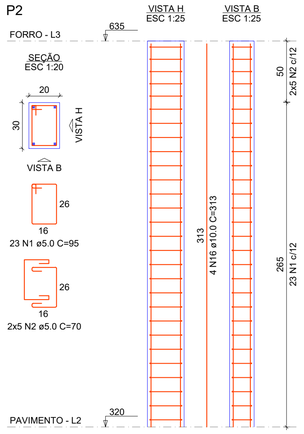
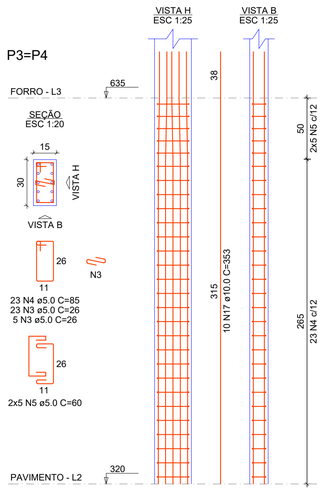
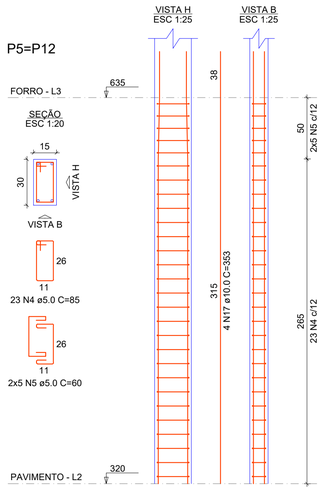
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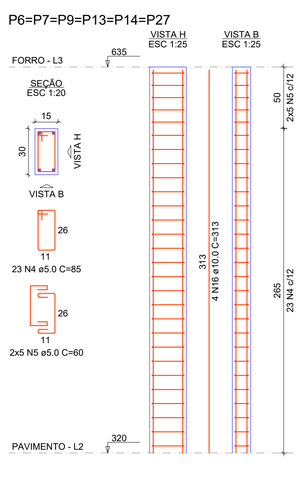
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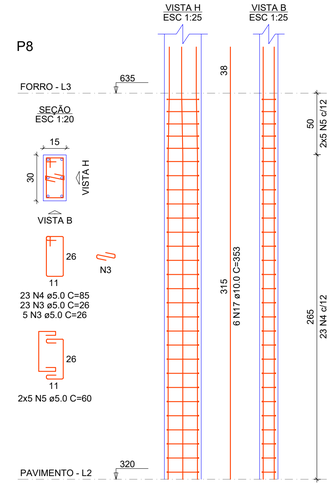
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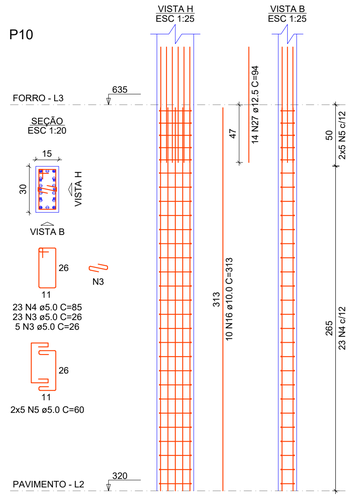
P6=P7=P9=P13=P14=P27



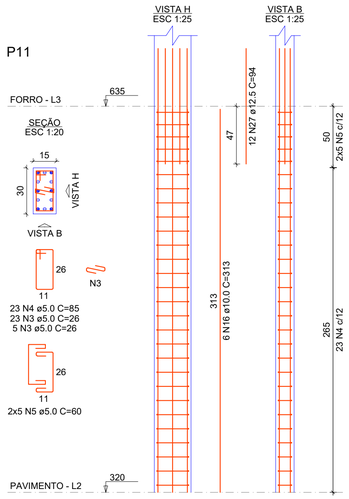
P8



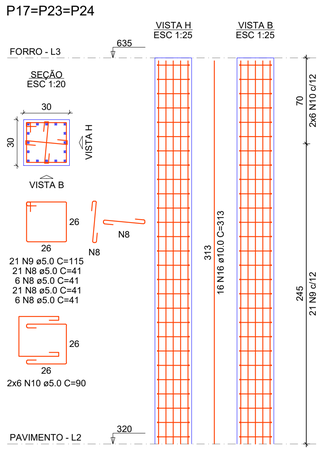
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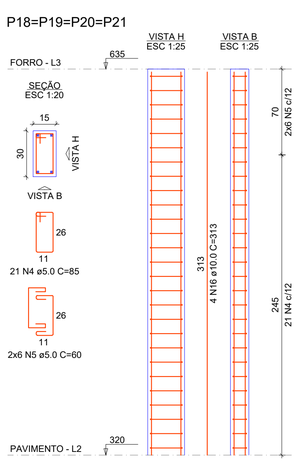
P11



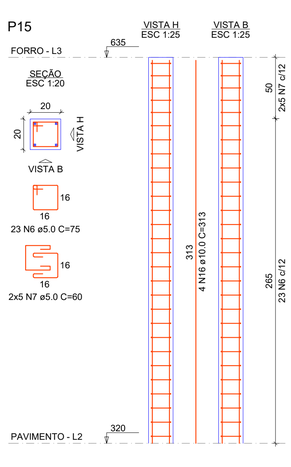
P17=P23=P24



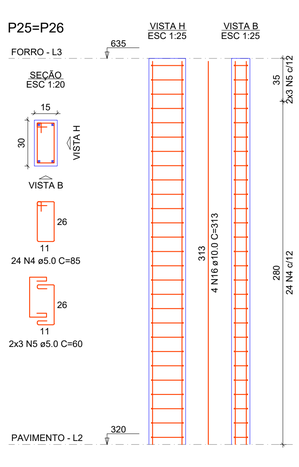
P18=P19=P20=P21



P15



P25=P26



RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	34.6	9.3
	10.0	586.7	397.9
	12.5	133.6	141.6
CA60	5.0	1025	173.8
PESO TOTAL (kg)			
CA50	548.8		
CA60	173.8		

Volume de concreto (C-25) = 3.86 m³
Volume de concreto (C-35) = 3.99 m³
Área de forma = 113.99 m²

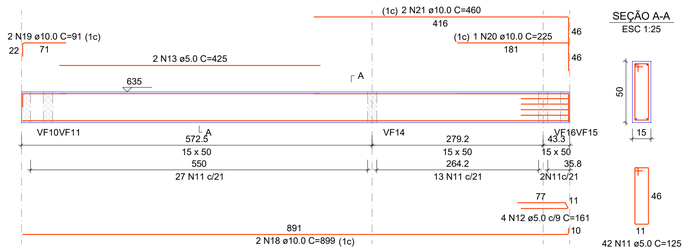
RELAÇÃO DO AÇO

P2	2xP3	2xP5
6xP6	P8	P10
P11	P15	3xP17
4xP18	2xP25	VF1
VF2	VF3	VF4

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	23	95	2185
	2	5.0	10	70	700
	3	5.0	140	26	3640
	4	5.0	431	85	36635
	5	5.0	190	60	11400
	6	5.0	23	75	1725
	7	5.0	10	60	600
	8	5.0	162	41	6642
	9	5.0	63	115	7245
	10	5.0	36	90	3240
	11	5.0	212	125	26500
	12	5.0	4	161	644
	13	5.0	2	425	850
	14	5.0	2	245	490
CA50	15	6.3	6	576	3456
	16	10.0	120	313	37560
	17	10.0	34	353	12002
	18	10.0	2	899	1798
	19	10.0	2	91	182
	20	10.0	1	225	225
	21	10.0	2	460	920
	22	10.0	2	723	1446
	23	10.0	1	335	335
	24	10.0	2	888	1776
	25	10.0	1	295	295
	26	10.0	2	1064	2128
	27	12.5	26	94	2444
	28	12.5	1	200	200
	29	12.5	1	215	215
	30	12.5	2	1200	2400
	31	12.5	2	487	974
	32	12.5	2	389	778
	33	12.5	2	500	1000
	34	12.5	1	558	558
	35	12.5	2	910	1820
	36	12.5	1	250	250
	37	12.5	1	832	832
	38	12.5	2	945	1890

VF1

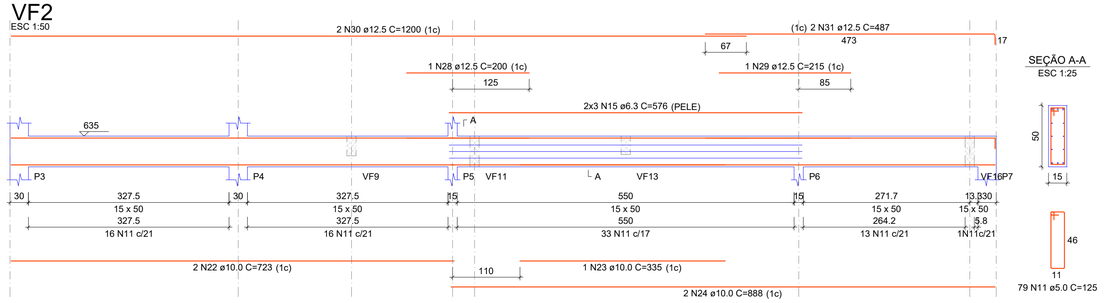
ESC 1:50



SEÇÃO A-A
ESC 1:25

VF2

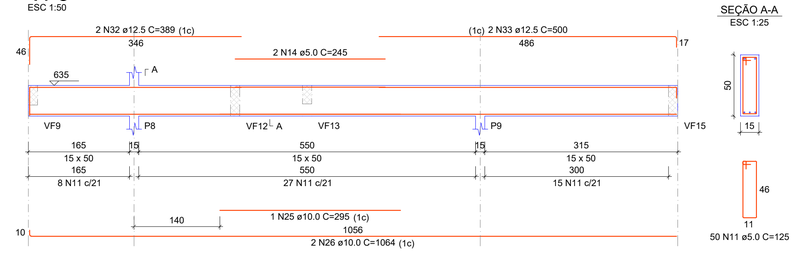
ESC 1:50



SEÇÃO A-A
ESC 1:25

VF3

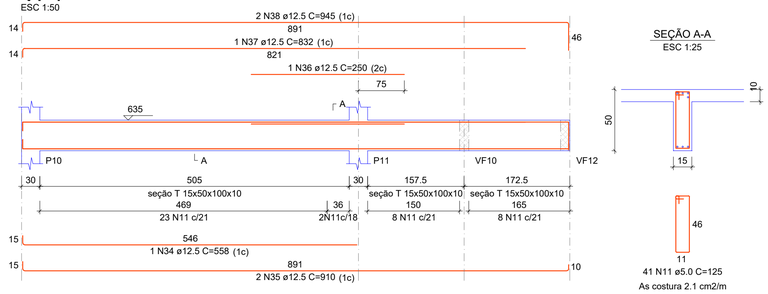
ESC 1:50



SEÇÃO A-A
ESC 1:25

VF4

ESC 1:50



SEÇÃO A-A
ESC 1:25

As costura 2.1 cm2/m

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) 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 PILARES (LANCE PAVIMENTO L-2 ATÉ FORRO L-3)
DETALHES VIGAS PAVIMENTO FORRO (VF)

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
PRANCHA: EST 12 de 16

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

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