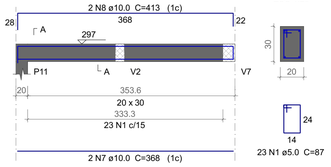
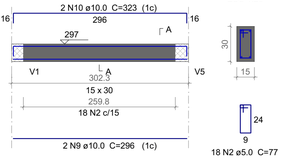
V1
ESC 1:50



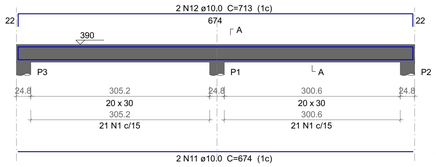
SEÇÃO A-A
ESC 1:25

V2
ESC 1:50

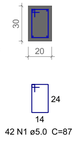


SEÇÃO A-A
ESC 1:25

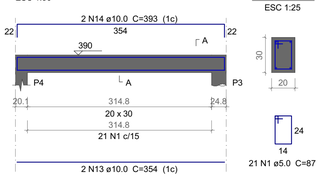
V3
ESC 1:50



SEÇÃO A-A
ESC 1:25

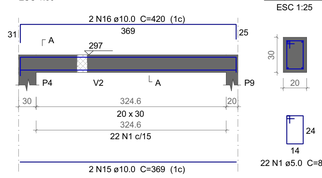


V4
ESC 1:50



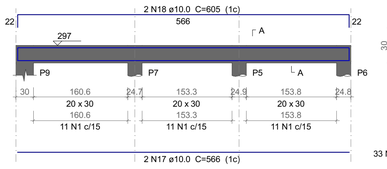
SEÇÃO A-A
ESC 1:25

V5
ESC 1:50

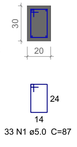


SEÇÃO A-A
ESC 1:25

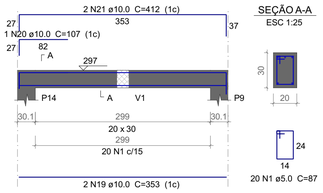
V6
ESC 1:50



SEÇÃO A-A
ESC 1:25

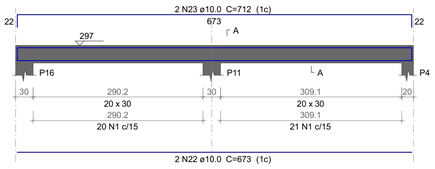


V7
ESC 1:50

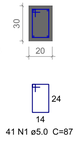


SEÇÃO A-A
ESC 1:25

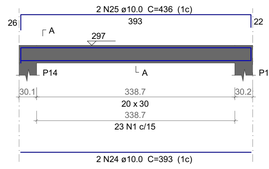
V8
ESC 1:50



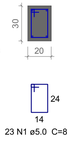
SEÇÃO A-A
ESC 1:25



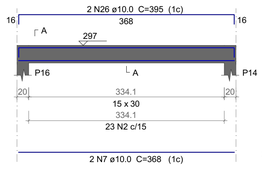
V9
ESC 1:50



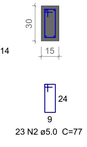
SEÇÃO A-A
ESC 1:25



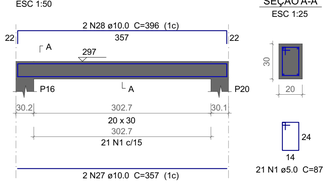
V10
ESC 1:50



SEÇÃO A-A
ESC 1:25

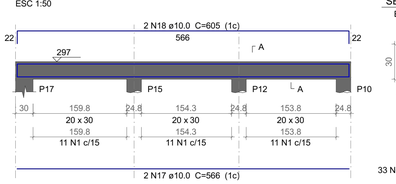


V11
ESC 1:50

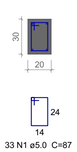


SEÇÃO A-A
ESC 1:25

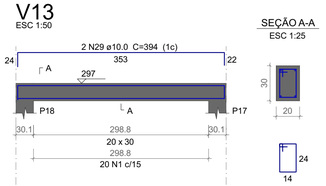
V12
ESC 1:50



SEÇÃO A-A
ESC 1:25

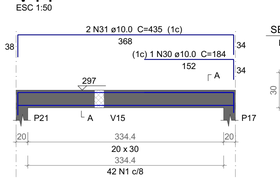


V13
ESC 1:50

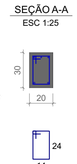


SEÇÃO A-A
ESC 1:25

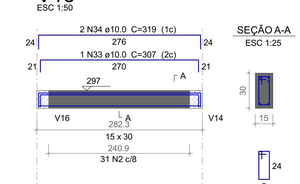
V14
ESC 1:50



SEÇÃO A-A
ESC 1:25

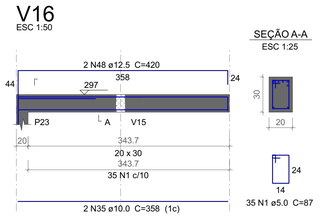


V15
ESC 1:50



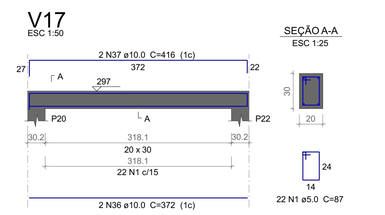
SEÇÃO A-A
ESC 1:25

V16
ESC 1:50



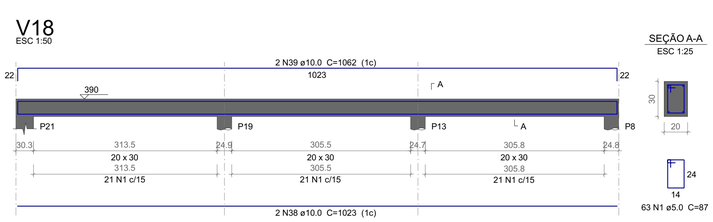
SEÇÃO A-A
ESC 1:25

V17
ESC 1:50



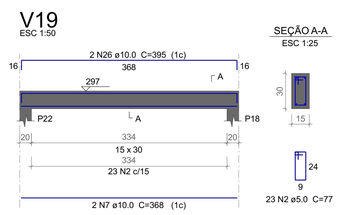
SEÇÃO A-A
ESC 1:25

V18
ESC 1:50



SEÇÃO A-A
ESC 1:25

V19
ESC 1:50



SEÇÃO A-A
ESC 1:25

Relação do aço

6xP1	11xP4	6xP5
V1	V2	V3
V4	V5	V6
V7	V8	V9
V10	V11	V12
V13	V14	V15
V16	V17	V18
V19	V20	V22
V23		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	803	87	69861
	2	5.0	95	77	7315
	3	5.0	348	77	26796
	4	5.0	242	64	15488
CA50	5	8.0	2	370	740
	6	8.0	2	368	736
	7	10.0	6	368	2208
	8	10.0	2	413	826
	9	10.0	2	296	592
	10	10.0	2	323	646
	11	10.0	4	674	2696
	12	10.0	2	713	1426
	13	10.0	2	354	708
	14	10.0	2	393	786
	15	10.0	2	369	738
	16	10.0	2	420	840
	17	10.0	4	566	2264
	18	10.0	4	605	2420
	19	10.0	4	353	1412
	20	10.0	1	107	107
	21	10.0	2	412	824
	22	10.0	2	673	1346
	23	10.0	2	712	1424
	24	10.0	2	393	786
	25	10.0	2	436	872
	26	10.0	4	395	1580
	27	10.0	2	357	714
	28	10.0	2	396	792
	29	10.0	2	394	788
	30	10.0	1	184	184
	31	10.0	2	435	870
	32	10.0	2	276	552
	33	10.0	1	307	307
	34	10.0	2	319	638
	35	10.0	2	358	716
	36	10.0	2	372	744
	37	10.0	2	416	832
	38	10.0	2	1023	2046
	39	10.0	2	1062	2124
	40	10.0	2	736	1472
	41	10.0	2	388	776
	42	10.0	2	386	772
	43	10.0	80	387	30960
	44	10.0	36	294	10584
	45	12.5	2	368	736
	48	12.5	2	420	840

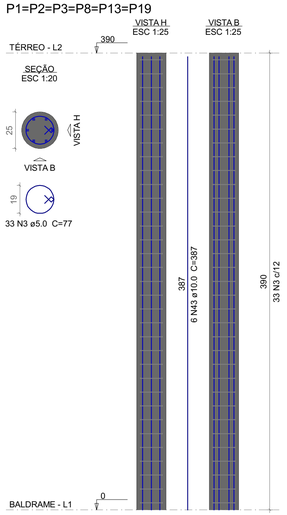
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	14.8	6.4
	10.0	803.7	545.5
	12.5	15.8	16.7
CA60	5.0	1194.6	202.3

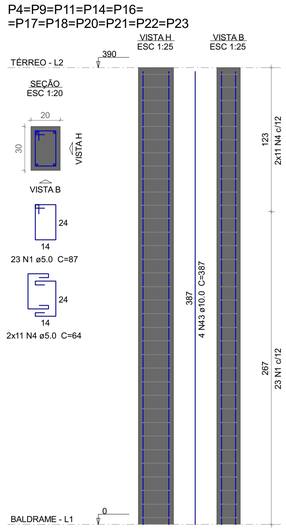
PESO TOTAL (kg)	
CA50	568.6
CA60	202.3

Volume de concreto (C-25) = 9.68 m³
Área de forma = 144.89 m²

P1=P2=P3=P8=P13=P19



P4=P9=P11=P14=P16= =P17=P18=P20=P21=P22=P23



P5=P6=P7=P10=P12=P15

V20
ESC 1:50

SEÇÃO A-A
ESC 1:25

V23
ESC 1:50

SEÇÃO A-A
ESC 1:25

V22
ESC 1:50

SEÇÃO A-A
ESC 1:25

R02		
R01		
R00	EMISSÃO INICIAL	26/03/2026

RENAN LENZ ENGENHEIRO CIVIL
Vila Santa Catarina, Salvador das Missões-RS
(55) 99960-3817
@ENG.RENANLENZ

CLIENTE: PREFEITURA DE UBIRETAMA	**RESPONSÁVEL PELA OBRA:** RENAN EDUARDO LENZ
LOCALIZAÇÃO: UBIRETAMA/RS	**DESENHO:** EST-06-TÉR-VIG
PROJETO: Vigas do pavimento Térreo	**FASE :** Dimensionamento
CONTEÚDO: Planta de Locação	**DESENHO** 6 / 6 — **REVISÃO** 0

RENAN EDUARDO LENZ:04260726005 — Assinado de forma digital por RENAN EDUARDO LENZ:04260726005 Dados: 2026.11.08 20:28:59 -03'00'

ESCALA:	1ª EMISSÃO:	PAVIMENTO:
INDICADA	13/05/2026	Térreo