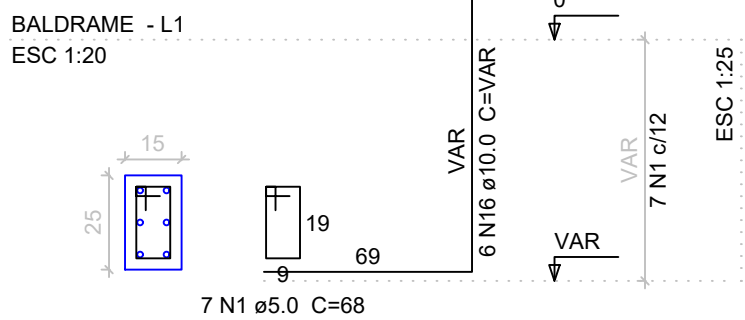
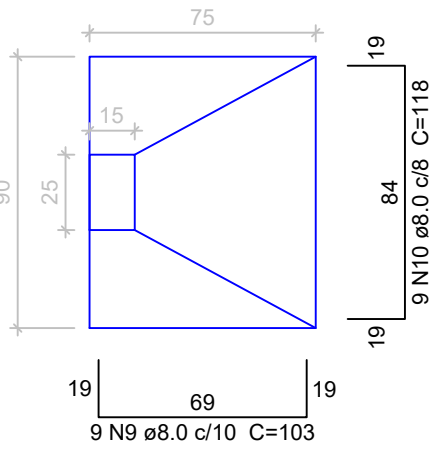


CASSOL		DAGA ENGENHARIA
LOCAL PARA CADASTRO E APROVAÇÃO		
RESPONSÁVEL TÉCNICO:		
MURLO CASSOL DAGA-1533330070	Assinado em nome digital por MURLO CASSOL Certificado Digital Assinatura nº 1533330070-1 Verificar validade da assinatura no site do ICP-Brasil	
MUNICÍPIO CASSOL DAGA CNPJ 06.563.520/74 Insc. Est. CREA/RSC 167742/6		
____ PROJETO:	____ INTERIORE:	
PROJETO ESTRUTURAL		
RUA CERENTAL RUA OLIVEIRA TRECHO ENTRE AS RUAS PIQUETE E DANIELA NO CENTRO DO MUNICIPIO DE IPUAQUEI		
Especificação:		
Tipo e Quantidade	Area Terreno	Area de Construção
99,30%	2000,00 m ²	1986,08 m ²
Invenientes	Data	
1	09/09/2022	
Descrição Franquia:		Franquia:
Lotação e Planta de Forma		EST 01/04
Proprietário:		
PREFEITURA MUNICIPAL DE IPAQUEI CPF 15.993.028/0001-83		Revisto:

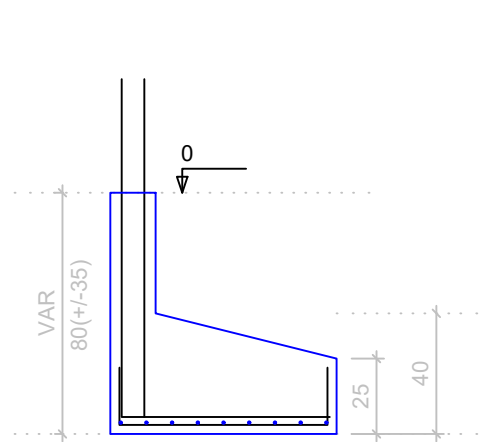
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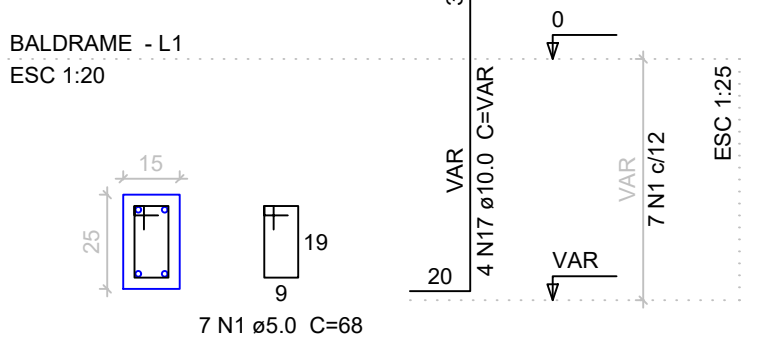
S1
PLANTA
ESC 1:25



CORTE
ESC 1:25

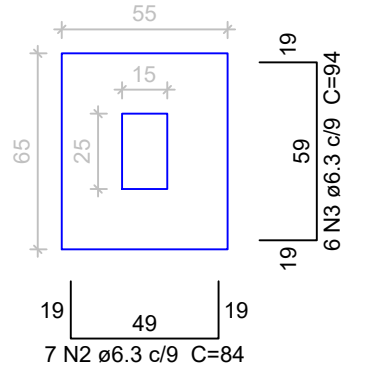


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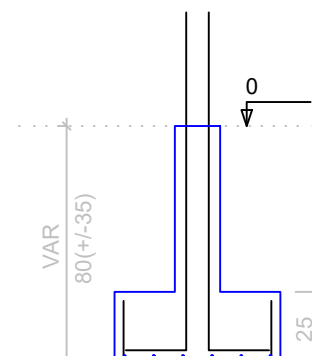


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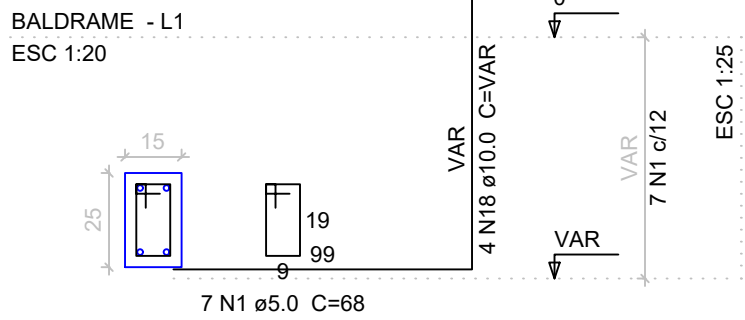
PLANTA
ESC 1:25



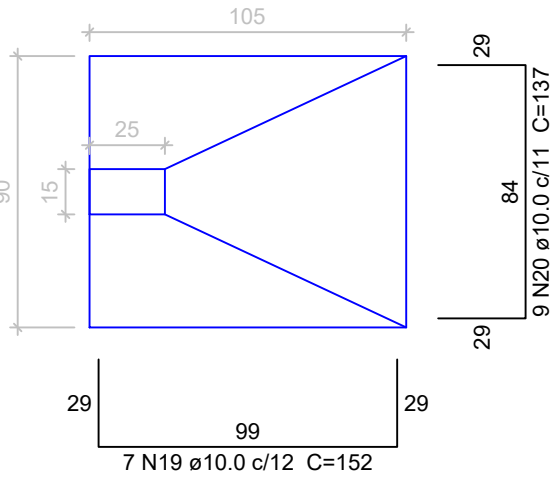
CORTE
ESC 1:25



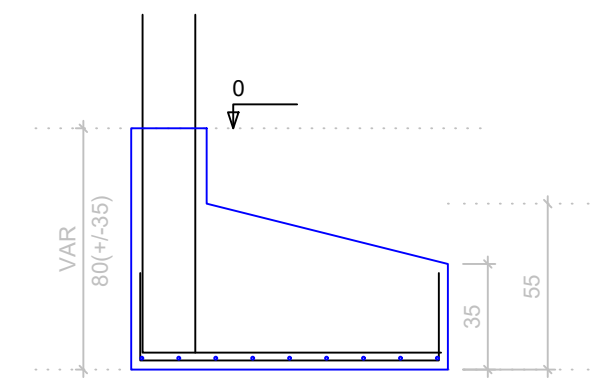
P3



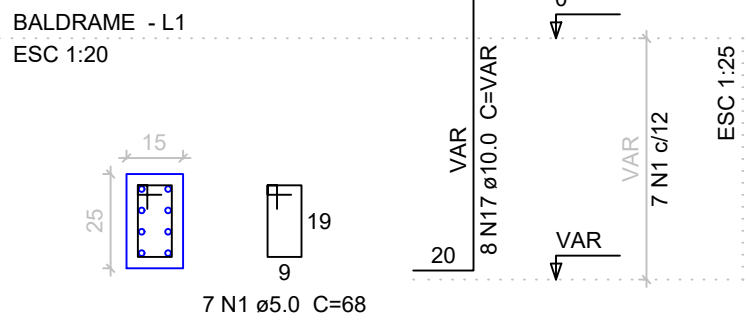
S3
PLANTA
ESC 1:25



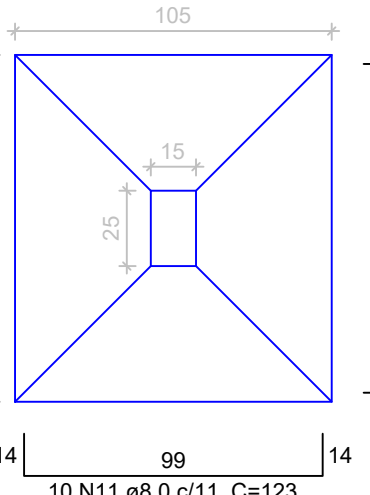
CORTE
ESC 1:25



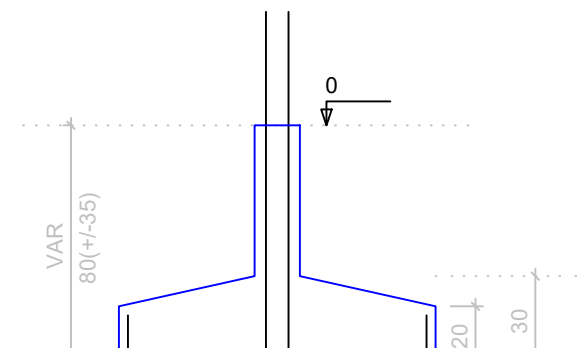
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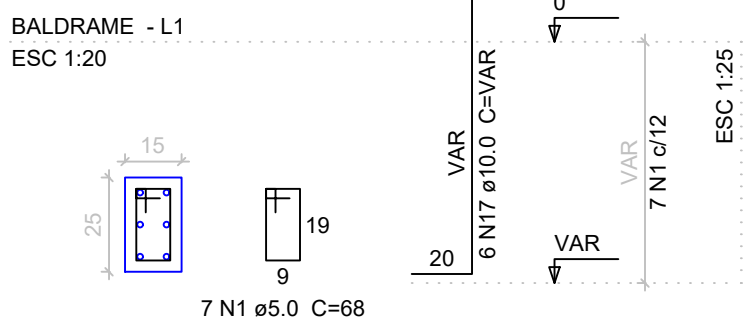
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PLANTA
ESC 1:25



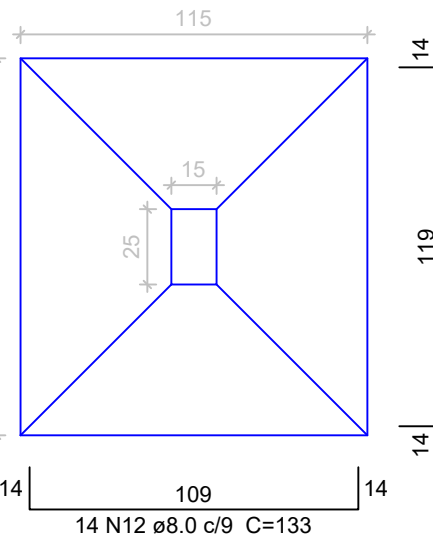
CORTE
ESC 1:25



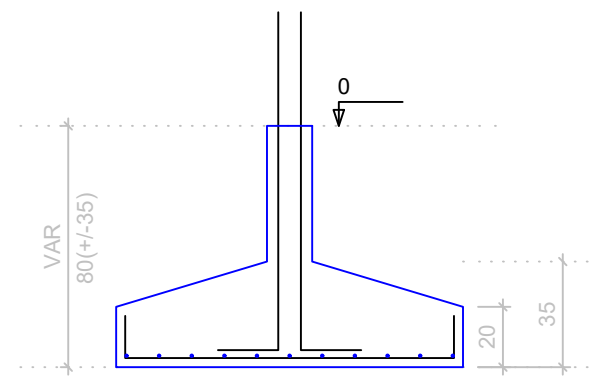
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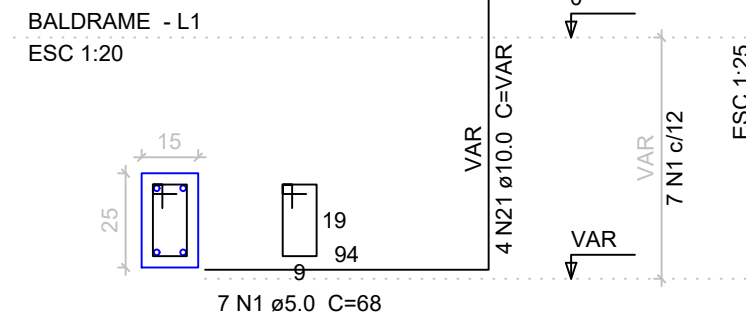
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PLANTA
ESC 1:25



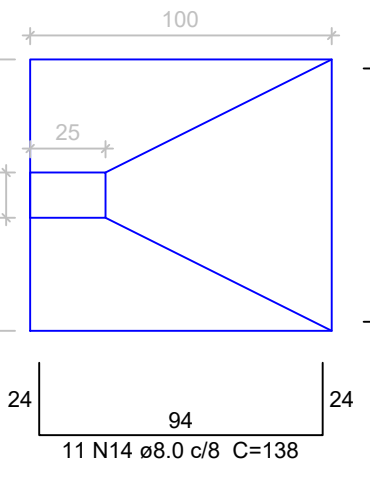
CORTE
ESC 1:25



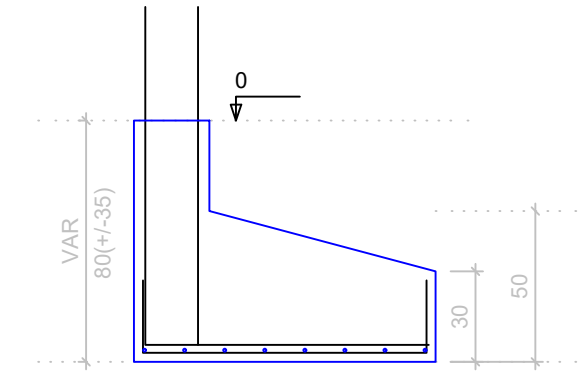
P6



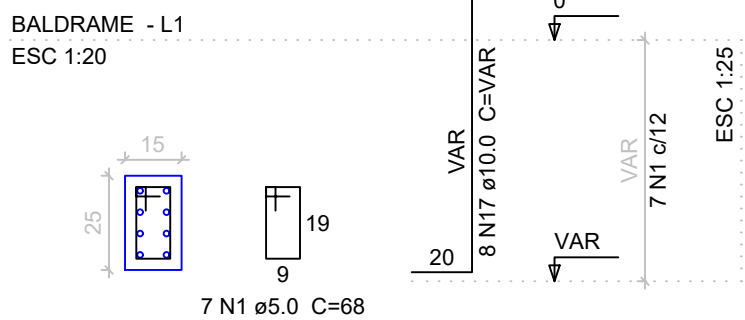
S6
PLANTA
ESC 1:25



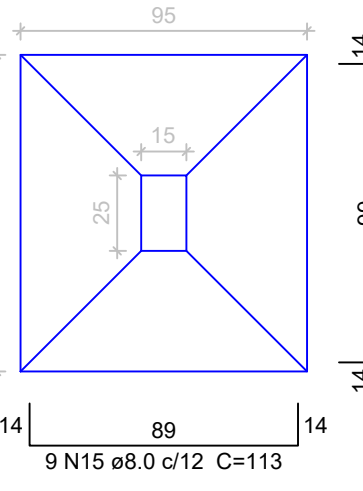
CORTE
ESC 1:25



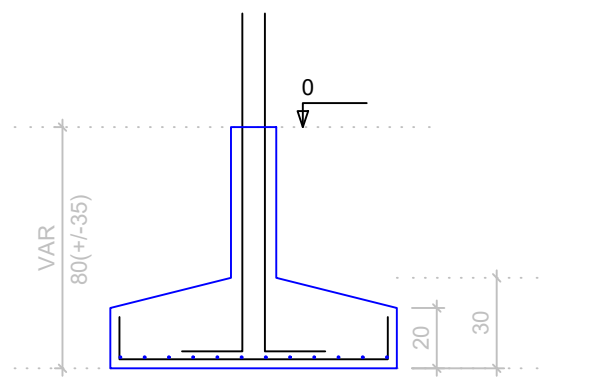
P7



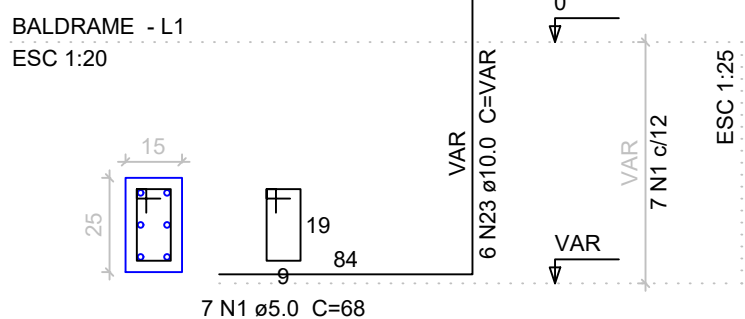
S7
PLANTA
ESC 1:25



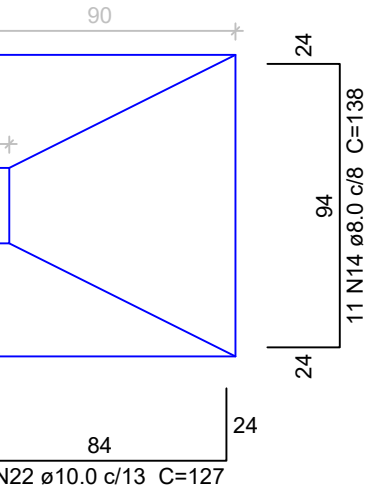
CORTE
ESC 1:25



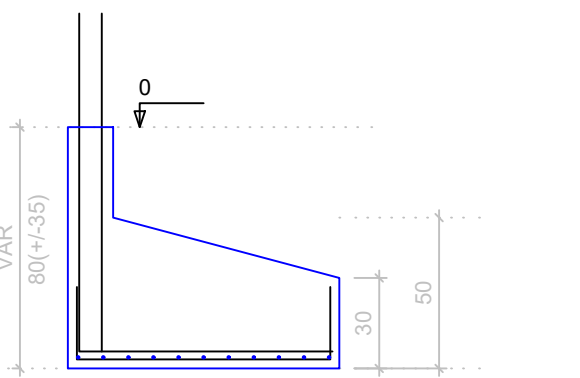
P9



S9
PLANTA
ESC 1:25

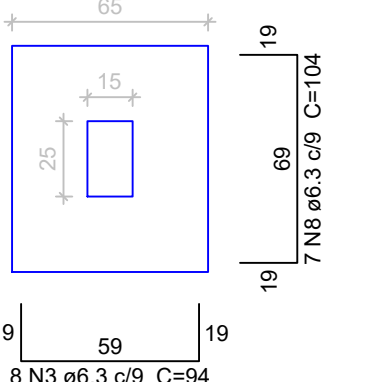


CORTE
ESC 1:25

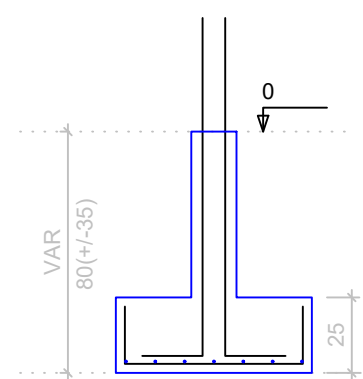


S12=S14=S16=S18=S20=S22=S24=S26=S28=S30
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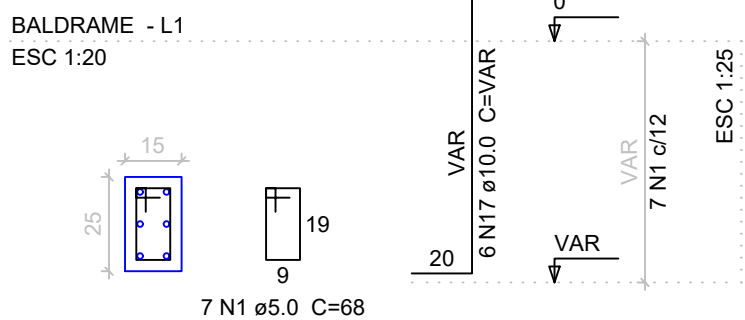
PLANTA
ESC 1:25



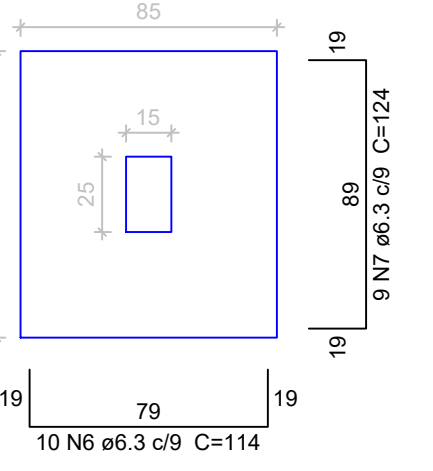
CORTE
ESC 1:25



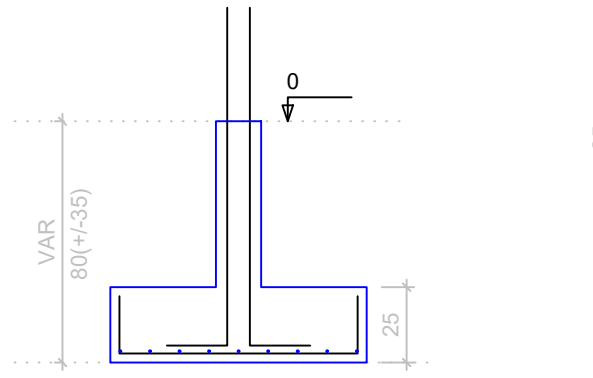
P10



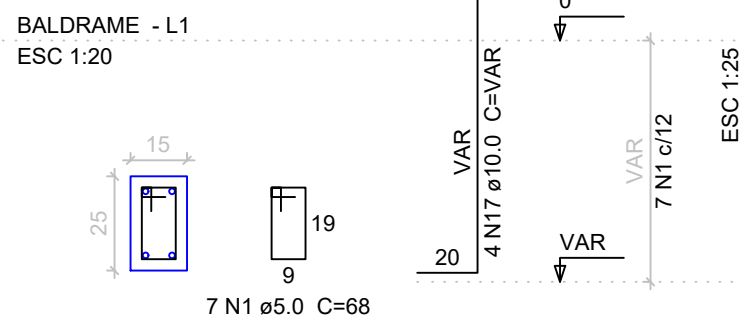
S10
PLANTA
ESC 1:25



CORTE
ESC 1:25



P12=P14=P16=P18=P20=P22=P24=P26=P28=P30
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Relação do aço

S1	S3	S4
2xS5	S6	S7
S9	S10	23xS11
19xS12		

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	357	68	24276
CA50	2	6.3	161	84	13524
	3	6.3	290	94	27260
	4	6.3	13	134	1742
	5	6.3	12	124	1488
	6	6.3	10	114	1140
	7	6.3	9	124	1116
	8	6.3	133	104	13832
	9	8.0	9	103	927
	10	8.0	9	118	1062
	11	8.0	10	123	1230
	12	8.0	28	133	3724
	13	8.0	22	143	3146
	14	8.0	22	138	3036
	15	8.0	9	113	1017
	16	10.0	6	VAR	VAR
	17	10.0	202	VAR	VAR
	18	10.0	4	VAR	VAR
	19	10.0	7	152	1064
	20	10.0	9	137	1233
	21	10.0	4	VAR	VAR
	22	10.0	16	127	2032
	23	10.0	6	VAR	VAR

Resumo do aço

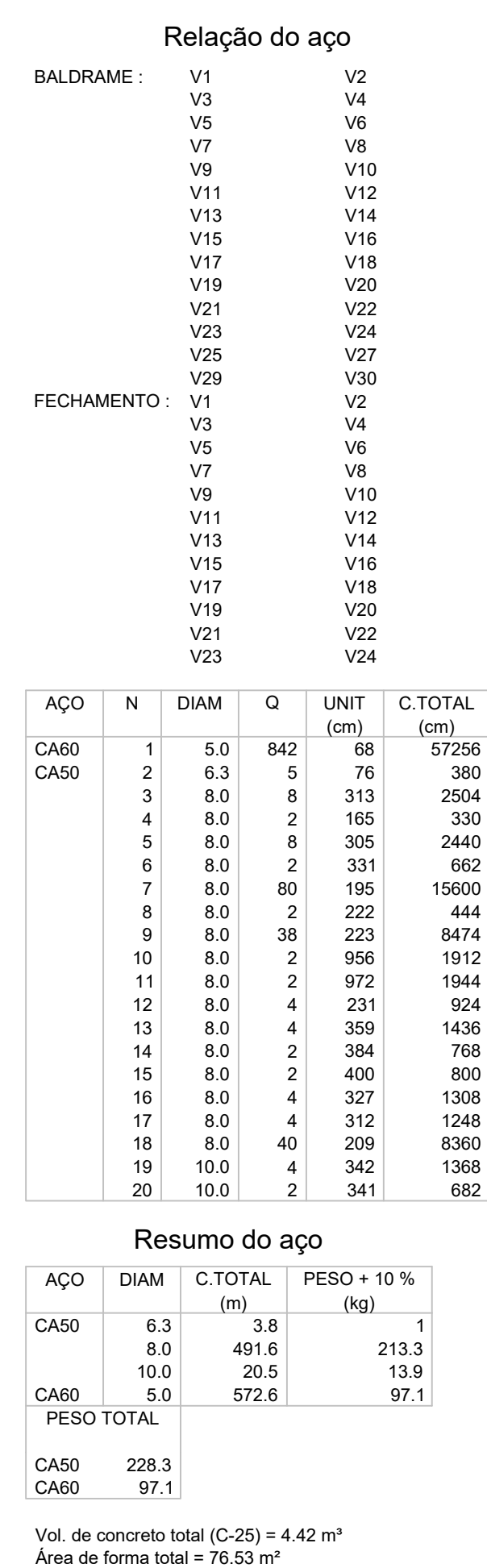
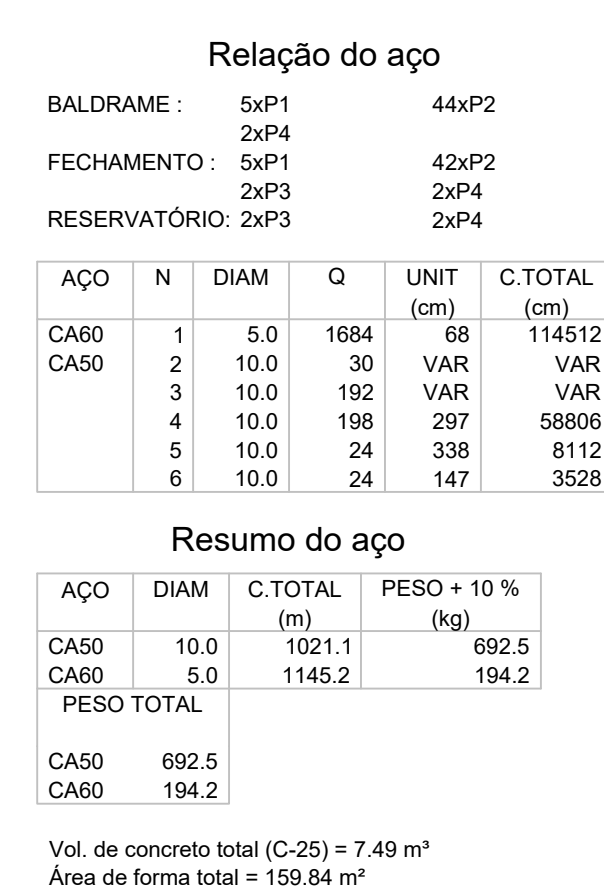
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	601.1	161.8
	8.0	141.5	61.4
CA60	5.0	358.2	242.9
PESO TOTAL		242.8	41.2
CA50	466		
CA60	41.2		

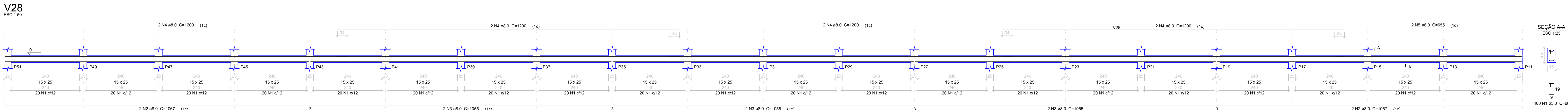
Vol. de concreto total (C-25) = 8.69 m³
Área de forma total = 69.41 m²

CASSOL DAGA
ENGENHARIA

LOCAL PARA CARIMBO E APROVAÇÃO

RESPONSÁVEL TÉCNICO:	
MURILO CASSOL DAGA:10333030974	Assinado de forma digital por MURILO CASSOL DAGA:10333030974 Data: 2024.09.09 14:48:21 -03'00'
MURILO CASSOL DAGA CPF 103.330.309-74 Eng. Civil CREA/SC 167762-0	
PROJETO:	ENDEREÇO:
PROJETO ESTRUTURAL	
RUA COBERTA, RUA OLIVEIRA TRECHO ENTRE AS RUAS PISSETI E ZANELLA, NO CENTRO DO MUNICÍPIO DE IPUAÇU/SC	
ESPECIFICAÇÃO:	
TAXA DE OCUPAÇÃO: 99,30%	ÁREA TERRENO: 2000,00 M²
ÁREA DE CONSTRUÇÃO: 1986,08 M²	PAVIMENTOS: 1
DATA: 09/09/2022	
DESCRIÇÃO PRANCHA:	
FUNDAÇÃO	
PRÓPRIETÁRIO:	
PREFEITURA MUNICIPAL DE IPUAÇU CNPJ 15.993.028/0001-63	
Prancha:	
EST	
02/04	
Revisão:	





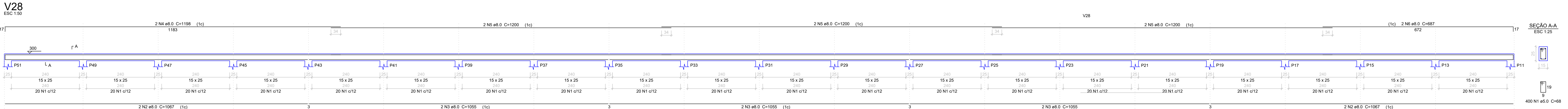
Relação do aço

ACO	N	DIAM	Q	UNIT	C.TOTAL
				(cm)	(cm)
CA60	1	5.0	400	68	27200
CA60	2	8.0	4	1067	4268
CA60	3	8.0	6	1055	6330
CA60	4	8.0	8	1200	9600
CA60	5	8.0	2	695	1310

Resumo do aço

ACO	DIAM	C.TOTAL	PESO + 10 %
		(m)	(kg)
CA50	8.0	215.1	93.4
CA60	8.0	272	46.1
PESO TOTAL			
CA50		93.4	
CA60		46.1	

Vol. de concreto total (C-25) = 2 m³
Área de forma total = 34.61 m²



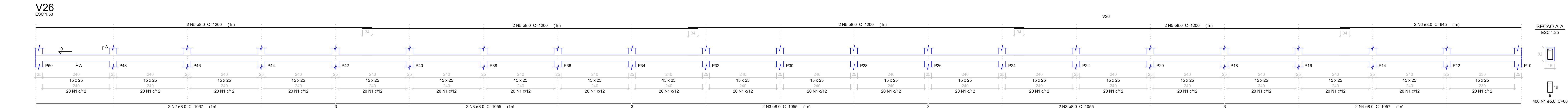
Relação do aço

ACO	N	DIAM	Q	UNIT	C.TOTAL
				(cm)	(cm)
CA60	1	5.0	400	68	27200
CA60	2	8.0	4	1067	4268
CA60	3	8.0	6	1055	6330
CA60	4	8.0	2	1188	2386
CA60	5	8.0	6	1200	9600
CA60	6	8.0	2	687	1310

Resumo do aço

ACO	DIAM	C.TOTAL	PESO + 10 %
		(m)	(kg)
CA50	8.0	215.7	93.6
CA60	8.0	272	46.1
PESO TOTAL			
CA50		93.6	
CA60		46.1	

Vol. de concreto total (C-25) = 2 m³
Área de forma total = 34.61 m²



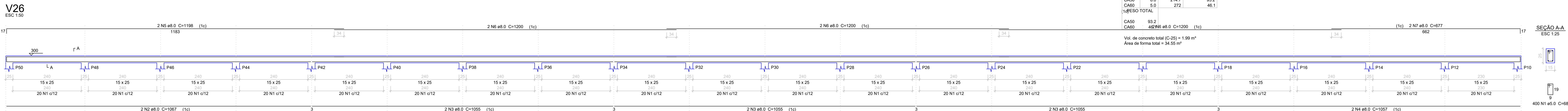
Relação do aço

ACO	N	DIAM	Q	UNIT	C.TOTAL
				(cm)	(cm)
CA60	1	5.0	400	68	27200
CA60	2	8.0	2	1067	2134
CA60	3	8.0	6	1055	6330
CA60	4	8.0	2	1057	2114
CA60	5	8.0	8	1200	9600
CA60	6	8.0	2	645	1290

Resumo do aço

ACO	DIAM	C.TOTAL	PESO + 10 %
		(m)	(kg)
CA50	8.0	214.7	93.2
CA60	8.0	272	46.1
PESO TOTAL			
CA50		93.2	
CA60		46.1	

Vol. de concreto total (C-25) = 1.99 m³
Área de forma total = 34.55 m²



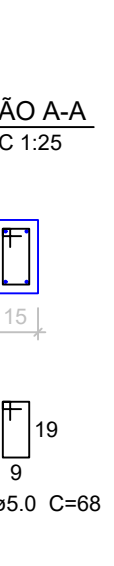
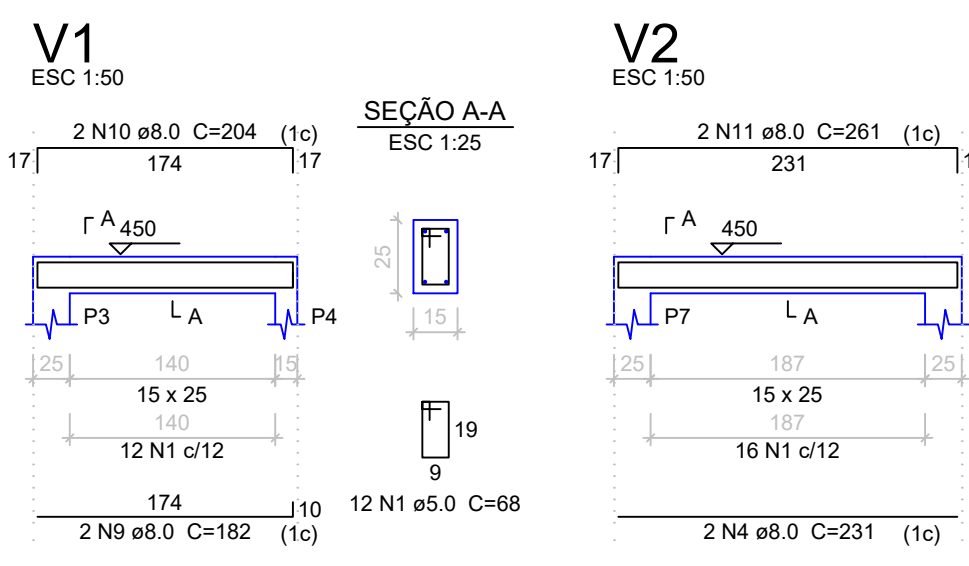
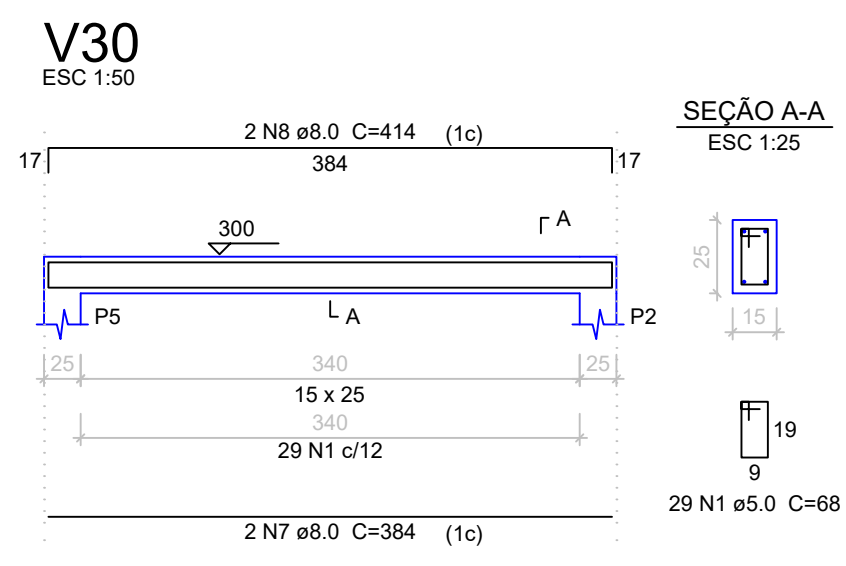
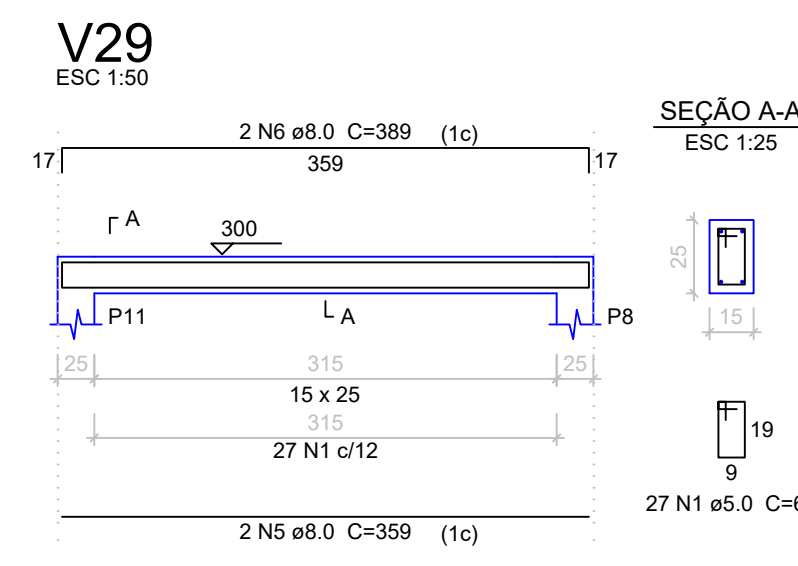
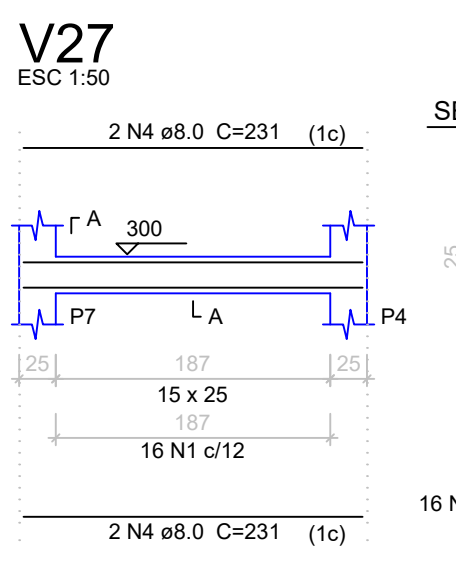
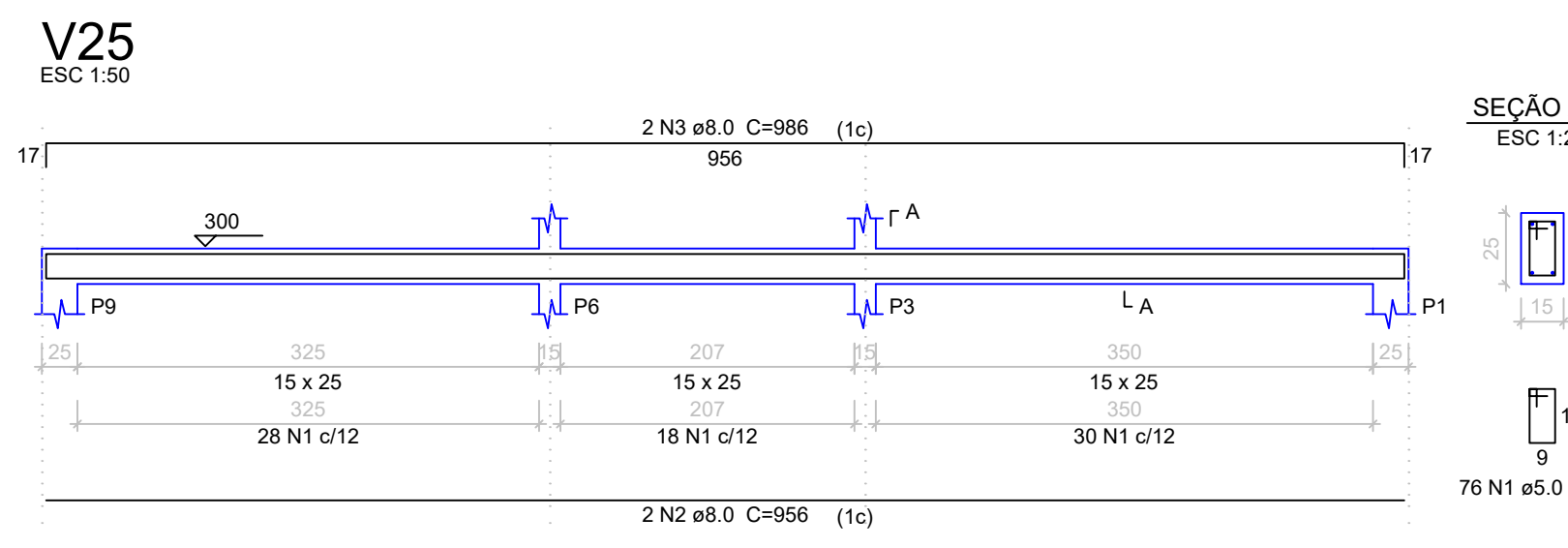
Relação do aço

ACO	N	DIAM	Q	UNIT	C.TOTAL
				(cm)	(cm)
CA60	1	5.0	400	68	27200
CA60	2	8.0	2	1067	2134
CA60	3	8.0	6	1055	6330
CA60	4	8.0	2	1057	2114
CA60	5	8.0	8	1200	9600
CA60	6	8.0	2	677	1304

Resumo do aço

ACO	DIAM	C.TOTAL	PESO + 10 %
		(m)	(kg)
CA50	8.0	215.3	93.4
CA60	8.0	272	46.1
PESO TOTAL			
CA50		93.4	
CA60		46.1	

Vol. de concreto total (C-25) = 1.99 m³
Área de forma total = 34.55 m²



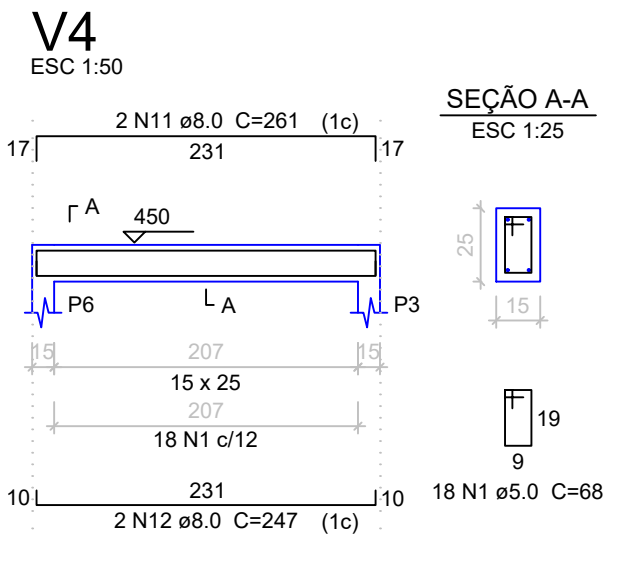
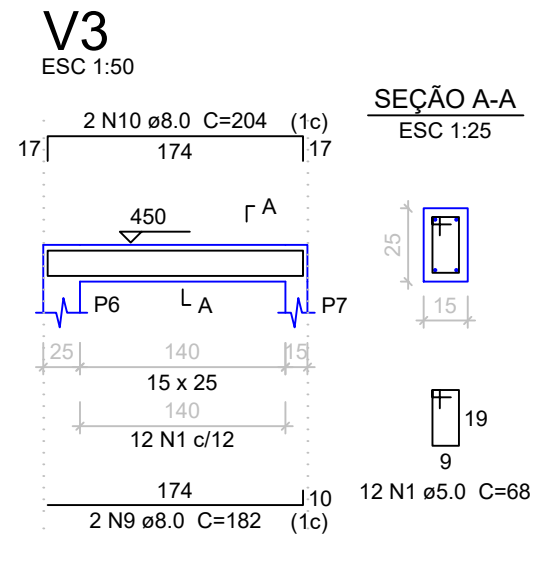
Relação do aço

ACO	N	DIAM	Q	UNIT	C.TOTAL
				(cm)	(cm)
CA60	1	5.0	208	65	14608
CA60	2	8.0	2	995	1912
CA60	3	8.0	2	985	1972
CA60	4	8.0	6	231	1386
CA60	5	8.0	2	359	718
CA60	6	8.0	2	389	778
CA60	7	8.0	2	384	768
CA60	8	8.0	2	414	828
CA60	9	8.0	4	162	728
CA60	10	8.0	4	204	816
CA60	11	8.0	4	261	1044
CA60	12	8.0	2	247	494

Resumo do aço

ACO	DIAM	C.TOTAL	PESO + 10 %
		(m)	(kg)
CA50	8.0	114.5	49.7
CA60	8.0	146.1	23.8
PESO TOTAL			
CA50		49.7	
CA60		23.8	

Vol. de concreto total (C-25) = 1.05 m³
Área de forma total = 18.12 m²



CASSOL

DAGA

INGENHARIA

LIQUID. PARA CARIMBO E ASSINATURA

RESPONSÁVEL TÉCNICO:

MURILLO CASSOL

DAGA:1033330974

MURILLO CASSOL DAGA

CPF: 103.333.30-74

Eng. Civil CREA/SC: 167762-0

PROJETO:

PROJETO ESTRUTURAL

ESPECIFICAÇÃO:

199.30%

ÁREA TERRENO

2000.00 M²

ÁREA DE CONSTRUÇÃO

1986.08 M²

PAVIMENTO

1

DATA

09/09/2022

DESCRIÇÃO PRONAL:

VIGA

PROPRIETÁRIO:

PREFEITURA MUNICIPAL DE IPUAÇU

CPF: 95.993.028/0001-83

Prontico:

EST

04/04

Revisão: