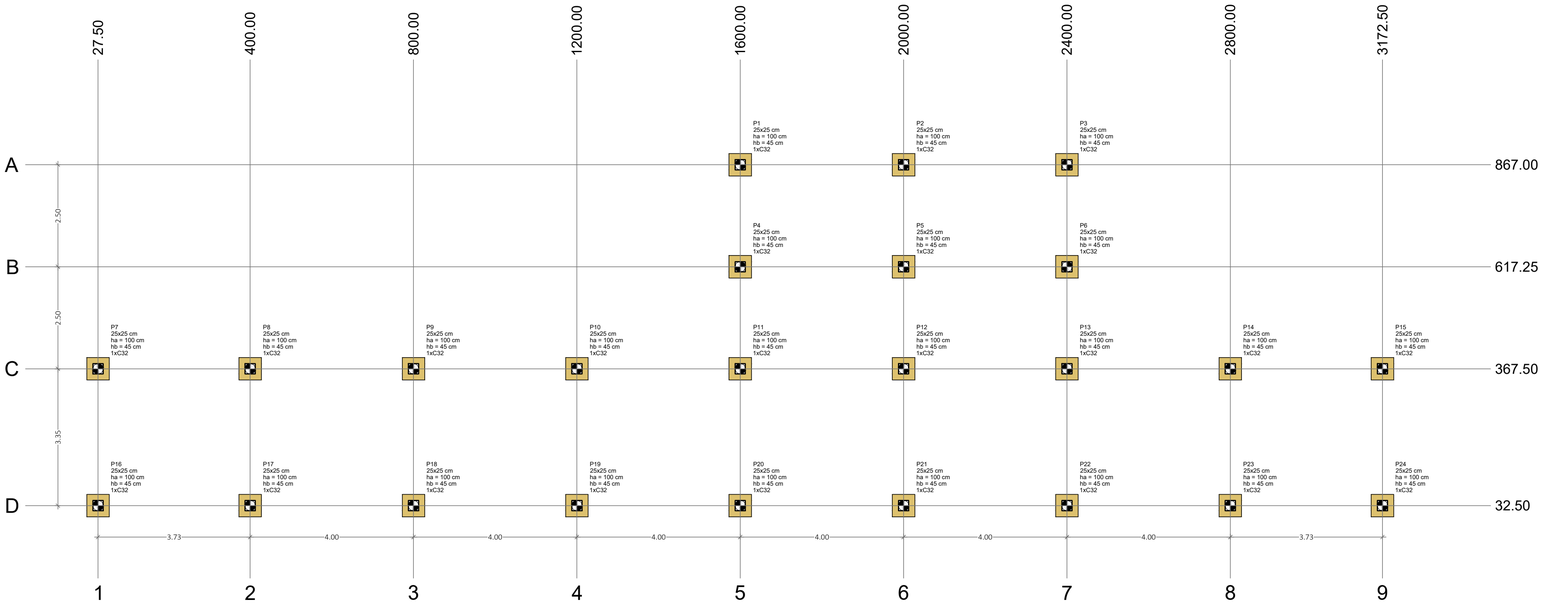


PLANTA DE LOCAÇÃO TRECHO C

ESC 1:50

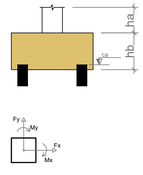
Pilar														Fundação				Bloco			
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (tf)	Carga Mín. (tf)	Mx Máximo (kgf.m)		My Máximo (kgf.m)		Fx Máximo (tf)		Fy Máximo (tf)		Lado B (cm)	Lado H1 (cm)	h0 / ha	h1 / hb (cm)	ne	Estaca	ca (cm)	Base tub. (cm)
						Positivo	Negativo	Positivo	Negativo	Positivo	Negativo	Positivo	Negativo								
P1	25x25	1600.00	867.00	7.4	4.4	400	-300	200	-200	0.5	0.0	0.2	-0.5	55	55	100	45	1	C32	-130	-
P2	25x25	2000.00	867.00	14.6	9.0	400	-300	200	-100	0.1	-0.2	0.2	-0.5	55	55	100	45	1	C32	-130	-
P3	25x25	2400.00	867.00	7.4	4.4	400	-300	100	-300	0.0	-0.4	0.2	-0.5	55	55	100	45	1	C32	-130	-
P4	25x25	1600.00	617.25	10.8	7.1	400	-400	300	0	0.6	0.0	0.5	-0.5	55	55	100	45	1	C32	-130	-
P5	25x25	2000.00	617.25	21.5	13.8	400	-400	200	-100	0.1	-0.2	0.5	-0.5	55	55	100	45	1	C32	-130	-
P6	25x25	2400.00	617.25	10.8	7.1	400	-400	100	-200	0.0	-0.7	0.5	-0.5	55	55	100	45	1	C32	-130	-
P7	25x25	27.50	367.50	8.6	5.3	500	-300	100	-100	0.3	0.0	0.1	-0.6	55	55	100	45	1	C32	-130	-
P8	25x25	400.00	367.50	16.6	10.4	600	-400	100	-200	0.0	-0.3	0.0	-0.9	55	55	100	45	1	C32	-130	-
P9	25x25	800.00	367.50	16.4	10.3	600	-400	100	-300	0.1	-0.3	0.0	-0.9	55	55	100	45	1	C32	-130	-
P10	25x25	1200.00	367.50	16.2	10.1	600	-400	100	-300	0.1	-0.3	0.0	-0.9	55	55	100	45	1	C32	-130	-
P11	25x25	1600.00	367.50	21.1	13.6	600	-300	200	-200	0.3	0.0	0.2	-0.8	55	55	100	45	1	C32	-130	-
P12	25x25	2000.00	367.50	24.5	15.7	500	-300	200	-200	0.2	-0.2	0.2	-0.8	55	55	100	45	1	C32	-130	-
P13	25x25	2400.00	367.50	21.1	13.6	500	-400	200	-200	0.1	-0.1	0.2	-0.8	55	55	100	45	1	C32	-130	-
P14	25x25	2800.00	367.50	16.5	10.3	500	-400	300	0	0.4	0.0	0.0	-0.9	55	55	100	45	1	C32	-130	-
P15	25x25	3172.50	367.50	8.7	5.4	500	-300	200	-200	0.0	-0.4	0.1	-0.6	55	55	100	45	1	C32	-130	-
P16	25x25	27.50	32.50	8.6	5.3	400	-500	100	-100	0.3	0.0	0.7	-0.2	55	55	100	45	1	C32	-130	-
P17	25x25	400.00	32.50	16.6	10.4	300	-700	100	-100	0.1	-0.4	0.9	0.0	55	55	100	45	1	C32	-130	-
P18	25x25	800.00	32.50	16.4	10.2	300	-700	100	-300	0.1	-0.3	0.9	0.0	55	55	100	45	1	C32	-130	-
P19	25x25	1200.00	32.50	16.4	10.2	300	-700	100	-100	0.1	-0.1	0.9	0.0	55	55	100	45	1	C32	-130	-
P20	25x25	1600.00	32.50	15.9	10.0	300	-400	200	-100	0.1	-0.2	0.6	0.0	55	55	100	45	1	C32	-130	-
P21	25x25	2000.00	32.50	15.8	10.0	300	-500	200	-200	0.2	-0.2	0.6	0.0	55	55	100	45	1	C32	-130	-
P22	25x25	2400.00	32.50	15.8	10.0	300	-400	200	-200	0.2	0.0	0.6	0.0	55	55	100	45	1	C32	-130	-
P23	25x25	2800.00	32.50	16.6	10.4	300	-500	300	0	0.4	0.0	0.8	0.0	55	55	100	45	1	C32	-130	-
P24	25x25	3172.50	32.50	8.6	5.3	300	-400	200	-200	0.0	-0.4	0.7	0.0	55	55	100	45	1	C32	-130	-

Os esforços indicados nesta tabela são os valores máximos obtidos pela envoltória de todas as combinações definidas para as fundações. Para análises complementares, deve-se consultar o relatório de esforços na fundação, que apresenta os valores calculados para cada combinação.

Estacas			
Simbologia	Nome	d (cm)	Quantidade
	C32	25.00	24

Locação no eixo X	
Coordenadas (cm)	Nome
27.50	P7, P16
400.00	P8, P17
800.00	P9, P18
1200.00	P10, P19
1600.00	P1, P4, P11, P20
2000.00	P2, P5, P12, P21
2400.00	P3, P6, P13, P22
2800.00	P14, P23
3172.50	P15, P24

Locação no eixo Y	
Coordenadas (cm)	Nome
867.00	P1, P2, P3
617.25	P4, P5, P6
367.50	P7, P8, P9, P10, P11, P12, P13, P14, P15
32.50	P16, P17, P18, P19, P20, P21, P22, P23, P24



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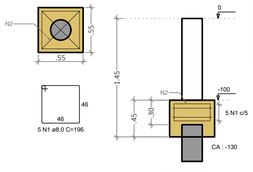
PLANTA
ESC 1:25

LEGENDA DOS BLOCOS

ESC 1:25

CORTE
ESC 1:25



ARMAÇÃO DOS BLOCOS TRECHO C

ESC: INDICADA

RELAÇÃO DO AÇO

24xB24

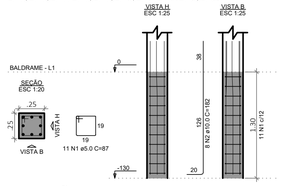
AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	8.0	120	196	23520
	2	8.0	48	178	8544

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	320.6	139.2
PESO TOTAL (kg)			
CA50	139.2		

Volume de concreto (C-25) = 3.09 m³
Área de forma = 23.76 m²

P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P11=P12=P13=P14=P15=P16=P17=P18=P19=P20=P21=P22=P23=P24



RELAÇÃO DO AÇO

24xP1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	264	87	22968
CA50	2	10.0	192	182	34944

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	10.0	349.4	237.13
CA60	5.0	229.7	38.91
PESO TOTAL (kg)			
CA50	148.1		
CA60	24.3		

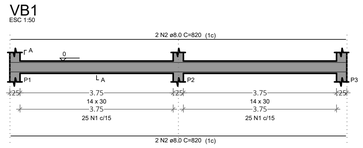
Volume de concreto (C-25) = 1.50 m³
Área de forma = 24.00 m²

ARMAÇÃO DOS PILARES - PAV. CINTAMENTO TRECHO C

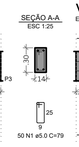
ESC: INDICADA

VB1

ESC 1:50

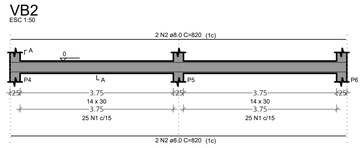


SEÇÃO A-A
ESC 1:25



VB2

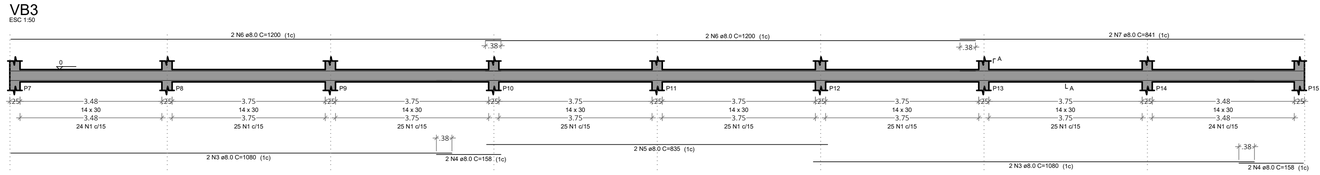
ESC 1:50



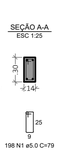
SEÇÃO A-A
ESC 1:25

VB3

ESC 1:50



SEÇÃO A-A
ESC 1:25



RELAÇÃO DO AÇO

VB1 VB2 VB3 VB4 VB5 VB6 VB7 VB8 VB9 VB10 VB11 VB12 VB13

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	775	79	61225
CA50	2	8.0	8	820	6560
	3	8.0	8	1080	8640
	4	8.0	8	158	1264
	5	8.0	4	835	3340
	6	8.0	8	1200	9600
	7	8.0	4	841	3364
	8	8.0	24	355	8520
	9	8.0	12	855	10260

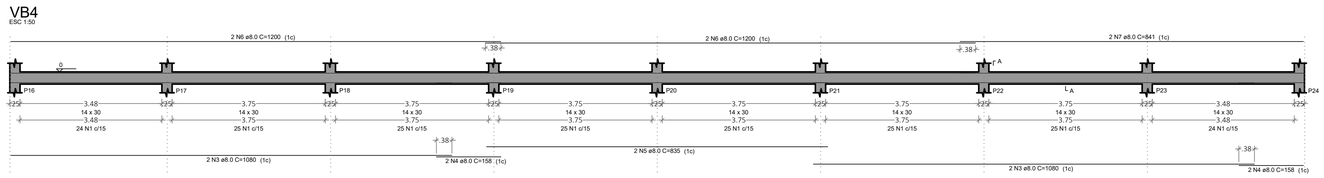
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	515.5	223.7
CA60	5.0	612.3	103.8
PESO TOTAL (kg)			
CA50	223.7		
CA60	103.8		

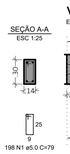
Volume de concreto (C-25) = 4.84 m³
Área de forma = 85.31 m²

VB4

ESC 1:50

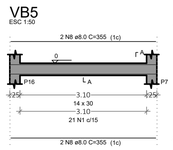


SEÇÃO A-A
ESC 1:25

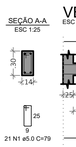


VB5

ESC 1:50

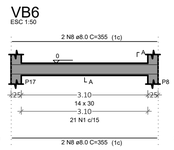


SEÇÃO A-A
ESC 1:25

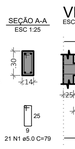


VB6

ESC 1:50

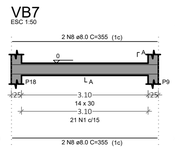


SEÇÃO A-A
ESC 1:25

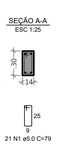


VB7

ESC 1:50

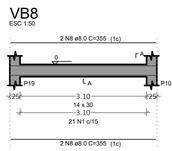


SEÇÃO A-A
ESC 1:25



VB8

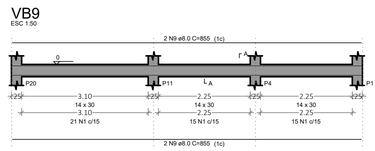
ESC 1:50



SEÇÃO A-A
ESC 1:25

VB9

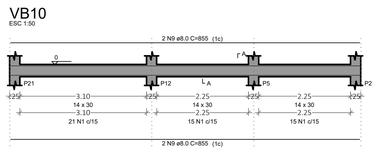
ESC 1:50



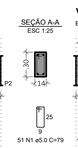
SEÇÃO A-A
ESC 1:25

VB10

ESC 1:50

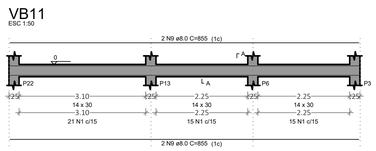


SEÇÃO A-A
ESC 1:25

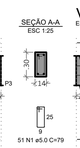


VB11

ESC 1:50

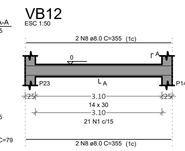


SEÇÃO A-A
ESC 1:25



VB12

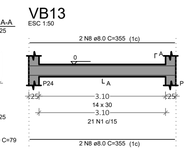
ESC 1:50



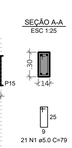
SEÇÃO A-A
ESC 1:25

VB13

ESC 1:50



SEÇÃO A-A
ESC 1:25



ARMAÇÃO DAS VIGAS DO PAVIMENTO CINTAMENTO TRECHOS C

ESC: INDICADA

ANOTAÇÕES

RESPONSAVEL TÉCNICO:

Engº Elizeu Sousa - CREAS/PA 151950334-2

DESENVOLVIMENTO:

Engº Elizeu Sousa - CREAS/PA 151950334-2

ESTRUTURAL

CONTRATANTE: PREFEITURA MUNICIPAL DE LIMOEIRO DO AJURU - PA

CLIENTE: PREFEITURA MUNICIPAL DE LIMOEIRO DO AJURU - PA

ENDEREÇO: RUA MARECHAL RONDO - VILA PINTO S/N

OBRA: PASSARELA ELEVADA EM CONCRETO ARMADO

ASSUNTO:

- PLANTA DE LOCAÇÃO TRECHO C;
- ARMAÇÃO DAS VIGAS PAVIMENTO CINTAMENTO TRECHO C;
- ARMAÇÃO DOS PILARES PAVIMENTO CINTAMENTO TRECHO C;
- ARMAÇÃO DOS BLOCOS TRECHO C;

APROVAÇÃO:

ÁREA TERRENO: ----------m²
ÁREA CONSTRÍDA: 683,30m²
DATA: MAR / 2026
ESCALA: INDICADA
PRANCHA: EST
REVISÃO: R00
04/06

A1 TÉCNICO - 841x594mm