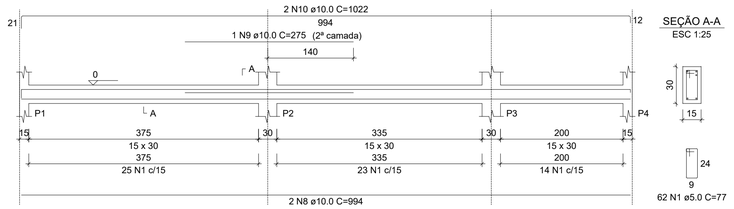
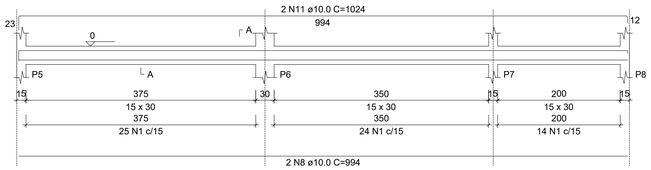
V1 (15 x 30)
ESC 1:50

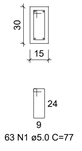


SEÇÃO A-A
ESC 1:25

V2 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

V1-L2 V1-L1 V2-L2
V2-L1 V3-L2 V3-L1
V4-L2 V4-L1 V5-L2
V5-L1 V6-L2 V6-L1
V7-L2 V7-L1 V8-L1
V9-L1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	576	77	44352
CA50	2	8.0	6	994	5964
	3	8.0	6	1030	6180
	4	8.0	4	694	2776
	5	8.0	4	730	2920
	6	8.0	4	184	736
	7	8.0	4	220	880
	8	10.0	6	994	5964
	9	10.0	1	275	275
	10	10.0	2	1022	2044
	11	10.0	2	1024	2048
	12	10.0	2	1013	2026
	13	10.0	10	519	5190
	14	10.0	8	209	1672
	15	10.0	4	184	736
	16	10.0	2	203	406
	17	10.0	2	194	388

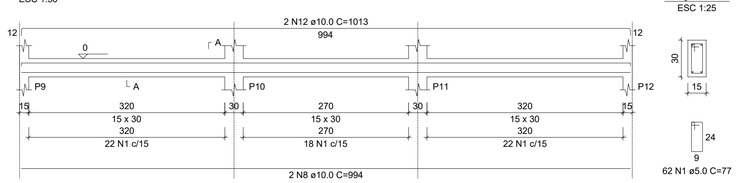
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	PESO + 0% (kg)
CA50	8.0	194.6	17	76.8
	10.0	207.5	18	127.9
CA60	5.0	443.5	37	68.4

PESO TOTAL (kg)	
CA50	204.7
CA60	68.4

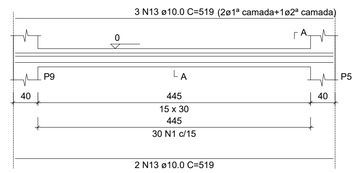
Volume de concreto (C-25) = 1.90 m³
Volume de concreto (C-30) = 1.90 m³
Área de forma = 63.45 m²

V3 (15 x 30)
ESC 1:50

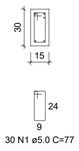


SEÇÃO A-A
ESC 1:25

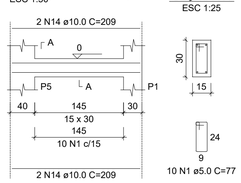
V4 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

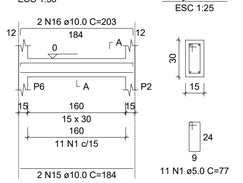


V5 (15 x 30)
ESC 1:50



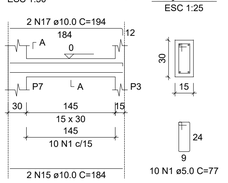
SEÇÃO A-A
ESC 1:25

V6 (15 x 30)
ESC 1:50



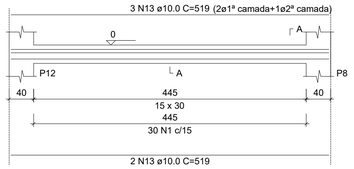
SEÇÃO A-A
ESC 1:25

V7 (15 x 30)
ESC 1:50

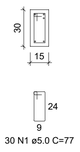


SEÇÃO A-A
ESC 1:25

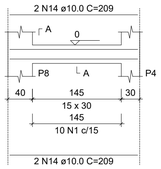
V8 (15 x 30)
ESC 1:50



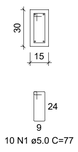
SEÇÃO A-A
ESC 1:25



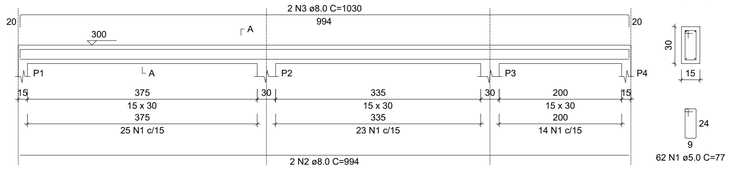
V9 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

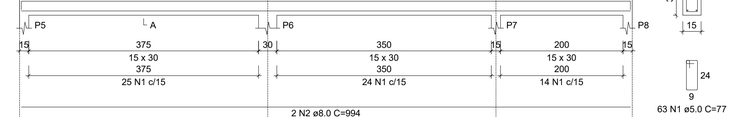


V1 (15 x 30)
ESC 1:50



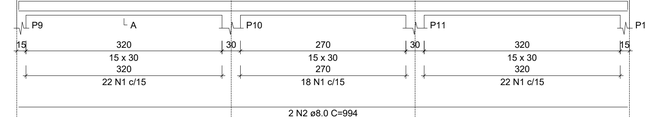
SEÇÃO A-A
ESC 1:25

V2 (15 x 30)
ESC 1:50

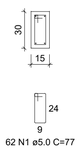


SEÇÃO A-A
ESC 1:25

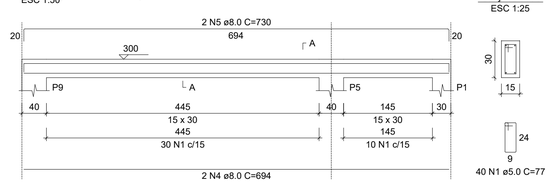
V3 (15 x 30)
ESC 1:50



SEÇÃO A-A
ESC 1:25

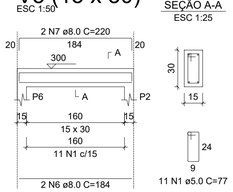


V4 (15 x 30)
ESC 1:50



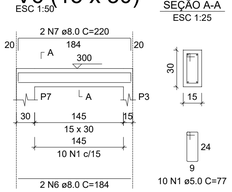
SEÇÃO A-A
ESC 1:25

V5 (15 x 30)
ESC 1:50



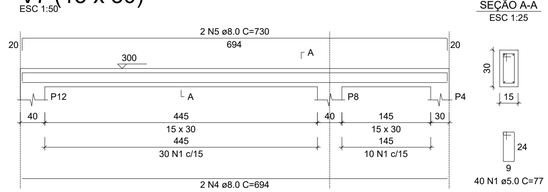
SEÇÃO A-A
ESC 1:25

V6 (15 x 30)
ESC 1:50



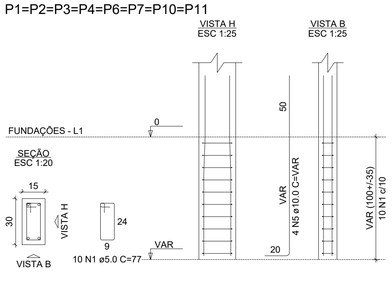
SEÇÃO A-A
ESC 1:25

V7 (15 x 30)
ESC 1:50

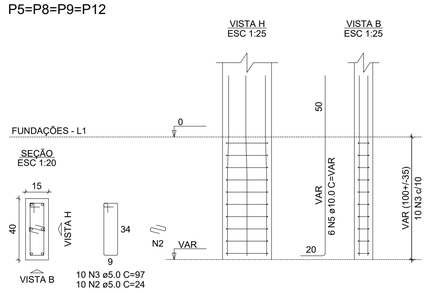


SEÇÃO A-A
ESC 1:25

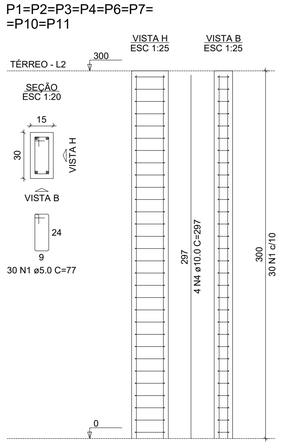
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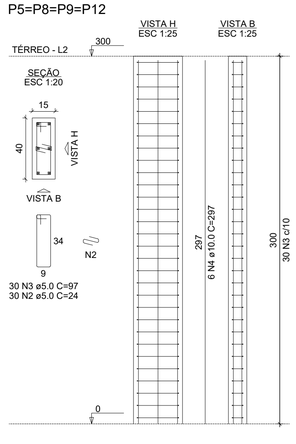
P5=P8=P9=P12



P1=P2=P3=P4=P6=P7=
=P10=P11



P5=P8=P9=P12



RELAÇÃO DO AÇO

8xP1-L2 8xP1-L1 4xP5-L2
4xP5-L1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	320	77	24640
	2	5.0	160	24	3840
	3	5.0	160	97	15520
CA50	4	10.0	56	297	16632
	5	10.0	56	VAR	VAR

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 0% (Barras)	PESO + 0% (kg)
CA50	10.0	258.7	22	159.5
CA60	5.0	440	37	67.8

PESO TOTAL (kg)	
CA50	159.5
CA60	67.8

Volume de concreto (C-25) = 1.80 m³
Volume de concreto (C-30) = 0.45 m³
Área de forma = 43.50 m²

Município de União do Oeste - SC

Projetos Estrutural

Assunto:

- Vigas Baldrames;
- Vigas;

Endereço da obra: Avenida Tiradentes, 265
Município: União do Oeste - SC
Área: 70,00 m²
Data: Setembro/2026
Escala: Indicada
Folha: 02/03

Responsável Técnico:
gov.br Documento assinado digitalmente
CRISTIELI LUZA
Data: 17/09/2026 16:53:27-0300
Verifique em https://validar.iti.gov.br

Cristieli Luza
Coordenadora Geral do Setor de Engenharia - Engenheira Civil
CREA/SC 179.176-8

Proprietário:
MUNICÍPIO DE UNIÃO DO OESTE
CNPJ: 78.505.591/0001-46

Vistos: