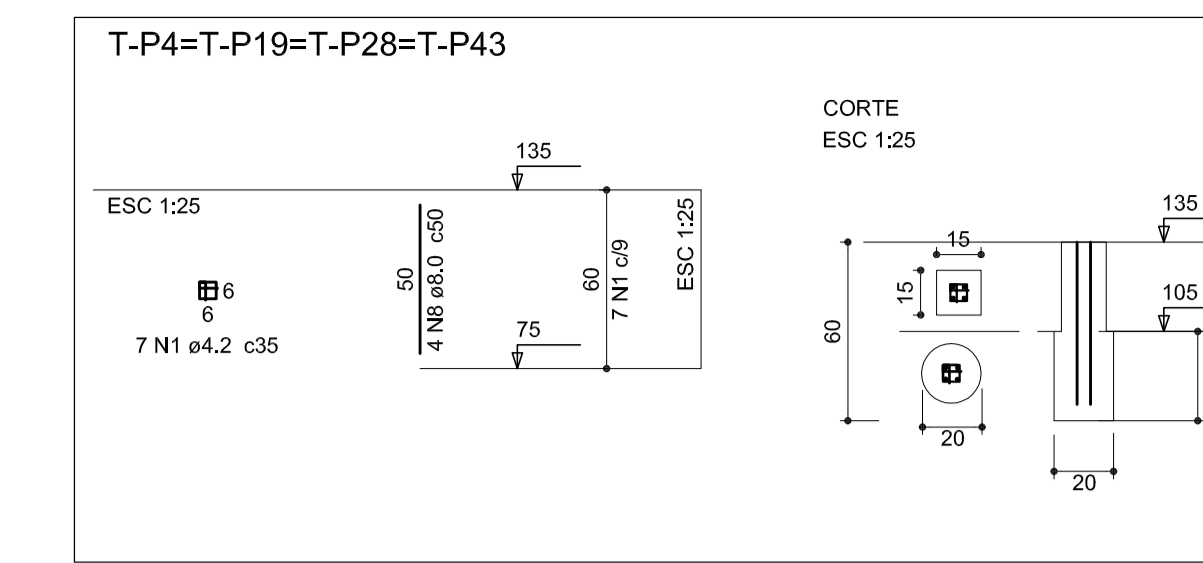
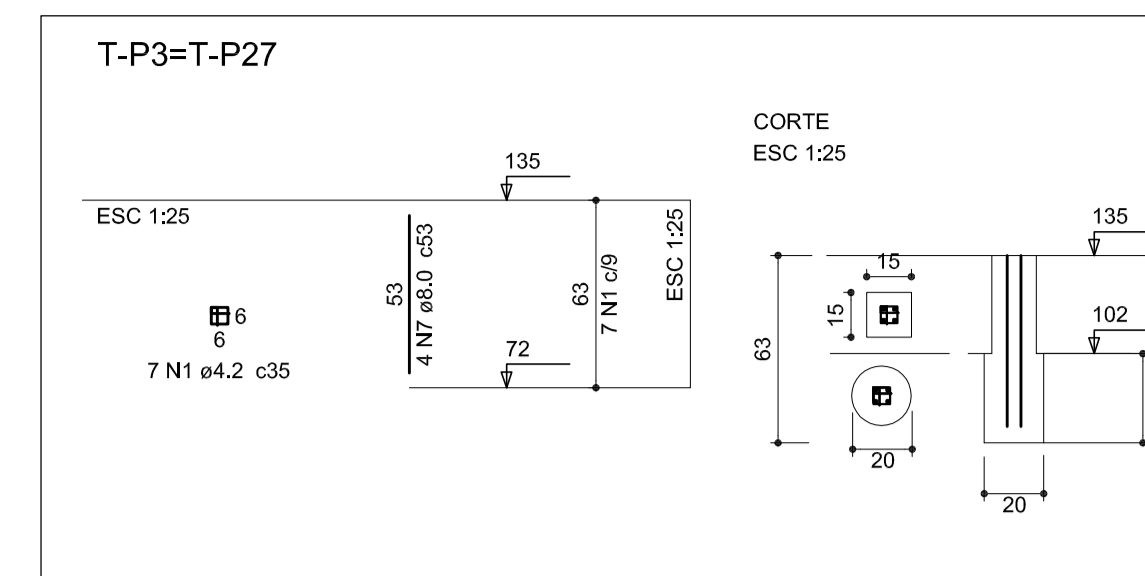
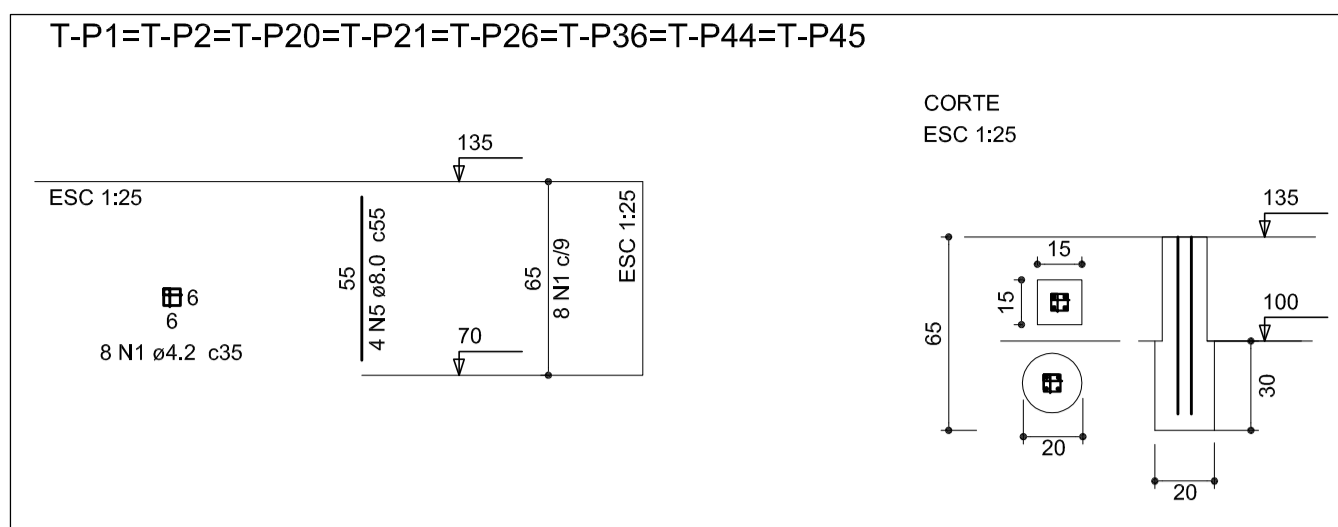
Projeto:		PROJETO DE ESTRUTURA Quadra da dança - Arquibancada avenida	
Conteúdo:		Cortes	
Autor:		Código:	
ALEXANDRE SMORE SILVA CREA: 42.999-7		Quadra dança - avenida.dwg	
Co-Autor:		Data:	Número Prancha:
		11/2022	05/17
Requerente:		Nota: Para o Código do Projeto Defina-se:	
Sepur		1 grupo - Execução do Projeto;	
Escola:		2 grupo - Secretaria, Fundação entre outros;	
Indicada		3 grupo - Tipo de Projeto;	
Desenhista CAD:		4 grupo - Nome do Projeto (5 letras)	
Alexandre		5 grupo - Número do Projeto;	
		6 grupo - Revisão / Ano.	

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	4.2	468	35	17080
	2	4.2	27	31	837
CA50	3	8.0	24	65	1560
	4	8.0	24	60	1440
	5	8.0	44	55	2420
	6	8.0	20	47	940
	7	8.0	8	53	424
	8	8.0	20	50	1000
	9	8.0	76	45	3420
	10	8.0	12	40	480
	11	8.0	4	75	300
	12	8.0	8	52	416
	13	8.0	4	95	380
	14	8.0	28	70	1960
	15	8.0	8	52	416

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	151.4	65.7
CA60	4.2	182.7	21.8
PESO TOTAL (kg)			
CA50			65.7
CA60			21.8

Volume de concreto estacas (C-30) = 0.66 m³



-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS

-OS ELEMENTOS ESTRUTURAIS PODERÃO SER APOIADOS DIRETAMENTE NO SOLO/ALÇADA/ASFALTO



SECRETARIA DE INFRAESTRUTURA URBANA
UNIDADE DE BANCO DE PROJETOS

Projeto: PROJETO DE ESTRUTURA
Quadra da dança - ArquiBancada avenida

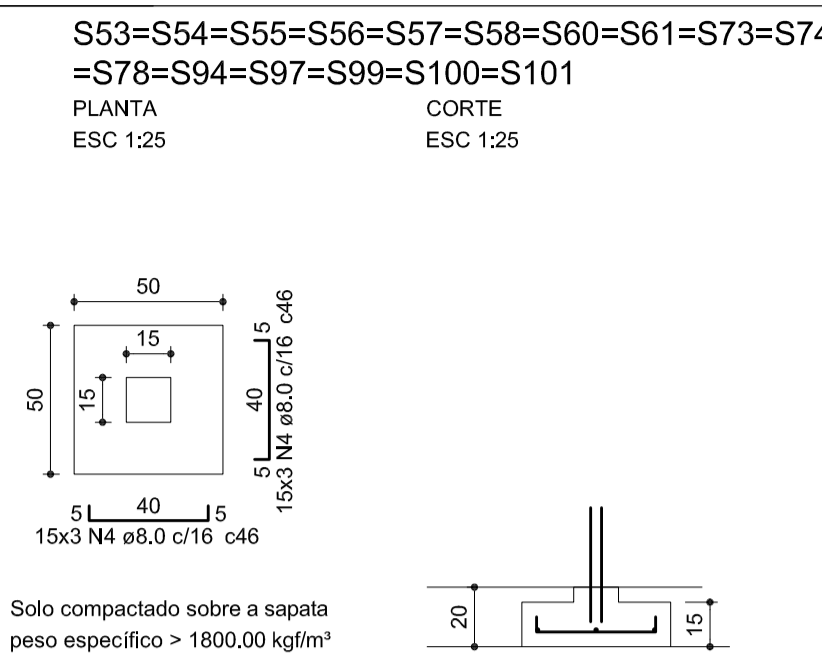
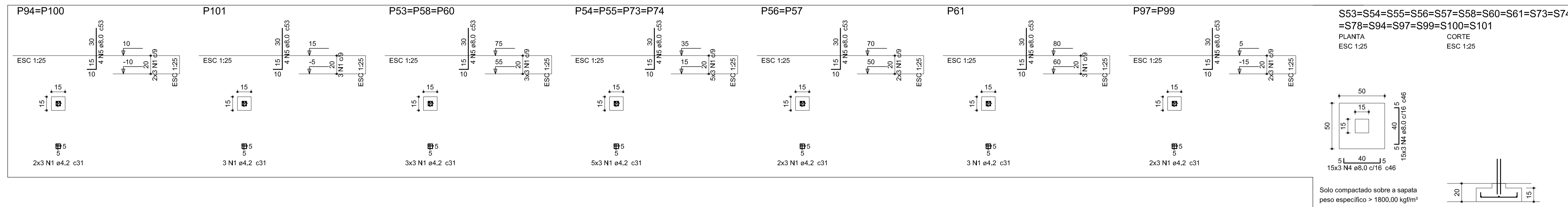
Conteúdo: Fundações 1 de 3

Autores: ALEXANDRE SMORE SILVA CREA: 42.399-7
Ass.:
Co-Autor: Ass.:

Código: Quadra dança - avenida.dwg
Data: 11/2022
Número Prancha: 6/17

Requerente: Sepur
Escola: Indicação: Alexandre

Nota: Para o Código do Projeto Defina-se:
1 grupo - Execução do Projeto;
2 grupo - Secretaria, Fundação entre outros;
3 grupo - Tipo de Projeto;
4 grupo - Nome do Projeto (5 letras)
5 grupo - Número do Projeto;
6 grupo - Revisão / Ano.



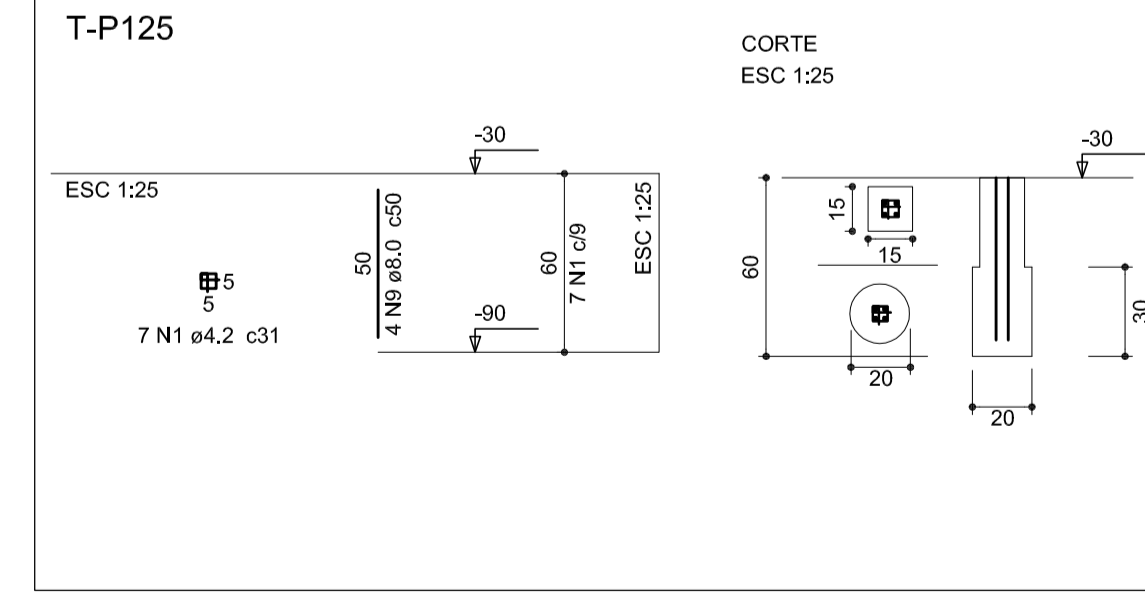
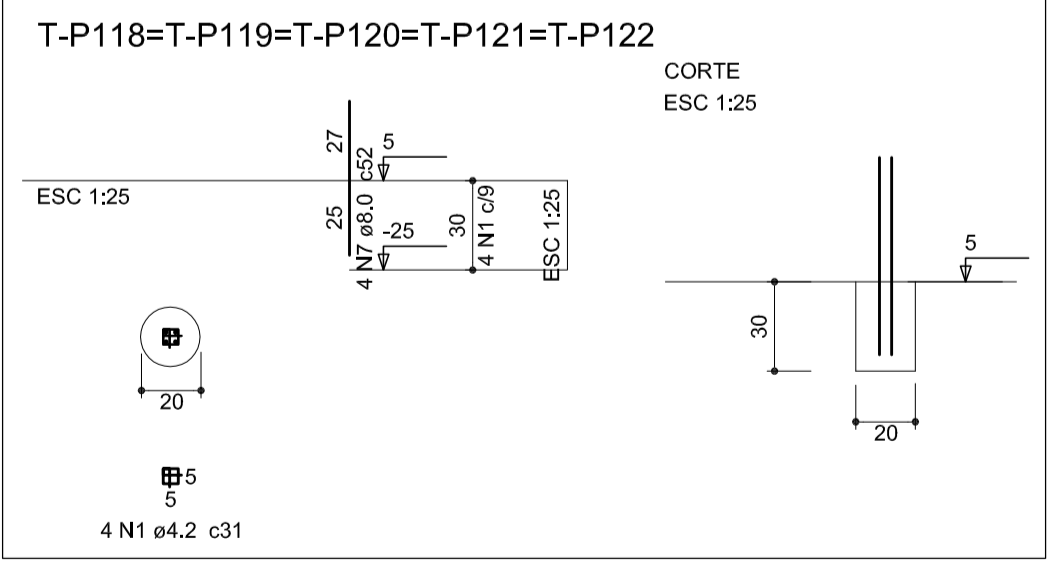
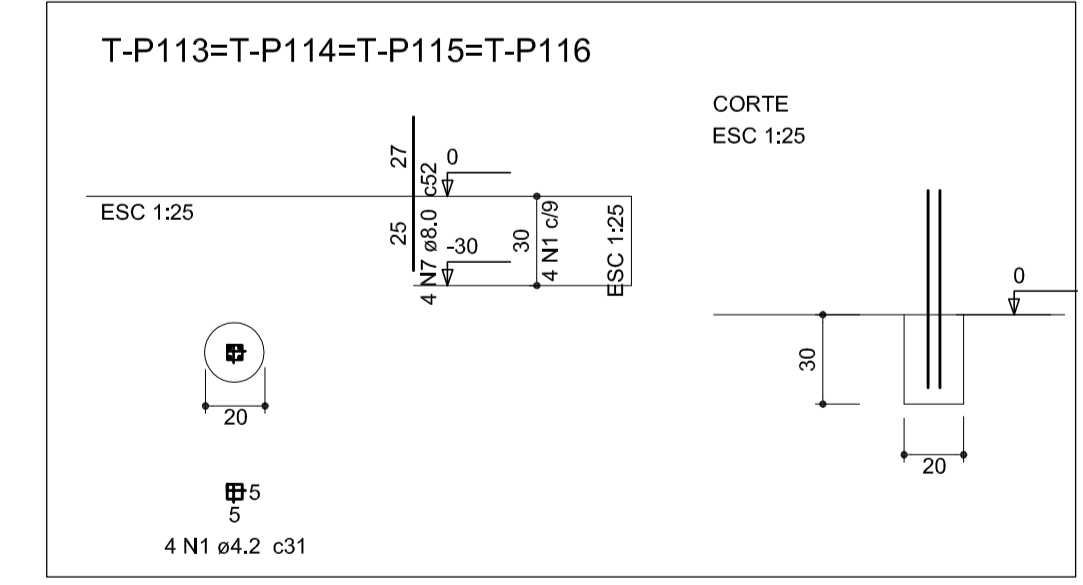
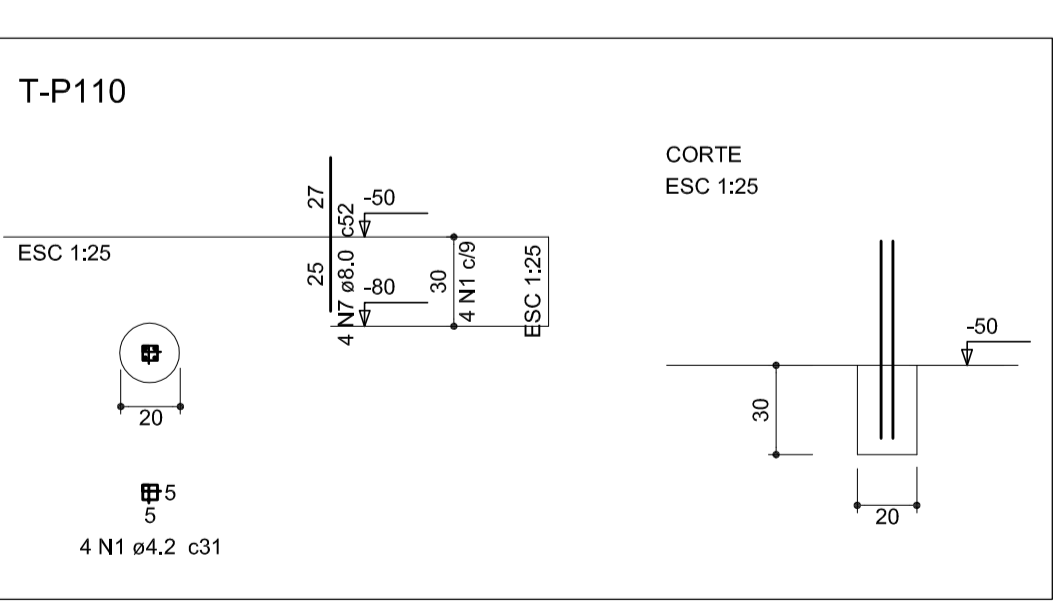
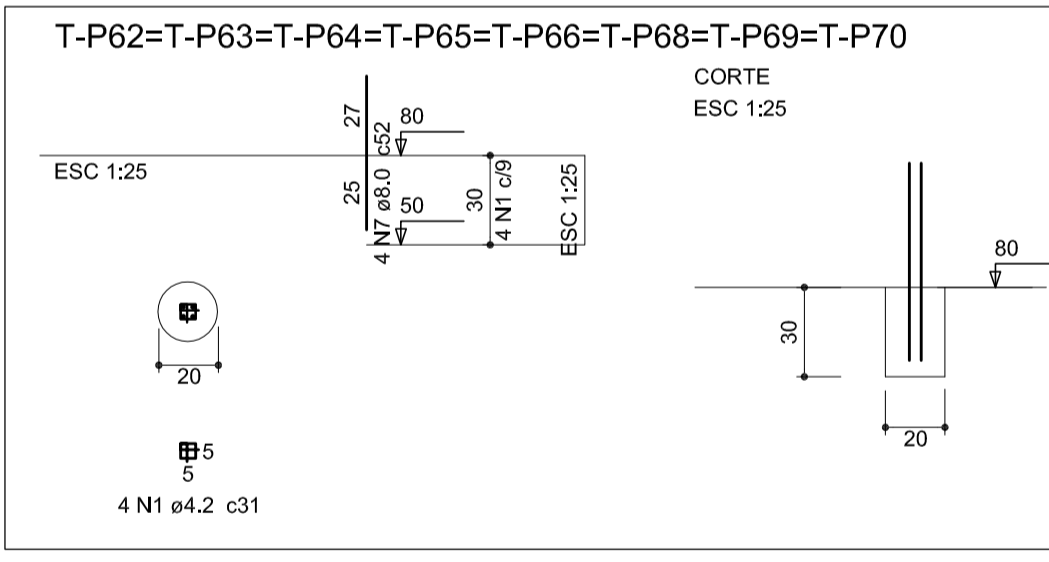
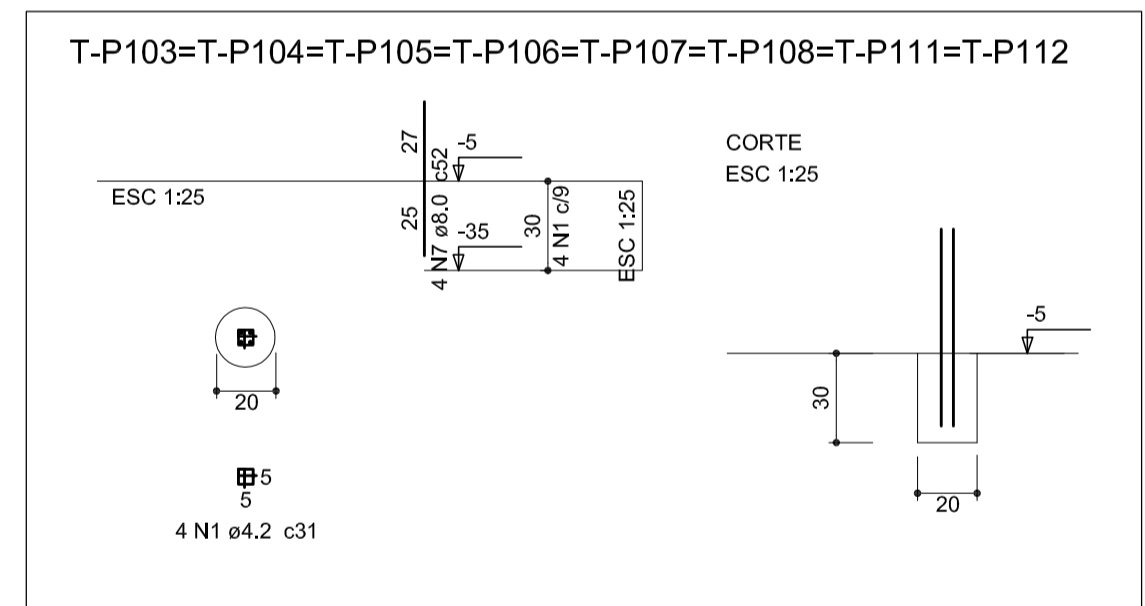
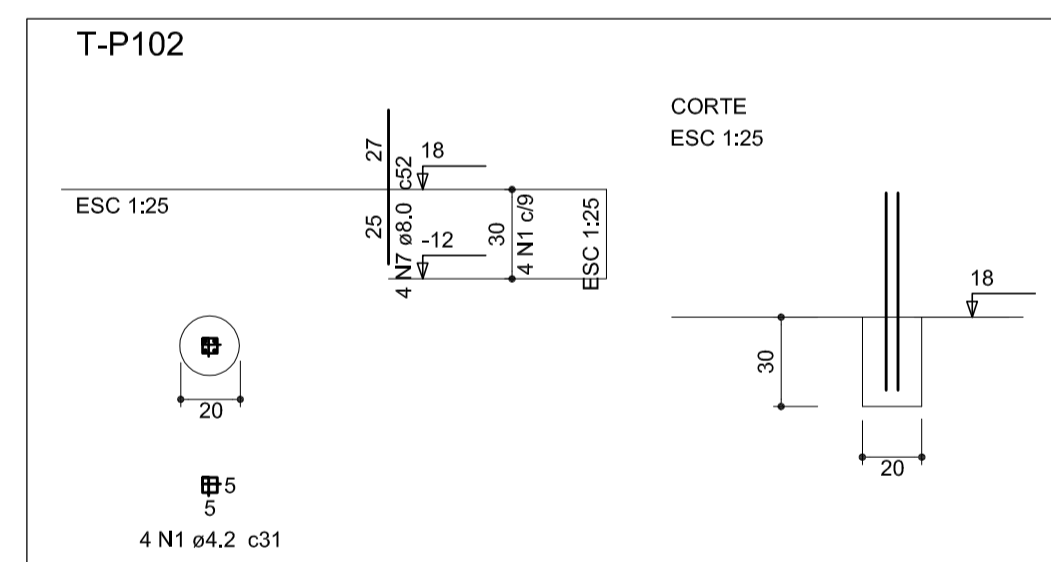
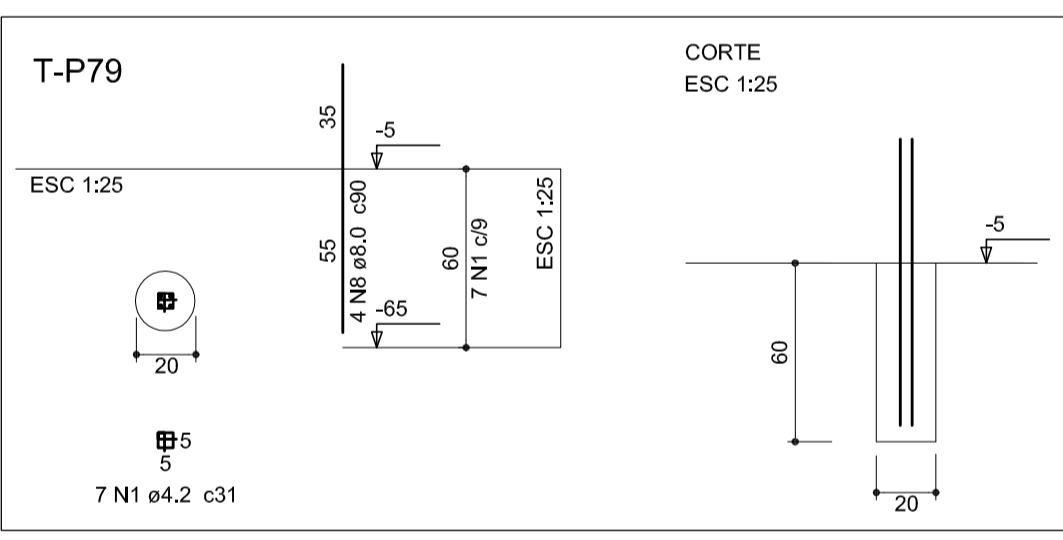
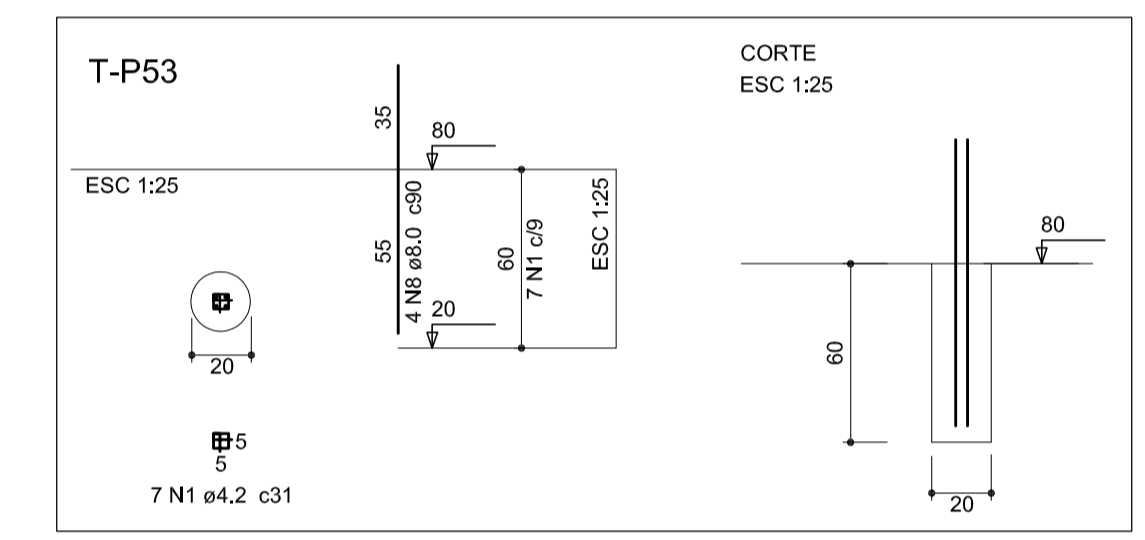
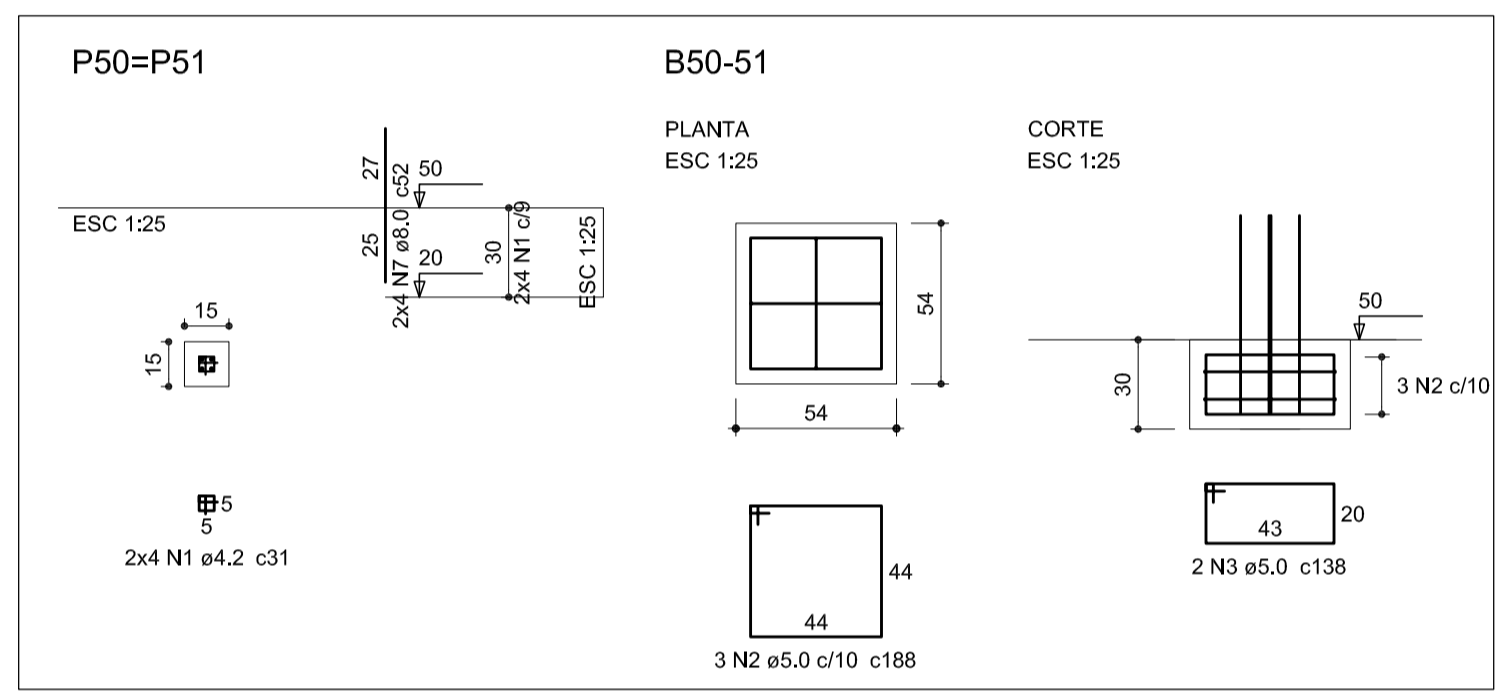
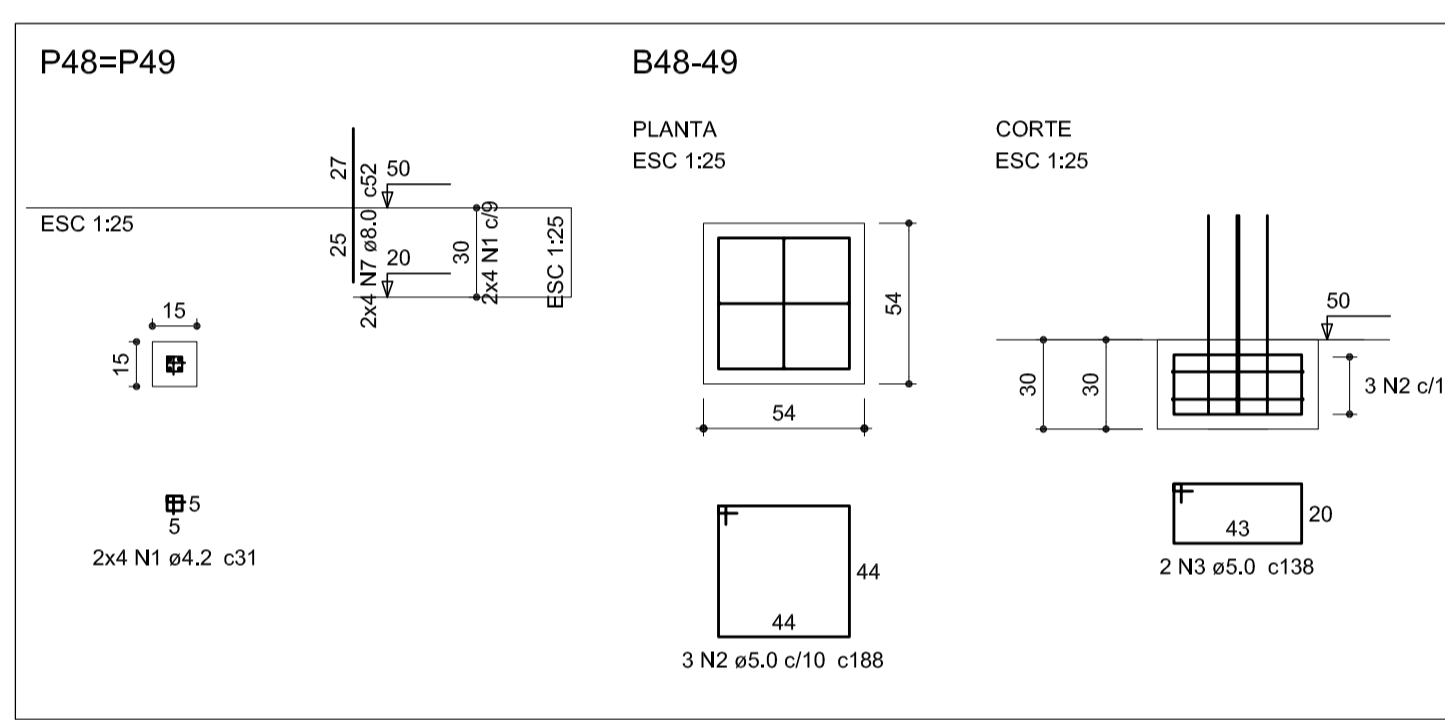
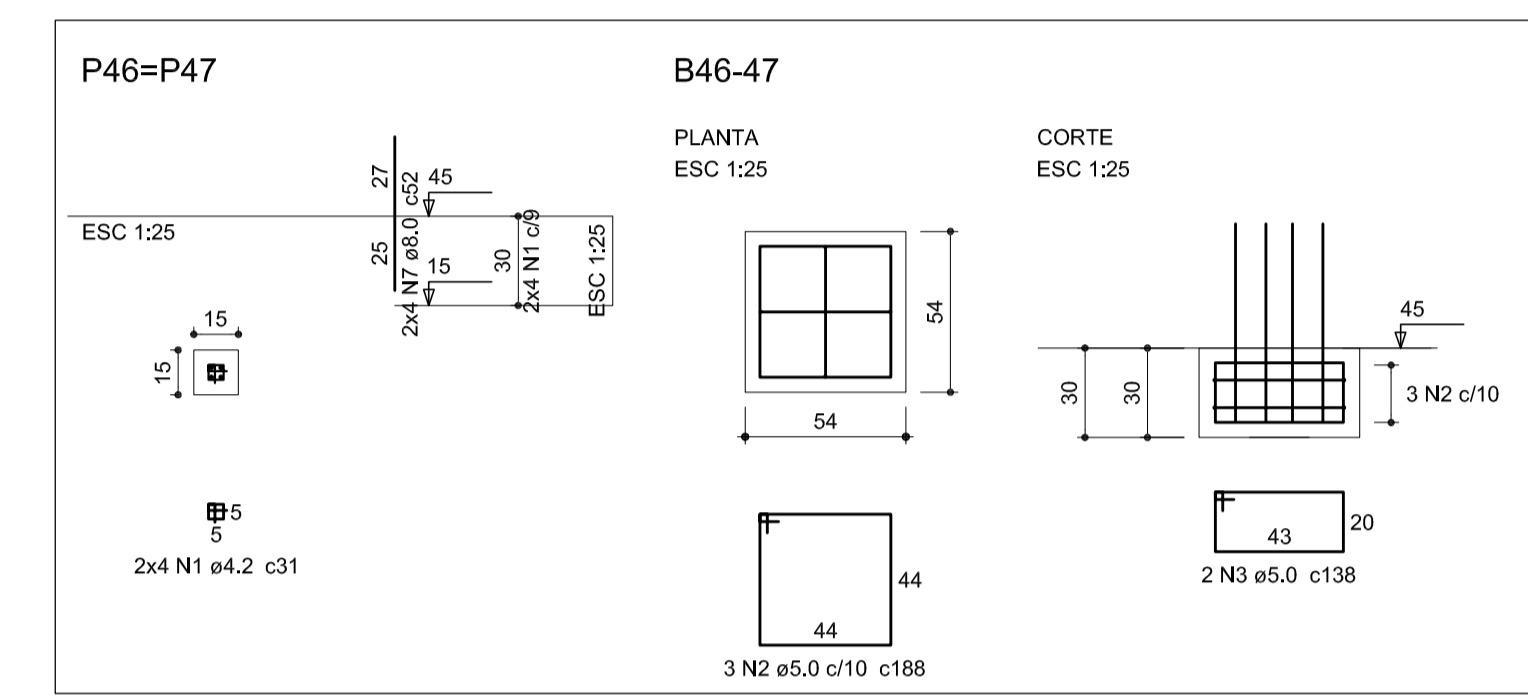
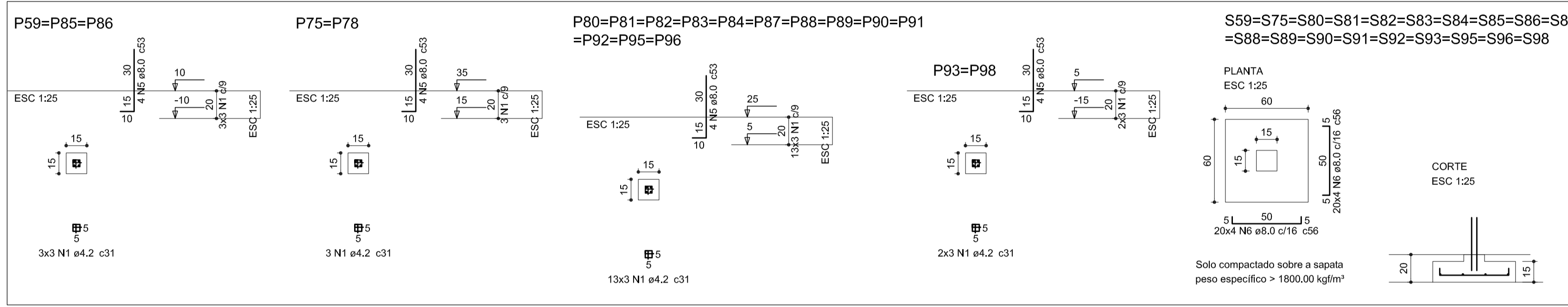
Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	4.2	271	31	8401
	2	5.0	9	188	1692
	3	5.0	6	138	828
CA50	4	8.0	90	46	4140
	5	8.0	136	53	7208
	6	8.0	160	56	8960
	7	8.0	140	52	7280
	8	8.0	8	90	720
	9	8.0	4	50	200

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	287.6	124.8
CA60	4.2	82.8	9.9
	5.0	25.2	4.3
PESO TOTAL (kg)			
CA50			124.8
CA60			14.2

Volume de concreto blocos e sapatas (C-30) = 1.89 m³
 Volume de concreto estacas (C-30) = 0.34 m³
 Área de forma = 14.04 m²



-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS
 -OS ELEMENTOS ESTRUTURAIS PODERÃO SER APOIADOS DIRETAMENTE NO SOLO/CALÇADA/ASFALTO

SECRETARIA DE INFRAESTRUTURA URBANA
 UNIDADE DE BANCO DE PROJETOS

Projeto: PROJETO DE ESTRUTURA
 Quadra da dança - Arquibancada avenida

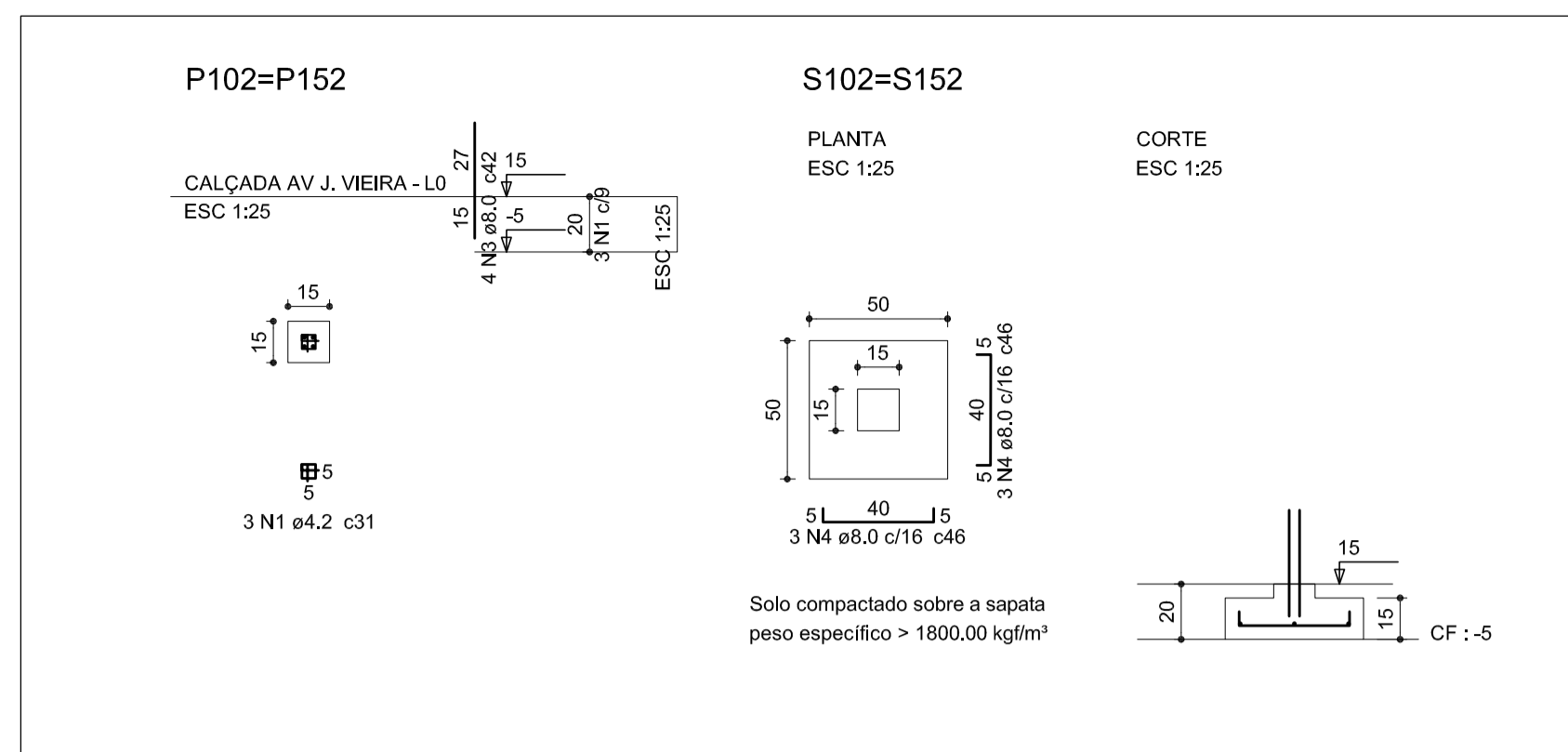
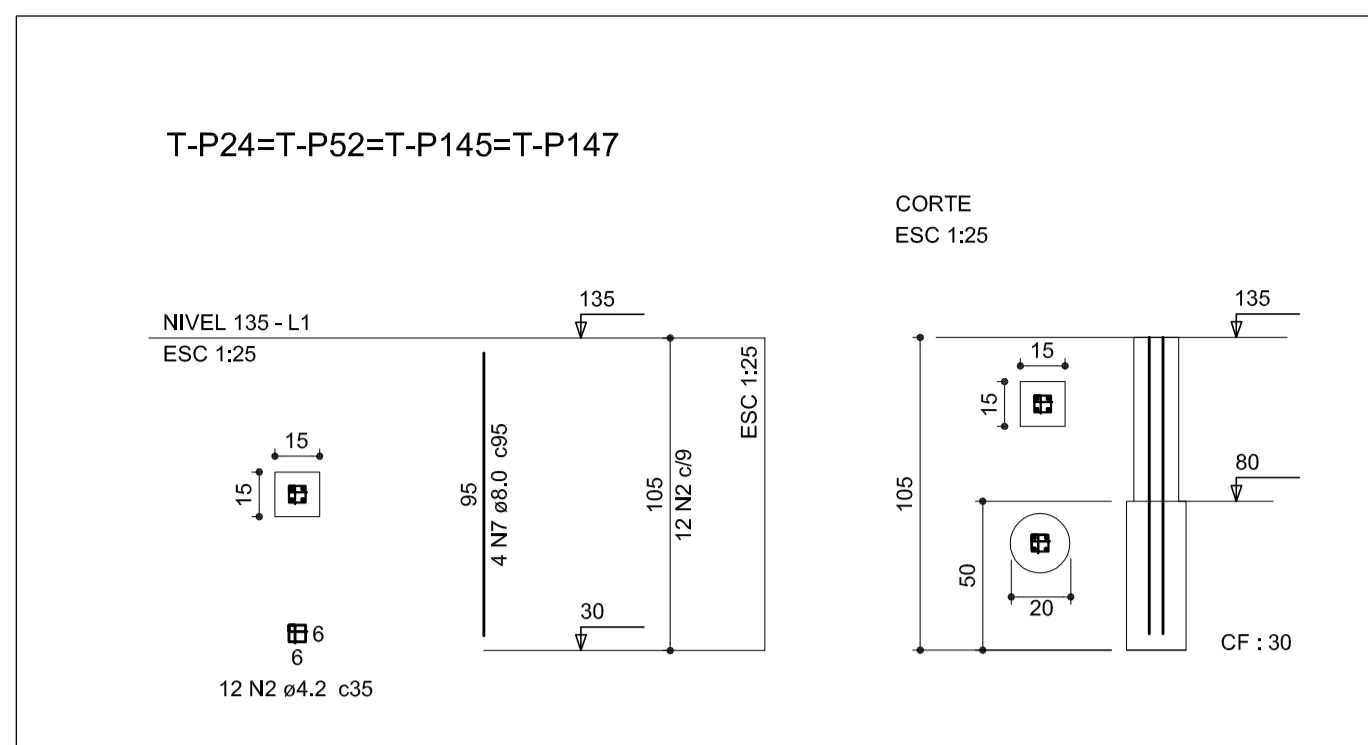
Conteúdo: Fundações 2 de 3

Autores: ALEXANDRE SMORE SILVA CREA: 42.399-7
 Ass.:
 Co-Autor: Ass.:

Código: Quadra dança - avenida.dwg
 Data: 11/2022
 Número Prático: 07/17

Requerente: Sepur
 Escola: Indicação: Alexandre

Nota: Para o Código do Projeto Defina-se:
 1 grupo - Execução do Projeto;
 2 grupo - Secretaria, Fundação entre outros;
 3 grupo - Tipo de Projeto;
 4 grupo - Nome do Projeto (5 letras);
 5 grupo - Número do Projeto;
 6 grupo - Revisão / Ano.



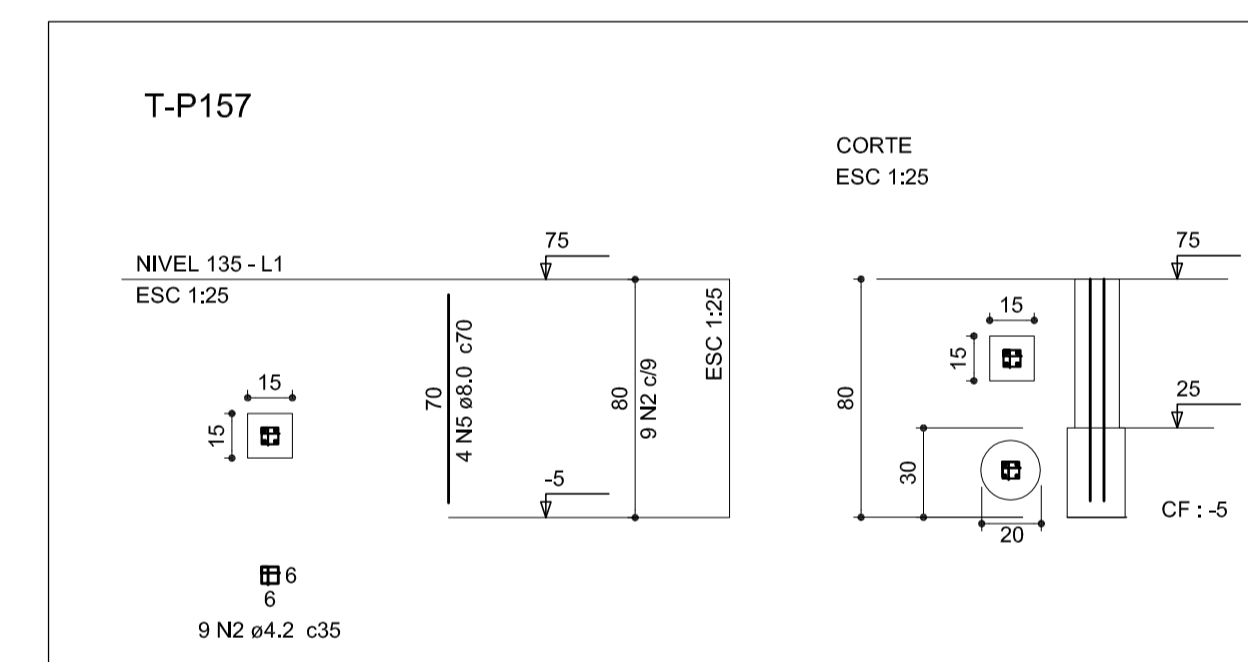
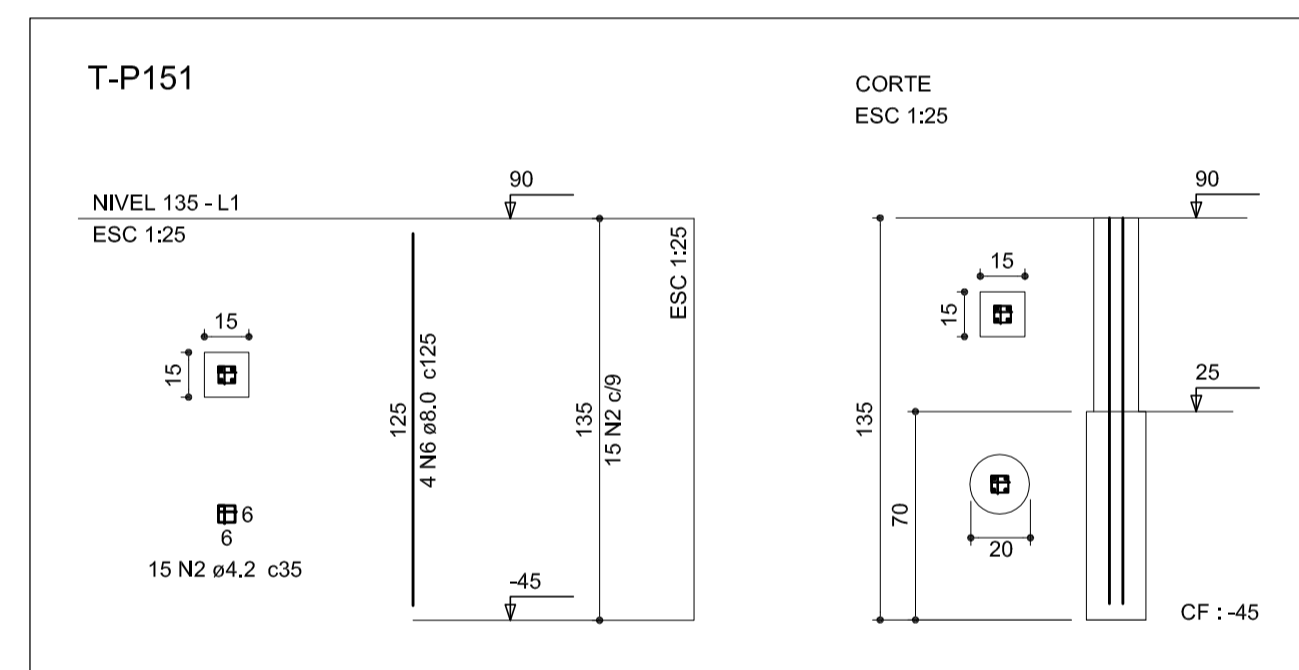
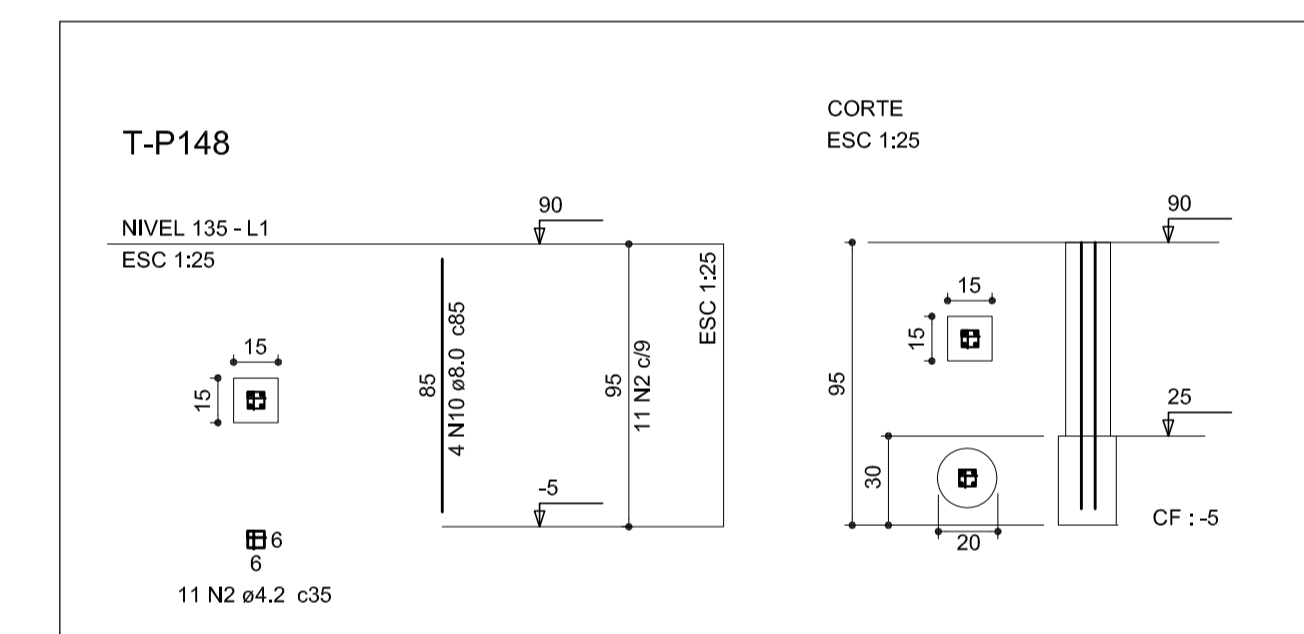
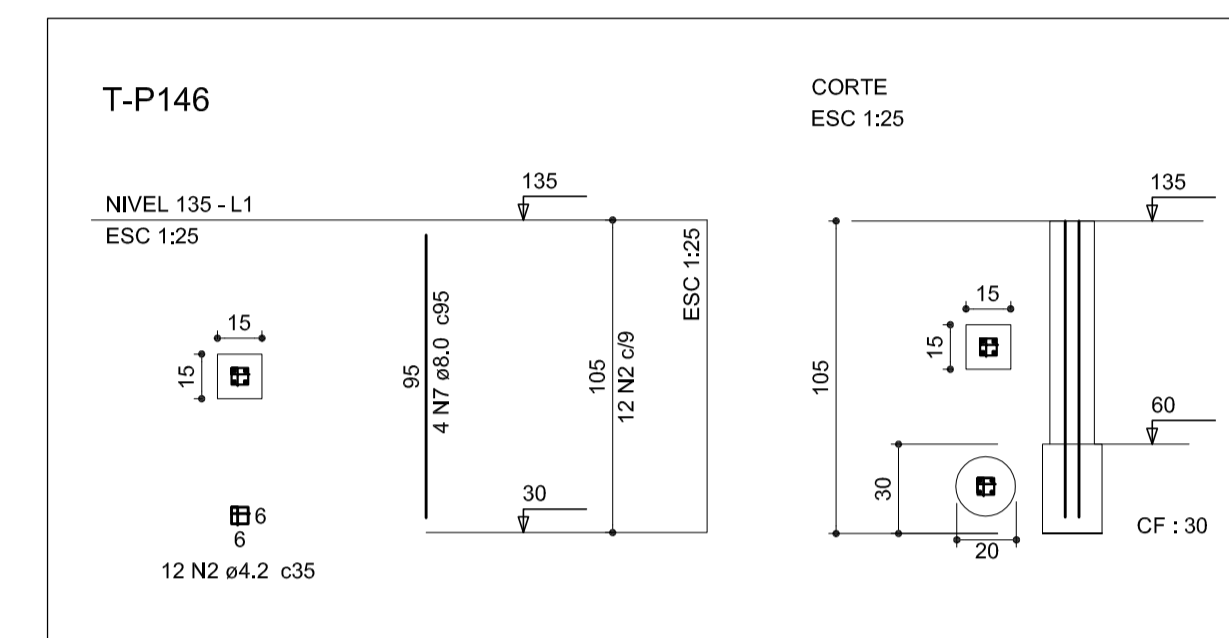
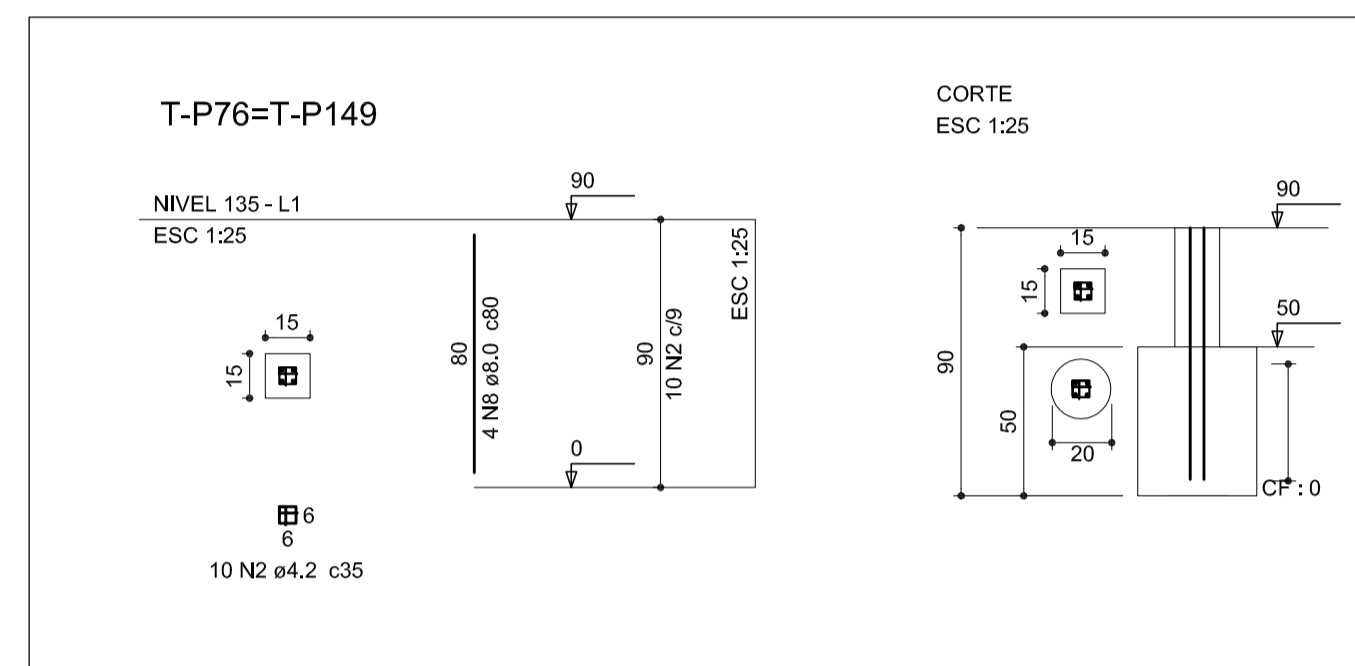
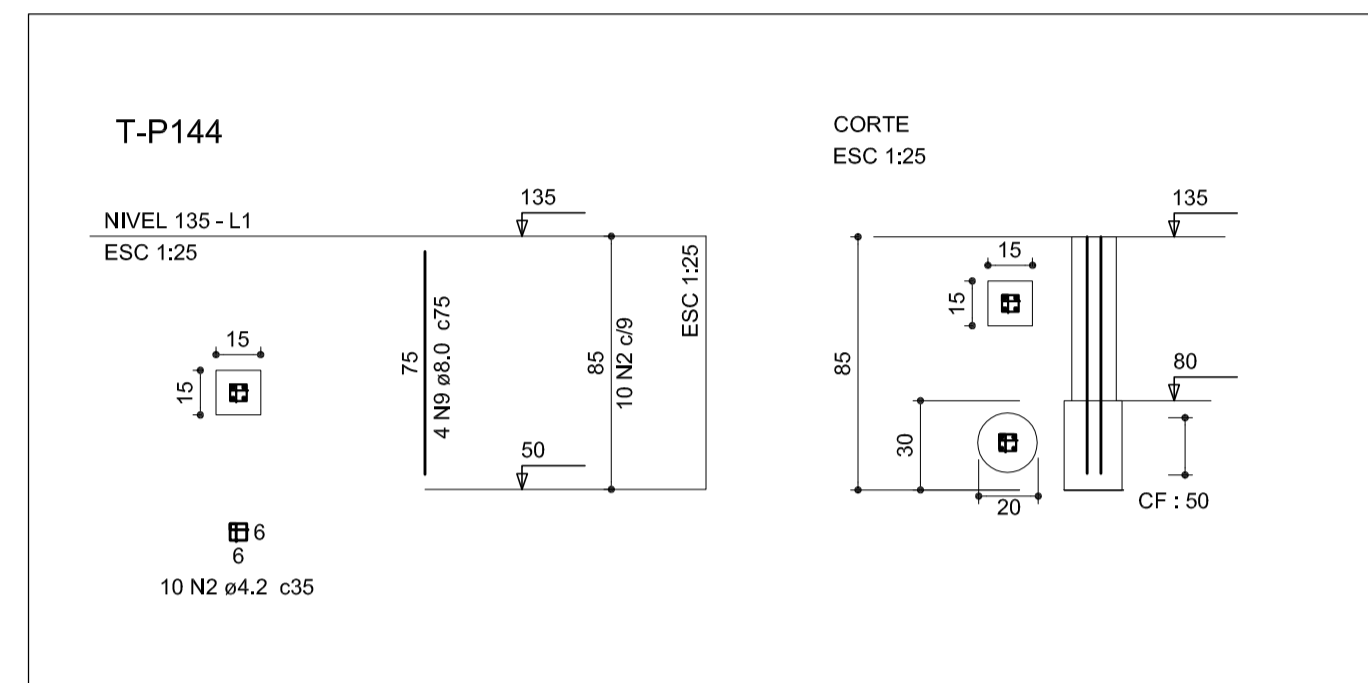
Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	4.2	6	31	186
	2	4.2	223	35	8120
CA50	3	8.0	8	42	336
	4	8.0	12	46	552
	5	8.0	12	70	840
	6	8.0	4	125	500
	7	8.0	20	95	1900
	8	8.0	8	80	640
	9	8.0	4	75	300
	10	8.0	4	85	340
	11	8.0	40	55	2200

Resumo do aço

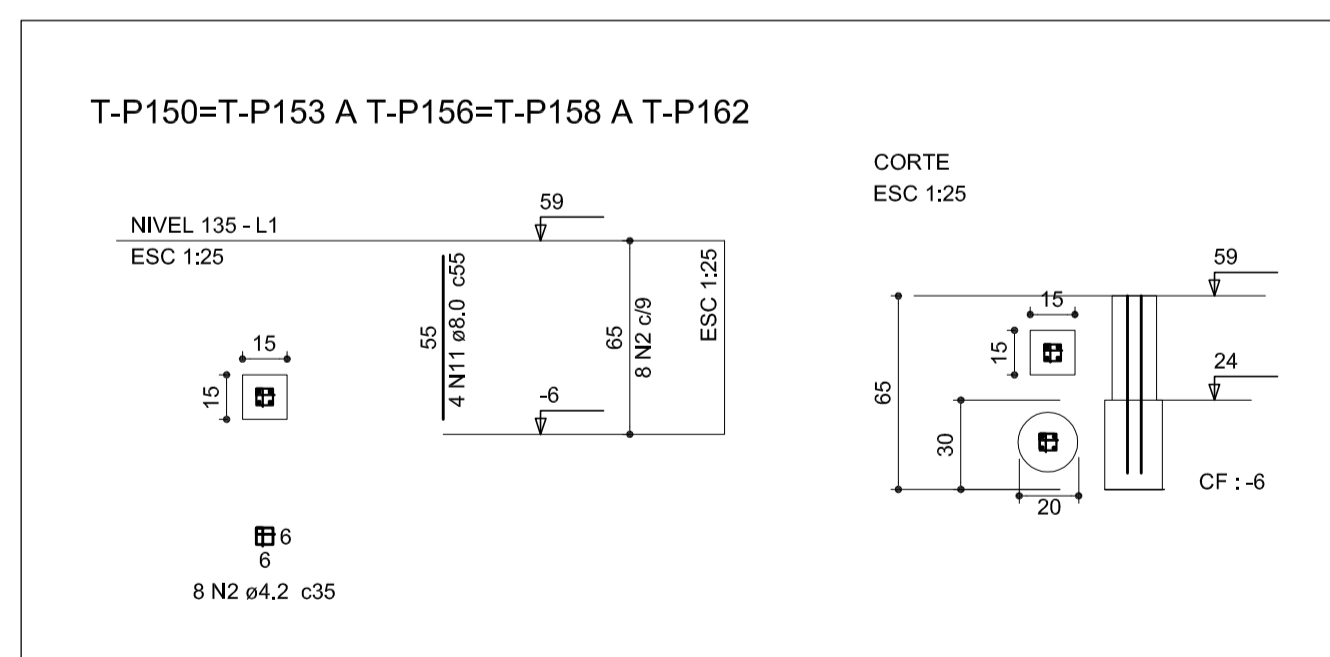
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	78.9	34.2
CA60	4.2	83.1	9.9
PESO TOTAL (kg)			
CA50		34.2	
CA60		9.9	

Volume de concreto (C-30) = 1.79 m³
Área de forma = 25.33 m²



-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS

-OS ELEMENTOS ESTRUTURAIS PODERÃO SER APOIADOS DIRETAMENTE NO SOLO/CALÇADA/ASFALTO



SECRETARIA DE INFRAESTRUTURA URBANA
UNIDADE DE BANCO DE PROJETOS

Projeto: PROJETO DE ESTRUTURA
Quadra da dança - Arquibancada avenida

Conteúdo: Fundações 3 de 3

Autores:
Autor: ALEXANDRE SMORE SILVA CREA: 42.396/7
Ass.:
Co-Autor: Ass.:

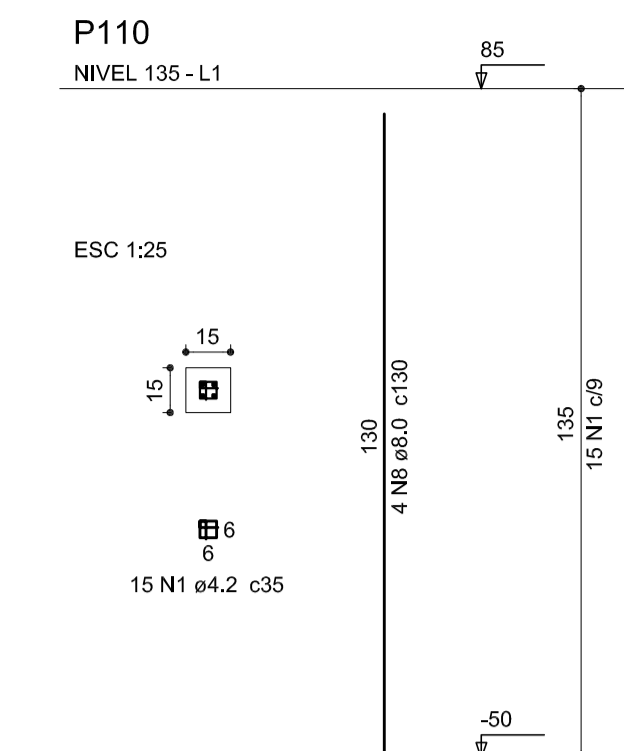
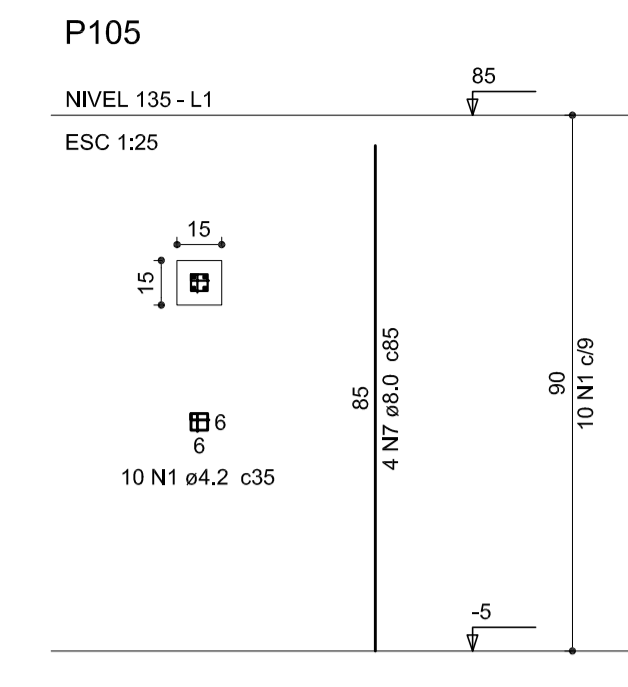
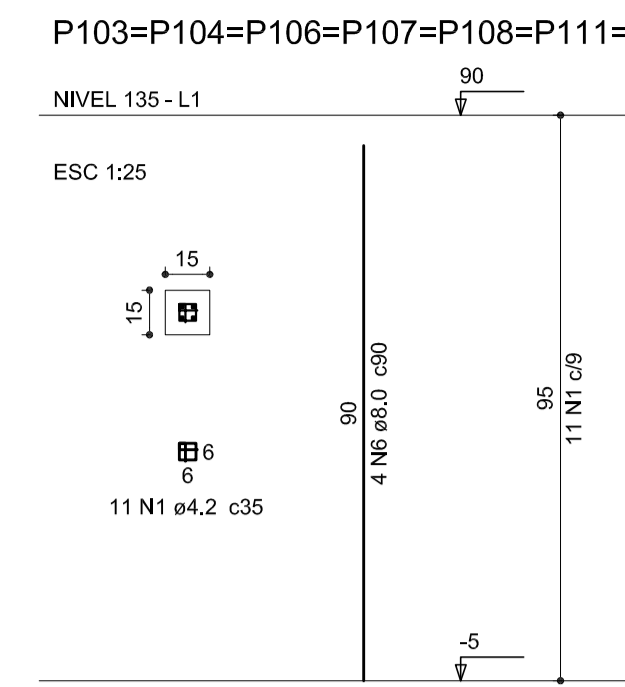
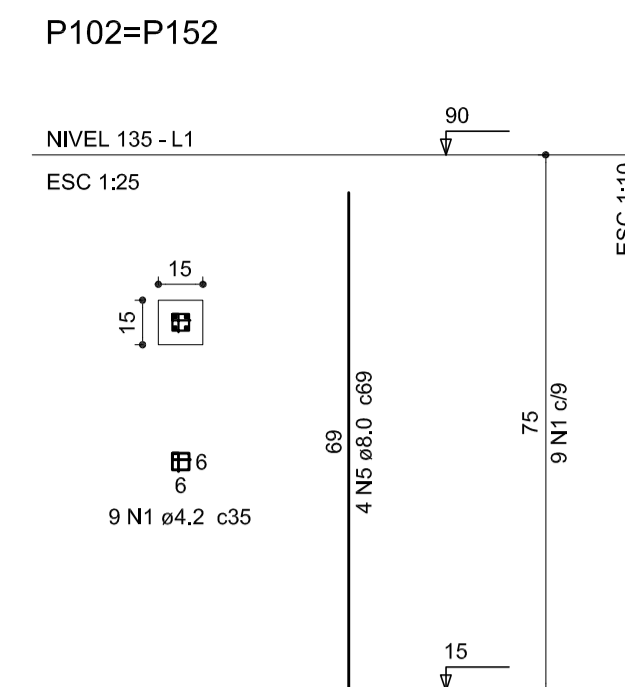
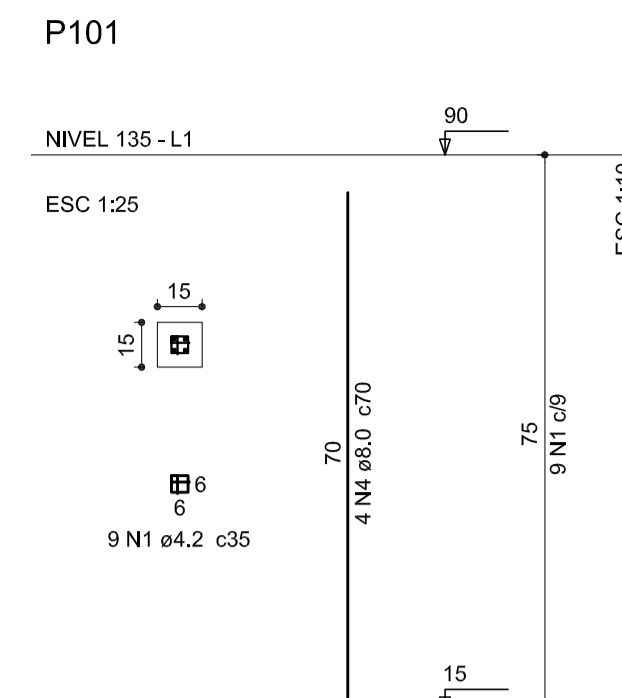
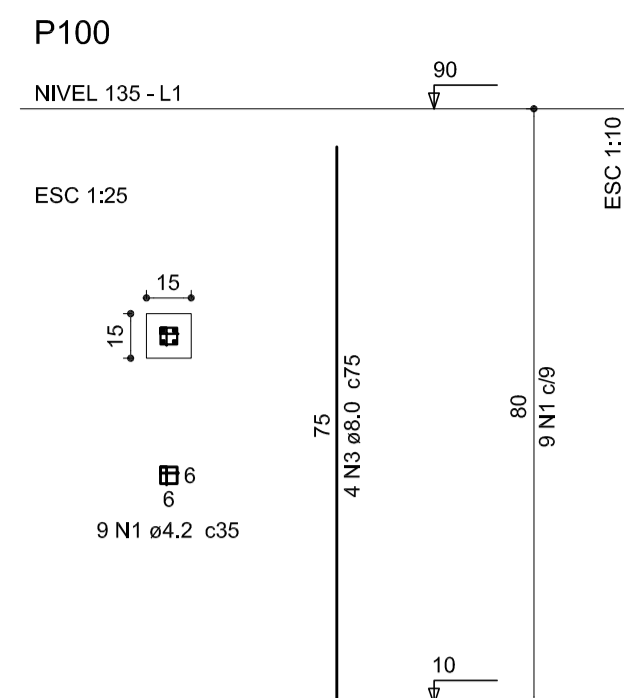
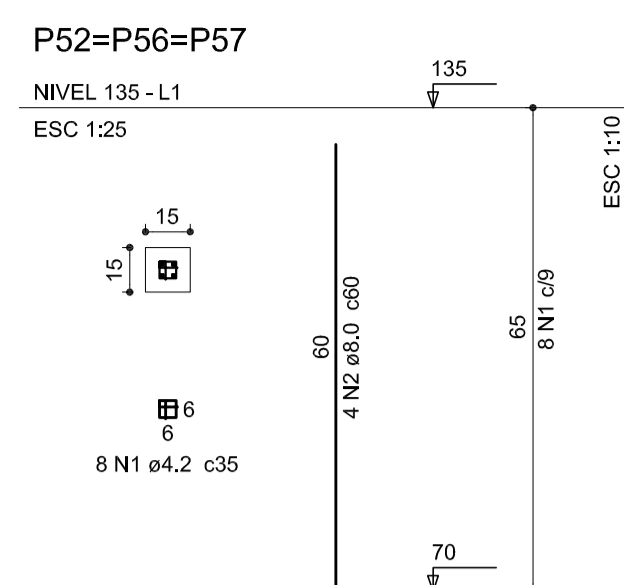
Código: Quadra dança - avenida.dwg

Data: 11/2022
Número Prancha: 08/17

Requerente: Sepur

Escola: Indicada
Desenhista CAD: Alexandre

Nota: Para o Código do Projeto Defina-se:
1 grupo - Execução do Projeto;
2 grupo - Secretaria, Fundação entre outros;
3 grupo - Tipo de Projeto;
4 grupo - Nome do Projeto (5 letras);
5 grupo - Número do Projeto;
6 grupo - Revisão / Ano.



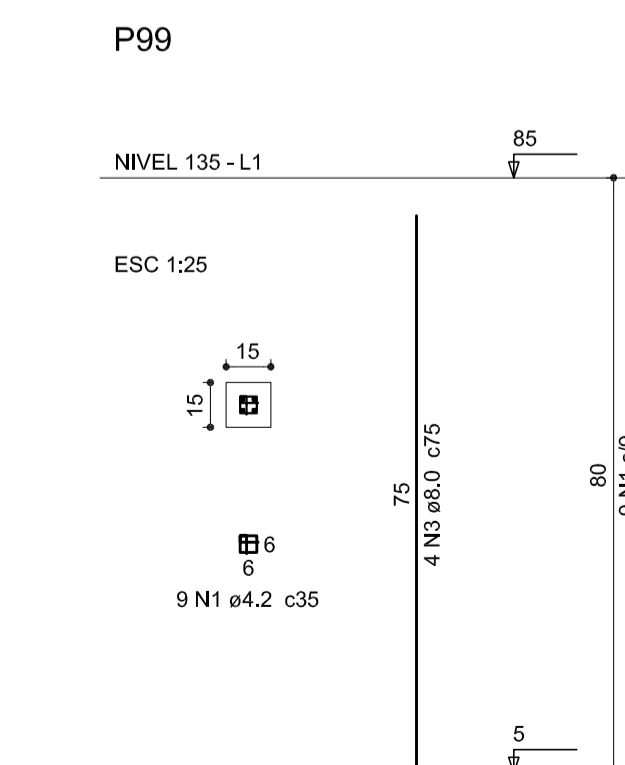
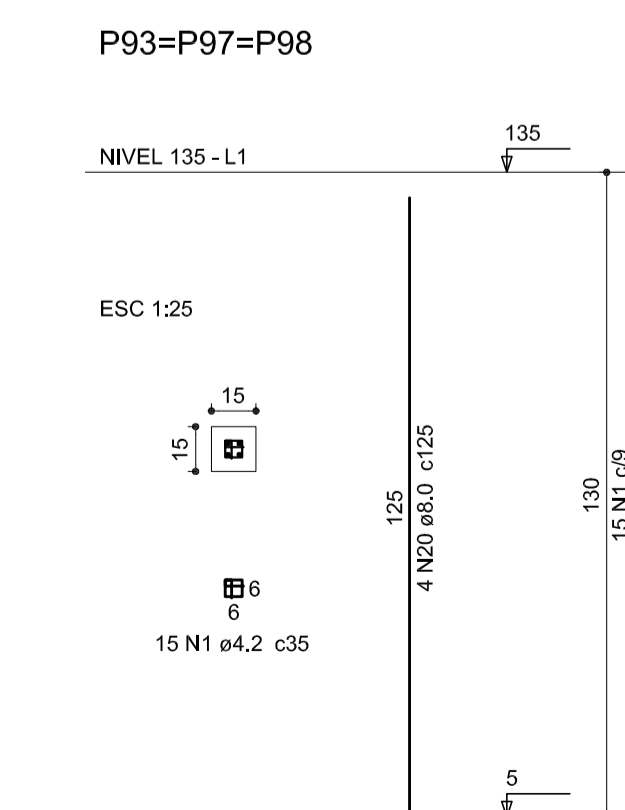
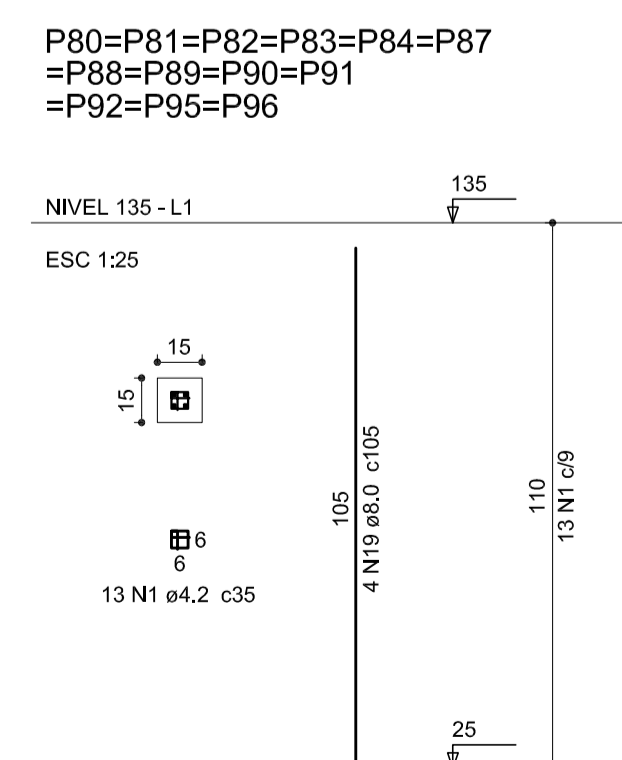
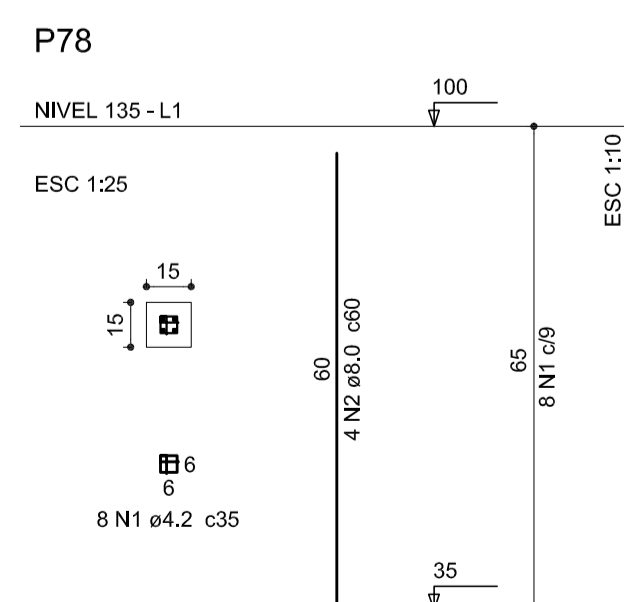
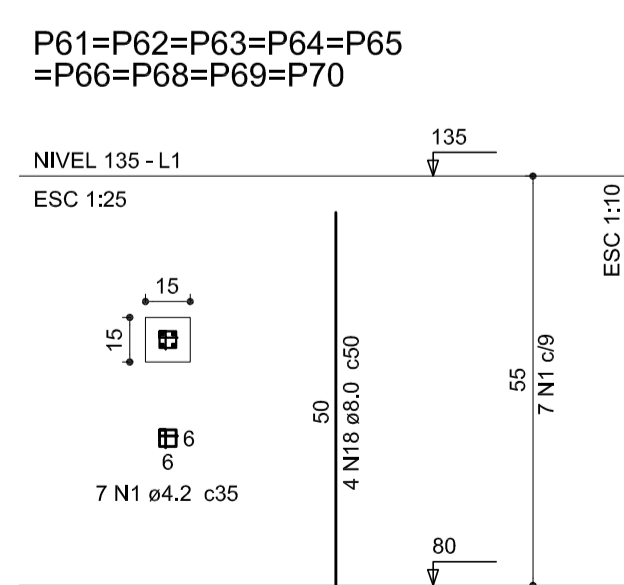
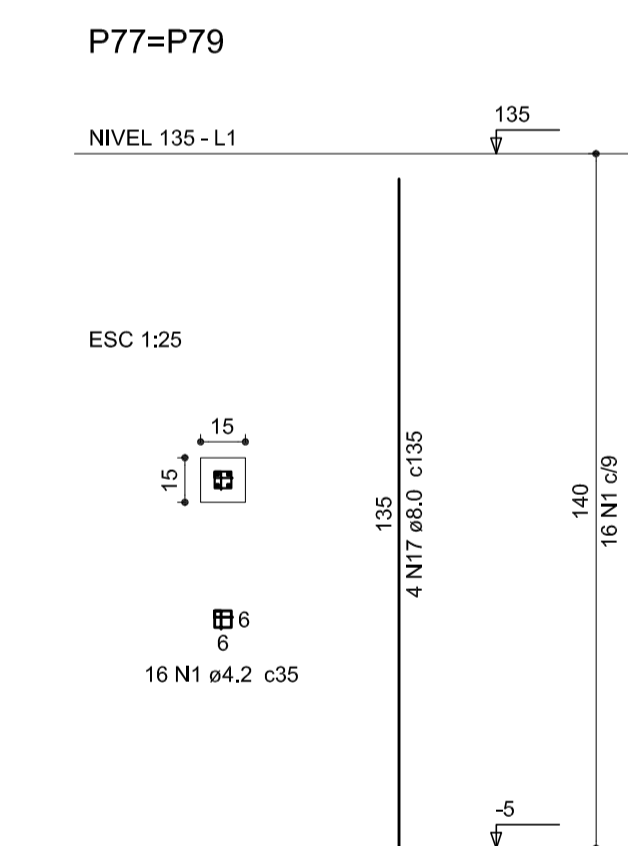
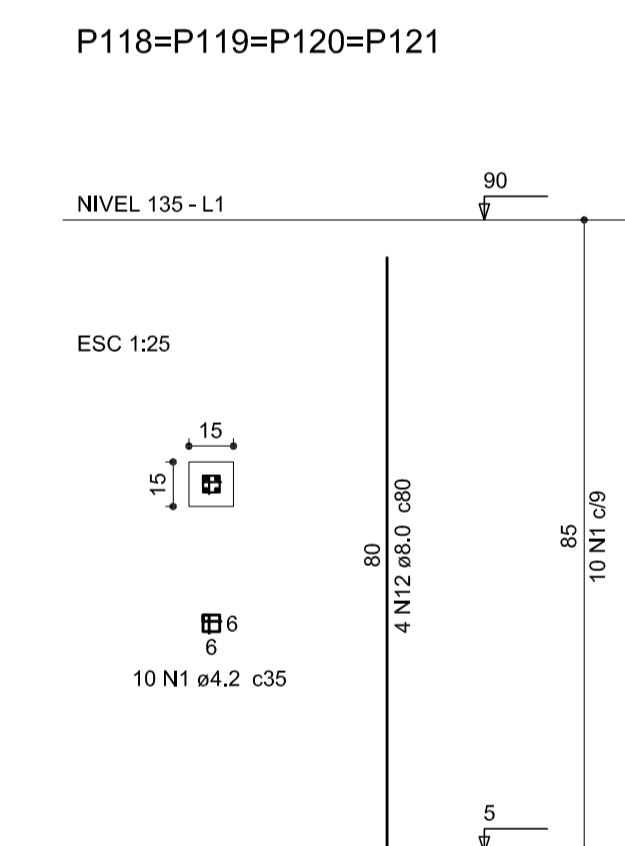
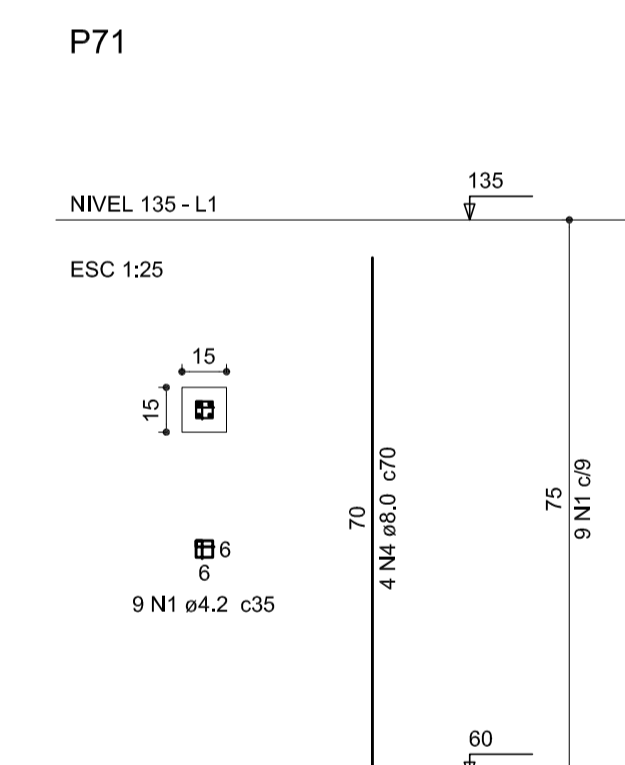
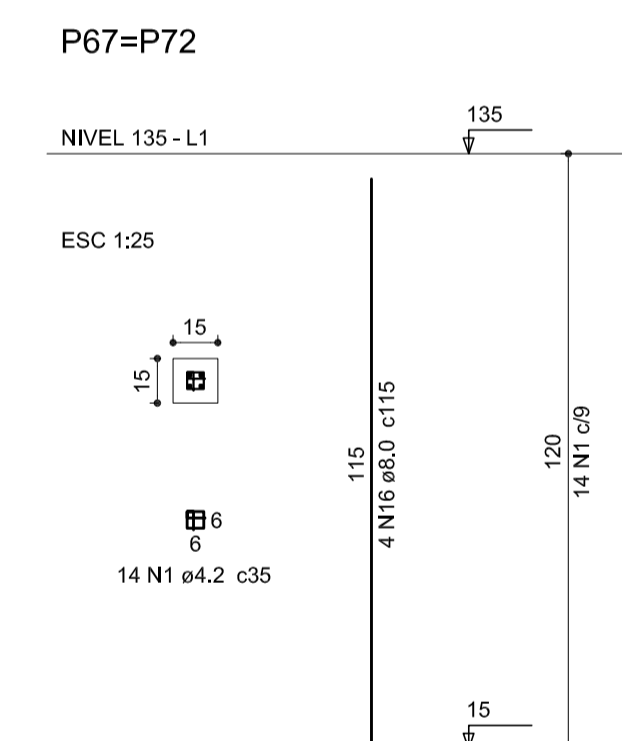
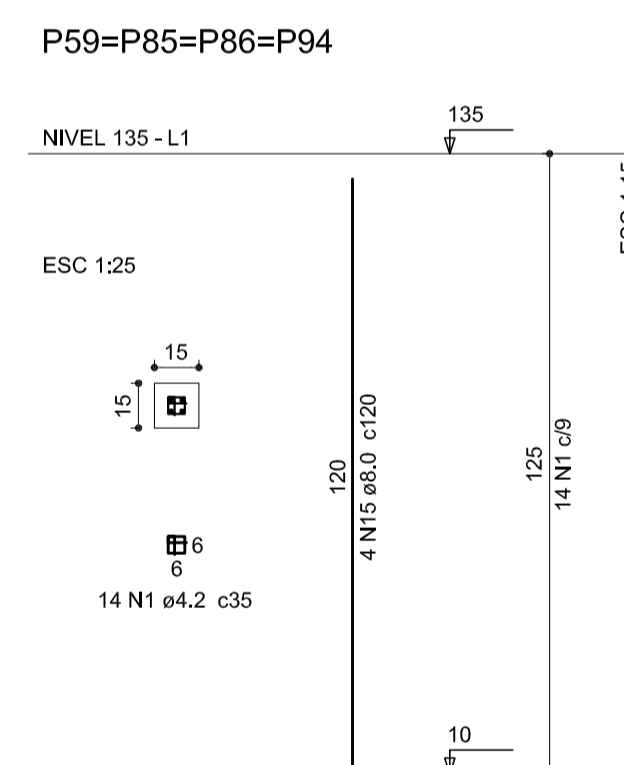
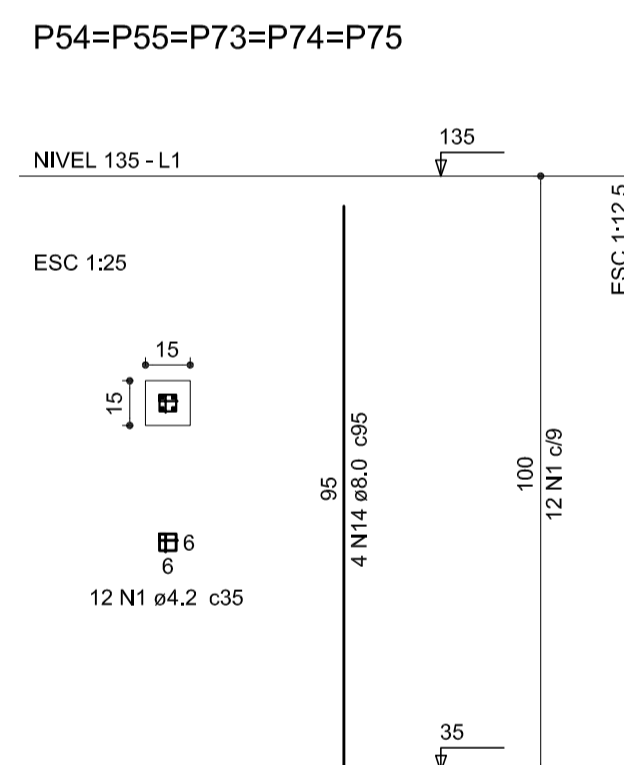
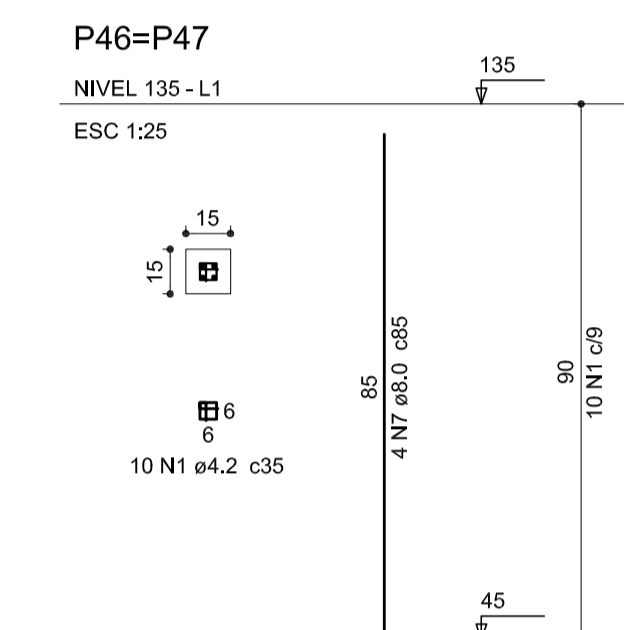
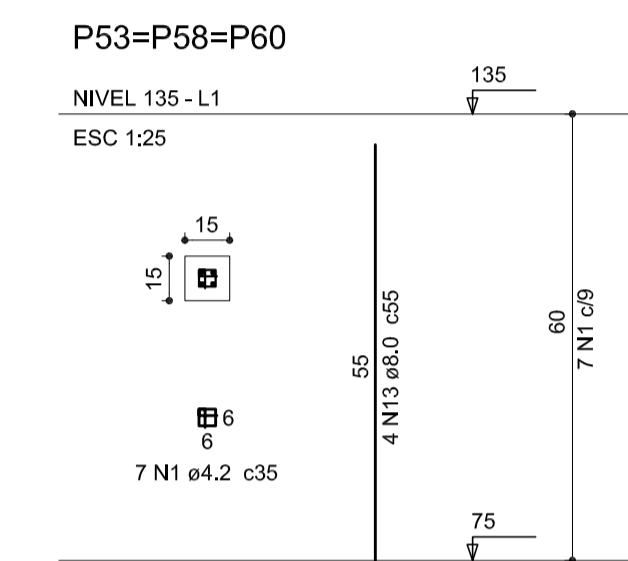
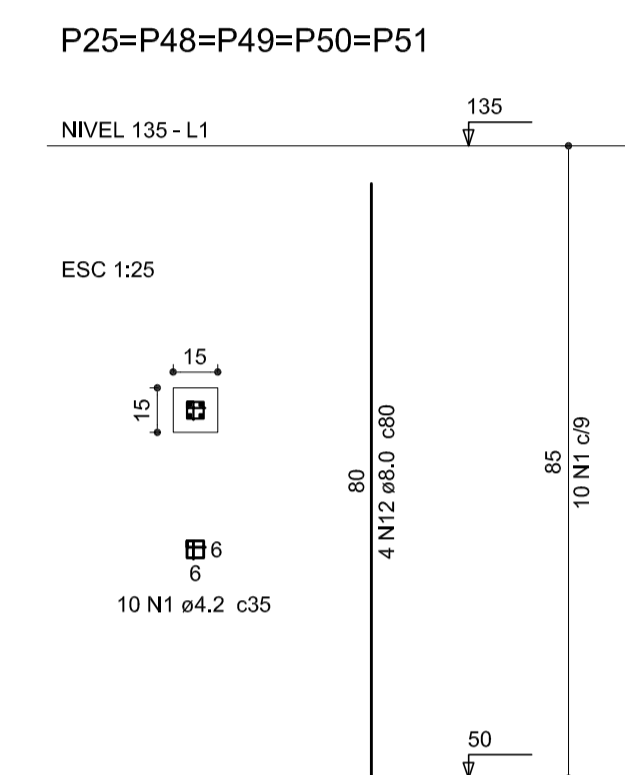
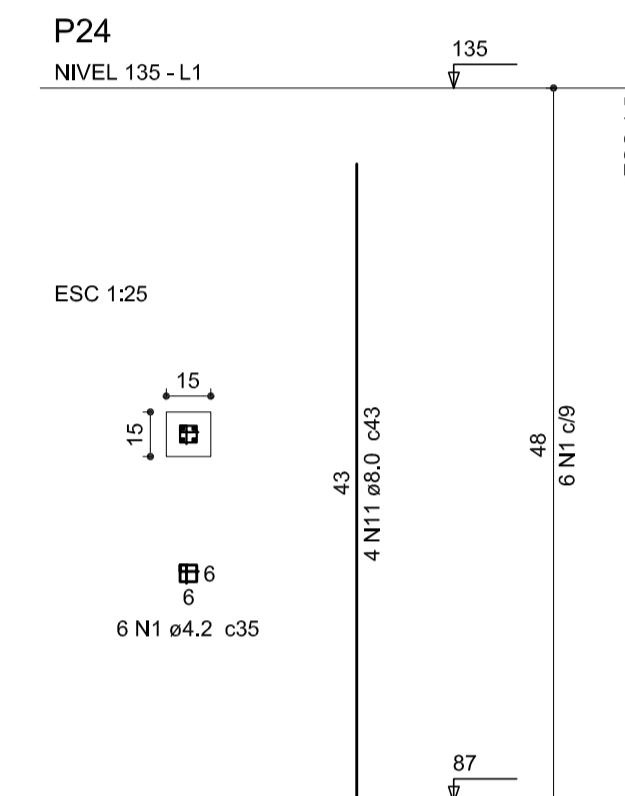
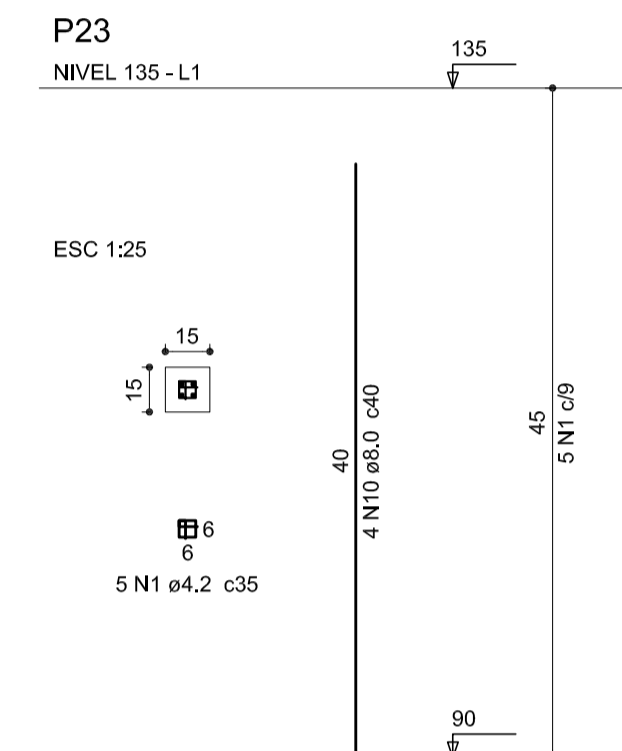
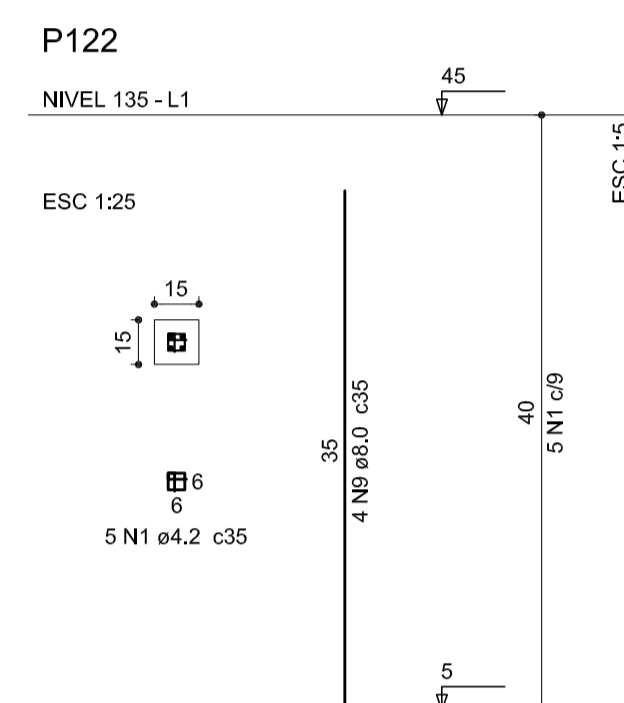
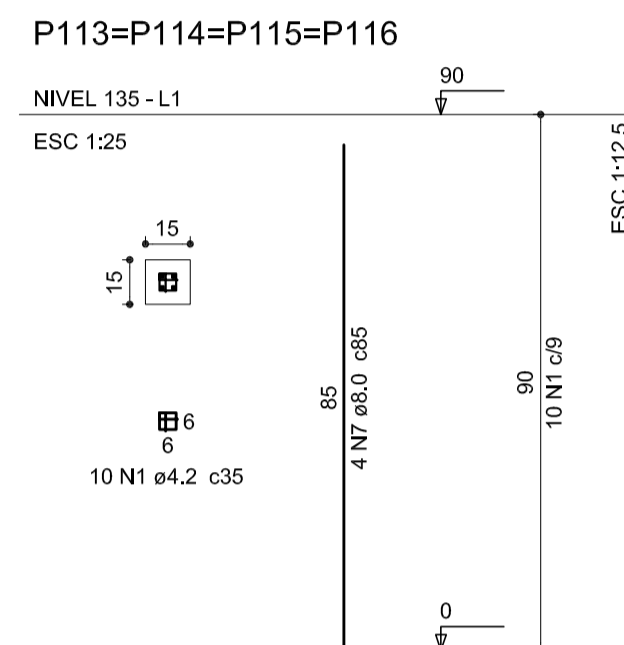
Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIF (cm)	C.TOTAL (cm)
CA60	1	4.2	819	35	28665
CA50	2	8.0	16	60	960
	3	8.0	8	75	600
	4	8.0	8	70	560
	5	8.0	8	69	552
	6	8.0	28	90	2520
	7	8.0	28	85	2380
	8	8.0	4	130	520
	9	8.0	4	35	140
	10	8.0	4	40	160
	11	8.0	4	43	172
	12	8.0	36	80	2880
	13	8.0	12	55	660
	14	8.0	20	95	1900
	15	8.0	16	120	1920
	16	8.0	8	115	920
	17	8.0	8	135	1080
	18	8.0	36	50	1800
	19	8.0	52	105	5460
	20	8.0	12	125	1500

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	264	114.6
CA60	4.2	286.3	34.3
PESO TOTAL (kg)			
CA50	114.6		
CA60	34.3		

Volume de concreto (C-30) = 1.57 m³
Área de forma considerada nas vigas



-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS

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SECRETARIA DE INFRAESTRUTURA URBANA
UNIDADE DE BANCO DE PROJETOS

Projeto: **PROJETO DE ESTRUTURA**
Quadra da dança - ArquiBancada avenida

Conteúdo: **Pilares**

Autores:
Autor: ALEXANDRE SMORE SILVA CREA: 42.396/7
Ass.:
Código: **Quadra dança - avenida.dwg**

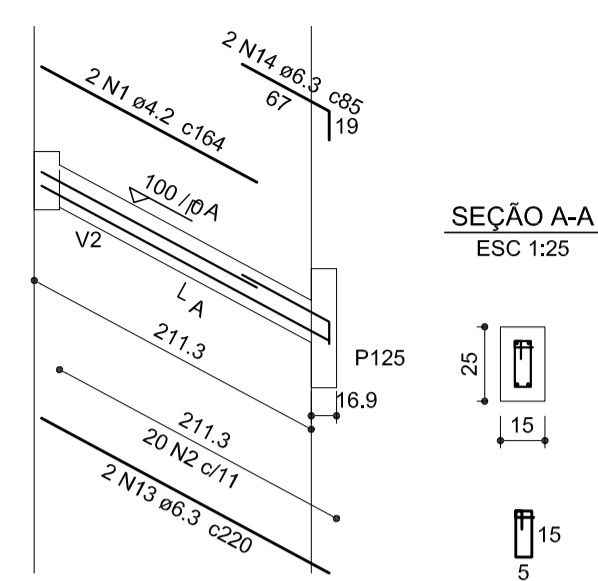
Co-Autor: Ass.:
Data: **11/2022**
Número Prancha: **09/17**

Requerente: **Sepur**

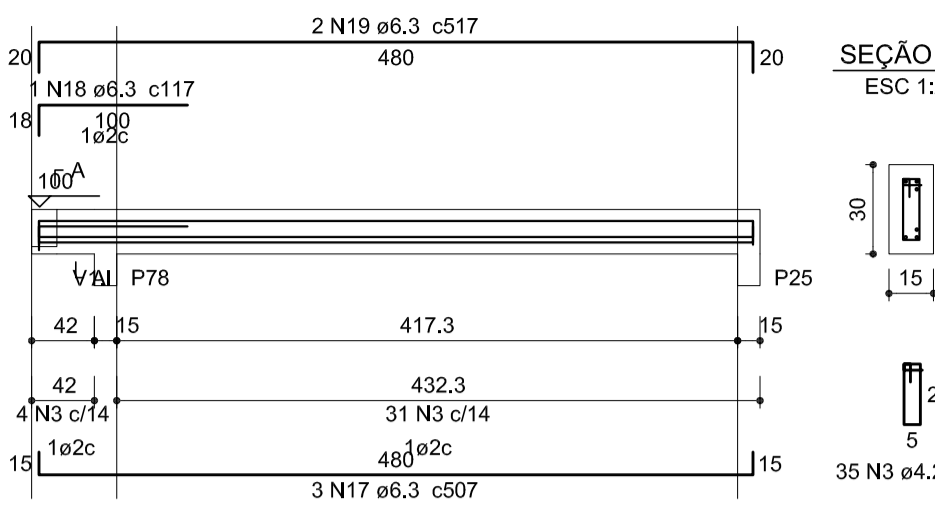
Escola: **Indicada**
Desenhista CAD: **Alexandre**

Nota: Para o Código do Projeto Defina-se:
1 grupo - Execução do Projeto;
2 grupo - Secretaria, Fundação entre outros;
3 grupo - Tipo de Projeto;
4 grupo - Nome do Projeto (5 letras)
5 grupo - Número do Projeto;
6 grupo - Revisão / Ano.

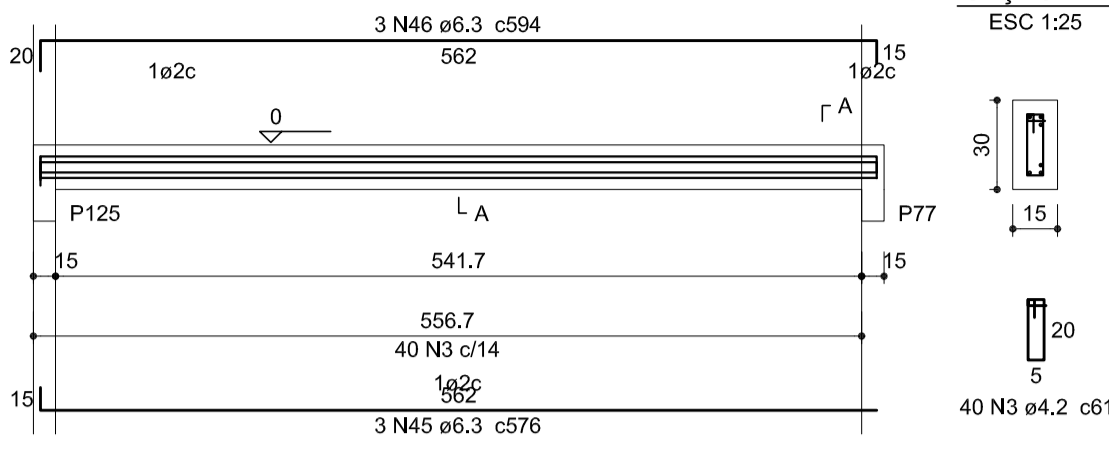
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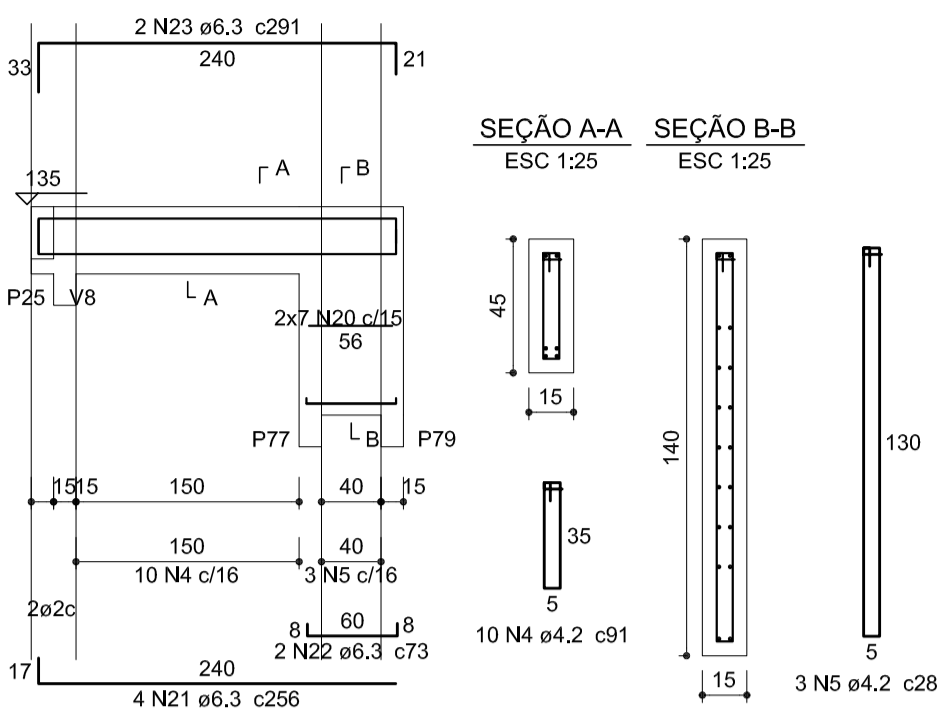
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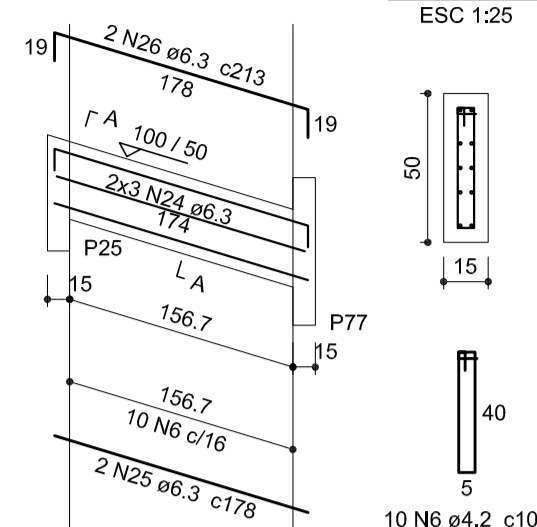
V3 (15 x 30)



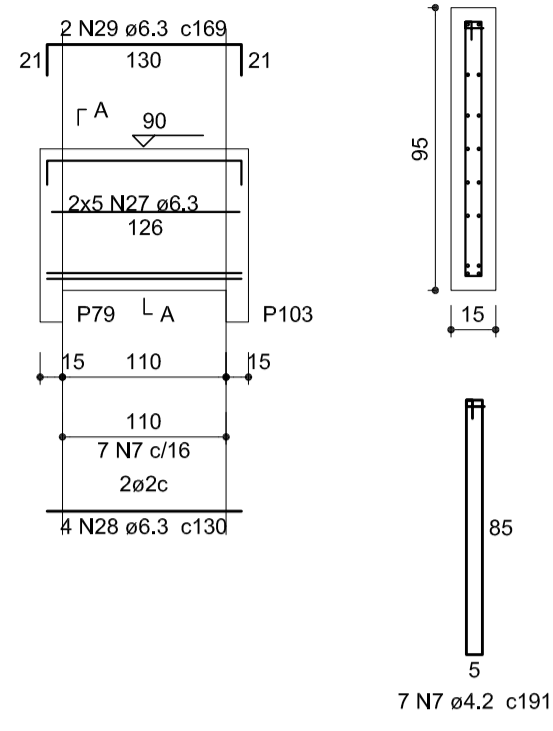
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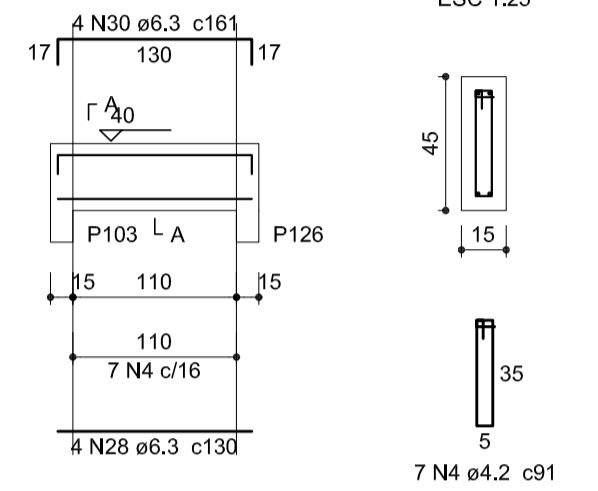
V5.I (15 x 50)



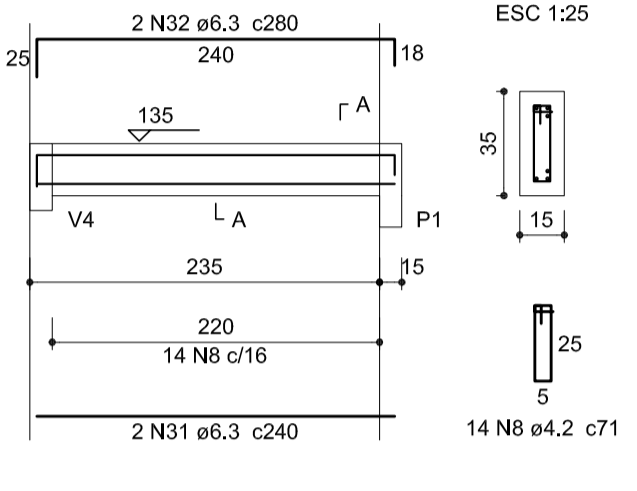
V6 (15 x 95)



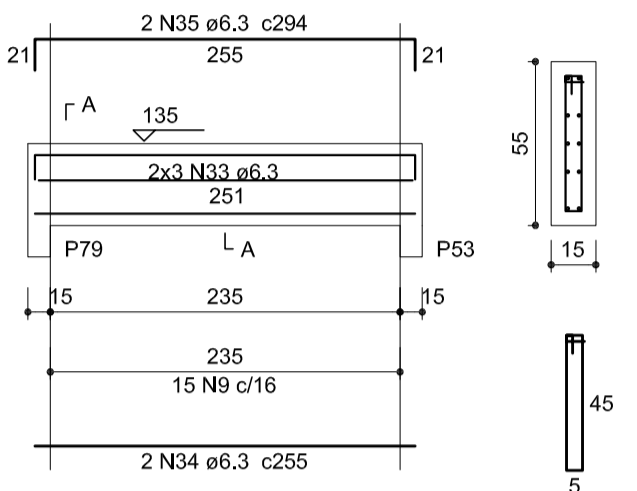
V7 (15 x 45)



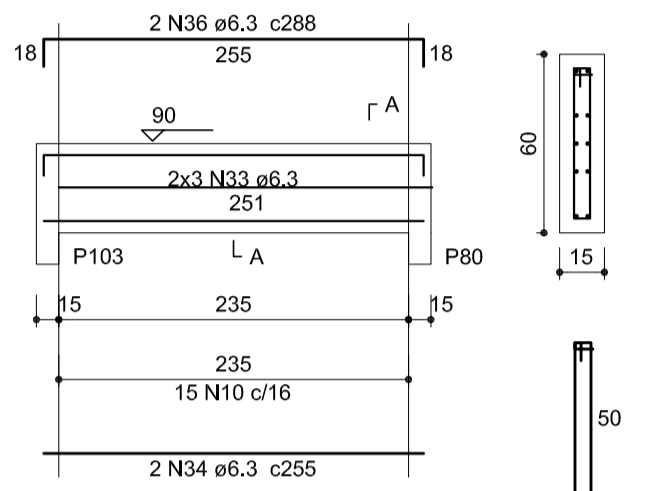
V8 (15 x 35)



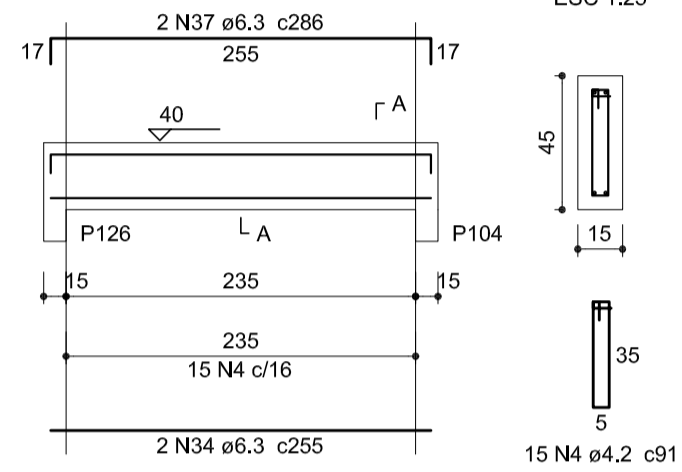
V9 (15 x 55)



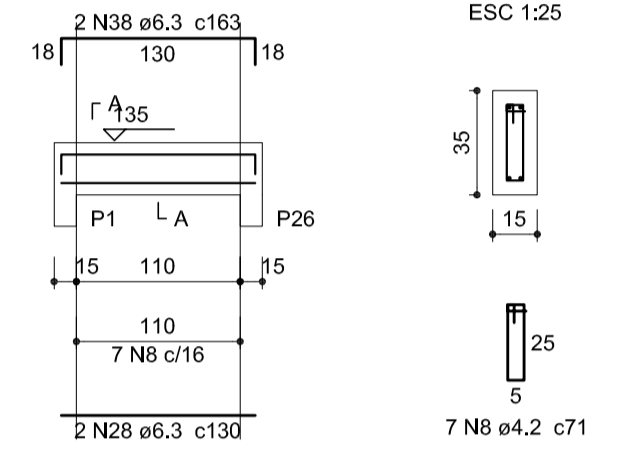
V10 (15 x 60)



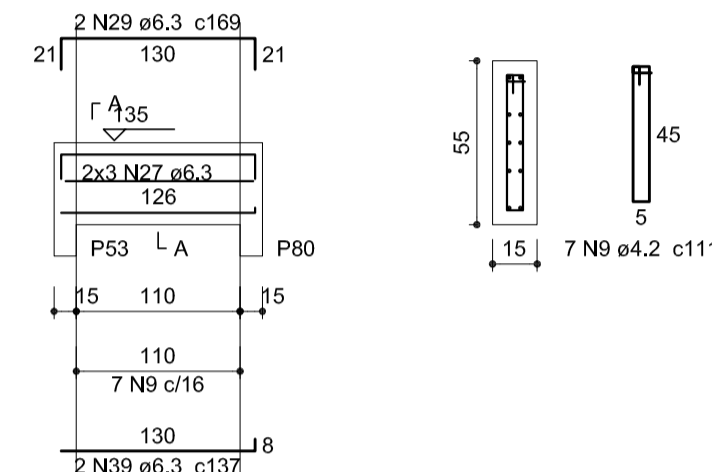
V11 (15 x 45)



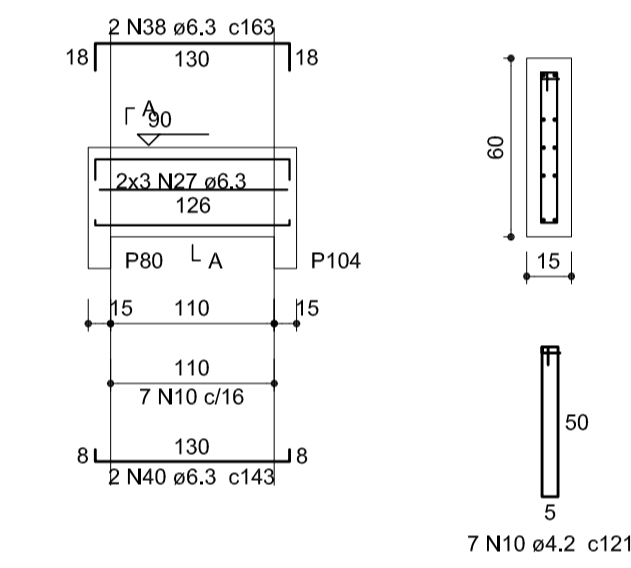
V12 (15 x 35)



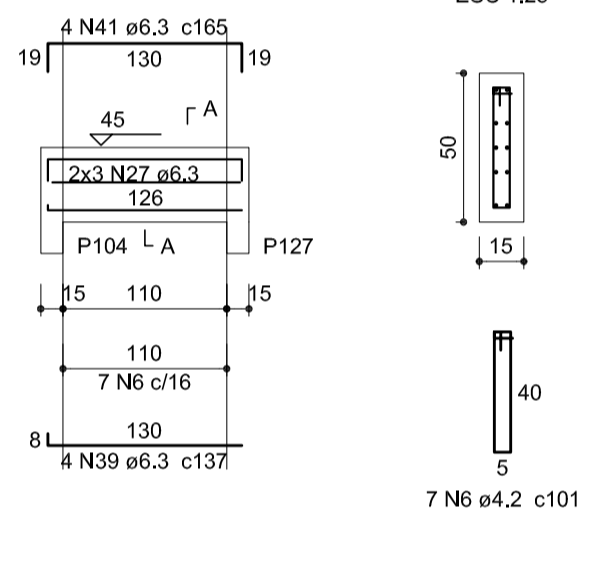
V13 (15 x 55)



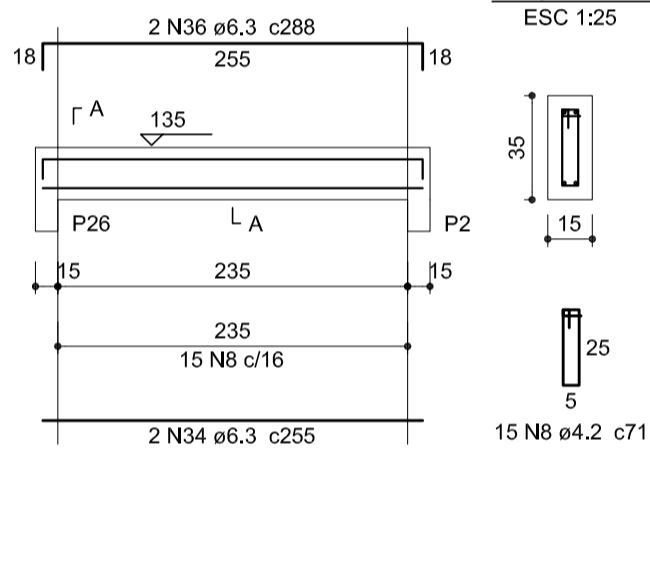
V14 (15 x 60)



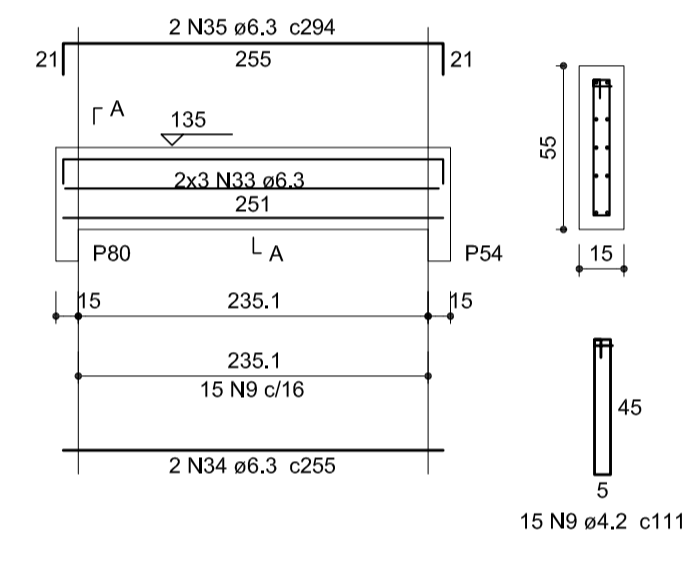
V15 (15 x 50)



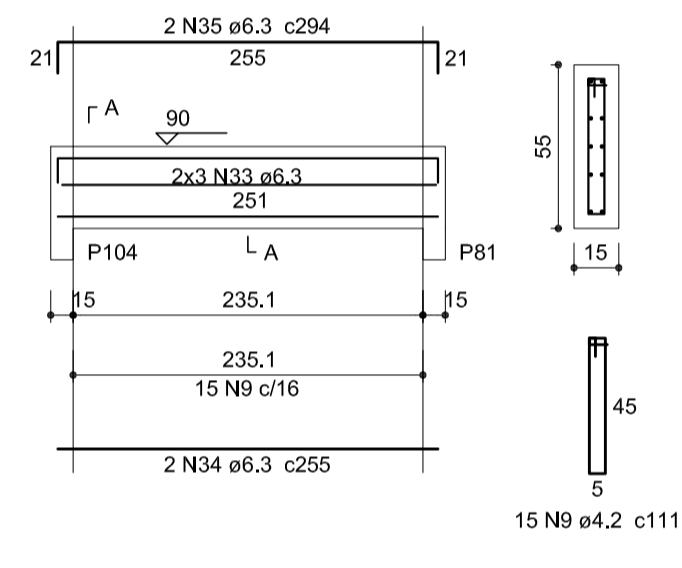
V16 (15 x 35)



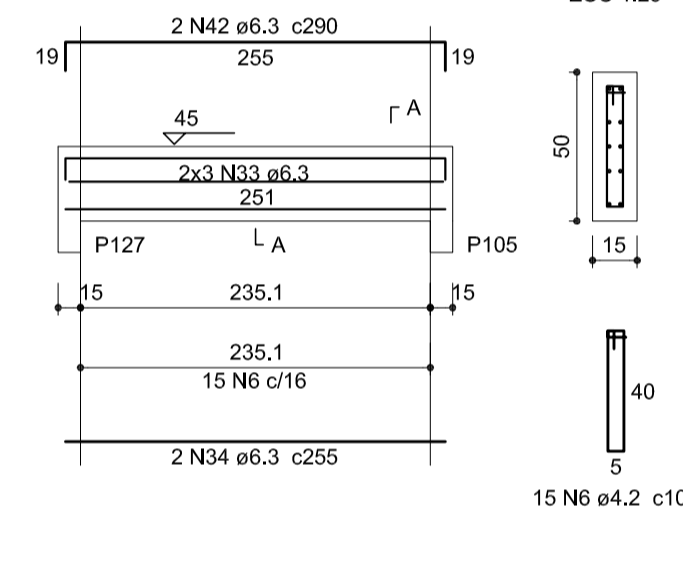
V17 (15 x 55)



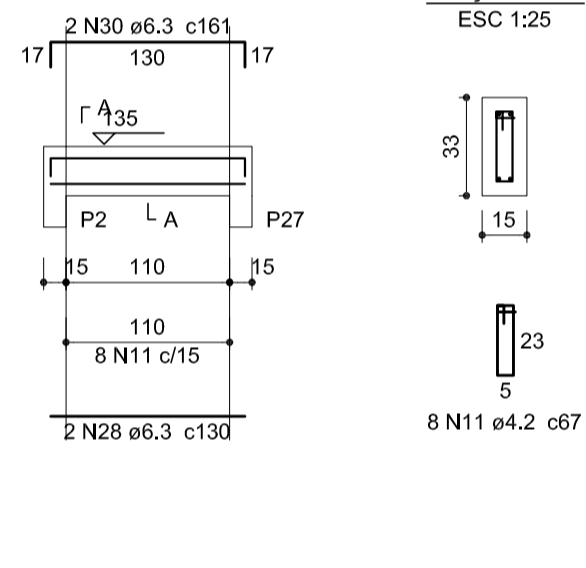
V18 (15 x 55)



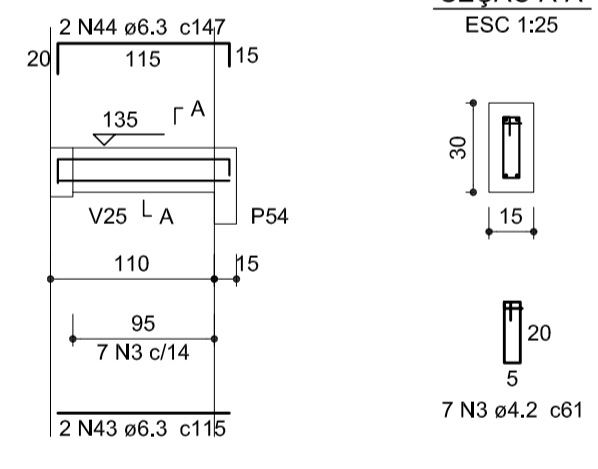
V19 (15 x 50)



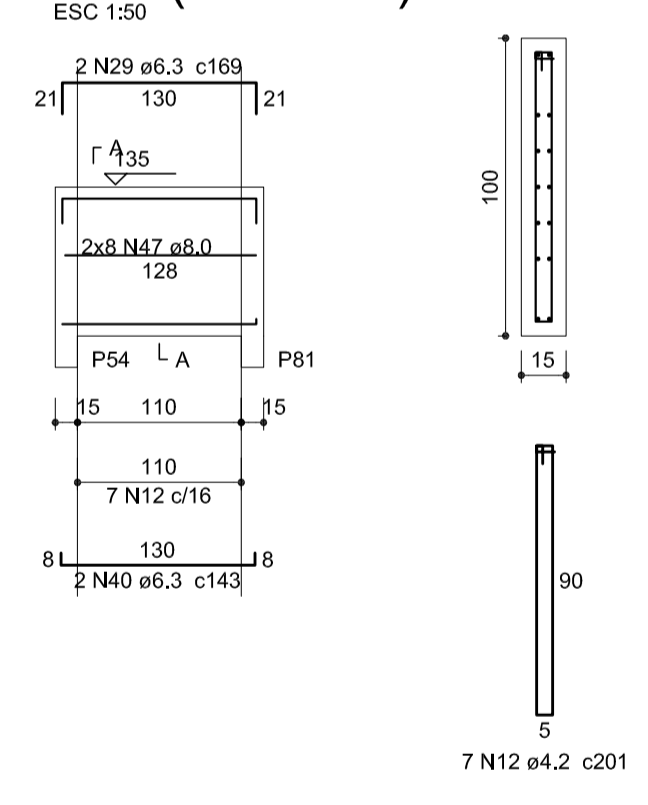
V20 (15 x 33)



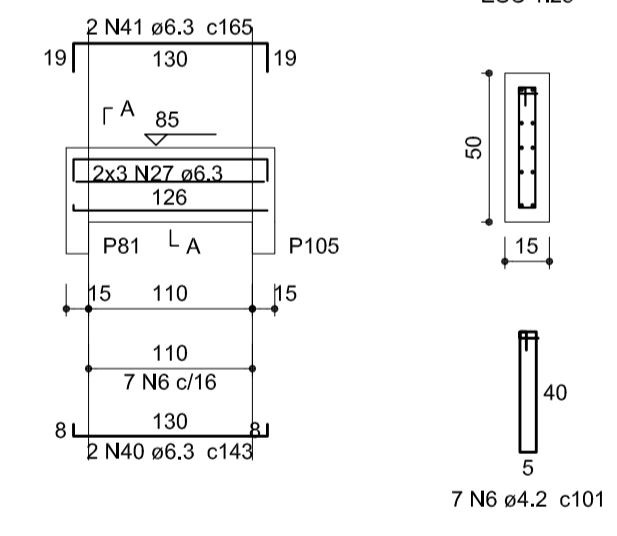
V21 (15 x 30)



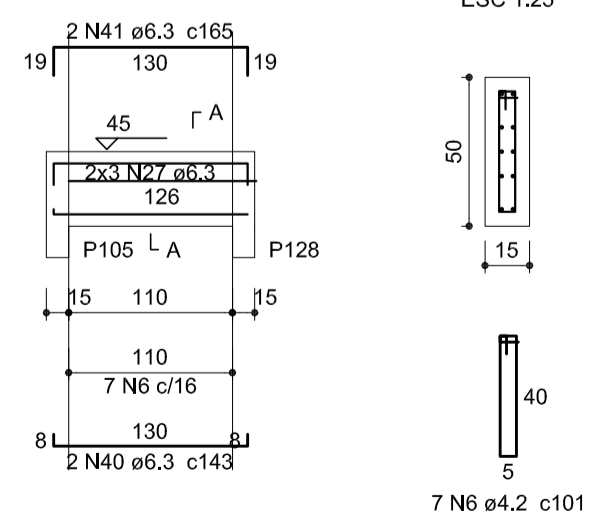
V22 (15 x 100)



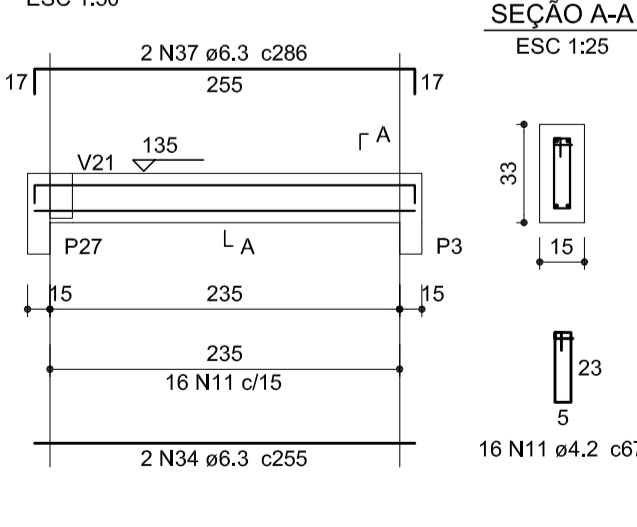
V23 (15 x 50)



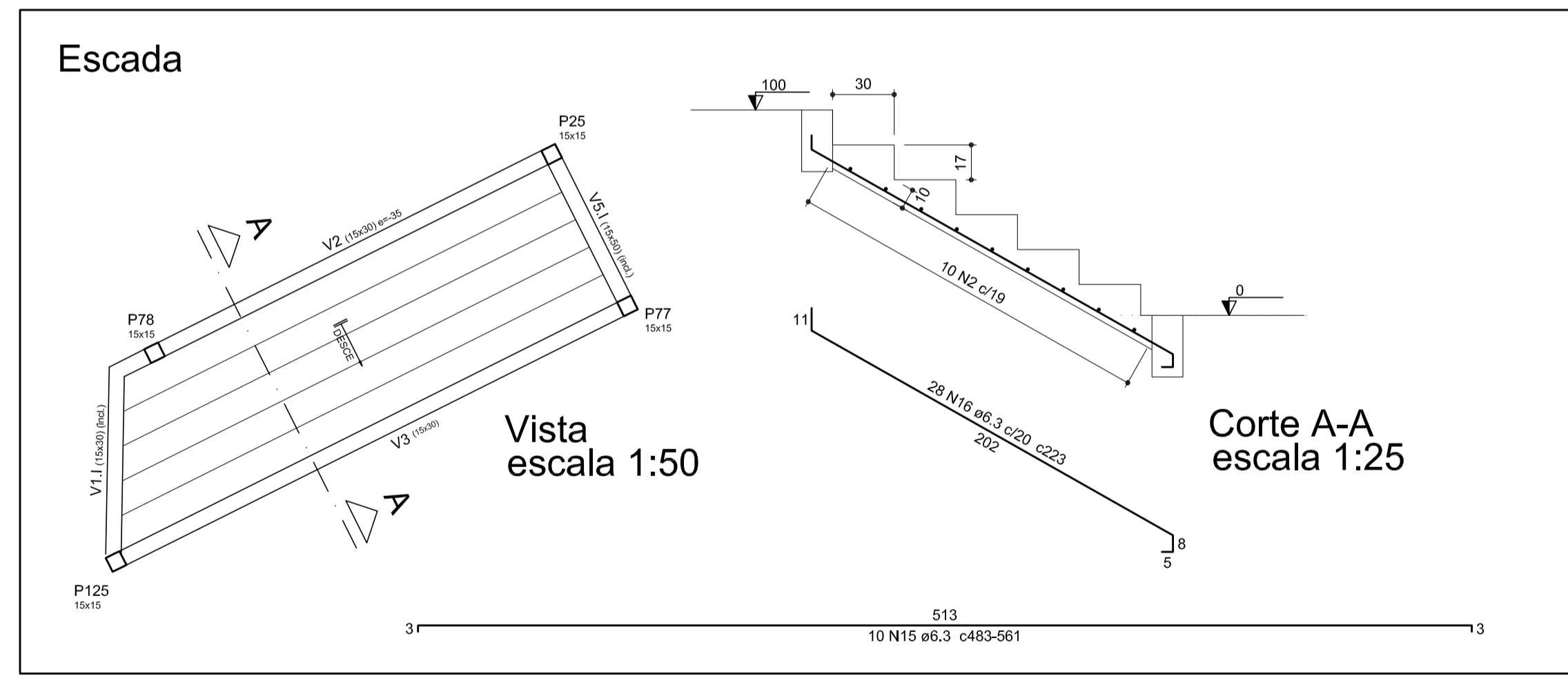
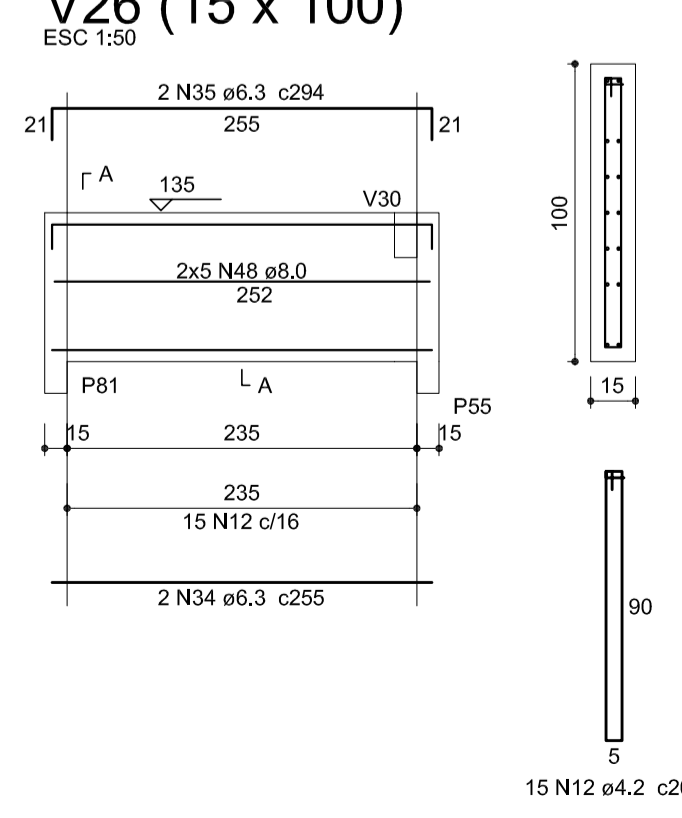
V24 (15 x 50)



V25 (15 x 33)



V26 (15 x 100)



-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS
-OS ELEMENTOS ESTRUTURAIS PODERÃO SER APOIADOS DIRETAMENTE NO SOLICÍCAL/CADA/ASFALTO

Relação do aço

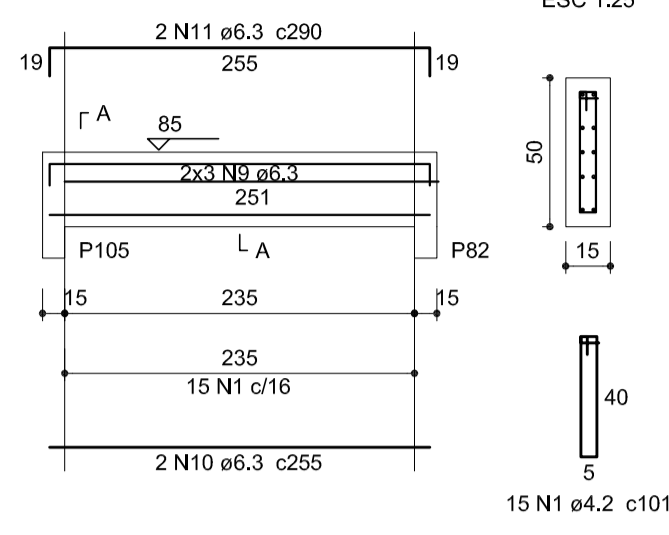
Table with 5 columns: AÇO, N, DIAM (mm), QUANT (Barras), UNIT (cm), C.TOTAL (cm). Lists reinforcement bars for CA60 and CA50.

Resumo do aço table with 3 columns: AÇO, DIAM (mm), C.TOTAL (m), PESO + 10% (kg). Shows totals for CA50 and CA60.

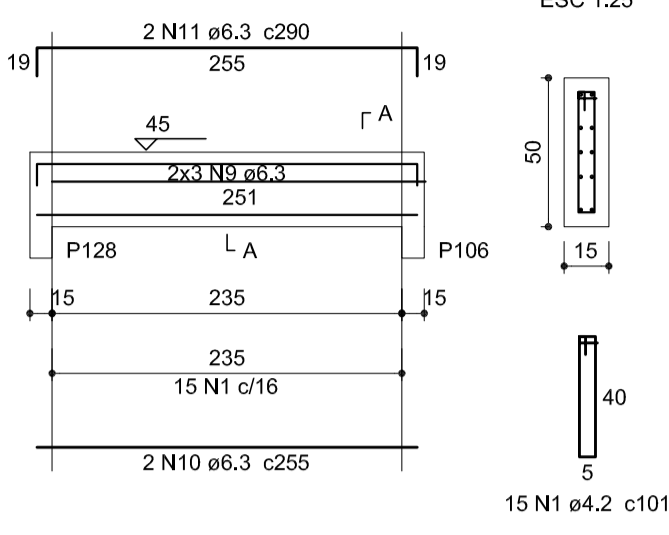
Volume de concreto (C-30) = 4.28 m³
Área de forma = 62.81 m²
Volume concreto escada (C-30) = 1.67 m³

SECRETARIA DE INFRAESTRUTURA URBANA
UNIDADE DE BANCO DE PROJETOS
Projeto: PROJETO DE ESTRUTURA
Quadra da dança - Arquibancada avenida
Conteúdo: VIGAS - 1/7 / ESCADA
Autor: ALEXANDRE SMORE SILVA CREA: 42.396-7
Data: 11/2022
Número Praticas: 10/17
Nota: Para o Código do Projeto Definese: 1 grupo - Execução do Projeto; 2 grupo - Secretaria, Fundação entre outros; 3 grupo - Tipo de Projeto; 4 grupo - Nome do Projeto (5 letras); 5 grupo - Número do Projeto; 6 grupo - Revisão / Ano.

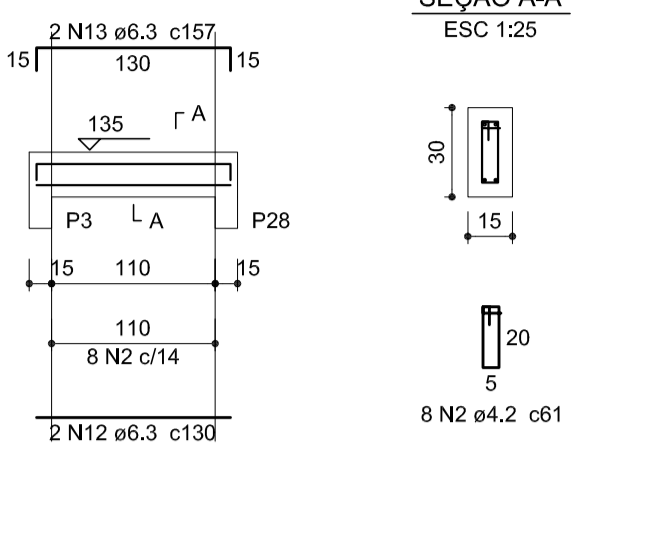
V27 (15 x 50)
ESC 1:50



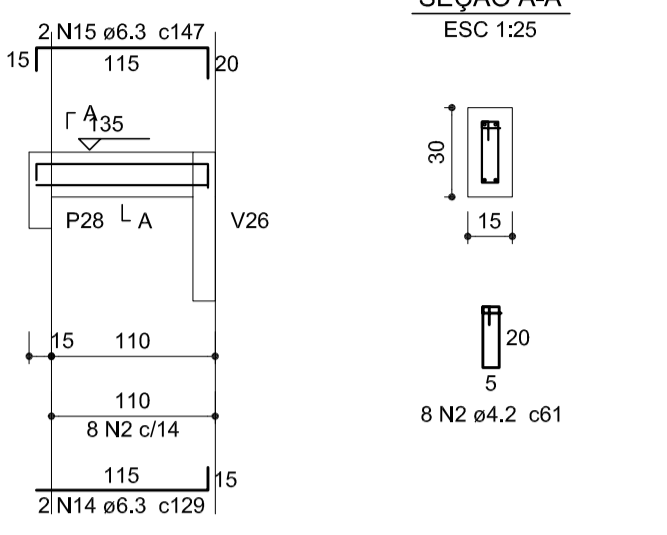
V28 (15 x 50)
ESC 1:50



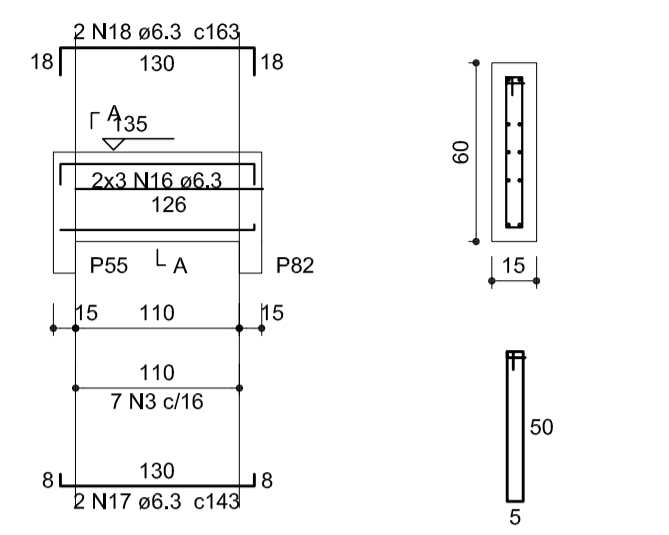
V29 (15 x 30)
ESC 1:50



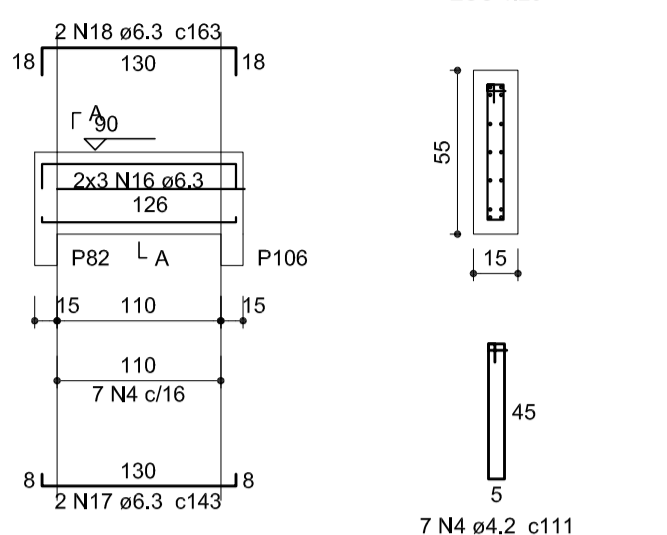
V30 (15 x 30)
ESC 1:50



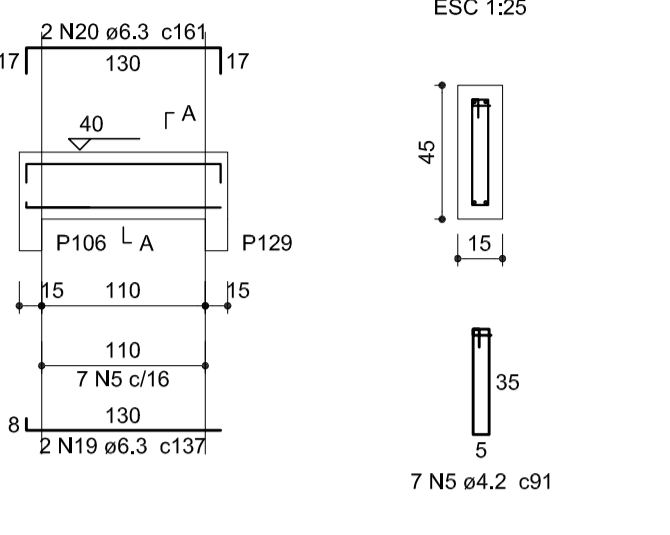
V31 (15 x 60)
ESC 1:50



V32 (15 x 55)
ESC 1:50



V33 (15 x 45)
ESC 1:50



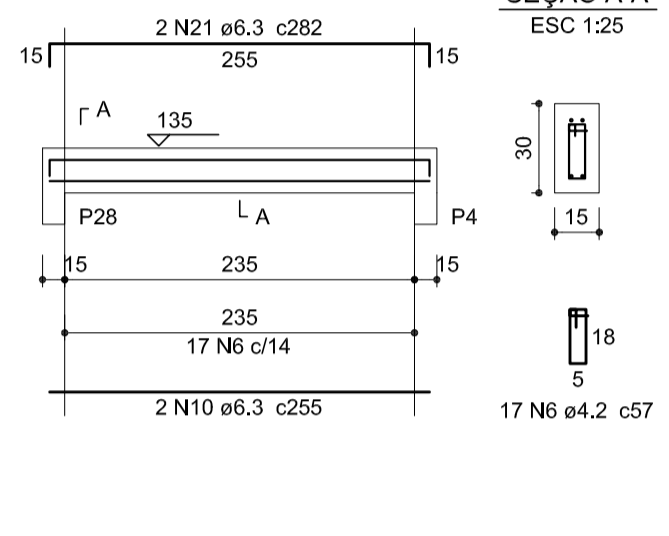
Relação do aço

Table with 5 columns: AÇO, N, DIAM (mm), QUANT (Barra), UNIT (cm), C.TOTAL (cm). Lists steel reinforcement for CA60 and CA50.

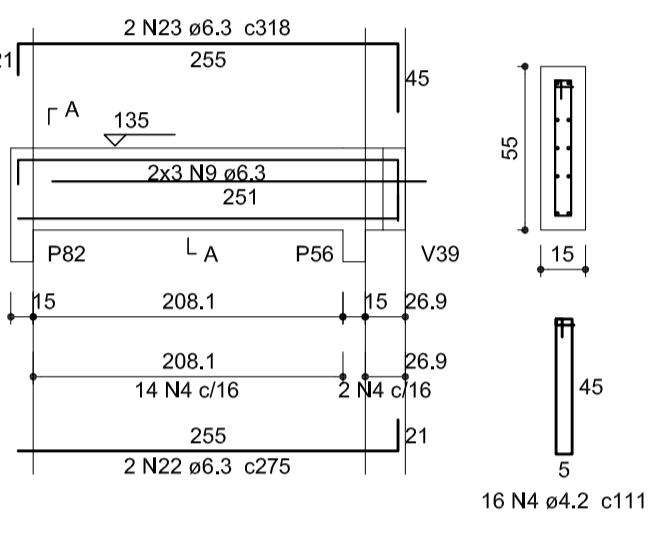
Table with 4 columns: AÇO, DIAM (mm), C.TOTAL (m), PESO + 10% (kg). Summary of steel reinforcement.

Volume de concreto (C-30) = 5,03 m³
Área de forma = 72,33 m²

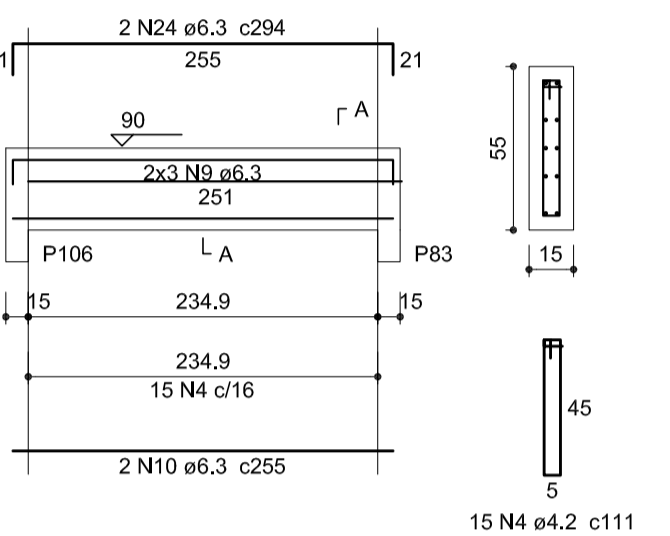
V34 (15 x 30)
ESC 1:50



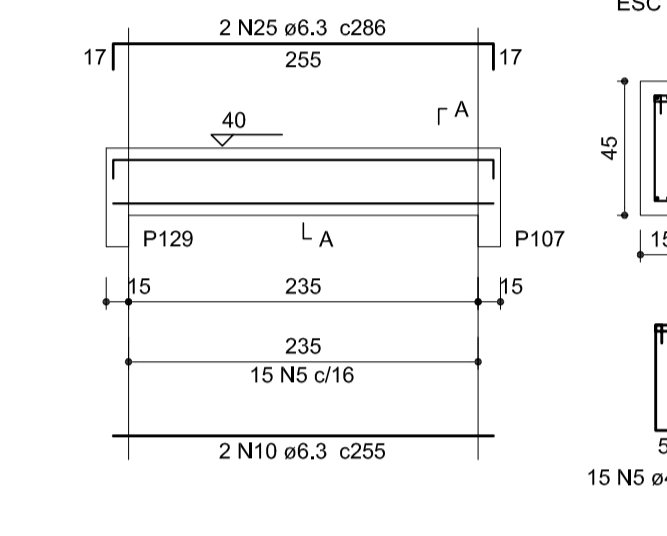
V35 (15 x 55)
ESC 1:50



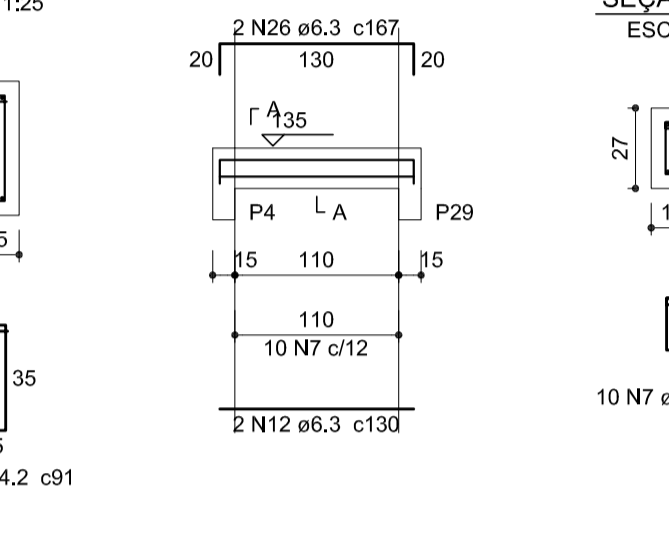
V36 (15 x 55)
ESC 1:50



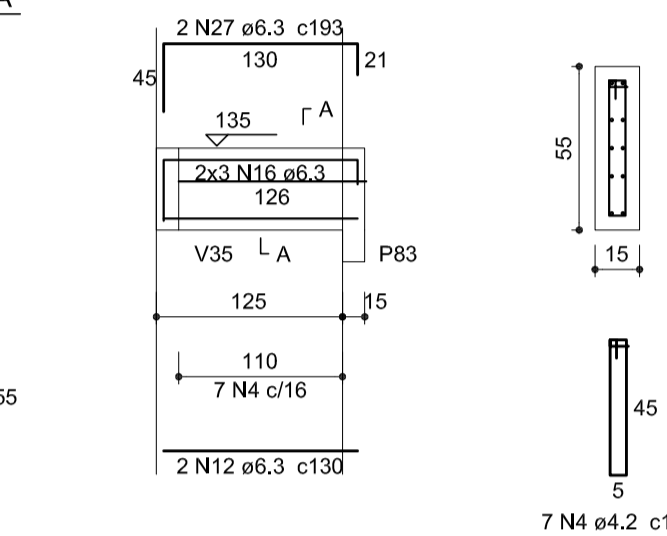
V37 (15 x 45)
ESC 1:50



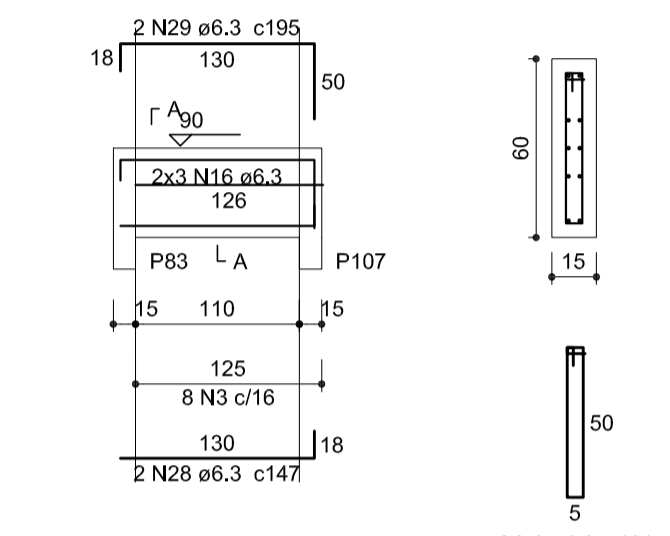
V38 (15 x 27)
ESC 1:50



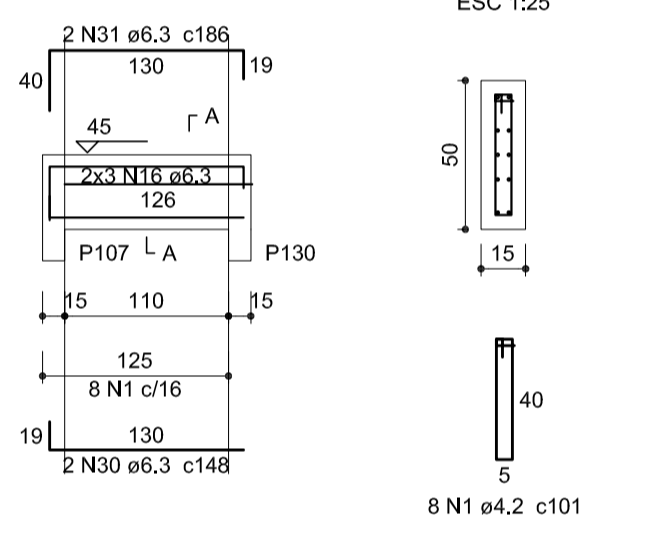
V39 (15 x 55)
ESC 1:50



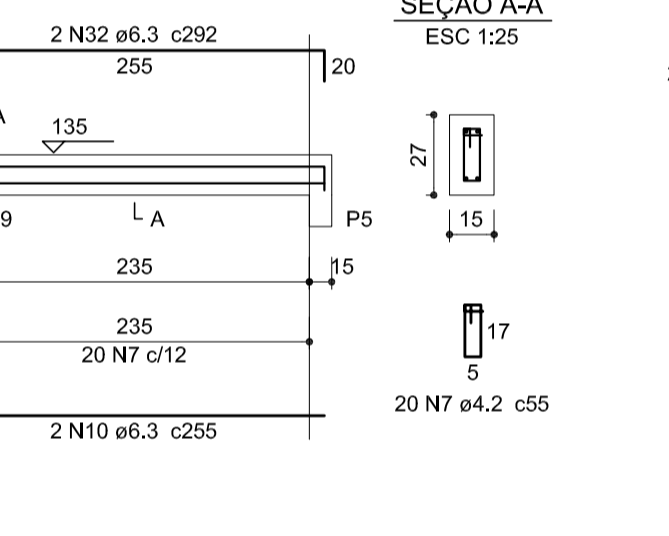
V40 (15 x 60)
ESC 1:50



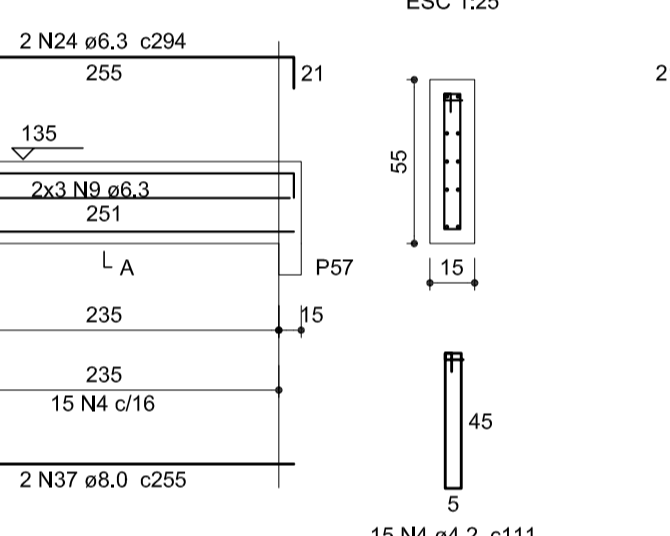
V41 (15 x 50)
ESC 1:50



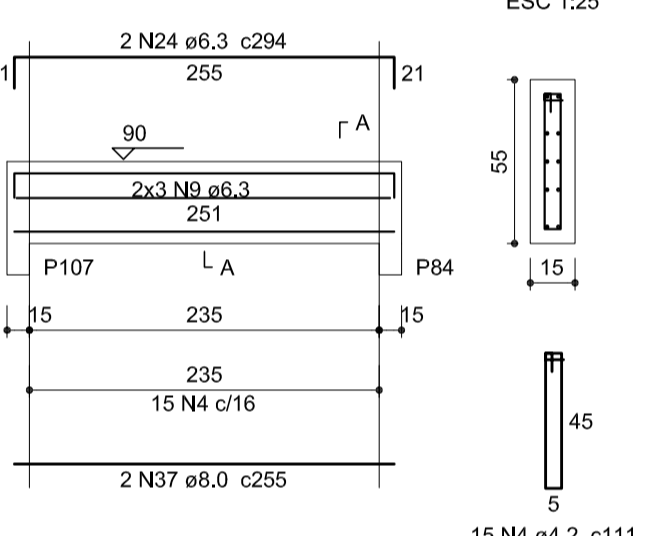
V42 (15 x 27)
ESC 1:50



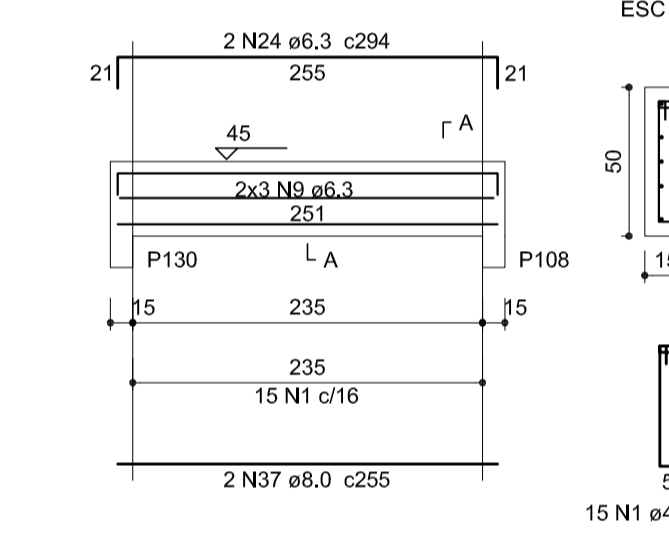
V43 (15 x 55)
ESC 1:50



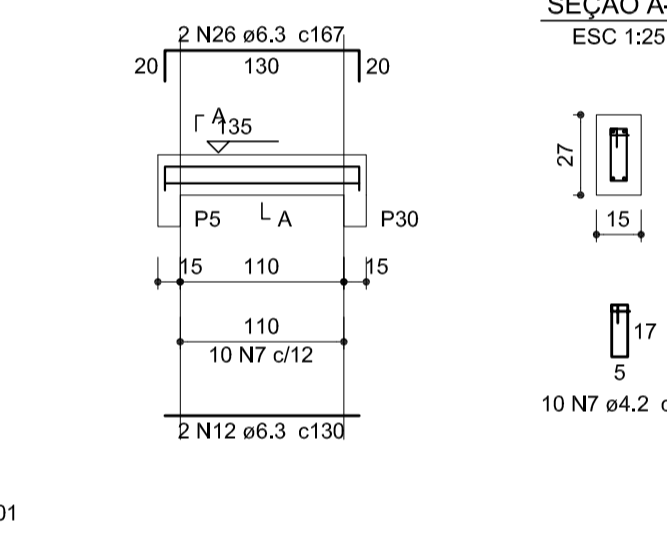
V44 (15 x 55)
ESC 1:50



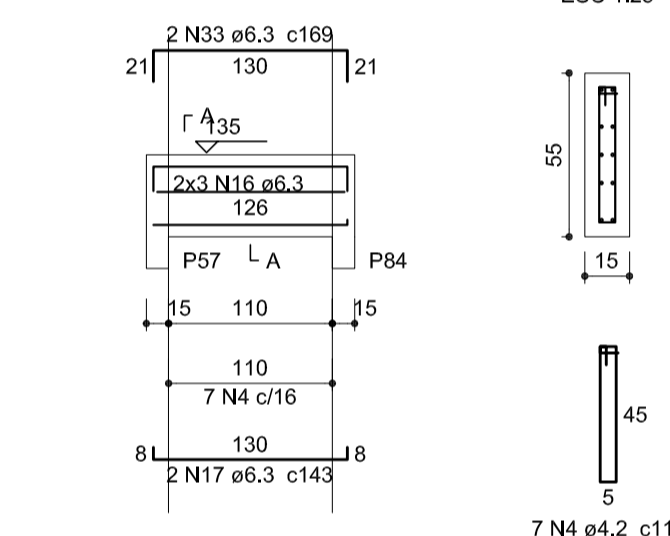
V45 (15 x 50)
ESC 1:50



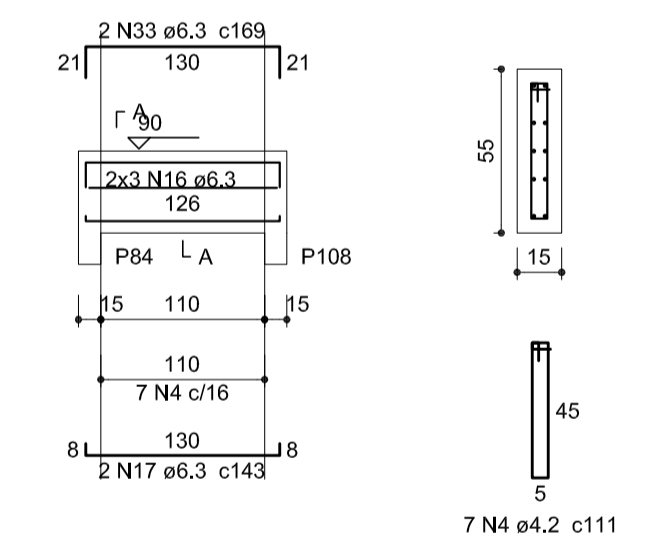
V46 (15 x 27)
ESC 1:50



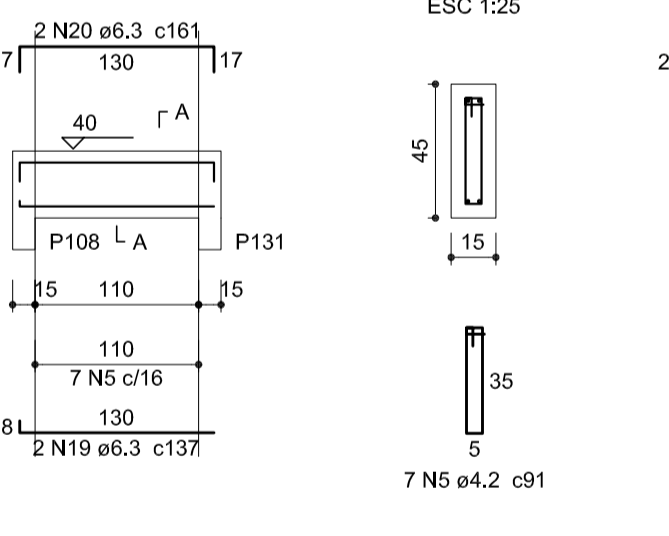
V47 (15 x 55)
ESC 1:50



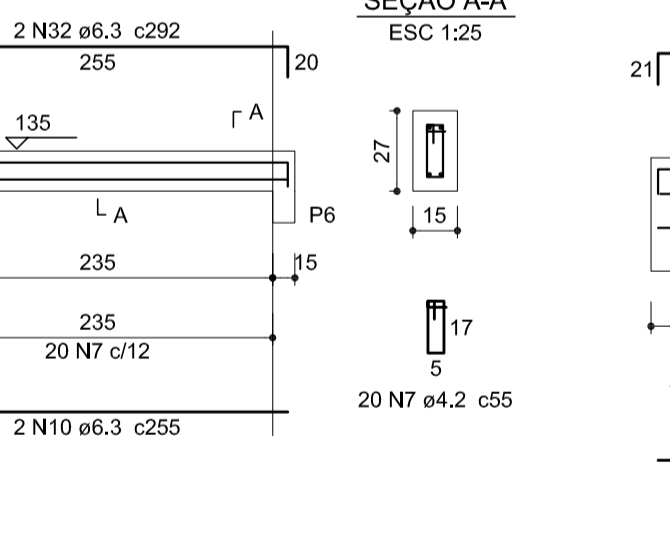
V48 (15 x 55)
ESC 1:50



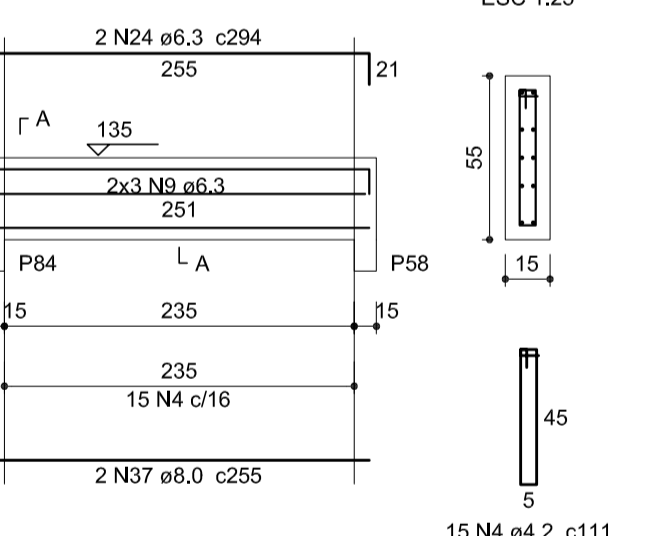
V49 (15 x 45)
ESC 1:50



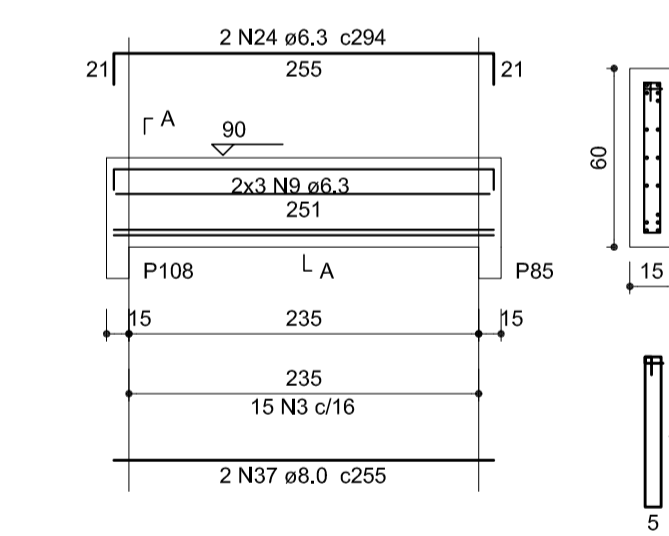
V50 (15 x 27)
ESC 1:50



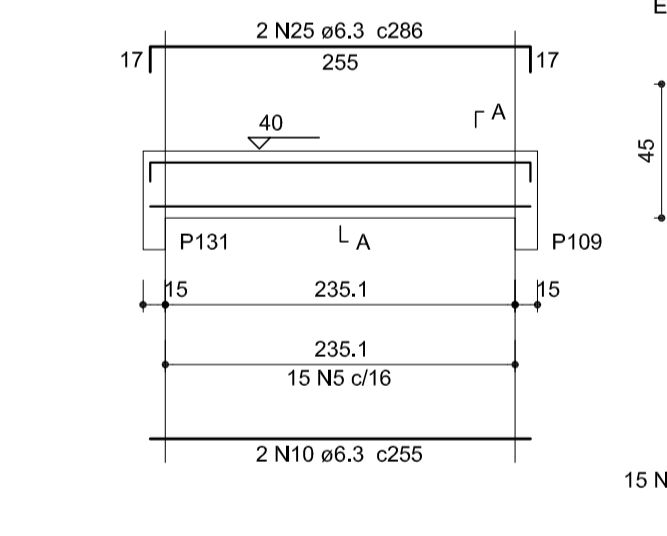
V51 (15 x 55)
ESC 1:50



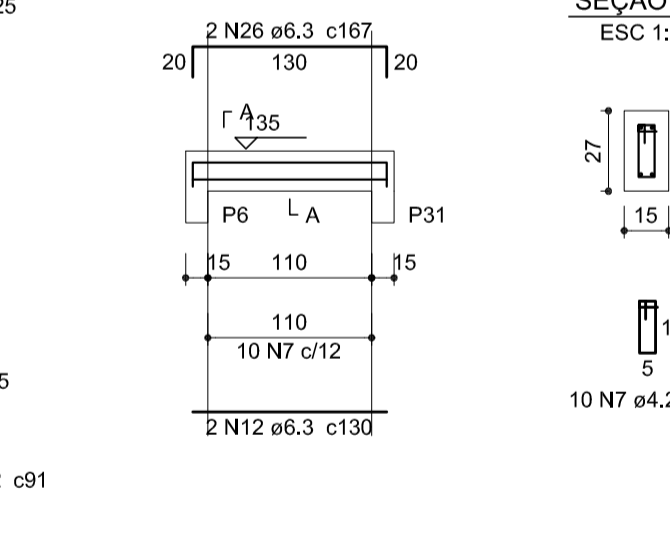
V52 (15 x 60)
ESC 1:50



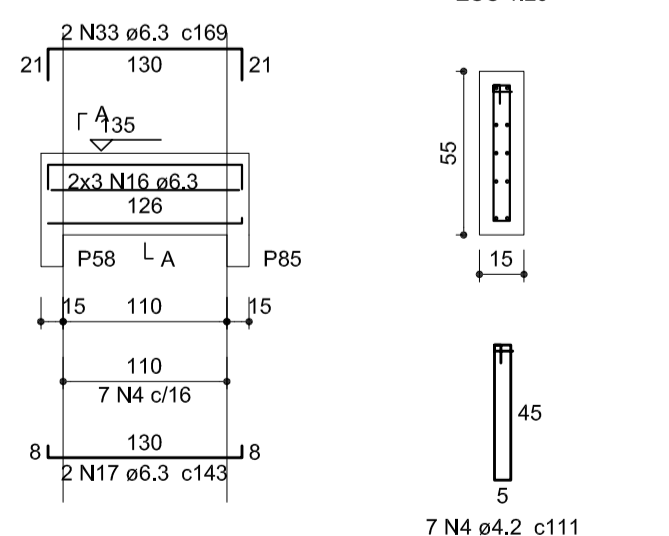
V53 (15 x 45)
ESC 1:50



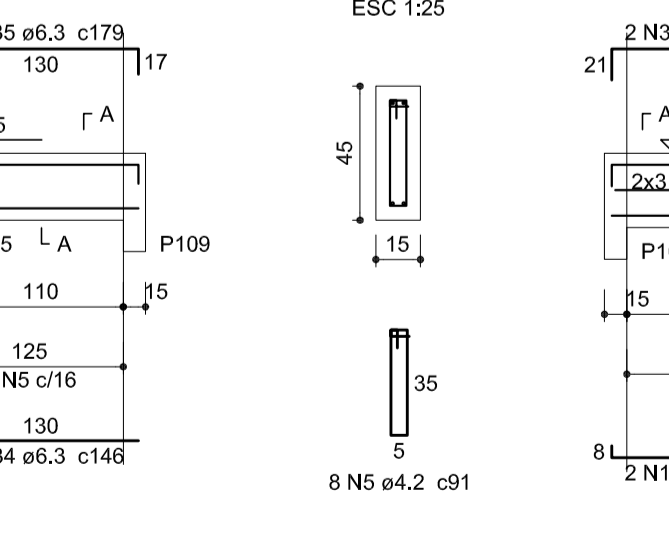
V54 (15 x 27)
ESC 1:50



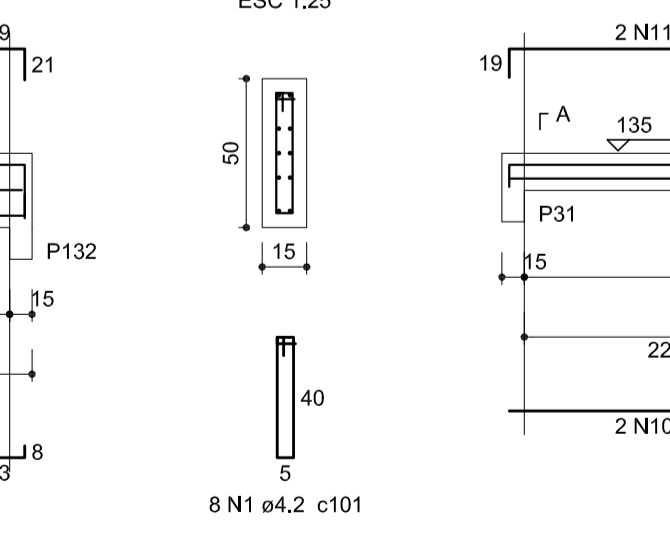
V55 (15 x 55)
ESC 1:50



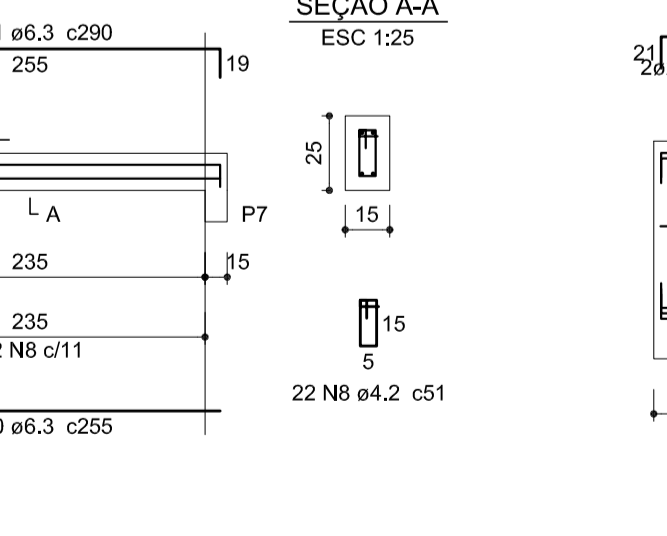
V56 (15 x 45)
ESC 1:50



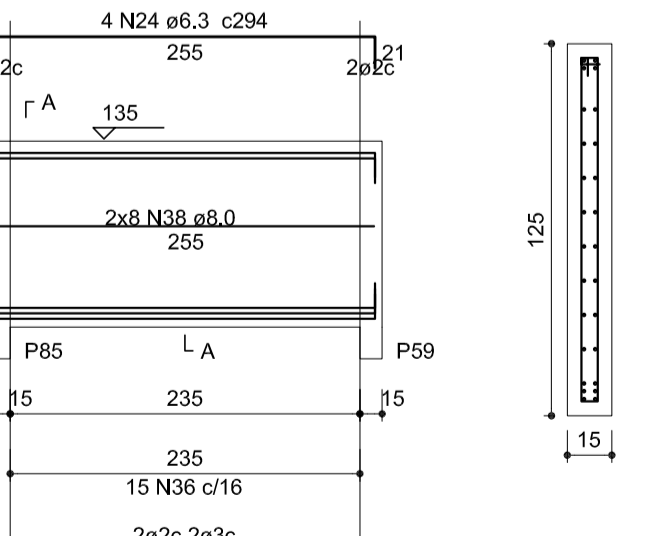
V57 (15 x 50)
ESC 1:50



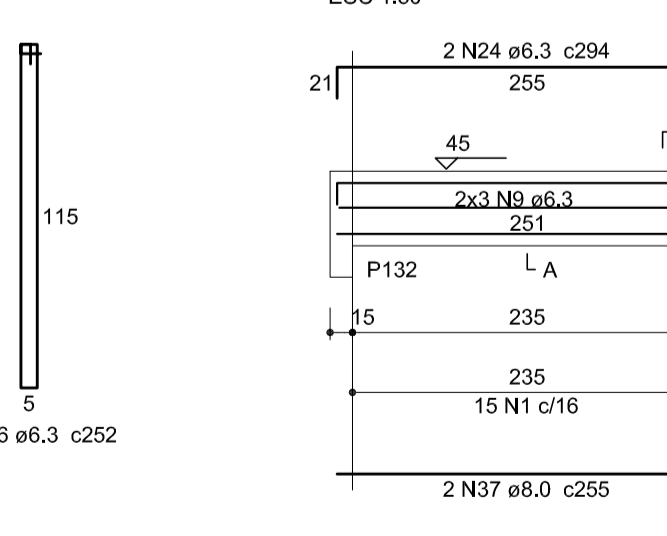
V58 (15 x 25)
ESC 1:50



V59 (15 x 125)
ESC 1:50



V60 (15 x 50)
ESC 1:50



-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS

-OS ELEMENTOS ESTRUTURAIS PODERÃO SER APOIADOS DIRETAMENTE NO SOLO/CALÇADAVASALTO



SECRETARIA DE INFRAESTRUTURA URBANA
UNIDADE DE BANCO DE PROJETOS

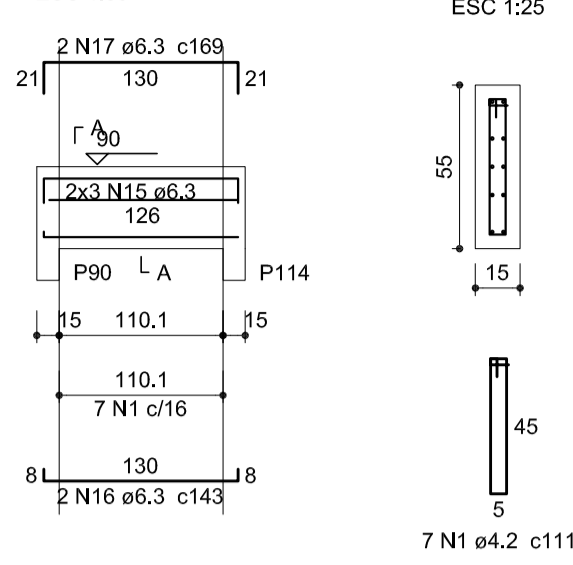
PROJETO DE ESTRUTURA
Quadra da dança - Arquibancada avenida

VIGAS - 2/7

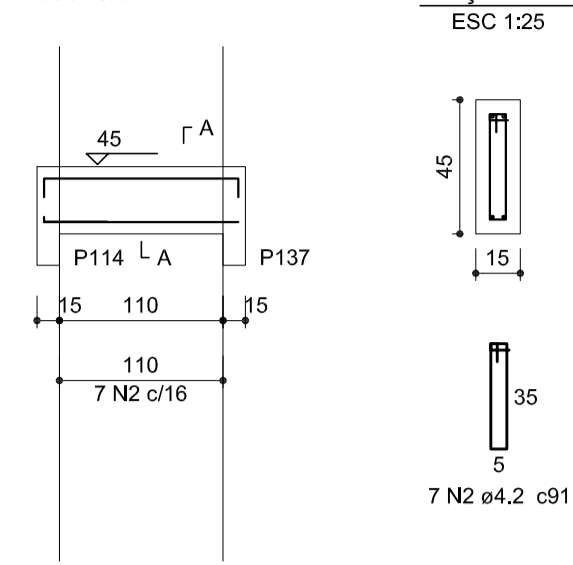
Project: ALEXANDRE SMORE SILVA CREA: 42.399-7
Co-Autor:
Requerente: Sepur
Escala: Indicada

Código: Quadra dança - avenida.dwg
Data: 11/2022
Número Pratic: 11/17
Nota: Para o Código do Projeto Defina-se:
1 grupo - Execução do Projeto;
2 grupo - Secretaria Fundação entre outros;
3 grupo - Tipo de Projeto;
4 grupo - Nome do Projeto (5 letras);
5 grupo - Número do Projeto;
6 grupo - Revisão / Ano.

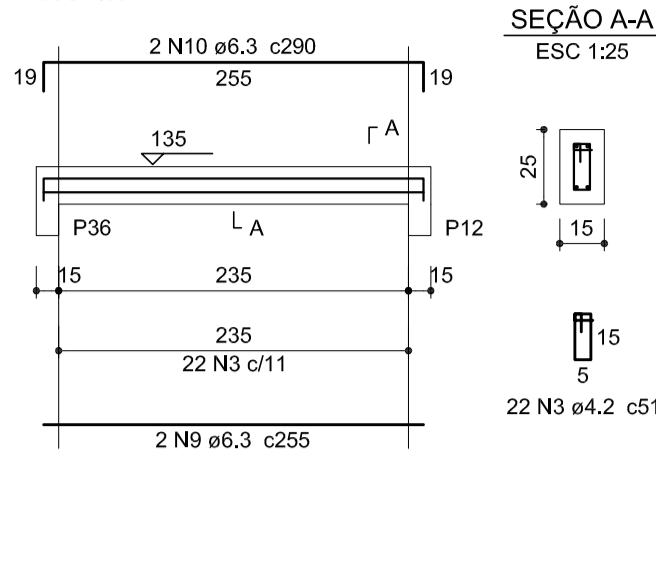
V95 (15 x 55)



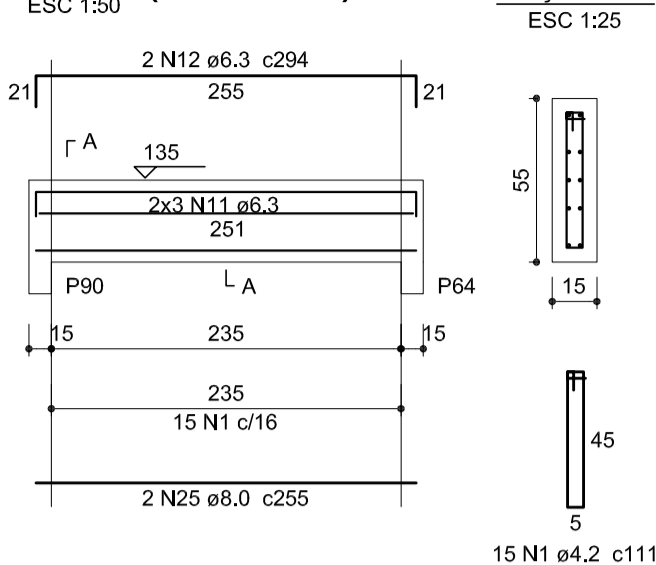
V96 (15 x 45)



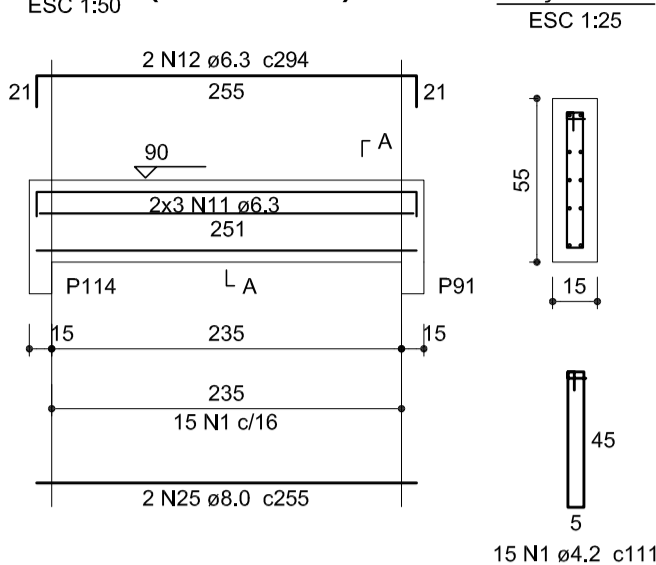
V97 (15 x 25)



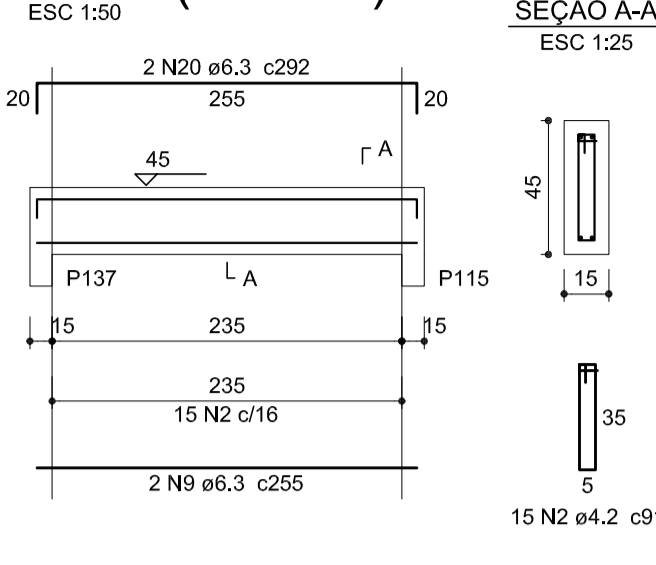
V98 (15 x 55)



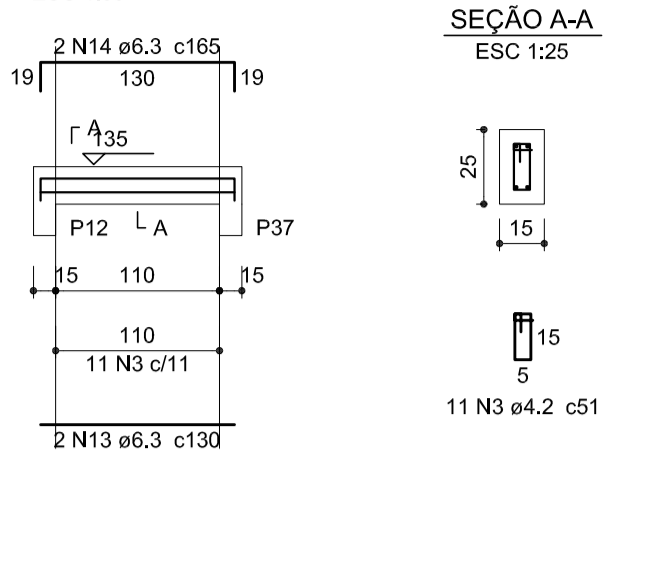
V99 (15 x 55)



V100 (15 x 45)



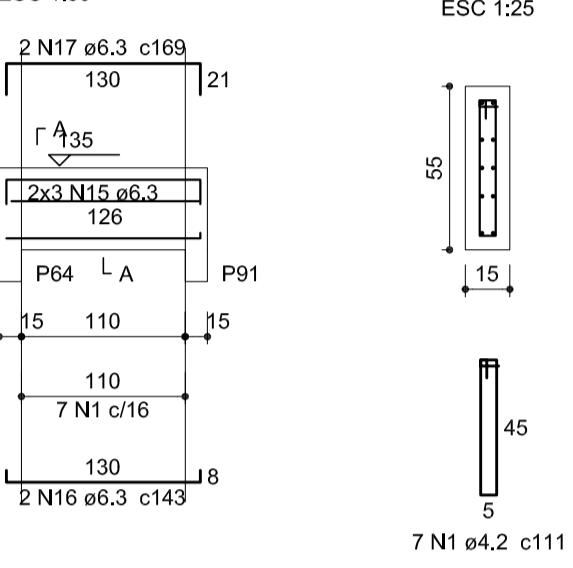
V101 (15 x 25)



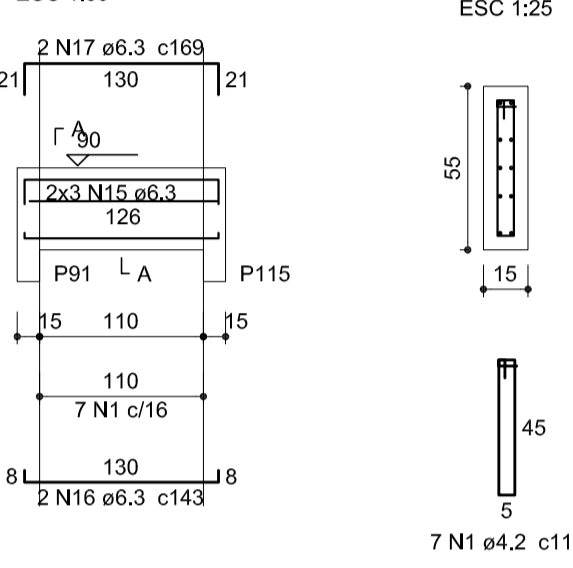
Relação do aço

ACO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	4.2	132	111	14652
	2	4.2	44	91	4004
	3	4.2	88	51	4488
	4	4.2	53	81	4293
	5	4.2	61	41	2501
	6	4.2	7	161	1127
	7	4.2	7	71	497
	8	4.2	7	241	1687
	9	6.3	18	255	4590
CA50	10	6.3	6	290	1740
	11	6.3	36	251	9036
	12	6.3	16	294	4704
	13	6.3	18	130	2340
	14	6.3	4	165	660
	15	6.3	56	126	7056
	16	6.3	12	143	1716
	17	6.3	12	169	2028
	18	6.3	18	167	3006
	19	6.3	4	286	1144
	20	6.3	12	292	3504
	21	6.3	2	161	322
	22	6.3	15	242	3630
	23	6.3	2	138	276
	24	6.3	2	154	308
	25	8.0	12	255	3060
	26	8.0	16	255	4080
	27	8.0	6	291	1746
	28	8.0	2	136	272
	29	8.0	4	166	664

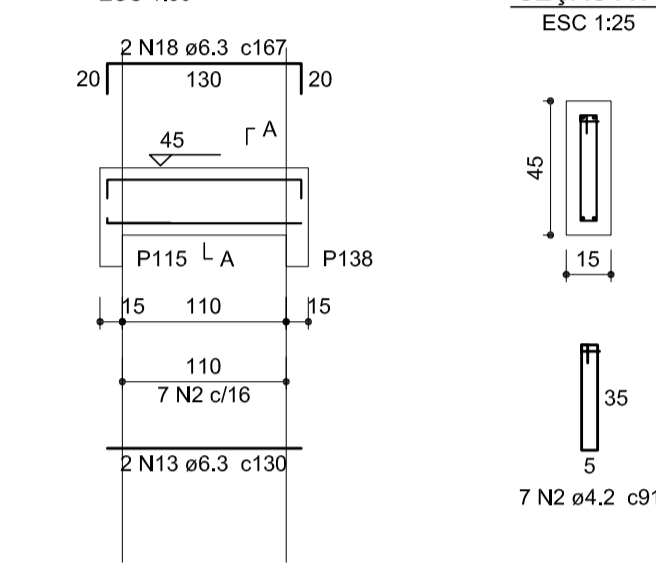
V102 (15 x 55)



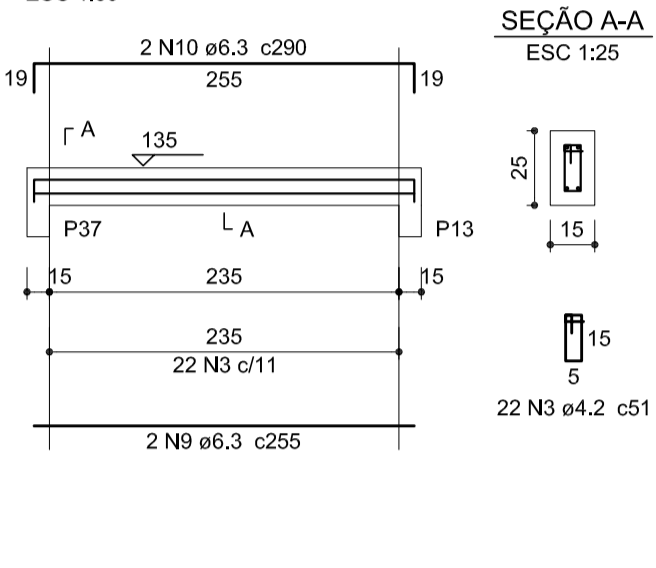
V103 (15 x 55)



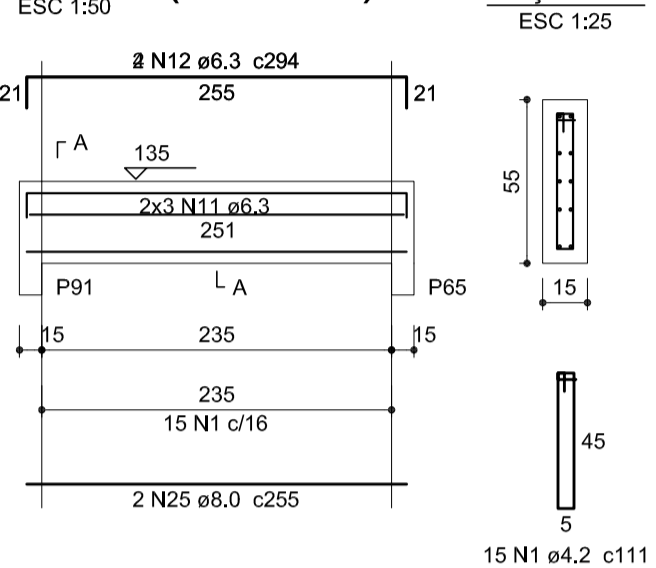
V104 (15 x 45)



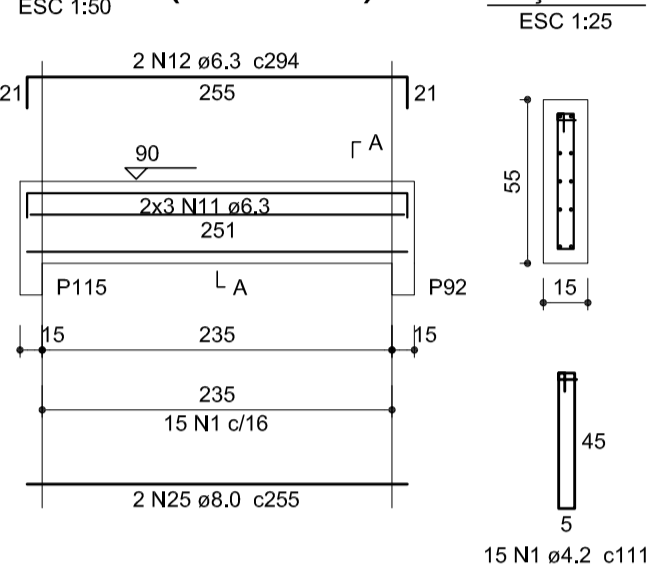
V105 (15 x 25)



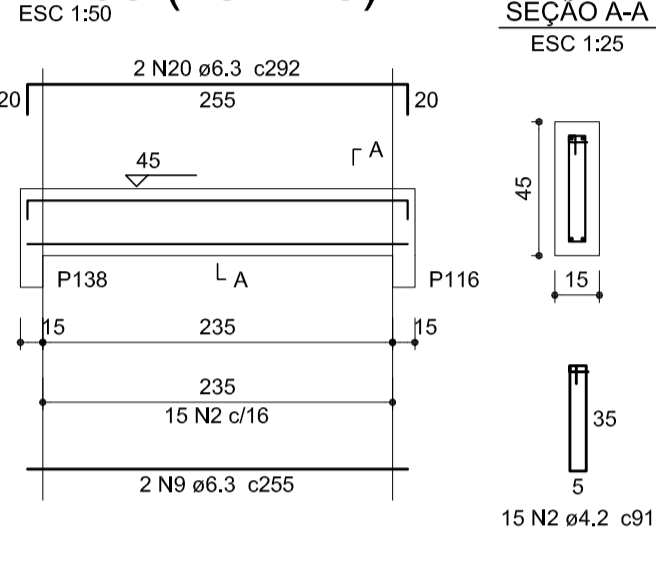
V106 (15 x 55)



V107 (15 x 55)



V108 (15 x 45)

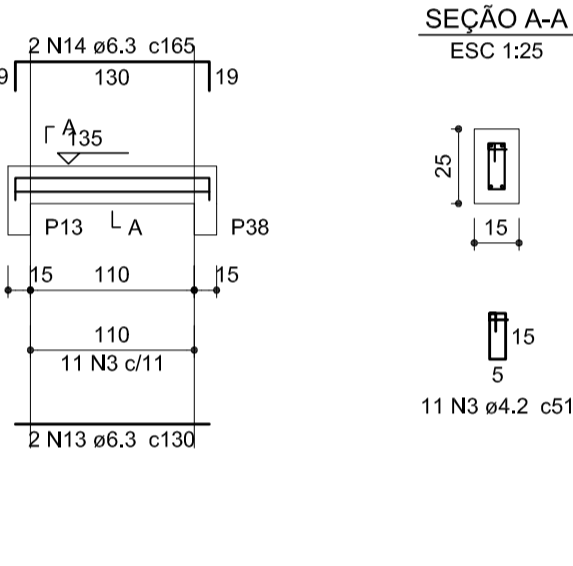


Resumo do aço

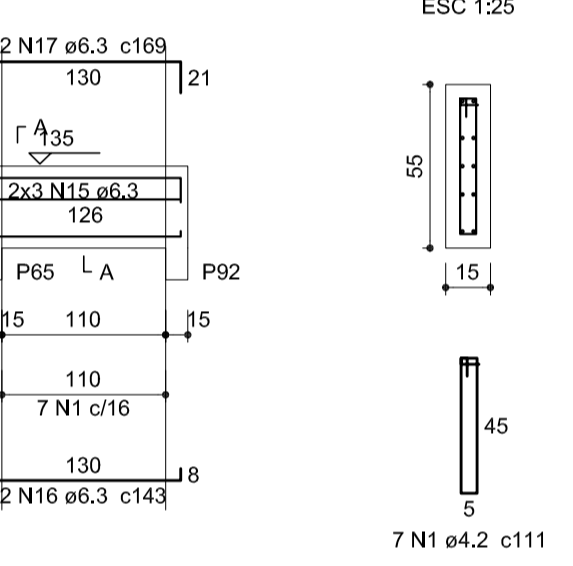
ACO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	460.6	124
CA60	8.0	98.3	42.6
CA60	4.2	332.5	39.8
PESO TOTAL (kg)			
CA50		166.6	
CA60		39.8	

Volume de concreto (C-30) = 4,74 m³
Área de forma = 68,31 m²

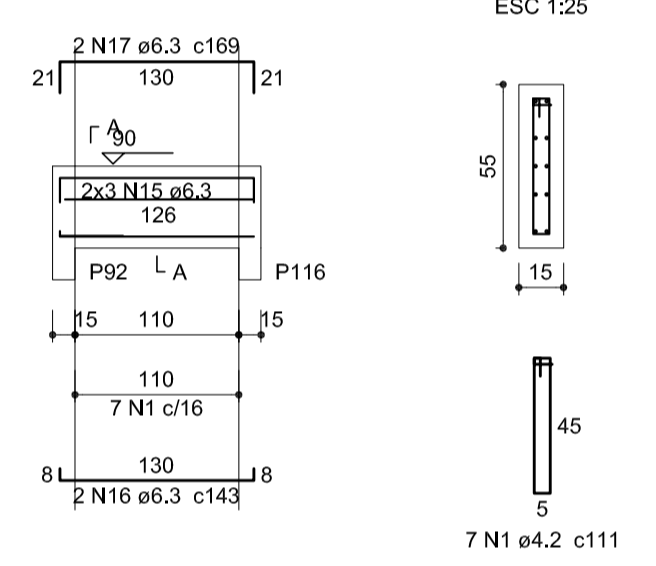
V109 (15 x 25)



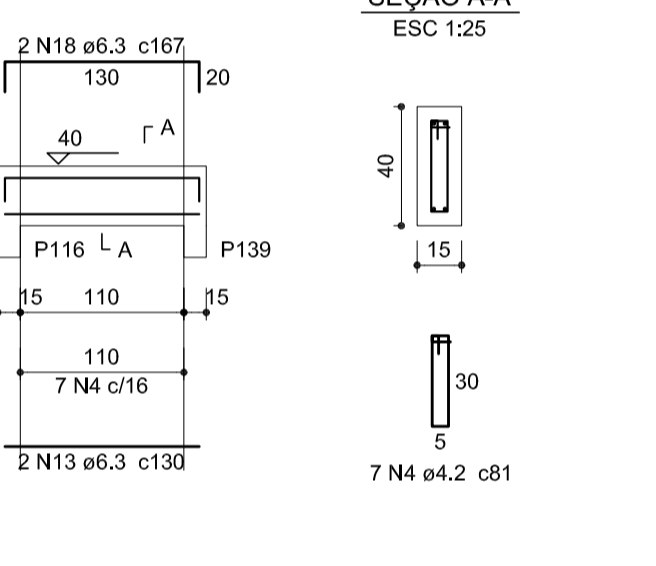
V110 (15 x 55)



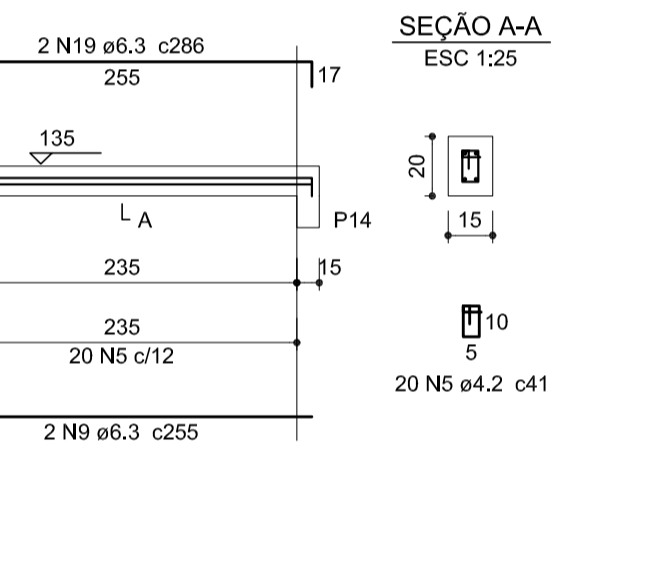
V111 (15 x 55)



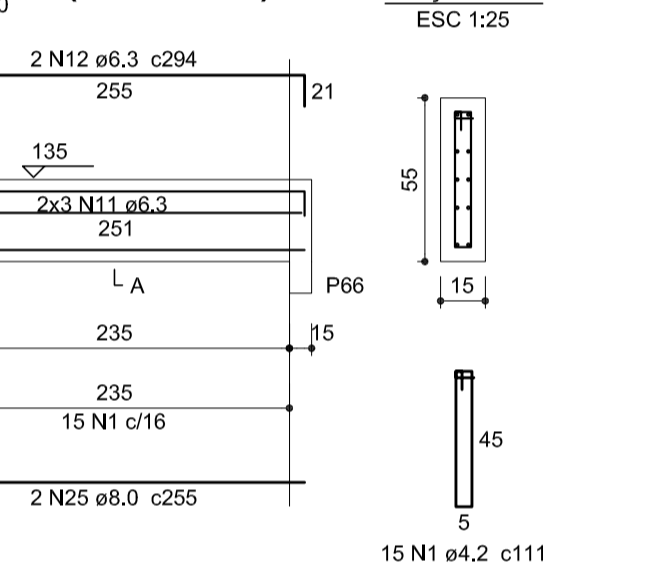
V112 (15 x 40)



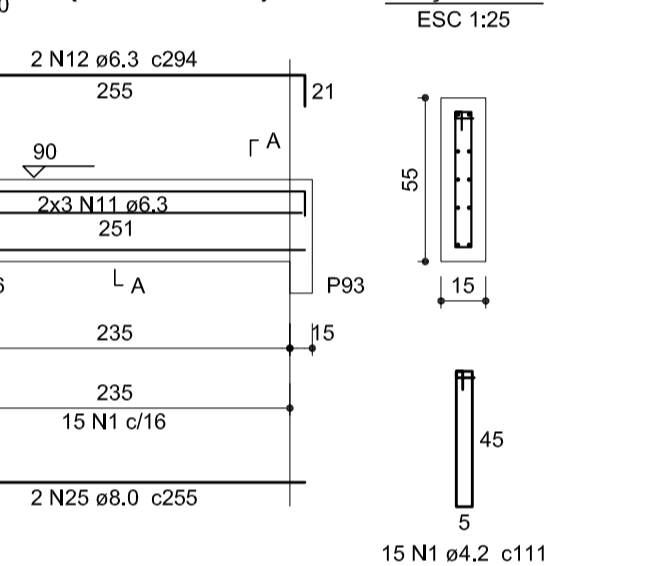
V114 (15 x 20)



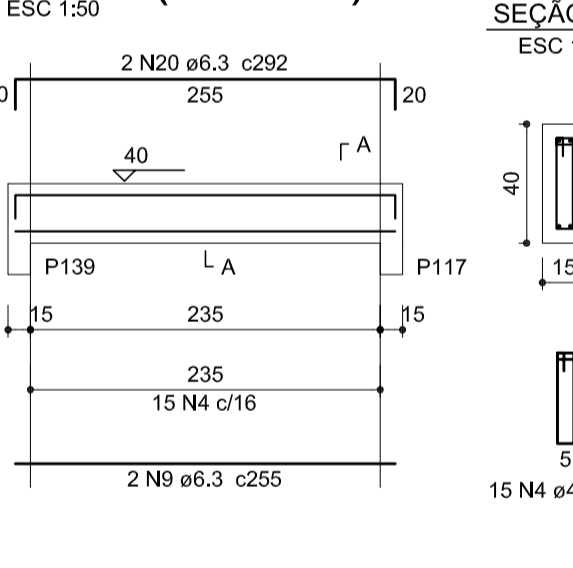
V115 (15 x 55)



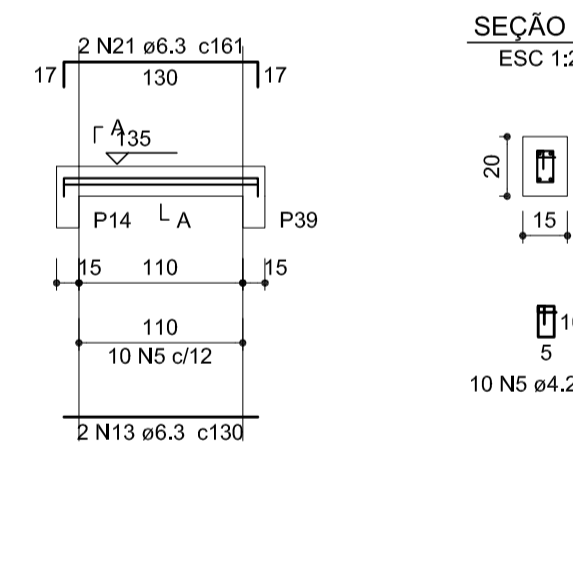
V116 (15 x 55)



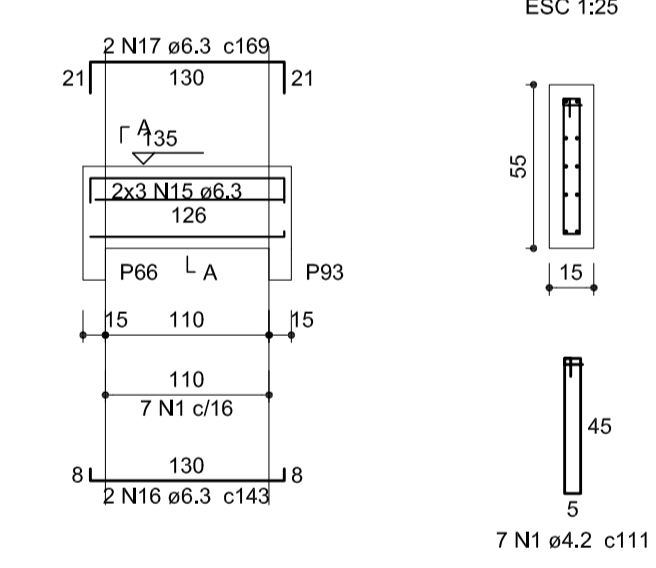
V117 (15 x 40)



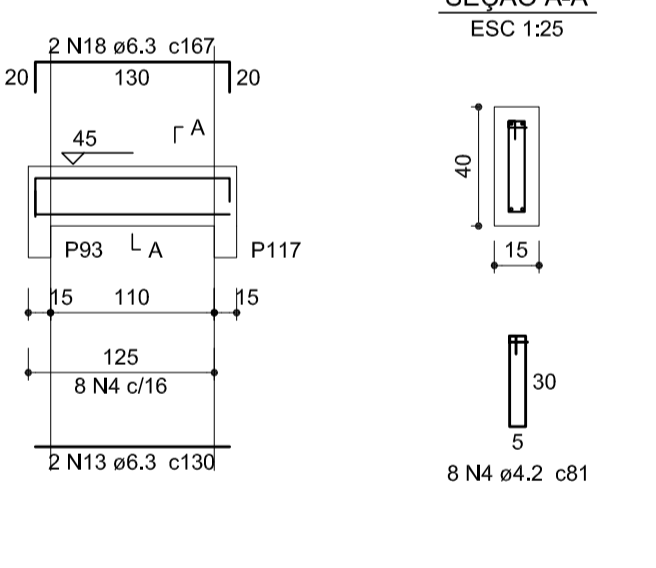
V118 (15 x 20)



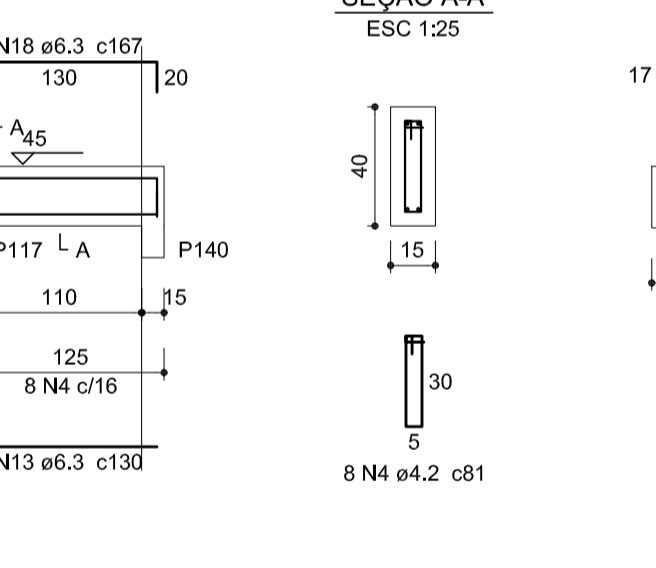
V119 (15 x 55)



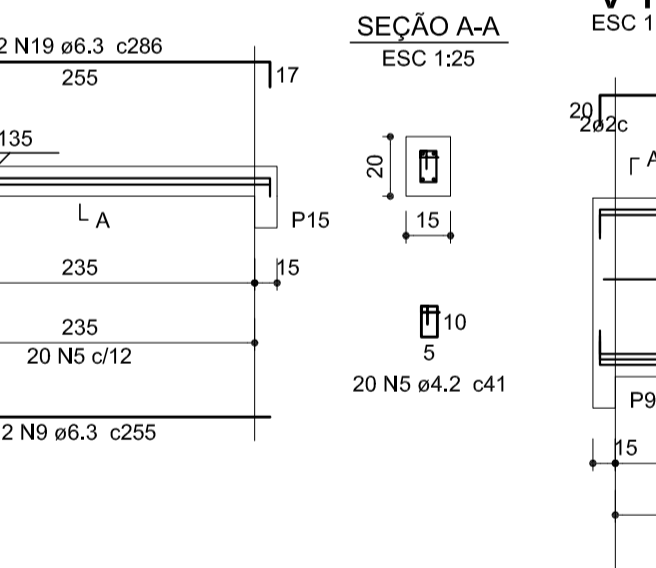
V120 (15 x 40)



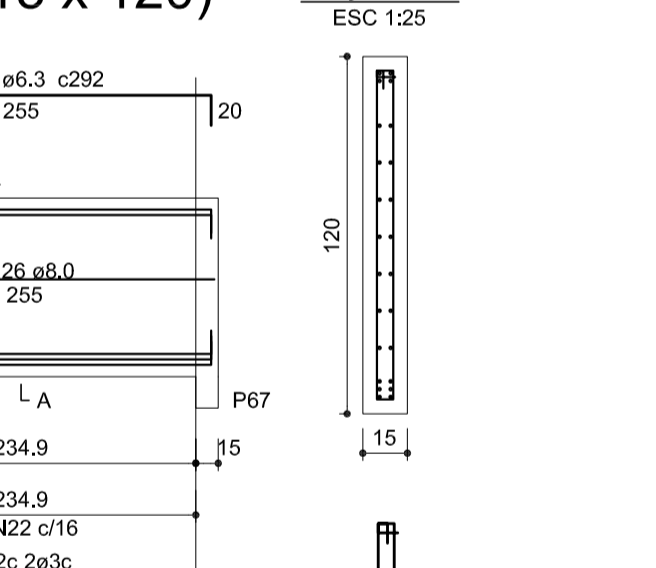
V121 (15 x 40)



V122 (15 x 20)



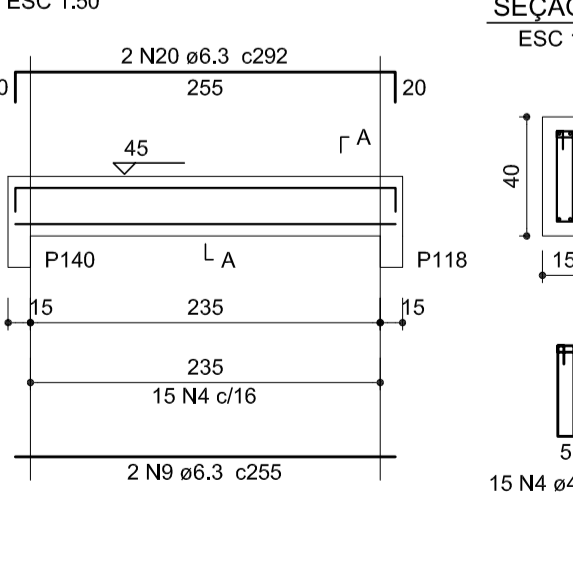
V123 (15 x 120)



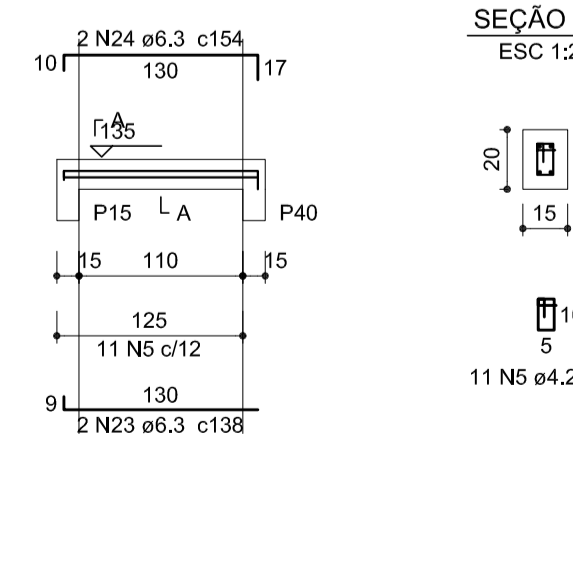
-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS

-OS ELEMENTOS ESTRUTURAIS PODERÃO SER APOIADOS DIRETAMENTE NO SOLO/CALÇADA/ASFALTO

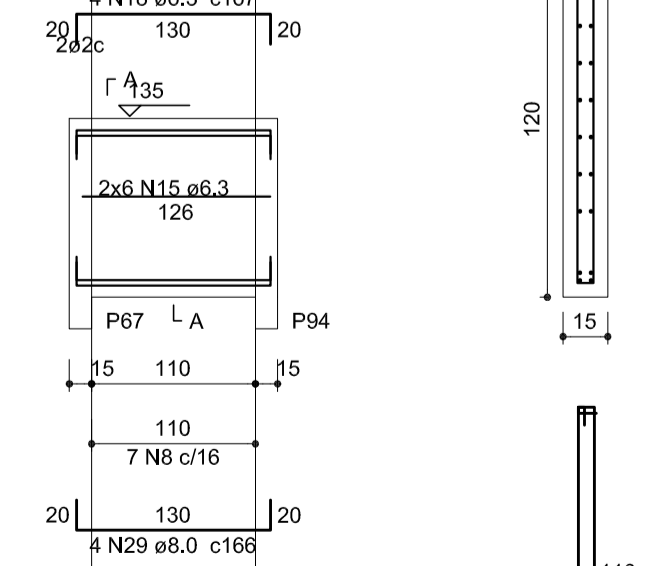
V124 (15 x 40)



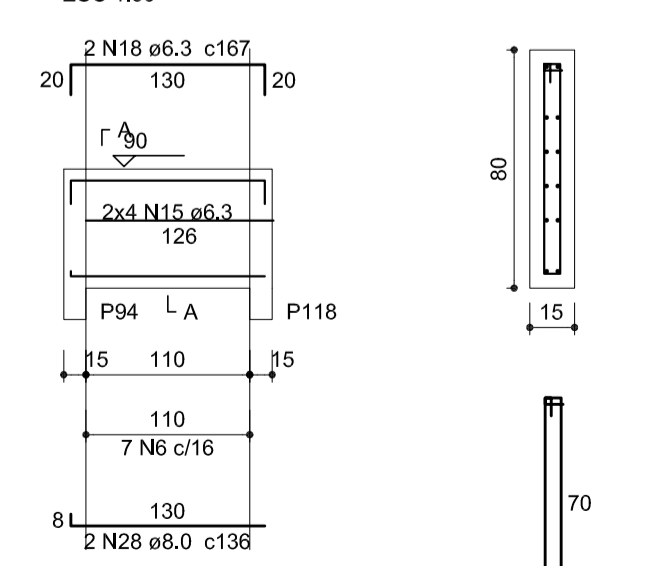
V125 (15 x 20)



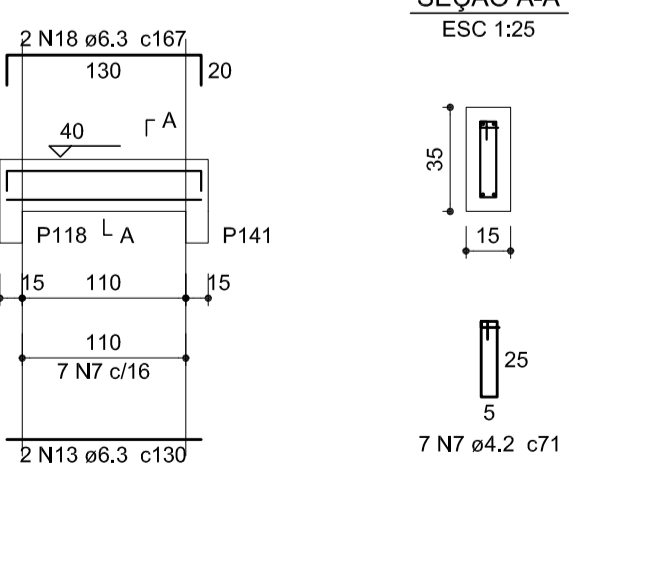
V126 (15 x 120)



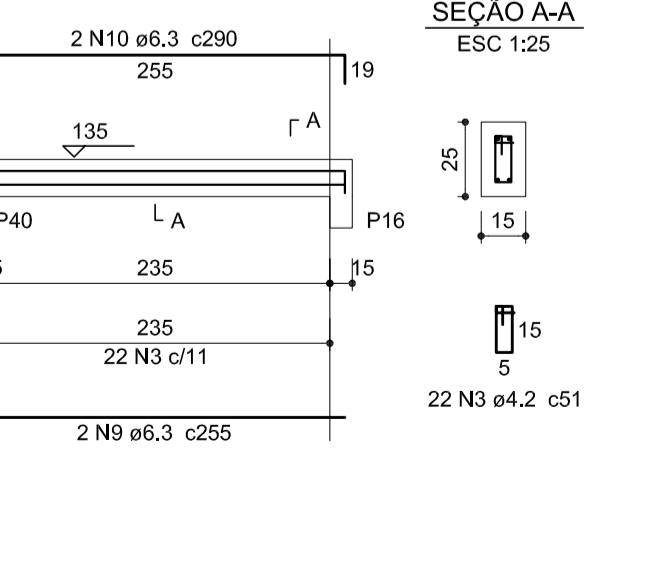
V127 (15 x 80)



V128 (15 x 35)



V129 (15 x 25)



SECRETARIA DE INFRAESTRUTURA URBANA
UNIDADE DE BANCO DE PROJETOS

Projeto: **PROJETO DE ESTRUTURA**
Quadra da dança - ArquiBancada avenida

Conteúdo: **VIGAS - 4/7**

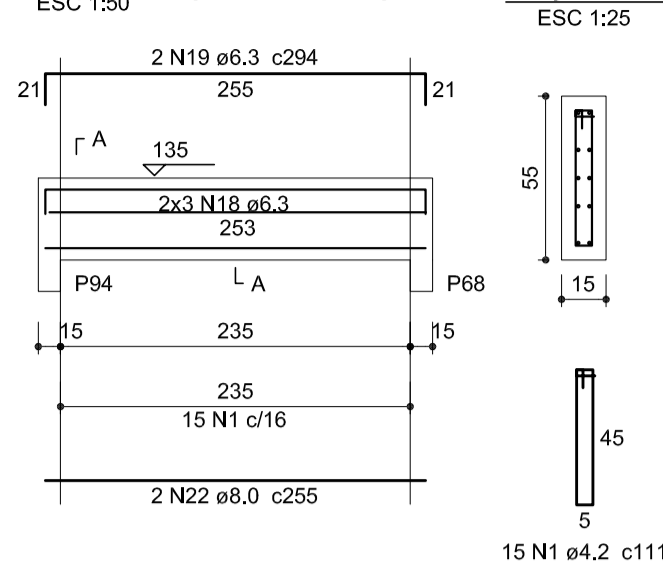
Autores: **ALEXANDRE SMORE SILVA** CREA: 42.396-7
Ass.:
Co-Autor: Ass.:

Código: **Quadra dança - avenida.dwg**
Data: **11/2022** Número Praticas: **13/17**

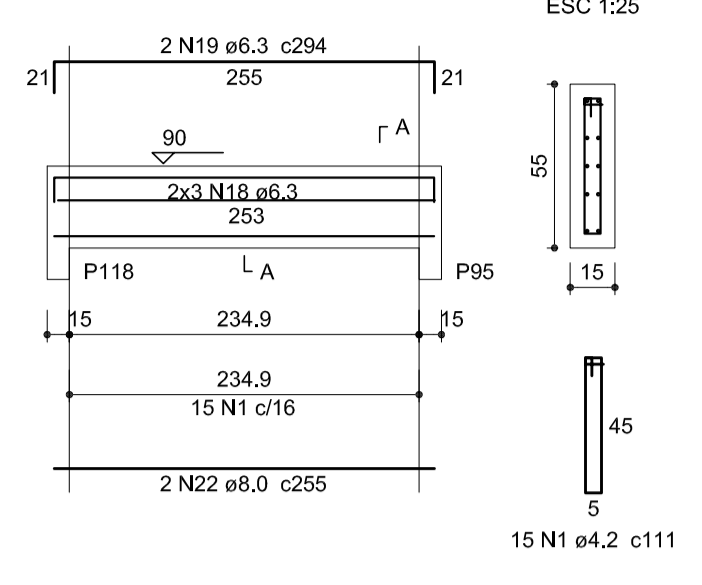
Requerente: **Sepur**
Escola: Indicação: **Alexandre** Desenhista CAD:

Nota: Para o Código do Projeto Defina-se:
1 grupo - Execução do Projeto;
2 grupo - Secretaria, Fundação entre outros;
3 grupo - Tipo de Projeto;
4 grupo - Nome do Projeto (5 letras)
5 grupo - Número do Projeto;
6 grupo - Revisão / Ano.

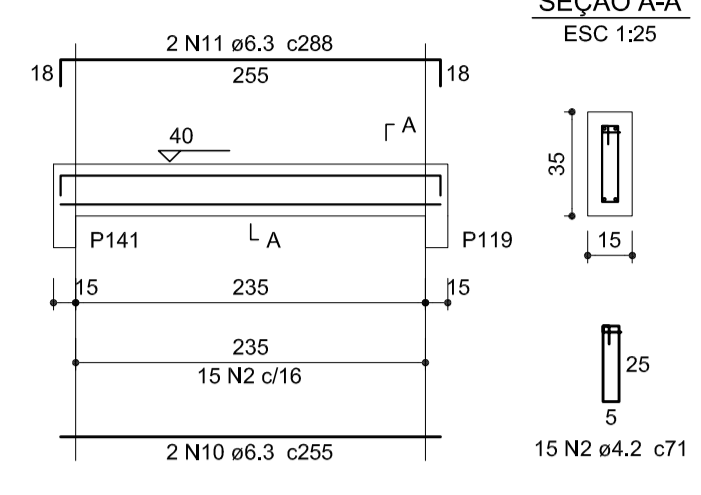
V130 (15 x 55)



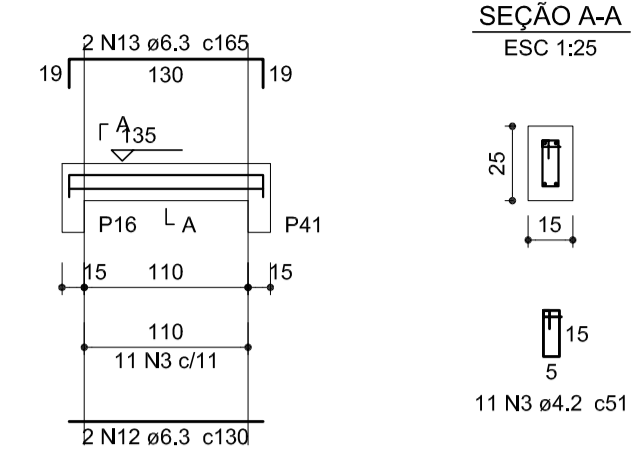
V131 (15 x 55)



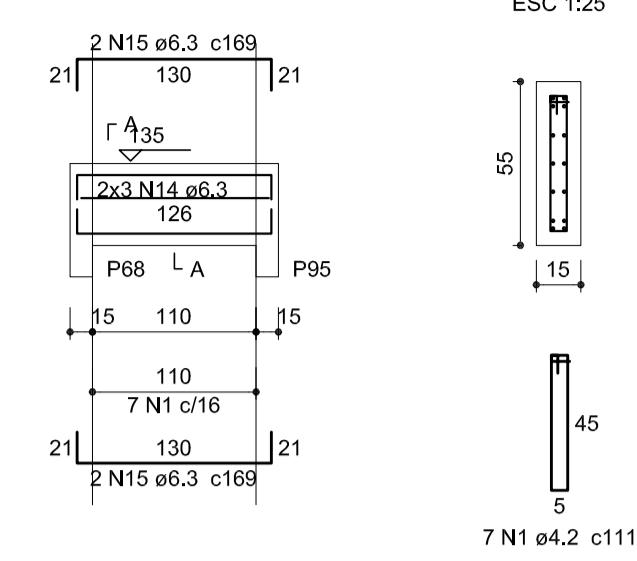
V132 (15 x 35)



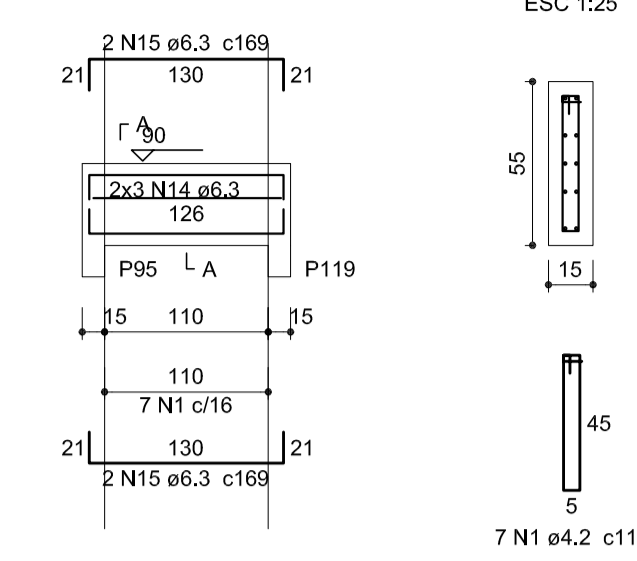
V133 (15 x 25)



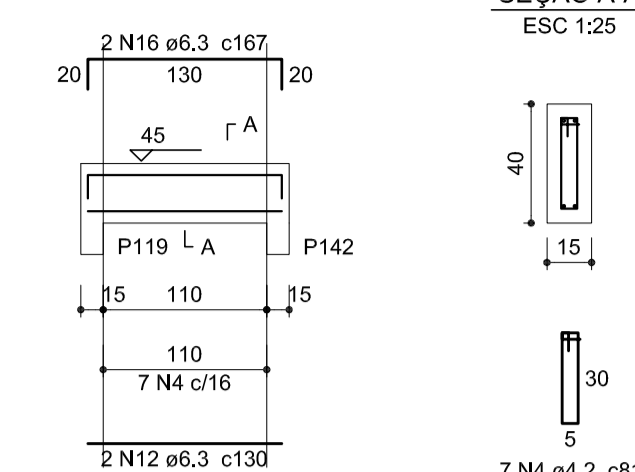
V134 (15 x 55)



V135 (15 x 55)



V136 (15 x 40)



Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	4.2	126	111	13986
	2	4.2	45	71	3195
	3	4.2	77	51	3927
	4	4.2	45	81	3645
	5	4.2	7	171	1197
	6	4.2	58	61	3538
	7	4.2	7	101	707
	8	5.0	15	172	2580
	9	5.0	15	152	2280
	10	6.3	24	255	6120
	11	6.3	12	288	3456
	12	6.3	20	130	2600
	13	6.3	6	165	990
	14	6.3	36	CORR	4536
	15	6.3	26	169	4394
	16	6.3	14	167	2338
	17	6.3	6	290	1740
	18	6.3	54	CORR	13662
	19	6.3	14	294	4116
	20	6.3	10	CORR	1100
	21	6.3	2	143	286
	22	8.0	12	255	3060

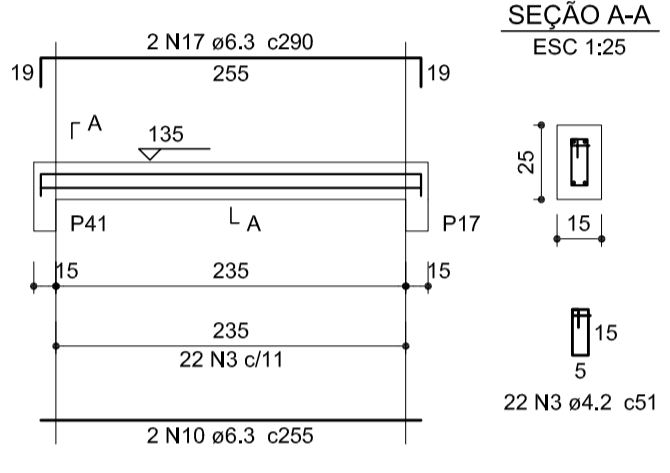
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	453.4	122
CA60	8.0	30.6	13.3
CA60	4.2	302	36.1
CA60	5.0	48.6	8.2

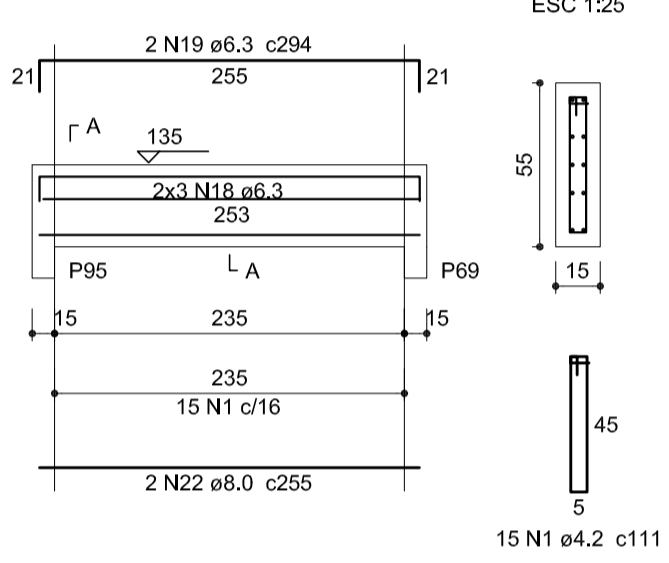
PESO TOTAL (kg)
CA50 135.3
CA60 44.4

Volume de concreto (C-30) = 4.49 m³
Área de forma = 64.75 m²

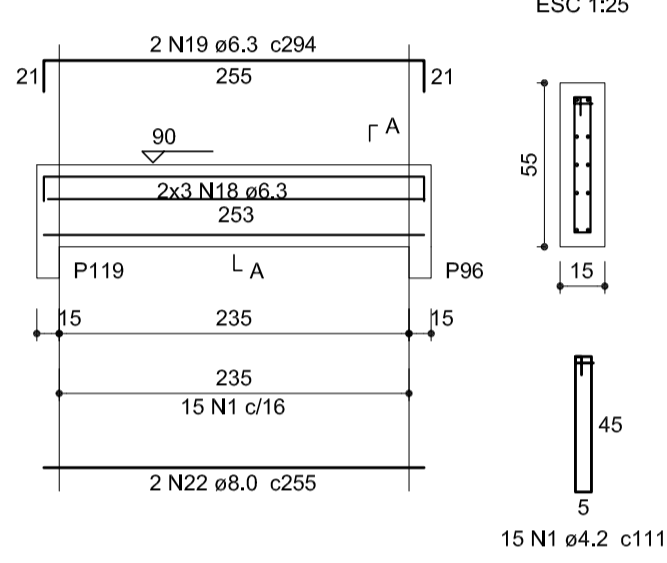
V137 (15 x 25)



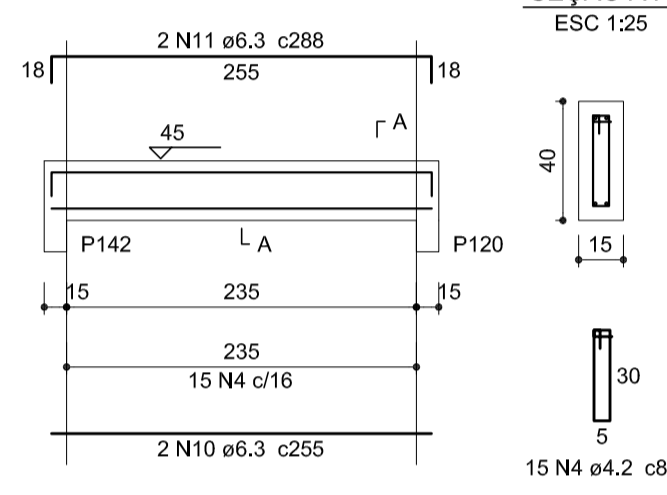
V138 (15 x 55)



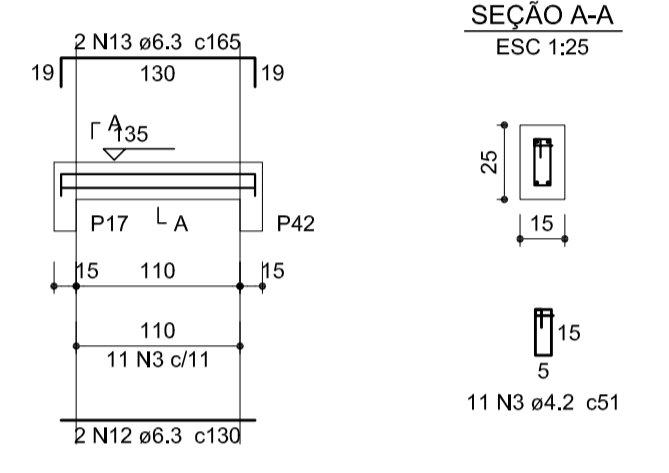
V139 (15 x 55)



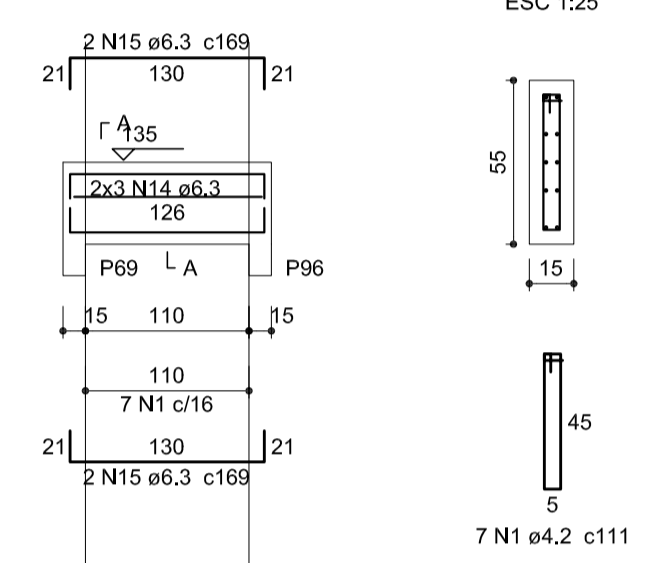
V140 (15 x 40)



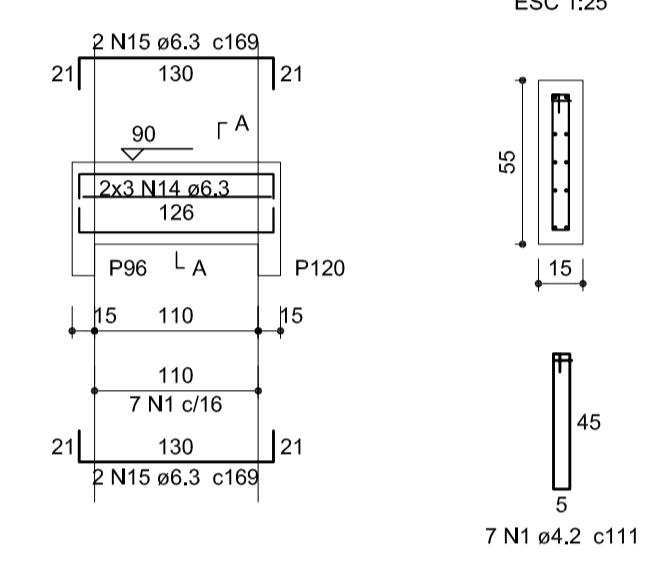
V141 (15 x 25)



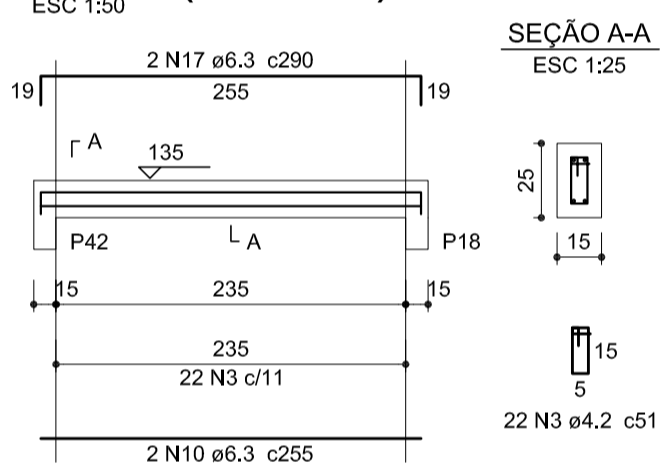
V142 (15 x 55)



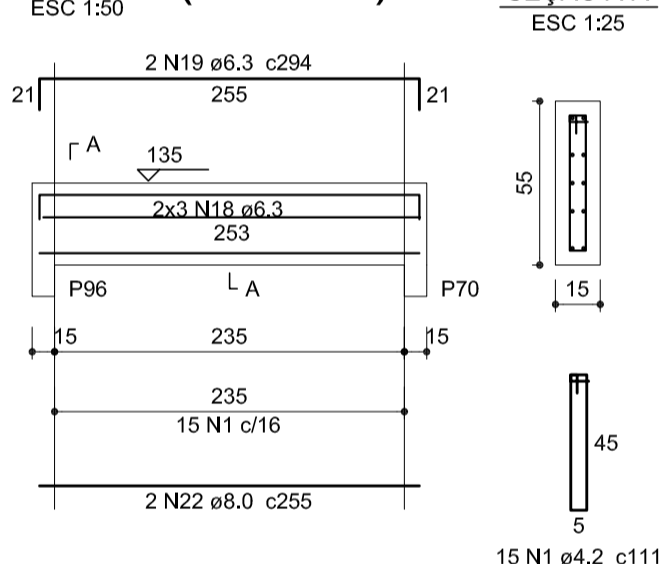
V143 (15 x 55)



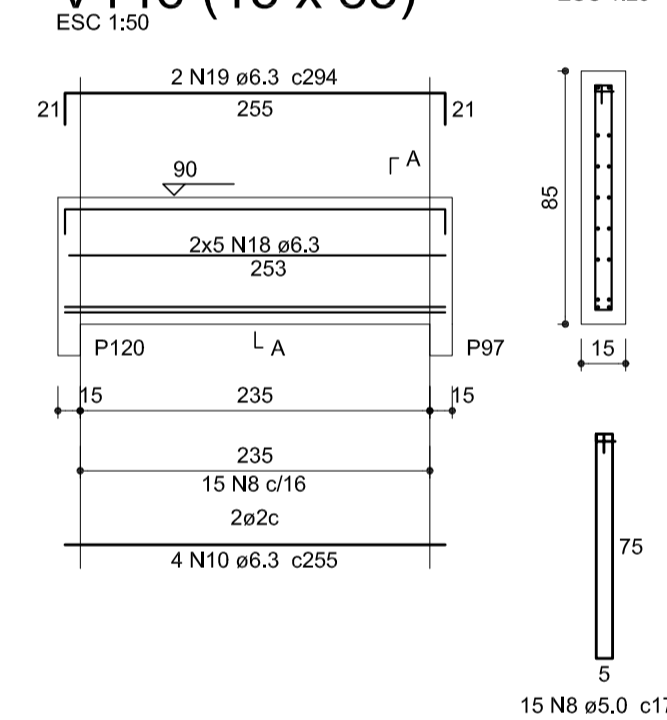
V144 (15 x 25)



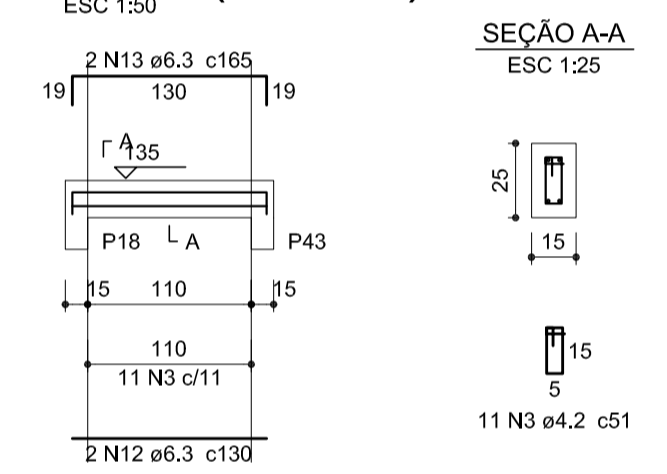
V145 (15 x 55)



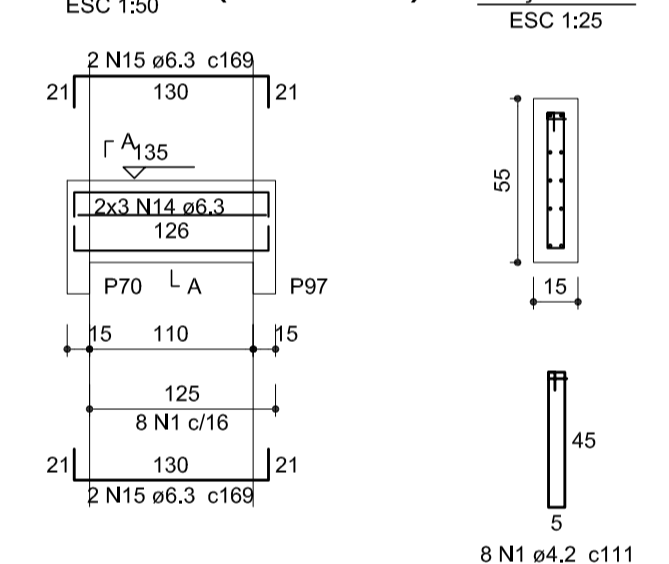
V146 (15 x 85)



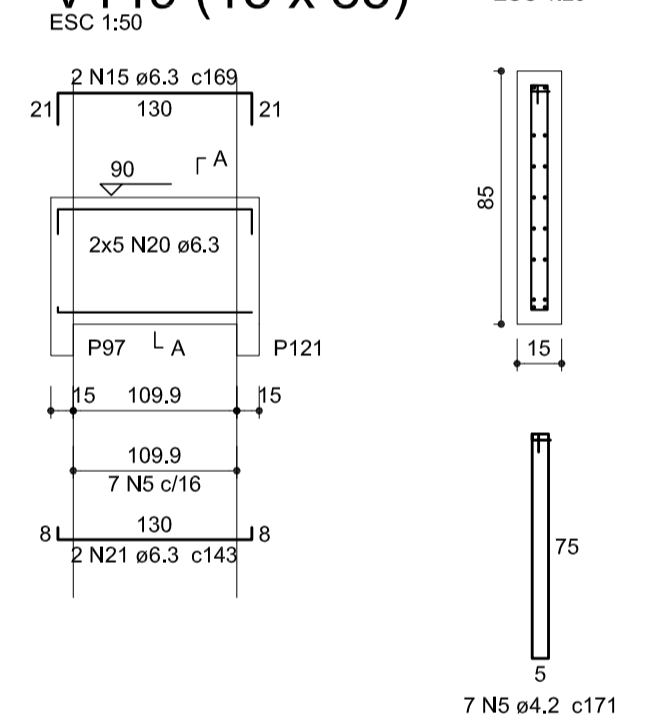
V147 (15 x 25)



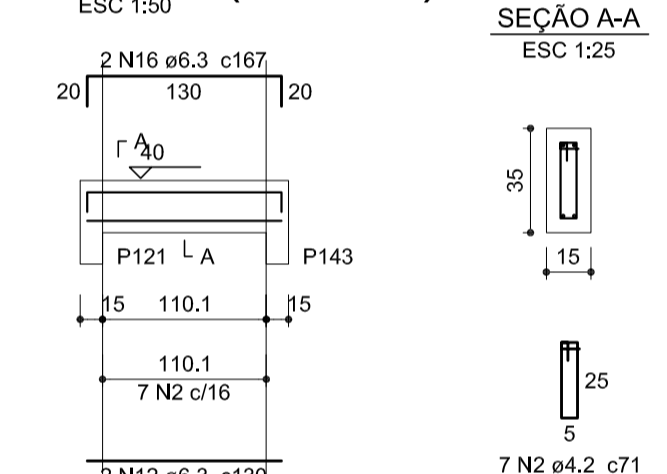
V148 (15 x 55)



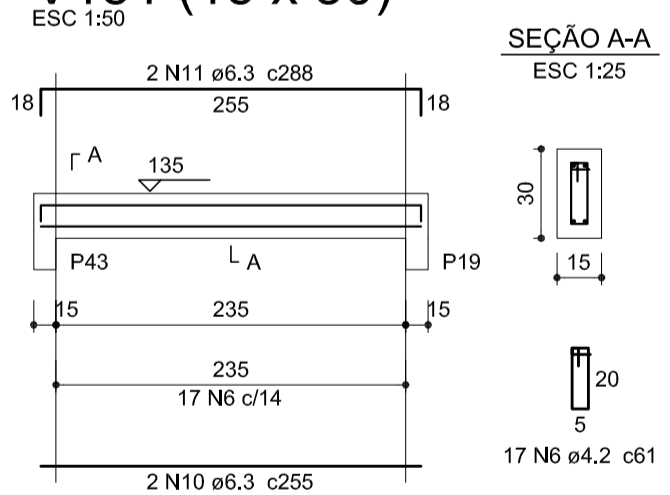
V149 (15 x 85)



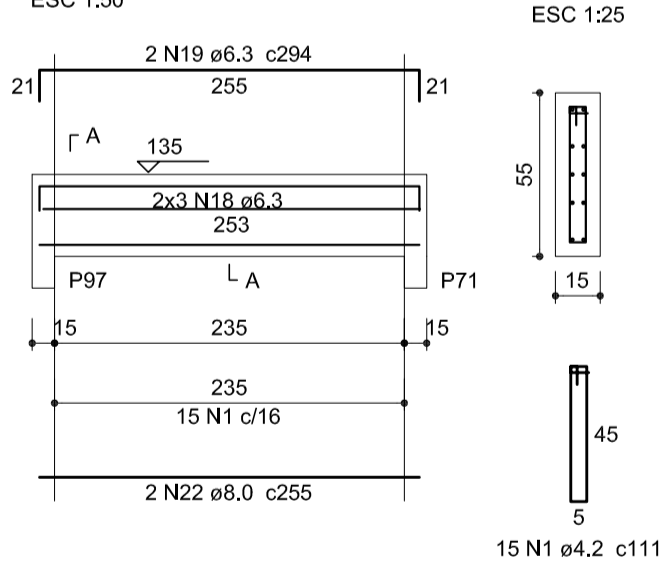
V150 (15 x 35)



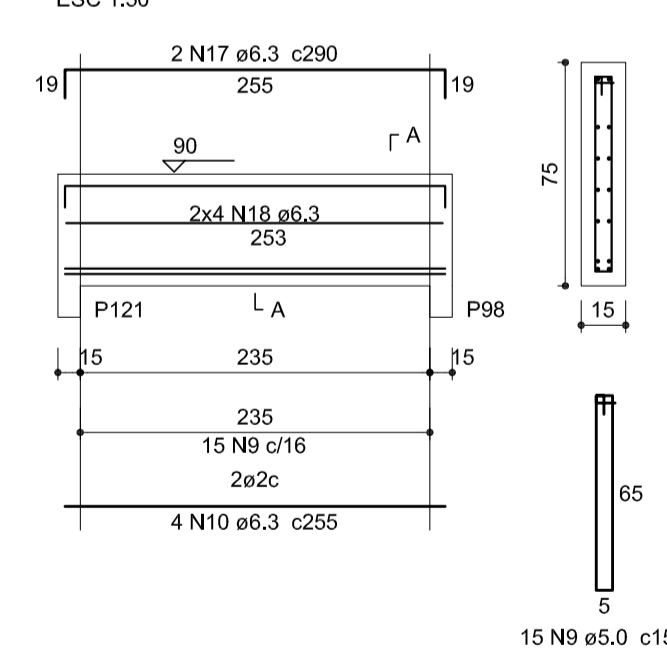
V151 (15 x 30)



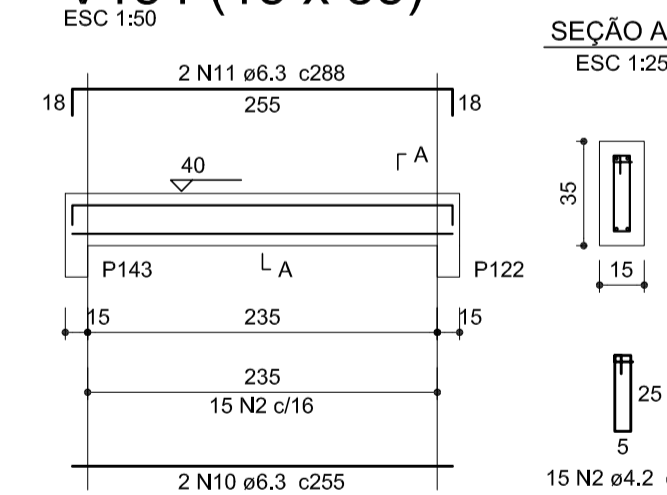
V152 (15 x 55)



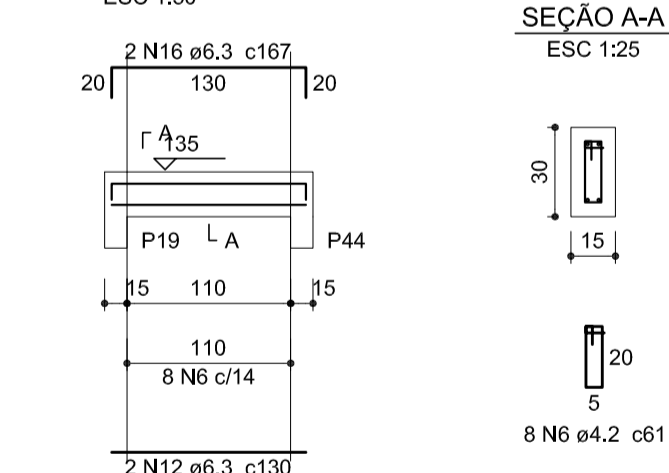
V153 (15 x 75)



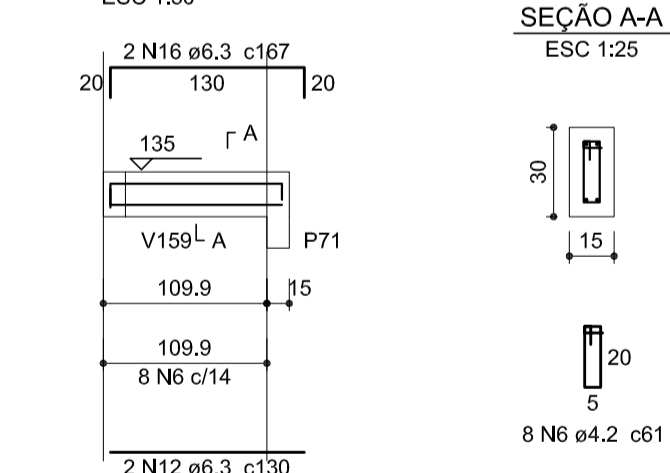
V154 (15 x 35)



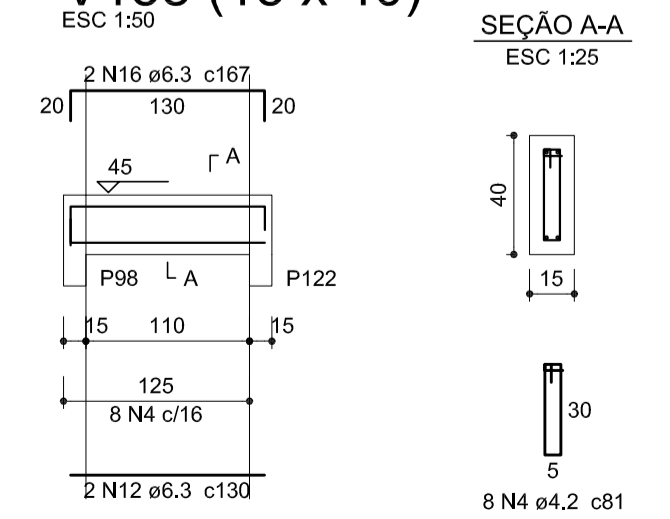
V155 (15 x 30)



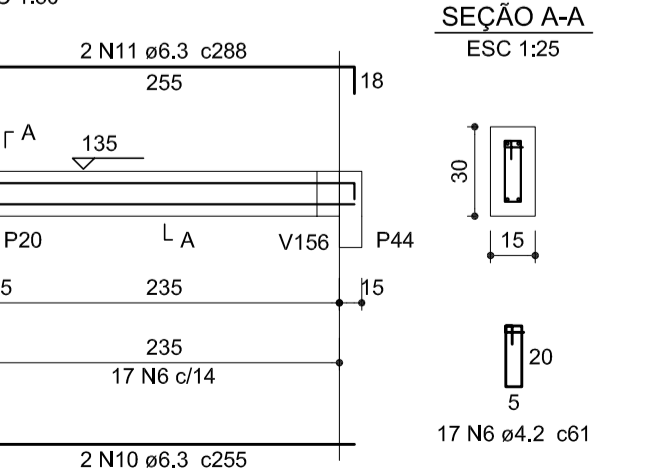
V156 (15 x 30)



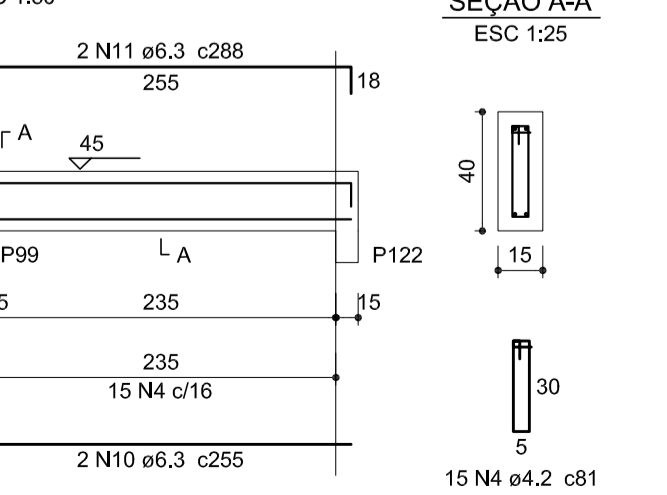
V158 (15 x 40)



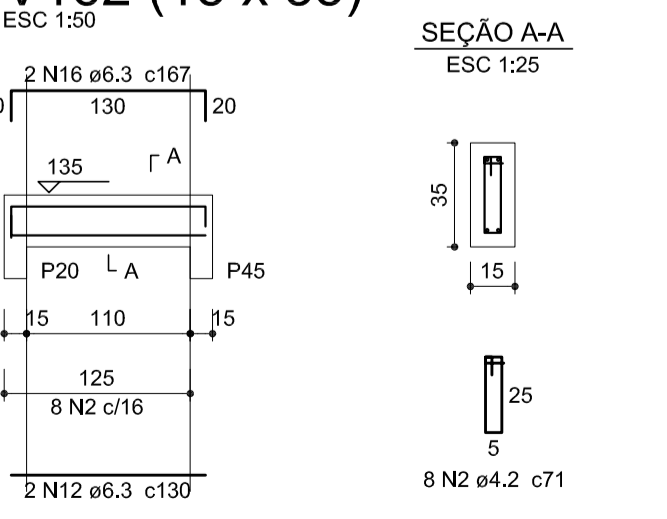
V159 (15 x 30)



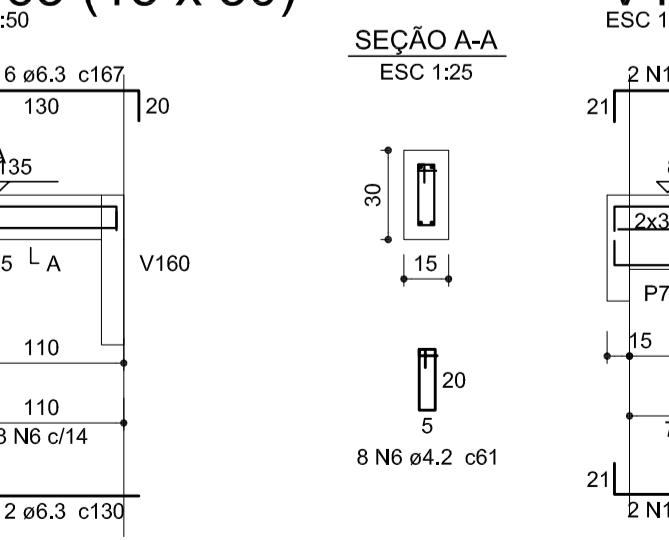
V161 (15 x 40)



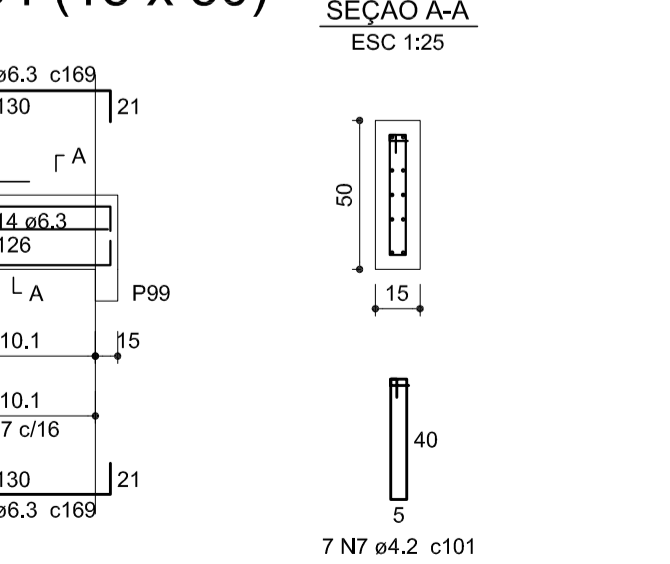
V162 (15 x 35)




V163 (15 x 30)



V164 (15 x 50)



-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS
-OS ELEMENTOS ESTRUTURAIS PODERÃO SER APOIADOS DIRETAMENTE NO SOLO/CALÇADA/ASFALTO



SECRETARIA DE INFRAESTRUTURA URBANA
UNIDADE DE BANCO DE PROJETOS

Projeto: **PROJETO DE ESTRUTURA**
Quadra da dança - Arquiabancada avenida

Conteúdo: **VIGAS - 5/7**

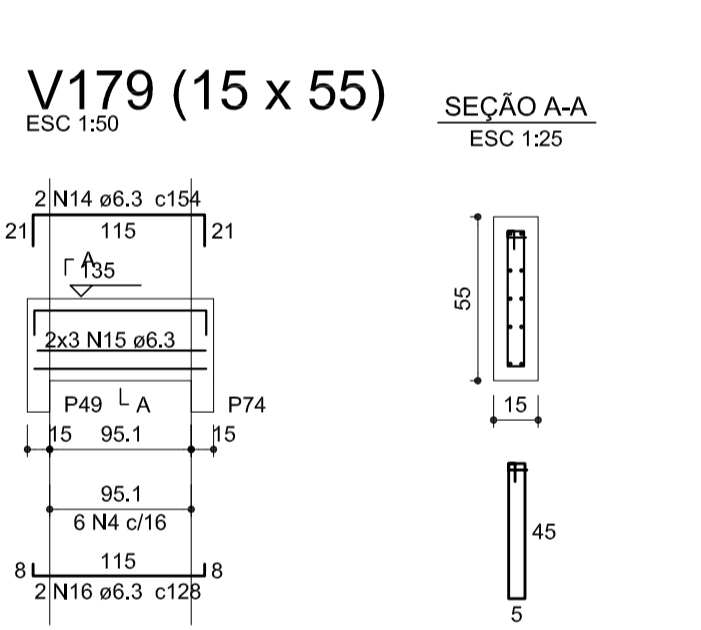
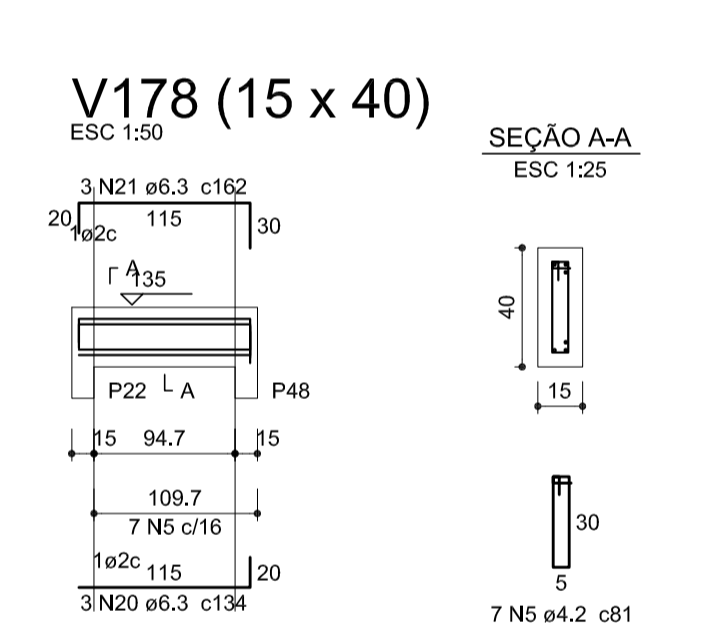
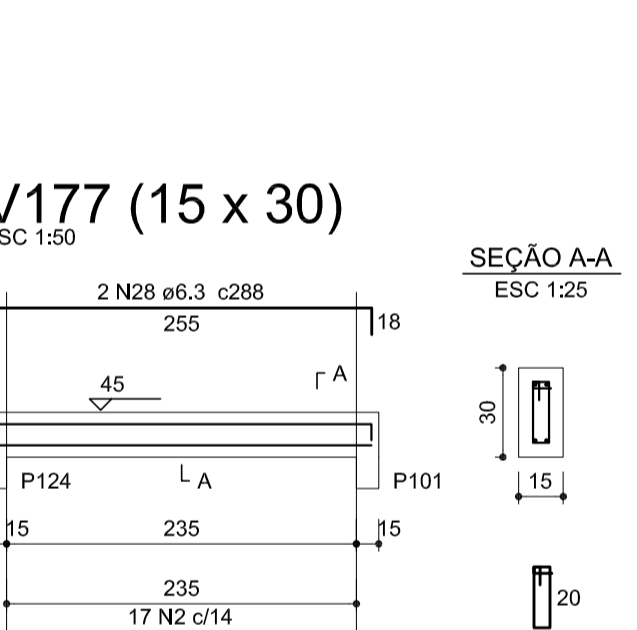
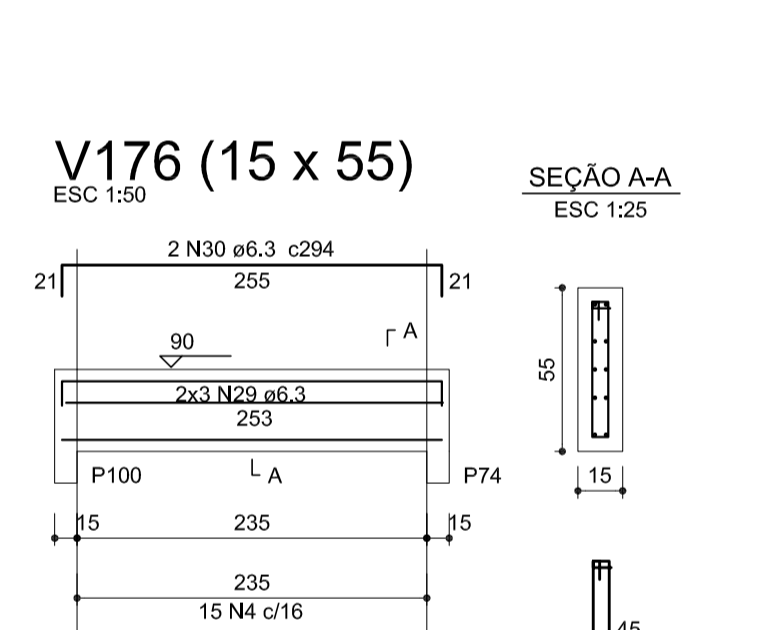
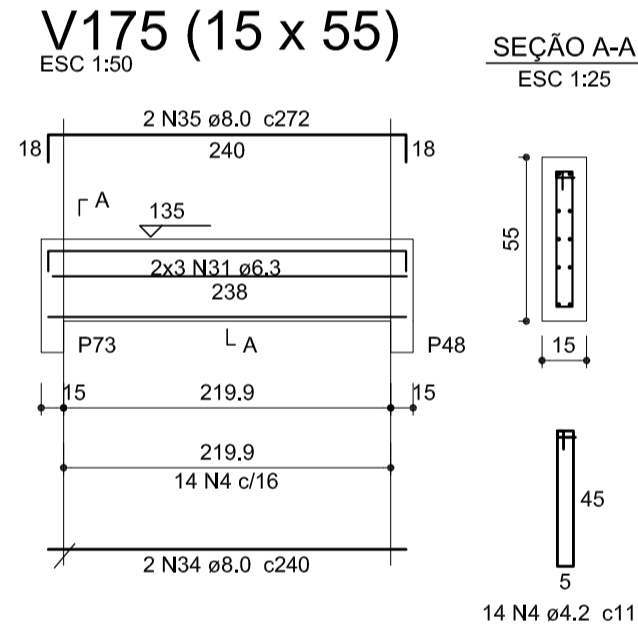
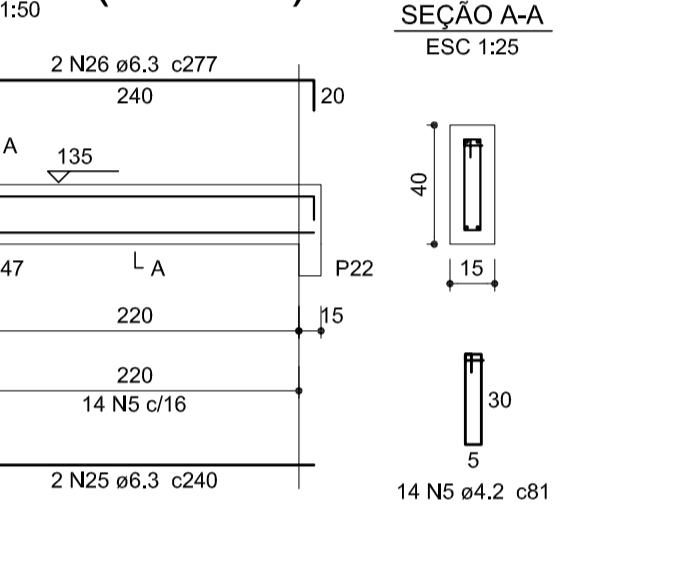
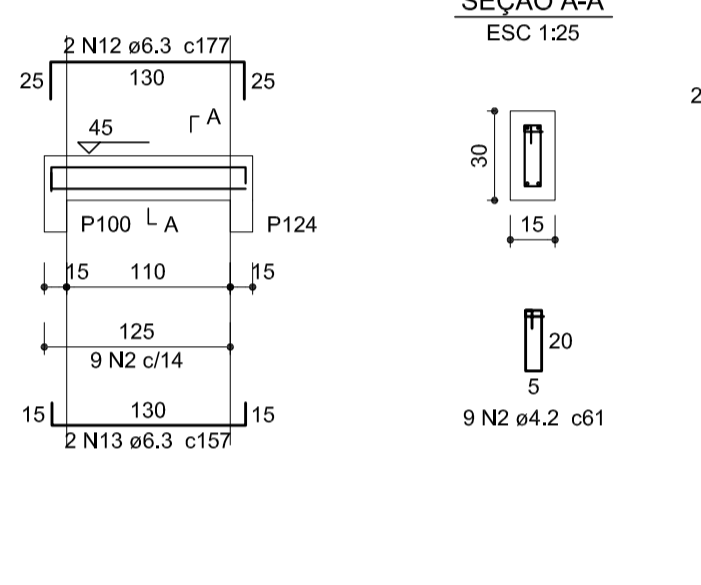
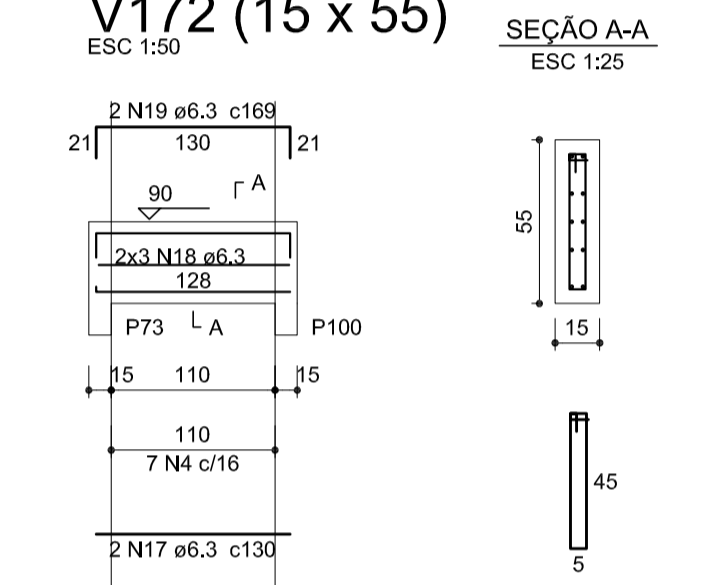
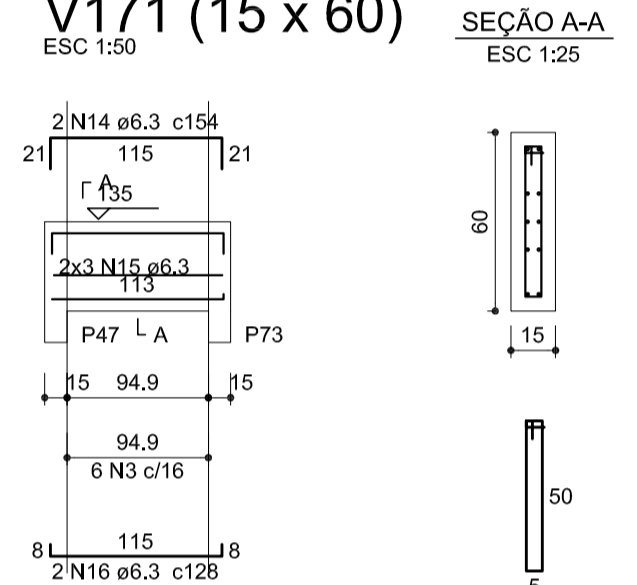
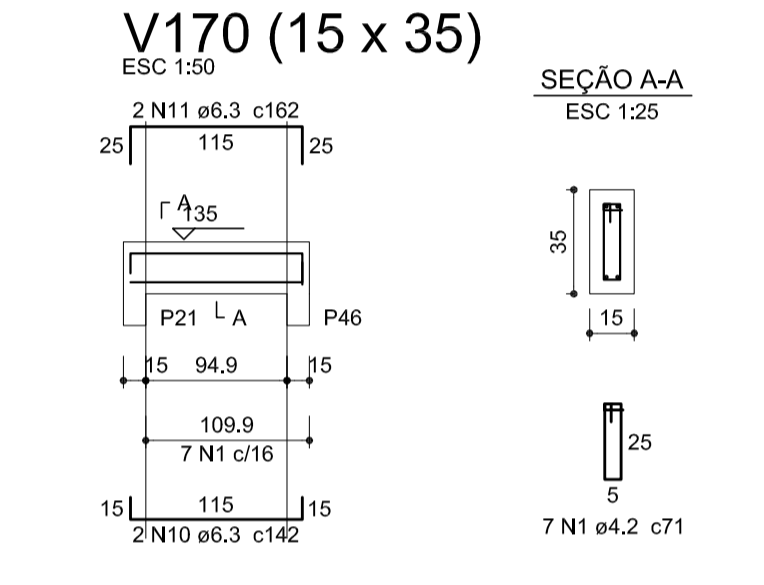
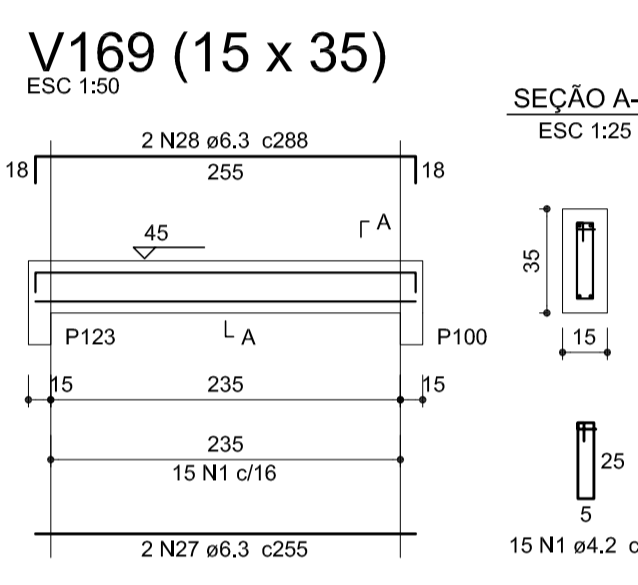
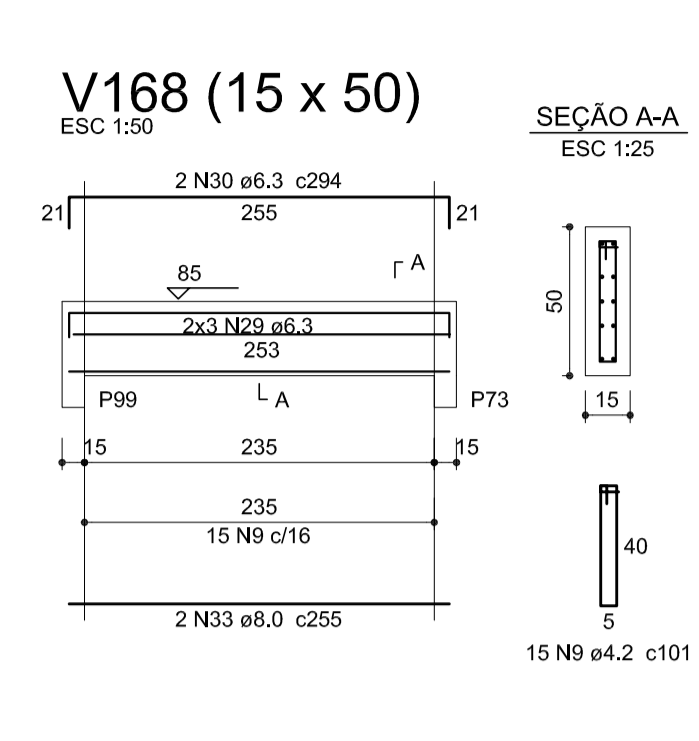
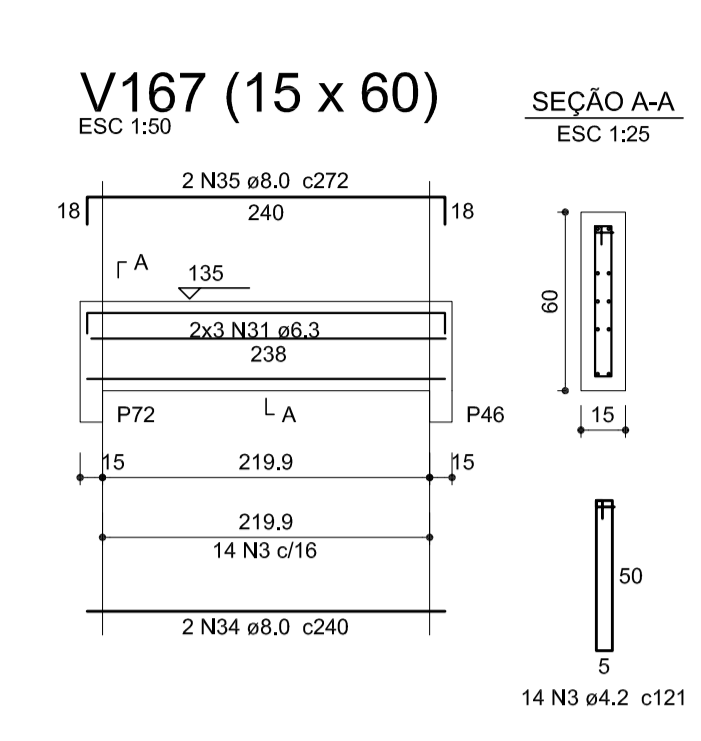
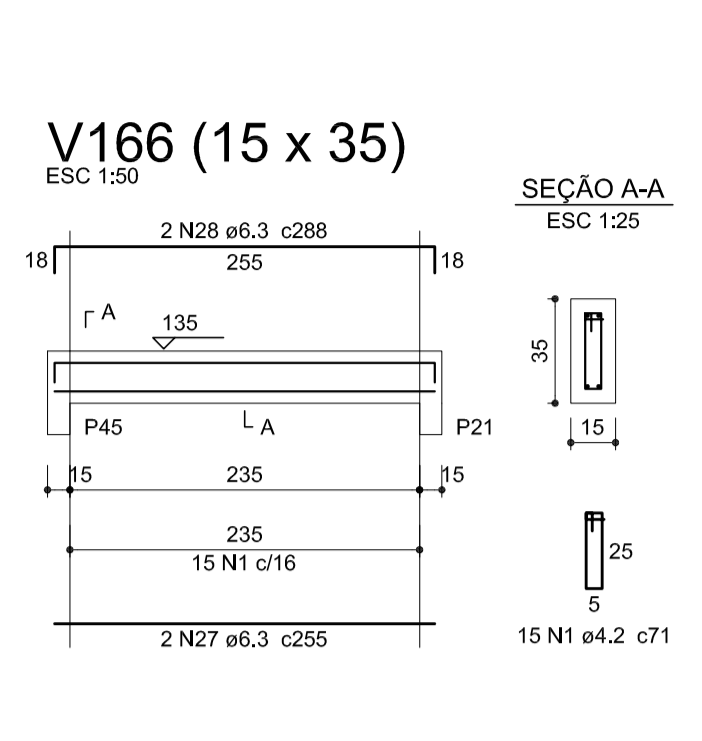
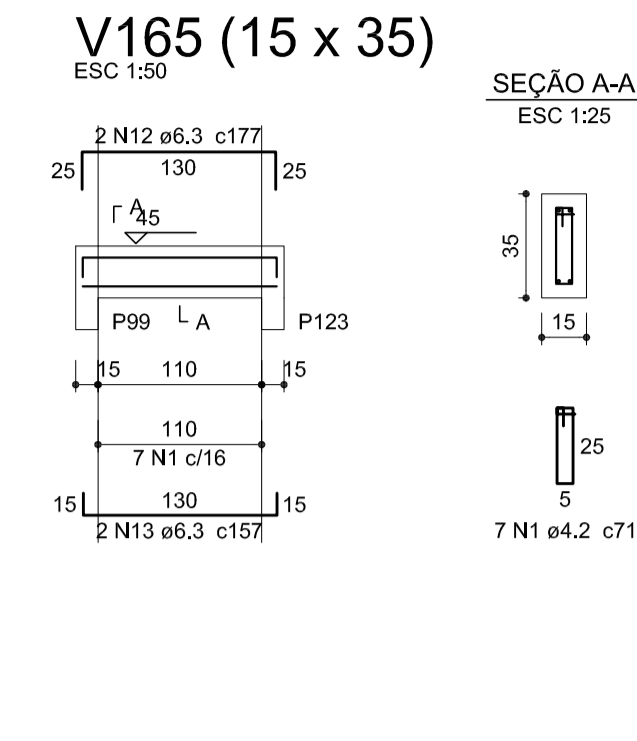
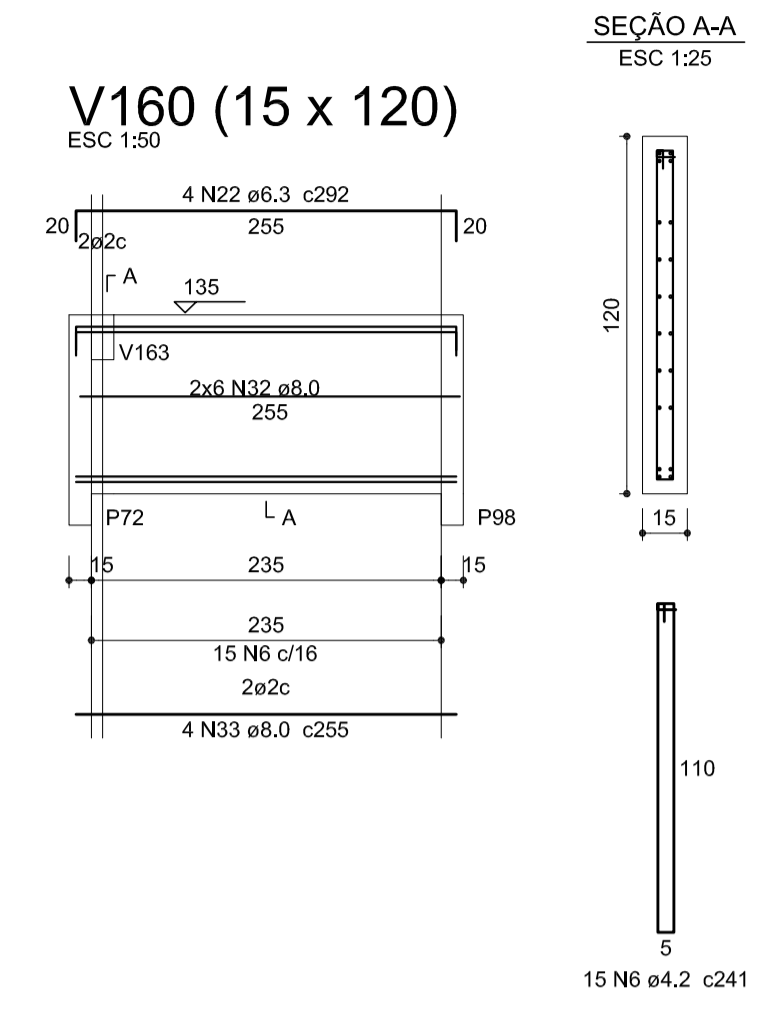
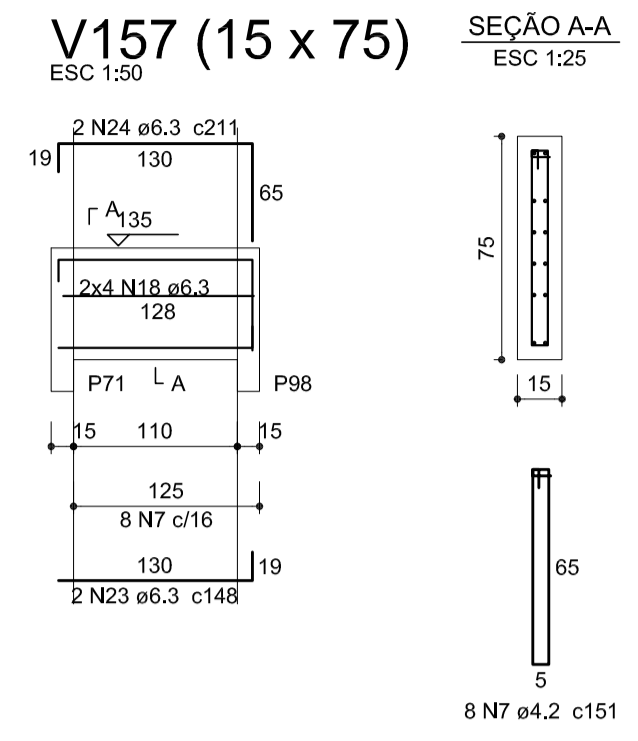
Autores: ALEXANDRE SMORE SILVA CREA: 42.098-7
Ass.:
Co-Autor: Ass.:

Código: **Quadra dança - avenida.dwg**

Data: **11/2022** Número Praticas: **14/17**

Nota: Para o Código do Projeto Defina-se:
1 grupo - Execução do Projeto;
2 grupo - Secretaria, Fundação entre outros;
3 grupo - Tipo de Projeto;
4 grupo - Nome do Projeto (5 letras);
5 grupo - Número do Projeto;
6 grupo - Revisão / Ano.

Escola: Indicada Desenhistas CAD: Alexandre



ÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA80	1	4.2	44	71	3124
	2	4.2	26	61	1586
	3	4.2	20	121	2420
	4	4.2	42	111	4662
	5	4.2	21	81	1701
	6	4.2	15	241	3615
	7	4.2	8	151	1208
CA50	9	4.2	15	101	1515
	10	6.3	2	142	284
	11	6.3	2	162	324
	12	6.3	4	177	708
	13	6.3	4	157	628
	14	6.3	4	154	616
	15	6.3	12	113	1356
	16	6.3	4	128	512
	17	6.3	2	130	260
	18	6.3	14	128	1792
	19	6.3	2	169	338
	20	6.3	3	134	402
	21	6.3	3	162	486
	22	6.3	4	292	1168
	23	6.3	2	148	296
	24	6.3	2	211	422
	25	6.3	2	240	480
	26	6.3	2	277	554
	27	6.3	6	255	1530
	28	6.3	6	288	1728
	29	6.3	12	253	3036
	30	6.3	4	294	1176
	31	6.3	12	238	2856
	32	8.0	12	255	3060
	33	8.0	8	255	2040
	34	8.0	4	240	960
	35	8.0	4	272	1088


Resumo do aço

ÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	219.9	59.2
CA80	4.2	211.1	31
PESO TOTAL (kg)			
CA50		90.2	
CA80		25.2	

Volume de concreto (C-30) = 3.03 m³
Área de forma = 42.95 m²

-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS

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SECRETARIA DE INFRAESTRUTURA URBANA
UNIDADE DE BANCO DE PROJETOS

Projeto: **PROJETO DE ESTRUTURA**
Quadra da dança - Arquiabancada avenida

Conteúdo: **VIGAS - 6/7**

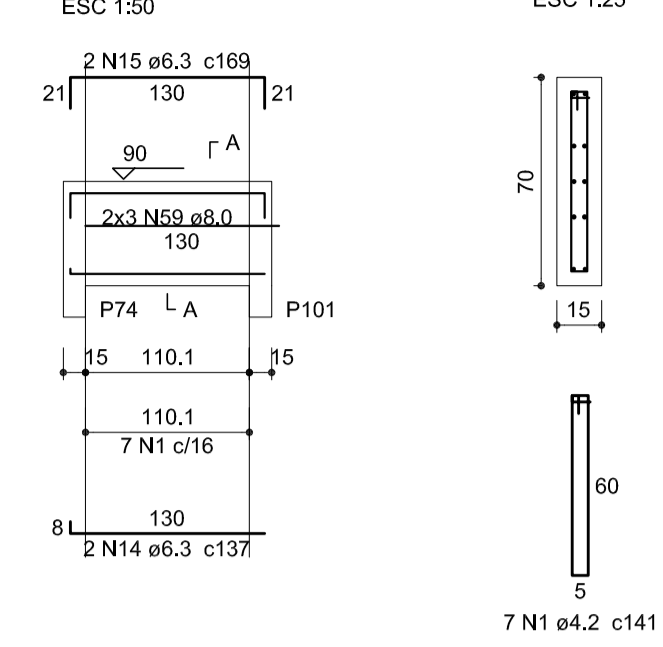
Autores: **ALEXANDRE SMORE SILVA** CREA: 42.098-7
Ass.:
Co-Autor: Ass.:

Código: **Quadra dança - avenida.dwg**
Data: **11/2022** Número Prancha: **15/17**

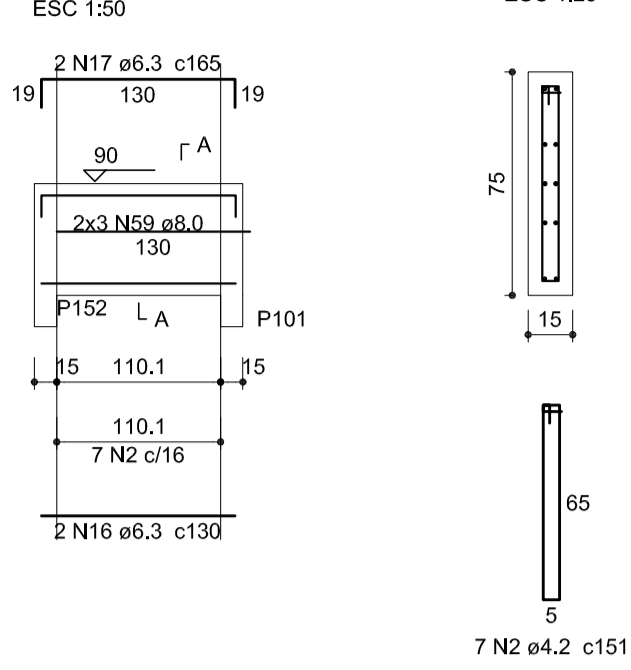
Requerente: **Sepur**
Escola: **Indicada** Desenhistas CAD: **Alexandre**

Nota: Para o Código do Projeto Defina-se:
1 grupo - Execução do Projeto;
2 grupo - Secretaria, Fundação entre outros;
3 grupo - Tipo de Projeto;
4 grupo - Nome do Projeto (5 letras)
5 grupo - Número do Projeto;
6 grupo - Revisão / Ano.

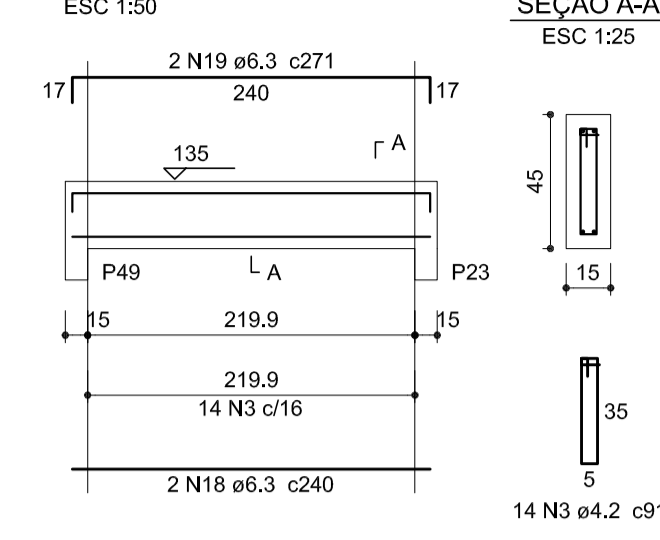
V180 (15 x 70)



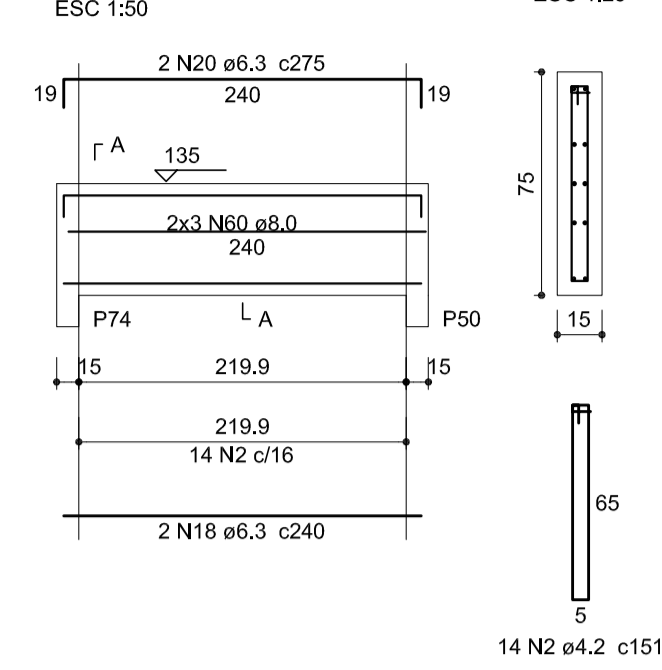
V181 (15 x 75)



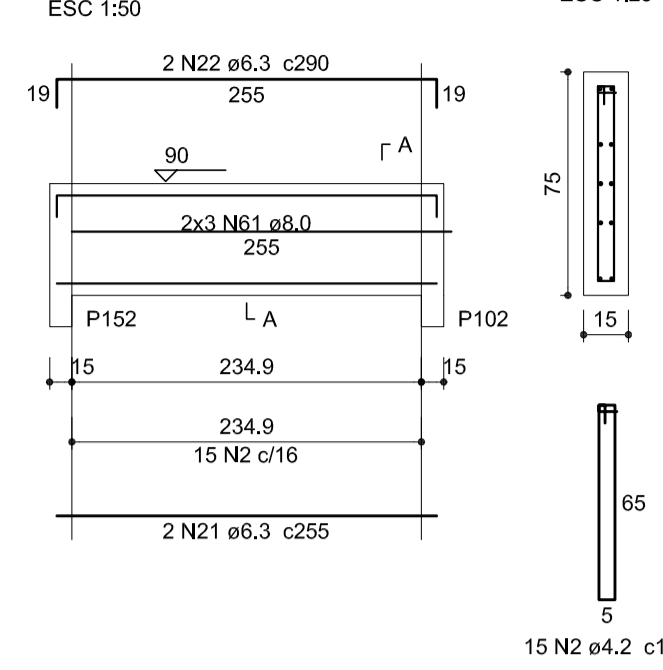
V182 (15 x 45)



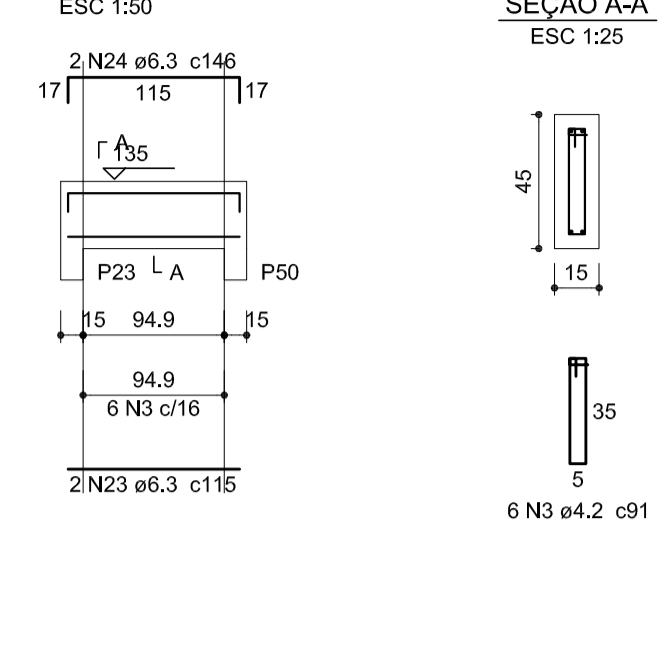
V183 (15 x 75)



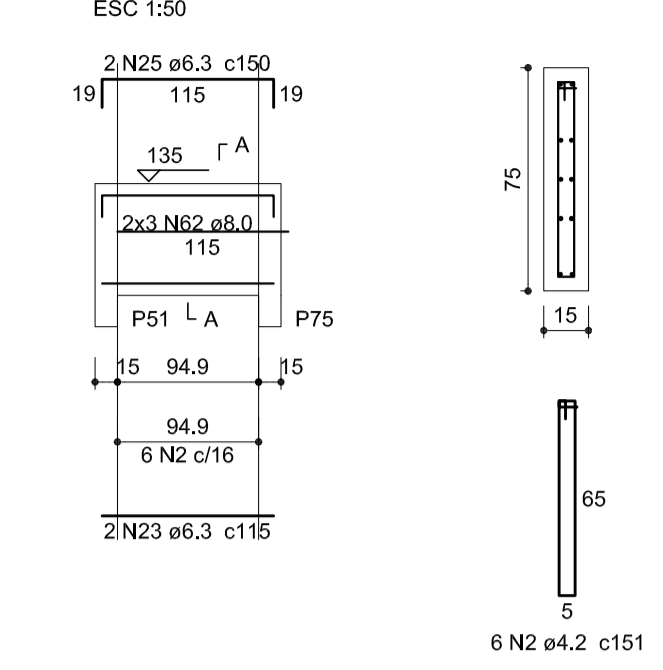
V184 (15 x 75)



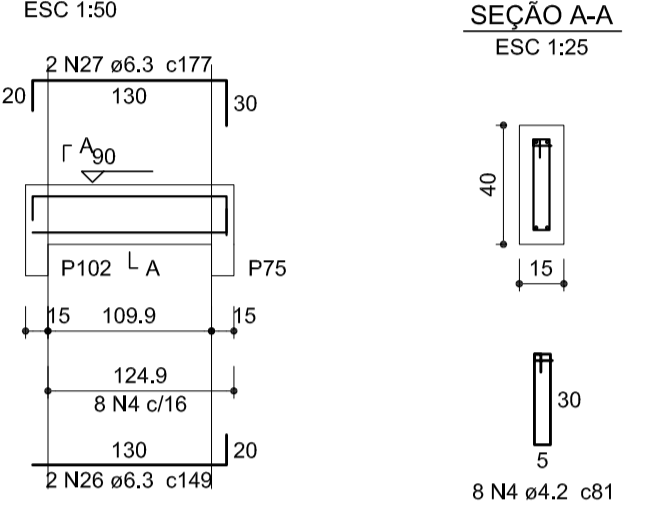
V185 (15 x 45)



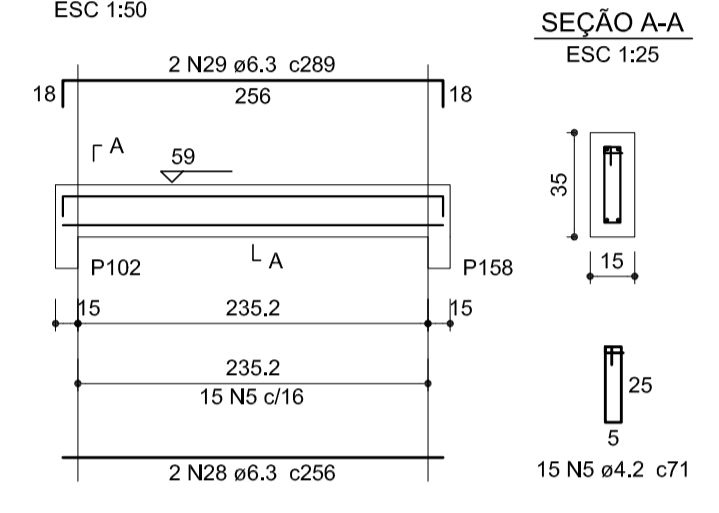
V186 (15 x 75)



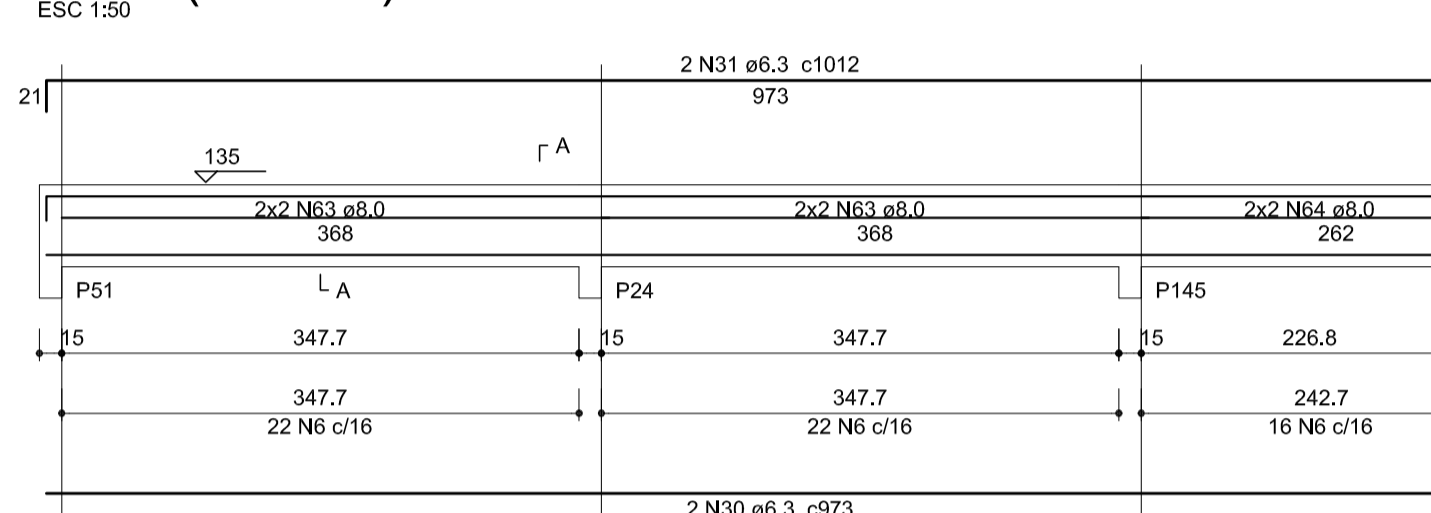
V187 (15 x 40)



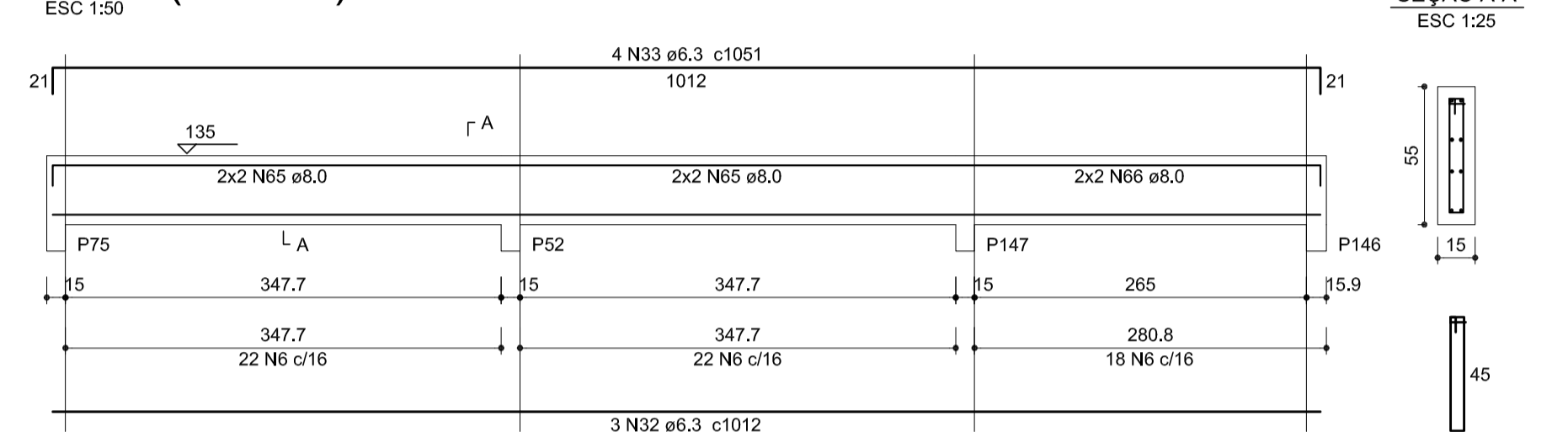
V188 (15 x 35)



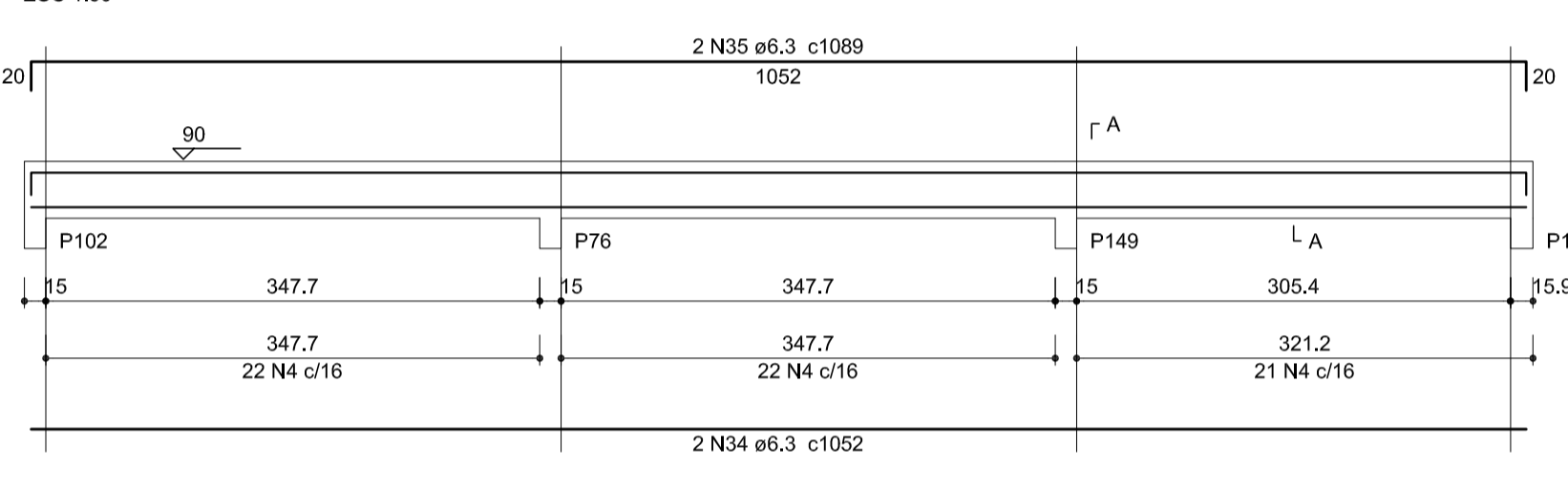
V189 (15 x 55)



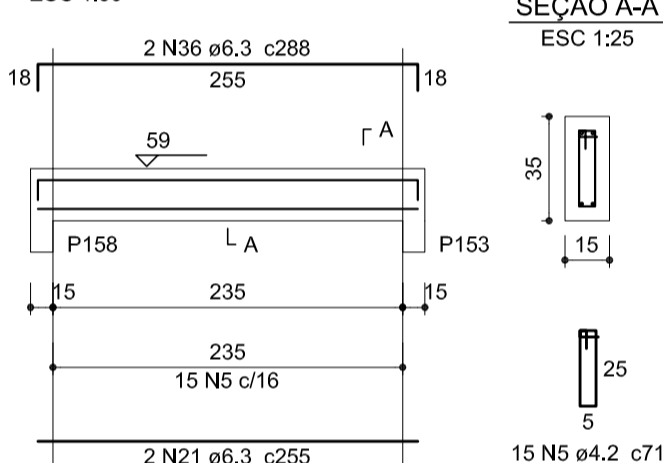
V190 (15 x 55)



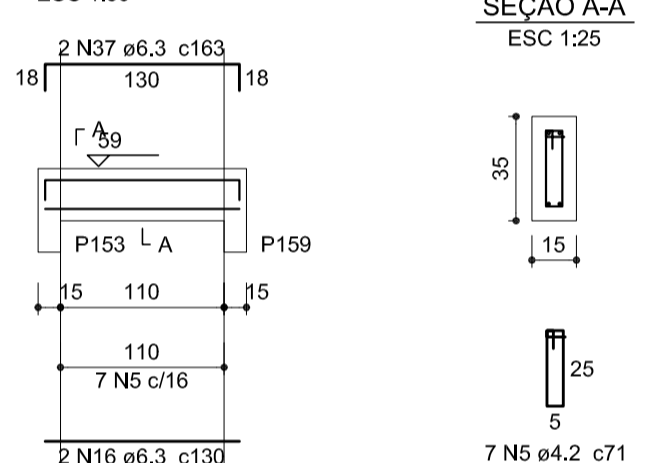
V191 (15 x 40)



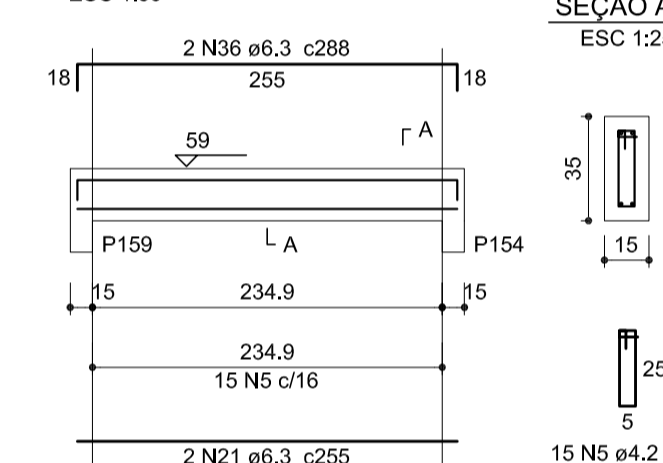
V198 (15 x 35)



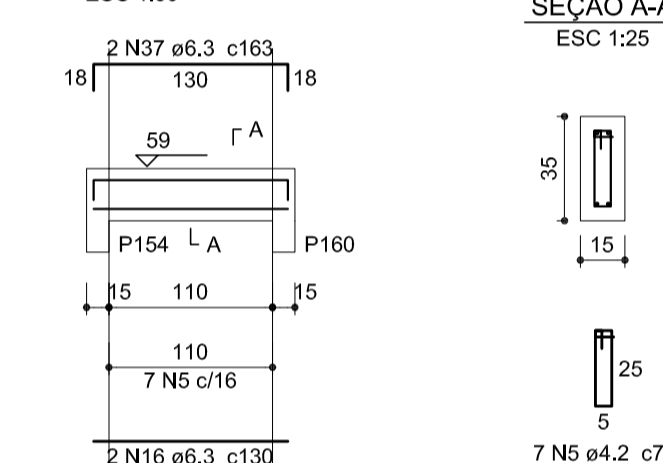
V199 (15 x 35)



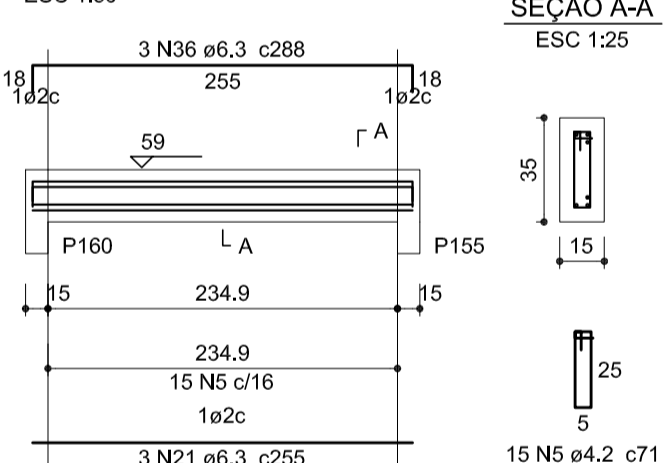
V200 (15 x 35)



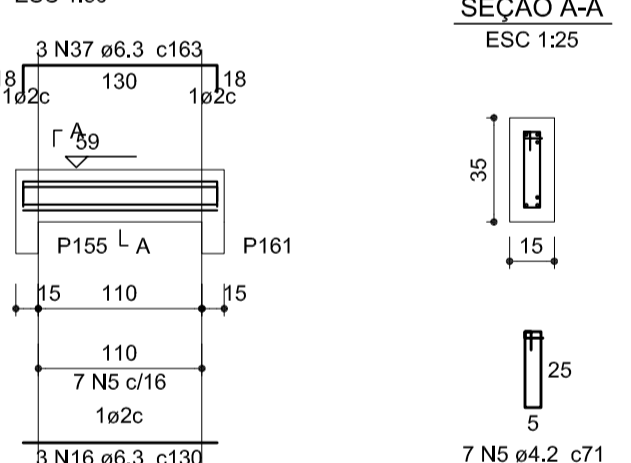
V201 (15 x 35)



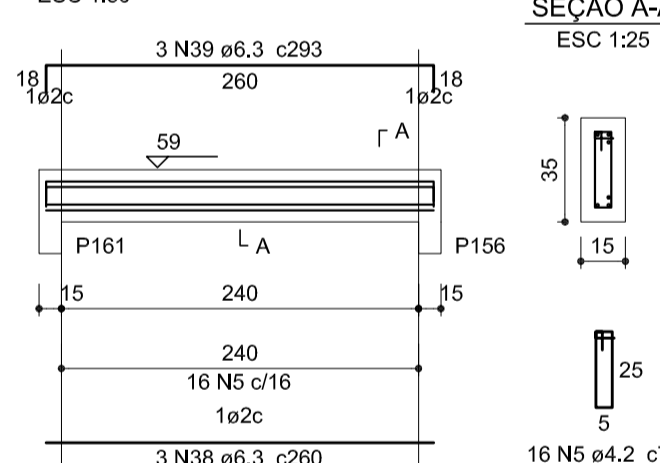
V202 (15 x 35)



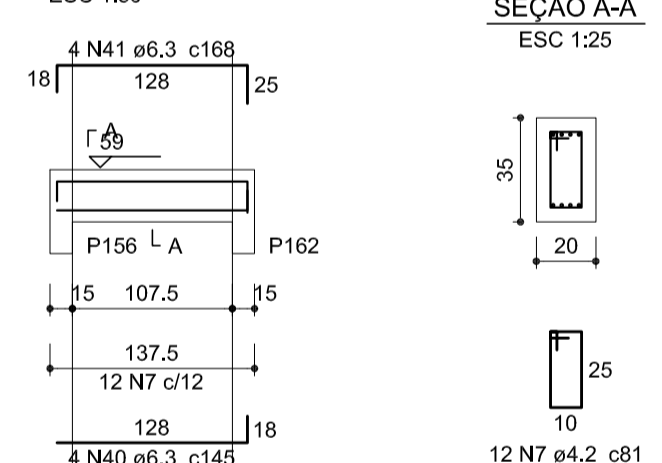
V203 (15 x 35)



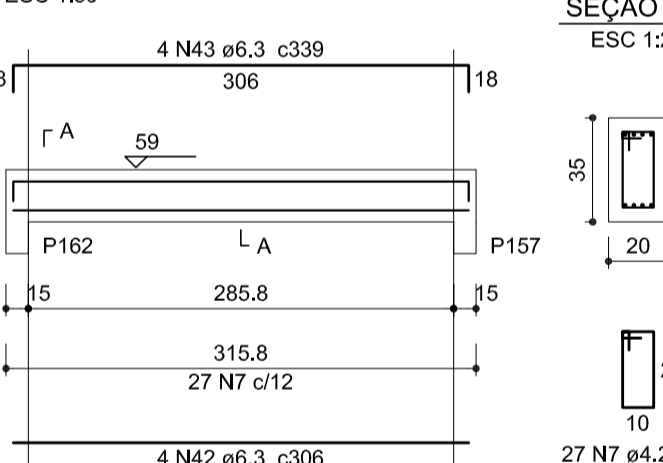
V204 (15 x 35)



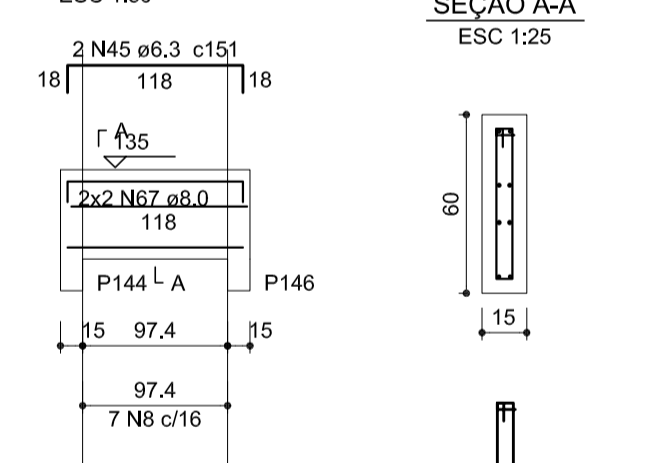
V205 (20 x 35)



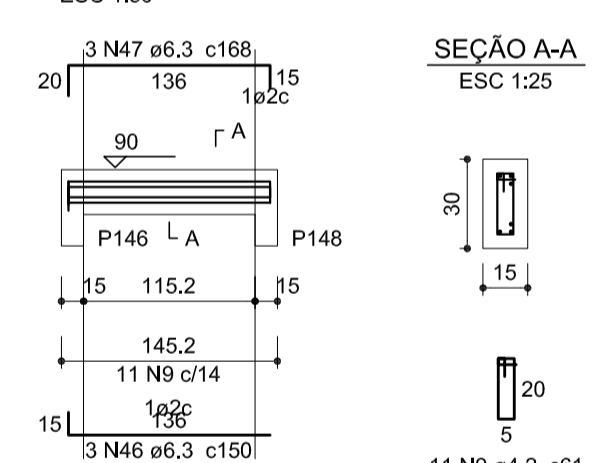
V206 (20 x 35)



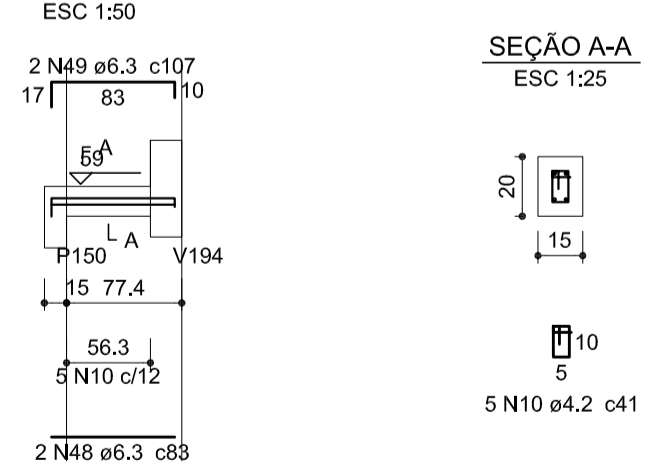
V192 (15 x 60)



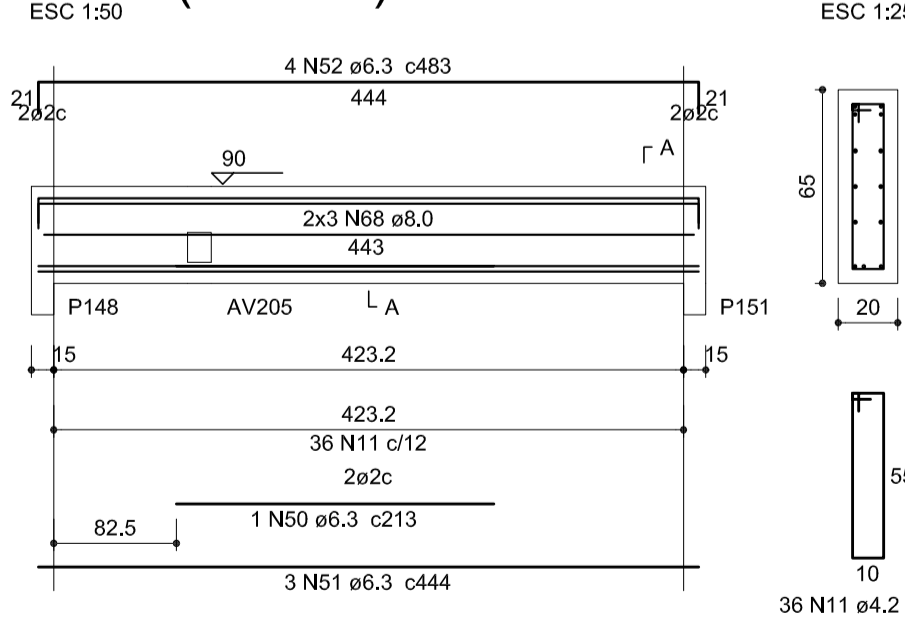
V193 (15 x 30)



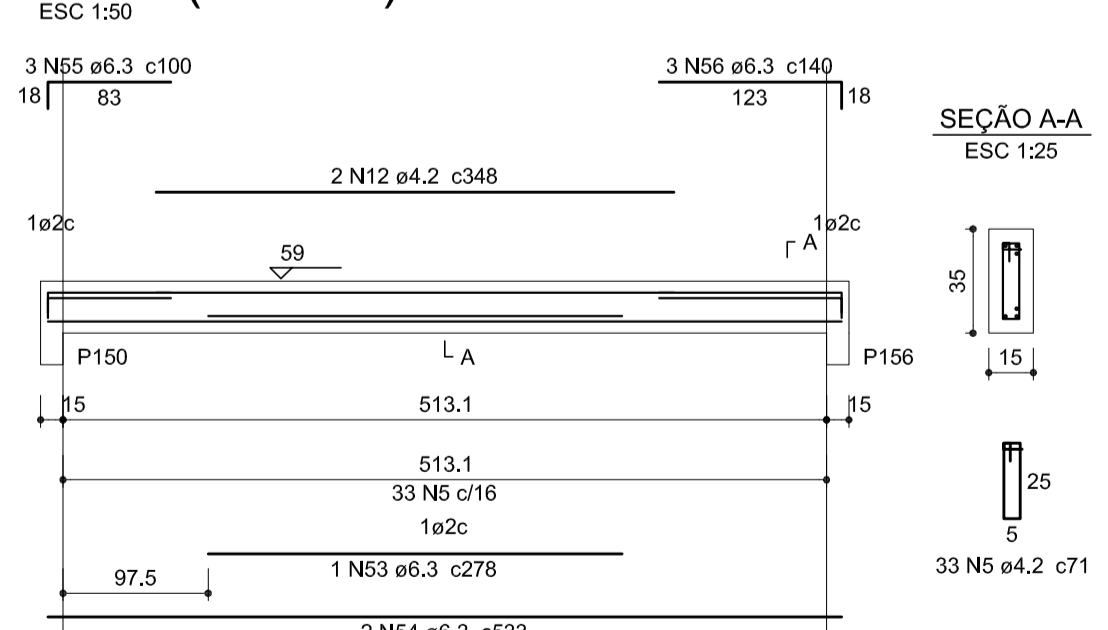
V196 (15 x 20)



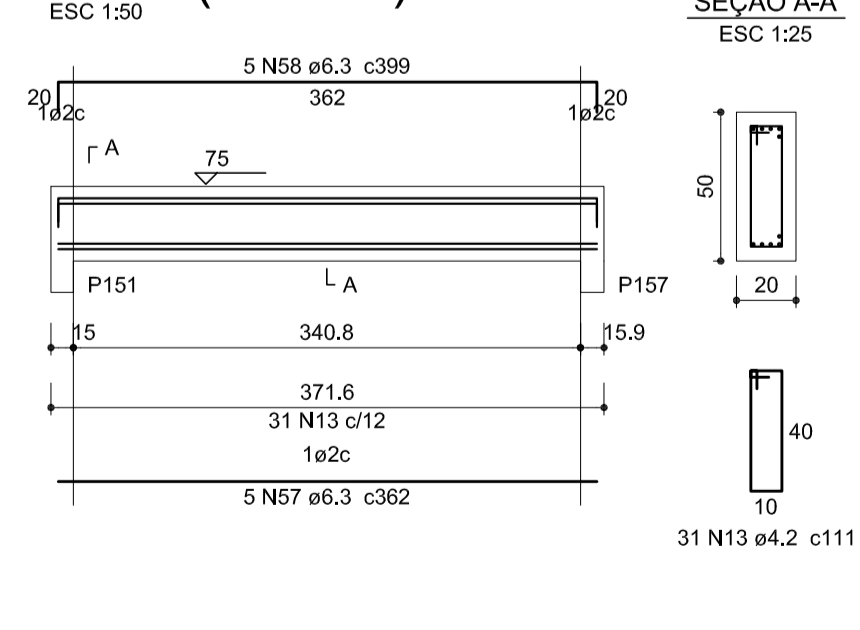
V194 (20 x 65)



V197 (15 x 35)



V195 (20 x 50)



Relação do aço table with columns: AÇO, N, DIAM (mm), QUANT (Barras), UNIT (cm), C.TOTAL (cm). Lists items CA60 and CA50 with their respective quantities and total lengths.

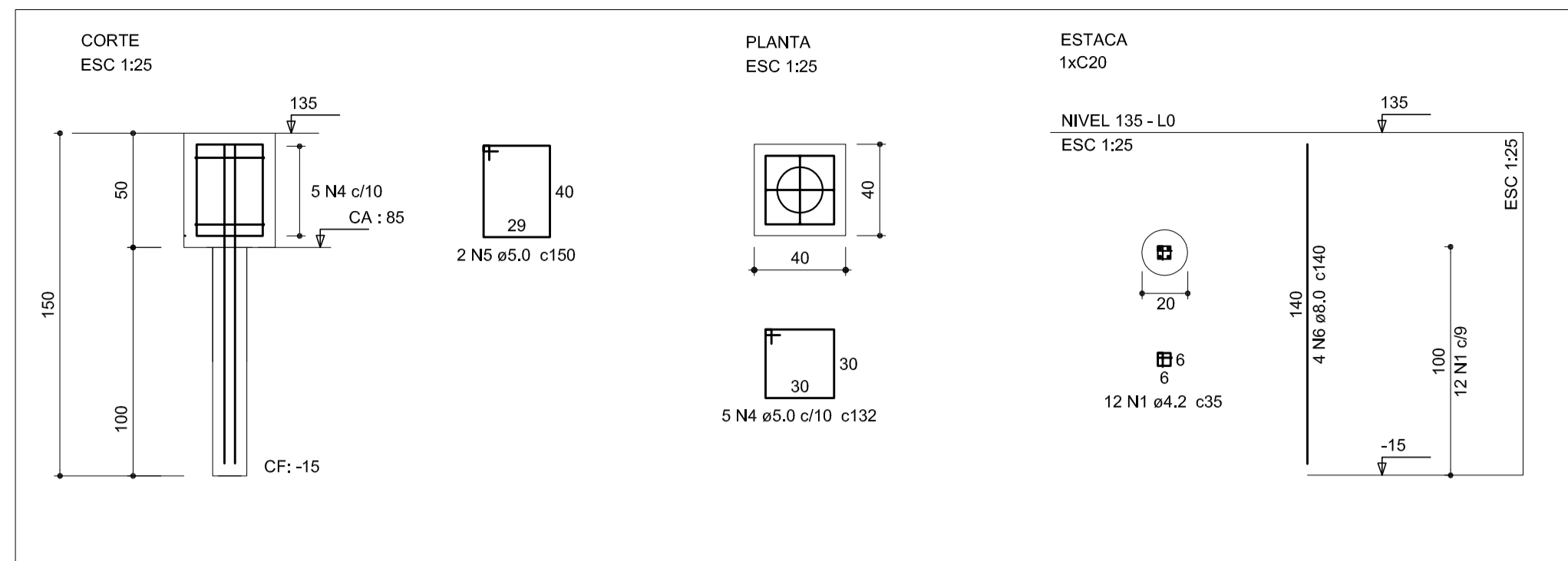
Resumo do aço table with columns: AÇO, DIAM (mm), C.TOTAL (m), PESO + 10% (kg). Summarizes the steel quantities for CA50 and CA60.

Volume de concreto (C-30) = 6.34 m³
Área de forma = 83.59 m²

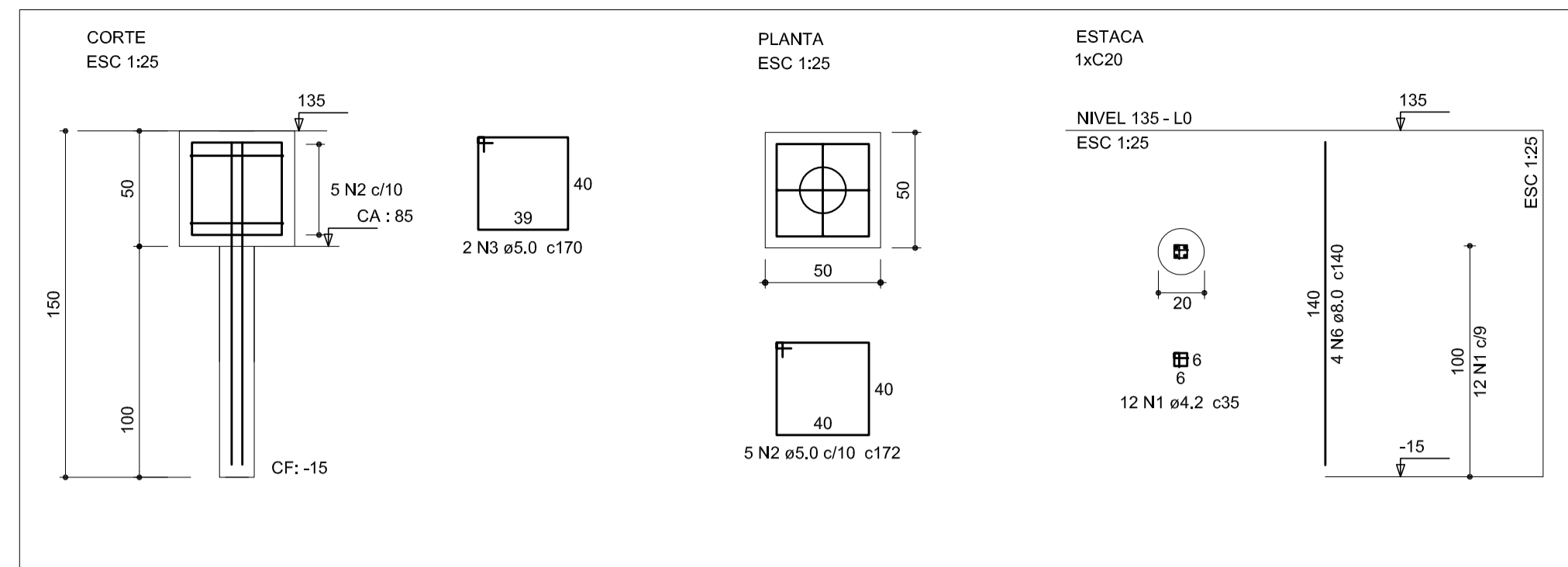
-OS ESPAÇAMENTOS DETERMINADOS NESTE PROJETO DEVERÃO SER FEITOS COM ESPAÇADORES INDUSTRIALIZADOS
-OS ELEMENTOS ESTRUTURAIS PODERÃO SER APOIADOS DIRETAMENTE NO SOLO/ALÇADA/ASFALTO

SECRETARIA DE INFRAESTRUTURA URBANA
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PROJETO DE ESTRUTURA
Quadra da dança - Arquibancada avenida
VIGAS - 6/7
Quadra dança - avenida.dwg
11/2022
16/17

B.M.1 a B.M.22
=B.M.24 a B.M.32



B.M.23



Relação do aço

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	4.2	384	35	13440
	2	5.0	5	172	860
	3	5.0	2	170	340
	4	5.0	155	132	20460
	5	5.0	62	150	9300
CA50	6	8.0	128	140	17920

Resumo do aço

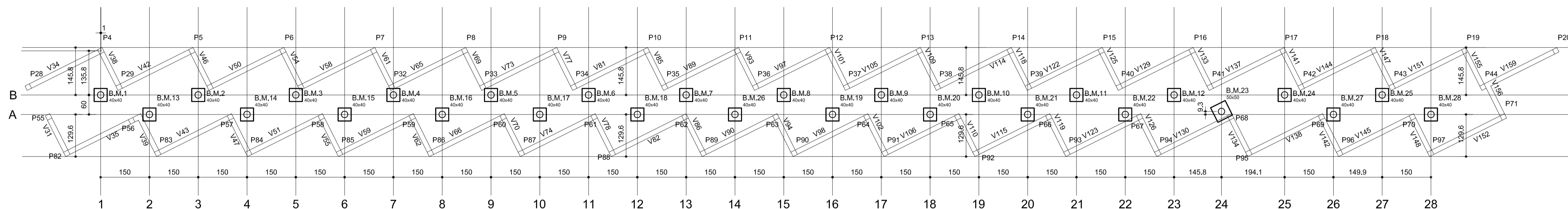
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	179,2	77,8
CA60	4.2	134,4	16,1
	5.0	309,6	52,5

PESO TOTAL (kg)

CA50	77,8
CA60	68,6

Volume de concreto (C-30) = 3,61 m³
Área de forma = 33,12 m²

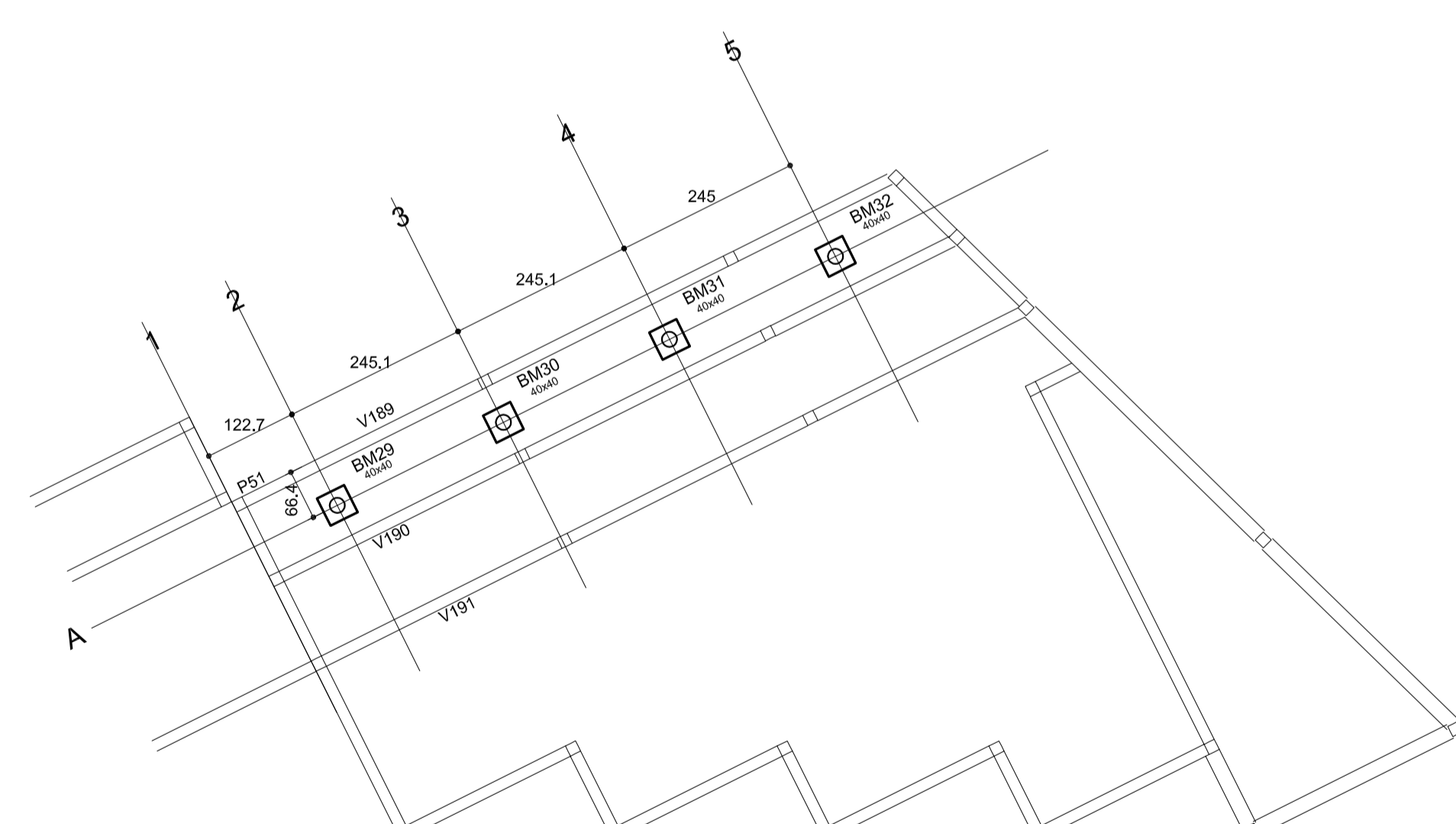
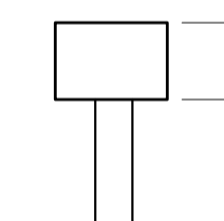
CF= Cota/Nível de fundo do bloco



Planta de localização
Blocos dos mastros- parte 1
escala 1:75

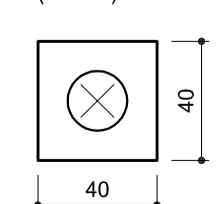
Nome	Fundação			ne	Estaca
	Lado B (cm)	Lado H (cm)	h1 / hb (cm)		
B.M.1	40	40	50	1	C20
B.M.2	40	40	50	1	C20
B.M.3	40	40	50	1	C20
B.M.4	40	40	50	1	C20
B.M.5	40	40	50	1	C20
B.M.6	40	40	50	1	C20
B.M.7	40	40	50	1	C20
B.M.8	40	40	50	1	C20
B.M.9	40	40	50	1	C20
B.M.10	40	40	50	1	C20
B.M.11	40	40	50	1	C20
B.M.12	40	40	50	1	C20
B.M.13	40	40	50	1	C20
B.M.14	40	40	50	1	C20
B.M.15	40	40	50	1	C20
B.M.16	40	40	50	1	C20
B.M.17	40	40	50	1	C20
B.M.18	40	40	50	1	C20
B.M.19	40	40	50	1	C20
B.M.20	40	40	50	1	C20
B.M.21	40	40	50	1	C20
B.M.22	40	40	50	1	C20
B.M.23	50	50	50	1	C20
B.M.24	40	40	50	1	C20
B.M.25	40	40	50	1	C20
B.M.26	40	40	50	1	C20
B.M.27	40	40	50	1	C20
B.M.28	40	40	50	1	C20

Estacas	
Nome	Quantidade
C20	28

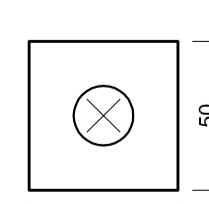


Planta de localização
Blocos dos mastros - parte 2
escala 1:75

BB.M.1 à BB.M.22
BB.M.24 à BB.M.32
(1x20)



BB.M.23 (1x20)



Legenda dos blocos
escala 1:25

SECRETARIA DE INFRAESTRUTURA URBANA
UNIDADE DE BANCO DE PROJETOS

Projeto: PROJETO DE ESTRUTURA
Quadra da dança - Arquibancada avenida

Conteúdo: FUNDAÇÕES DOS MASTROS

Autores: ALEXANDRE SMORE SILVA CREA: 42.399-7
Ass.:
Co-Autor: Ass.:

Código: Quadra dança - avenida.dwg
Data: 11/2022
Número Prancha: 17/17

Requerente: Sepur
Escola: Indicada
Desenhista CAD: Alexandre

Nota: Para o Código do Projeto Defina-se:
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