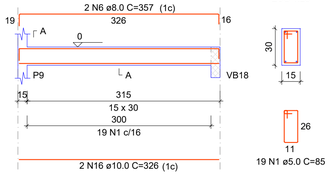
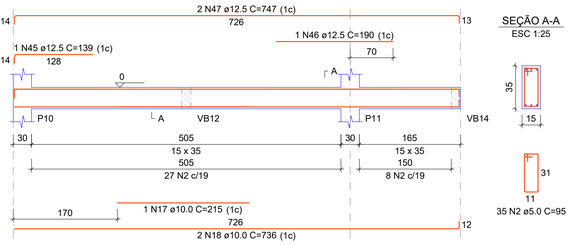
VB5
ESC 1:50



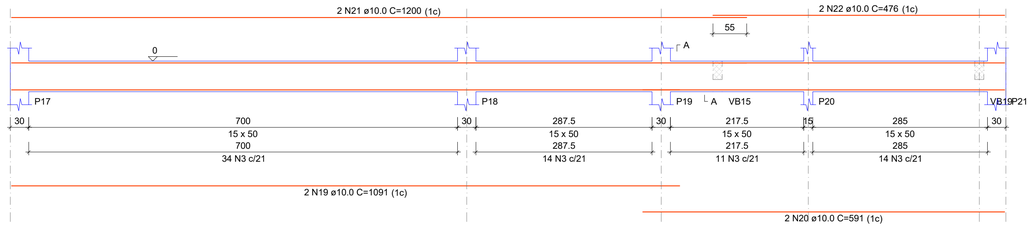
SEÇÃO A-A
ESC 1:25

VB6
ESC 1:50

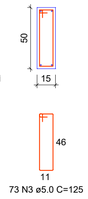


SEÇÃO A-A
ESC 1:25

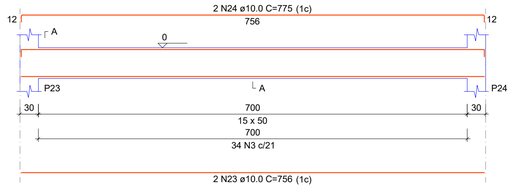
VB7
ESC 1:50



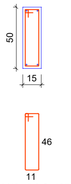
SEÇÃO A-A
ESC 1:25



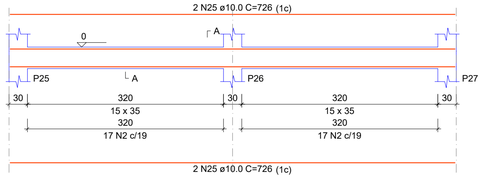
VB9
ESC 1:50



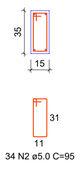
SEÇÃO A-A
ESC 1:25



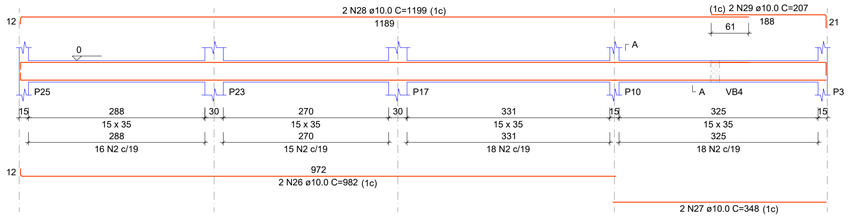
VB10
ESC 1:50



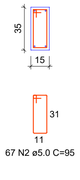
SEÇÃO A-A
ESC 1:25



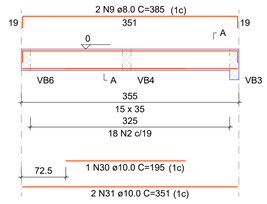
VB11
ESC 1:50



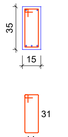
SEÇÃO A-A
ESC 1:25



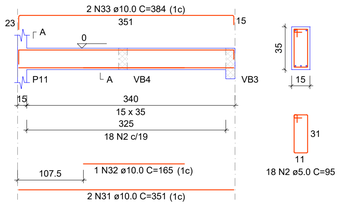
VB12
ESC 1:50



SEÇÃO A-A
ESC 1:25

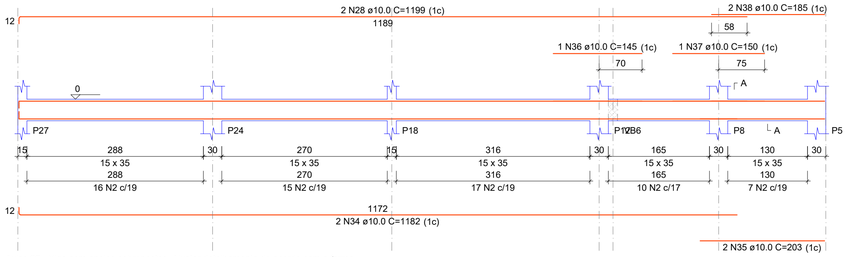


VB13
ESC 1:50

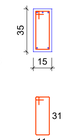


SEÇÃO A-A
ESC 1:25

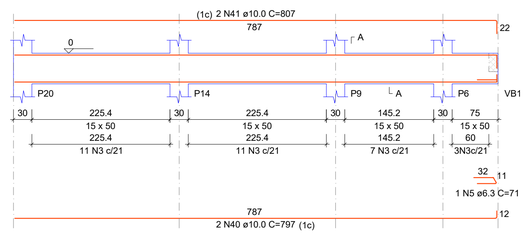
VB14
ESC 1:50



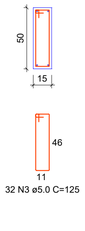
SEÇÃO A-A
ESC 1:25



VB16
ESC 1:50

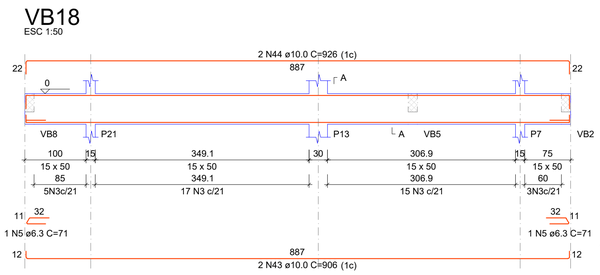


SEÇÃO A-A
ESC 1:25

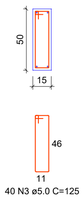


Aviso 06 - Viga com apoios sobrepostos. Ajustar detalhamento de acordo com a forma.

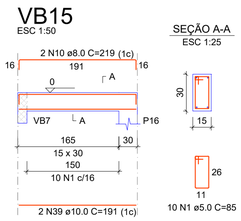
VB18
ESC 1:50



SEÇÃO A-A
ESC 1:25

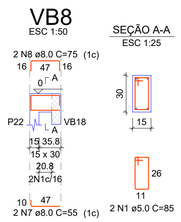


VB15
ESC 1:50



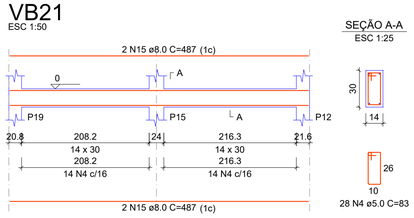
SEÇÃO A-A
ESC 1:25

VB8
ESC 1:50



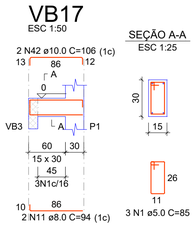
SEÇÃO A-A
ESC 1:25

VB21
ESC 1:50



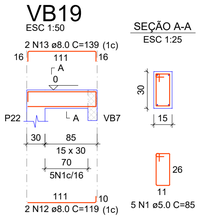
SEÇÃO A-A
ESC 1:25

VB17
ESC 1:50



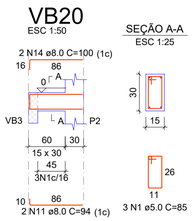
SEÇÃO A-A
ESC 1:25

VB19
ESC 1:50



SEÇÃO A-A
ESC 1:25

VB20
ESC 1:50



SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

VB5 VB6 VB7
VB8 VB9 VB10
VB11 VB12 VB13
VB14 VB15 VB16
VB17 VB18 VB19
VB20 VB21

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	42	85	3570
	2	5.0	237	95	22515
	3	5.0	179	125	22375
	4	5.0	28	83	2324
CA50	5	6.3	3	71	213
	6	8.0	2	357	714
	7	8.0	2	55	110
	8	8.0	2	75	150
	9	8.0	2	385	770
	10	8.0	2	219	438
	11	8.0	4	94	376
	12	8.0	2	119	238
	13	8.0	2	139	278
	14	8.0	2	100	200
	15	8.0	4	487	1948
	16	10.0	2	326	652
	17	10.0	1	215	215
	18	10.0	2	736	1472
	19	10.0	2	1091	2182
	20	10.0	2	591	1182
	21	10.0	2	1200	2400
	22	10.0	2	476	952
	23	10.0	2	756	1512
	24	10.0	2	775	1550
	25	10.0	4	726	2904
	26	10.0	2	982	1964
	27	10.0	2	348	696
	28	10.0	4	1199	4796
	29	10.0	2	207	414
	30	10.0	1	195	195
	31	10.0	4	351	1404
	32	10.0	1	165	165
	33	10.0	2	384	768
	34	10.0	2	1182	2364
	35	10.0	2	203	406
	36	10.0	1	145	145
	37	10.0	1	150	150
	38	10.0	2	185	370
	39	10.0	2	191	382
	40	10.0	2	797	1594
	41	10.0	2	807	1614
	42	10.0	2	106	212
	43	10.0	2	906	1812
	44	10.0	2	926	1852
	45	12.5	1	139	139
	46	12.5	1	190	190
	47	12.5	2	747	1494

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	2.1	0.6
	8.0	52.2	22.7
	10.0	363.2	246.3
	12.5	18.2	19.3
CA60	5.0	507.8	86.1

PESO TOTAL (kg)	
CA50	288.9
CA60	86.1

Volume de concreto (C-35) = 5.55 m³
Área de forma = 87.73 m²

ANOTAÇÕES/APROVAÇÕES:

1. PROJETO ESTRUTURAL ELABORADO DE ACORDO COM AS NORMAS TÉCNICAS ABNT NBR 6118, NBR 6120 E NBR 6122;

2. OBSERVAR O FCK DO CONCRETO NAS PRANCHAS;

3. É DE RESPONSABILIDADE DOS EXECUTORES SEGUIR AS NORMAS VIGENTES PARA UMA EXECUÇÃO ADEQUADA, GARANTINDO O PERFEITO FUNCIONAMENTO E ESTABILIDADES DOS SISTEMAS PROJETADOS.

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(49) 98848-5656
(49) 99918-0530
par_engenharia
par.eng@outlook.com

PROJETO ESTRUTURAL

EDIFICAÇÃO:
EDIFICAÇÃO COMERCIAL DA CIDIRIOS - CONFORME PROCESSO LICITATÓRIO Nº 81/2025.

ENDEREÇO:
ROD. SC 480, KM 58, INTERIOR, IPUAÇU, ESTADO DE SANTA CATARINA .

CONTEÚDO:
DETALHES VIGAS DE BALDRAME (VB)

PROPRIETÁRIO/CONTRATANTE:
CONSÓRCIO INTERMUNICIPAL DE DESENVOLVIMENTO DA INFRAESTRUTURA RODOVIÁRIA ENTRE OS RIOS - CIDIRIOS
CNPJ: 42.973.647/0001-40

ÁREA TOTAL: 318,60 m²

PAVIMENTOS: 02

DATA: AGOSTO/2025

RESPONSÁVEIS TÉCNICOS:
ANDRESSA CORRADI PIEROZAN
CREA/SC: 188.360-1

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VINÍCIUS RIEGER
CREA/SC: 181.824-7

PRANCHA: EST 05 de 16