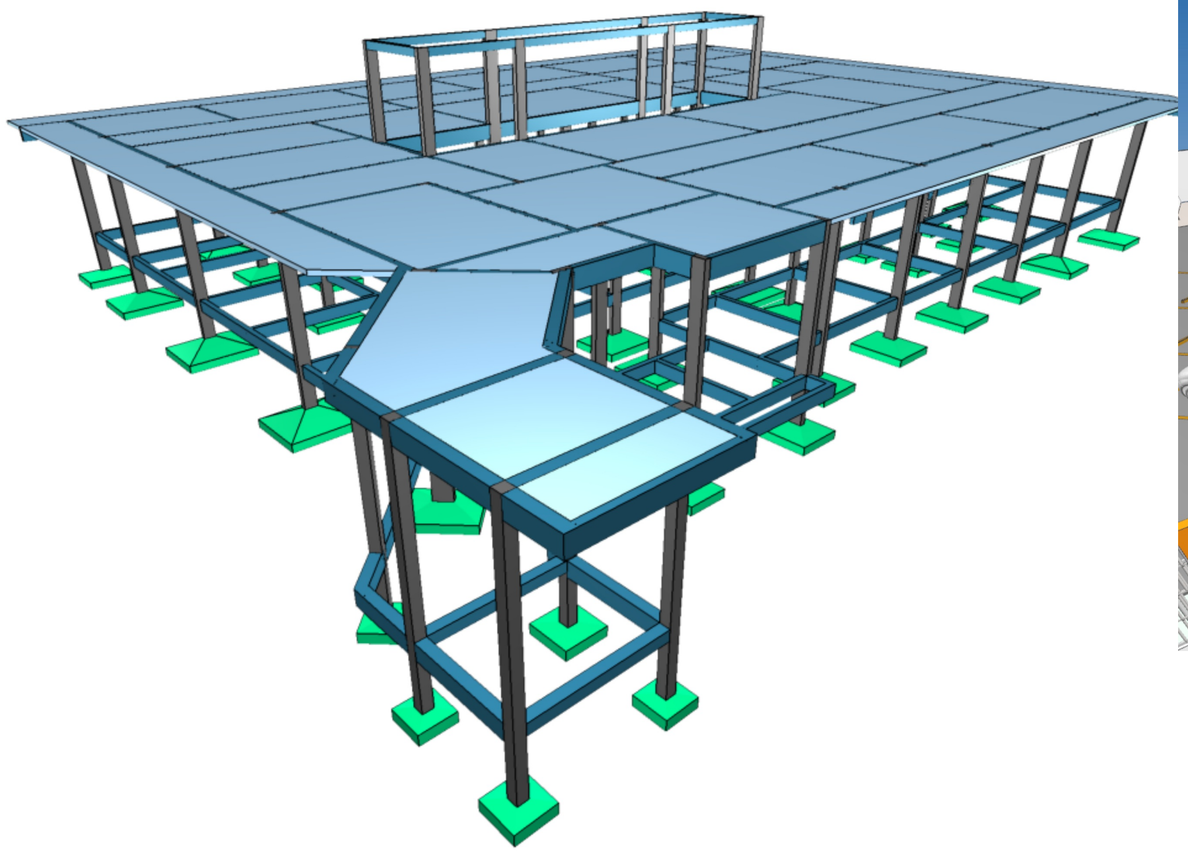
PREFEITURA DE PARINTINS

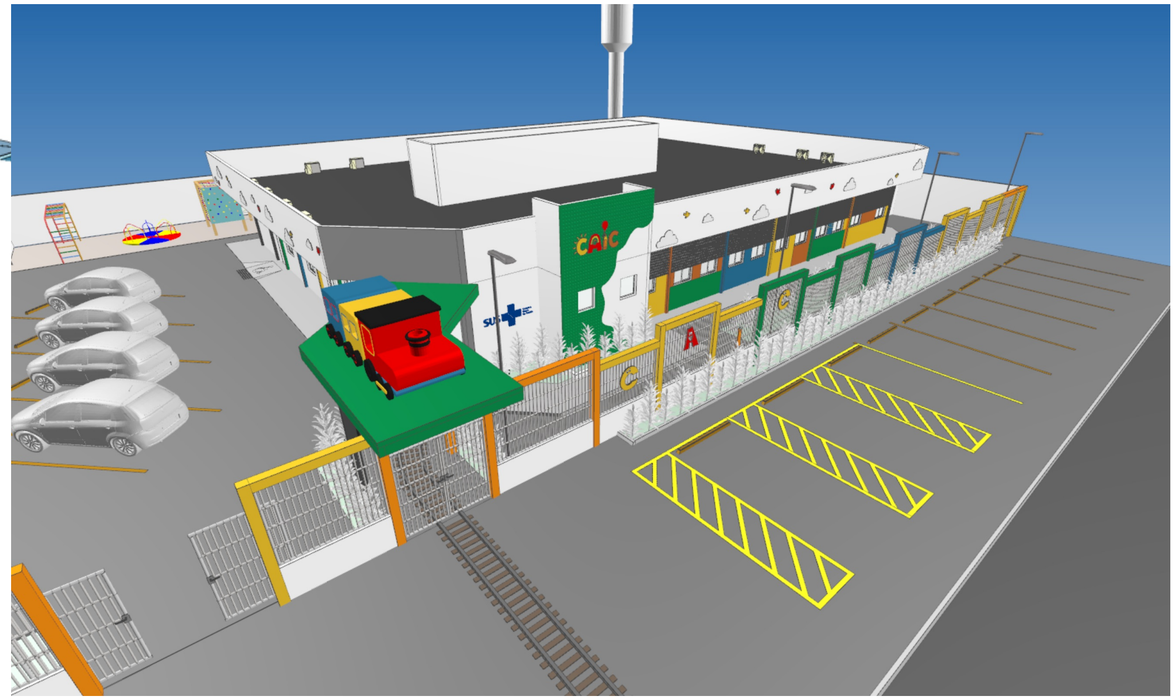
EU AMO PIN

PROJETO ESTRUTURAL

OBJETO: CAIC

LOCAL: PARINTINS/AM





EMISSÕES					
00	Emissão inicial	12/05/2026			
REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.

PREFEITURA MUNICIPAL DE PARINTINS
Secretária Municipal de Projetos de Desenvolvimento

RESP. TÉC.
AUTOR DO PROJETO:

ENG. DIEGO CESAR
CREA 2608913008 AM
Especialista em estruturas de concreto e fundações

MUNICÍPIO/ÁREA:

PARINTINS-AM

SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:

CAIC

DISCIPLINA :

EST

DATA :
MARÇO/2026

ESCALA :
indicada

ARQUIVO :

CAPA

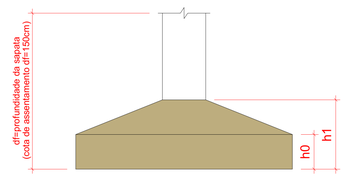
SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

PREFEITURA DE PARINTINS

EU AMO PIN

CABE AO EXECUTOR A DETERMINAÇÃO DA AMARRAÇÃO DA OBRA NO TERRENO

Nome	Pilar Seção (cm)	Carga Máx. (tf)	Carga Mín. (tf)	Nome	Fundação Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	df (cm)
P1	19x19	2.8	2.3	S1	65	65	20	25	150
P2	19x19	3.0	2.5	S2	70	70	20	25	150
P3	19x19	4.6	3.9	S3	85	85	20	25	150
P4	19x19	2.6	2.3	S4	65	65	20	25	150
P5	14x30	9.2	8.6	S5	110	125	20	35	150
P6	14x30	6.5	6.1	S6	95	110	20	30	150
P7	19x19	3.6	3.2	S7	75	75	20	25	150
P8	14x30	13.5	12.3	S8	135	150	20	40	150
P9	14x30	14.1	12.7	S9	135	155	20	45	150
P10	14x30	11.1	10.0	S10	125	145	20	40	150
P11	14x30	12.5	11.4	S11	130	145	20	40	150
P12	14x30	11.6	10.5	S12	125	145	20	40	150
P13	14x30	11.8	10.8	S13	125	145	20	40	150
P14	14x40	4.9	4.4	S14	75	100	20	25	150
P15	14x30	13.0	11.5	S15	135	150	20	40	150
P16	14x40	11.6	10.2	S16	120	145	20	35	150
P17	14x30	10.1	9.1	S17	115	135	20	35	150
P18	14x30	12.3	11.0	S18	130	145	20	40	150
P19	14x30	15.9	14.3	S19	145	165	20	45	150
P20	14x30	12.3	11.1	S20	130	145	20	40	150
P21	14x30	17.7	16.1	S21	155	175	20	50	150
P22	14x30	10.4	9.3	S22	115	135	20	35	150
P23	14x40	12.7	11.3	S23	125	155	20	40	150
P24	14x30	15.3	13.7	S24	145	165	20	45	150
P25	14x30	12.7	11.6	S25	130	145	20	40	150
P26	14x30	9.5	8.4	S26	115	135	20	35	150
P27	14x30	8.7	7.8	S27	110	125	20	35	150
P28	14x30	18.2	16.5	S28	155	175	20	50	150
P29	14x30	11.8	10.7	S29	125	145	20	40	150
P30	14x30	6.9	6.1	S30	95	110	20	30	150
P31	14x30	12.9	11.9	S31	135	150	20	40	150
P32	14x30	11.0	10.2	S32	125	145	20	40	150
P33	14x30	11.4	10.2	S33	125	145	20	40	150
P34	14x30	14.1	12.7	S34	135	155	20	45	150
P35	14x30	14.4	12.4	S35	140	155	20	45	150
P36	14x30	9.2	8.4	S36	110	125	20	35	150
P37	14x30	12.3	11.3	S37	130	145	20	40	150
P38	14x40	13.2	12.2	S38	130	155	20	40	150
P39	14x30	7.7	7.1	S39	100	115	20	30	150
P40	14x30	11.2	10.2	S40	125	145	20	40	150
P41	14x30	17.9	16.3	S41	155	175	20	50	150
P42	14x30	11.5	10.5	S42	125	145	20	40	150
P43	14x30	12.7	11.3	S43	130	145	20	40	150
P44	14x30	15.9	14.2	S44	145	165	20	45	150
P45	14x40	15.4	14.0	S45	140	165	20	45	150
P46	14x40	14.7	13.3	S46	135	165	20	45	150
P47	14x30	12.6	11.3	S47	130	145	20	40	150
P48	14x30	14.2	12.9	S48	140	155	20	45	150
P49	14x30	17.7	15.9	S49	155	175	20	50	150
P50	14x30	19.6	17.9	S50	165	175	20	50	150
P51	14x30	12.7	11.5	S51	130	145	20	40	150
P52	14x30	10.8	9.8	S52	120	135	20	35	150
P53	14x30	12.2	11.0	S53	125	145	20	40	150
P54	14x30	15.4	14.0	S54	145	165	20	45	150
P55	14x30	11.8	10.7	S55	125	145	20	40	150
P56	14x30	15.3	13.9	S56	145	165	20	45	150
P57	14x30	17.0	15.5	S57	150	170	20	50	150
P58	14x30	15.8	14.3	S58	145	165	20	45	150
P59	14x30	14.5	13.2	S59	140	155	20	45	150
P60	14x30	14.4	13.0	S60	140	155	20	45	150
P61	14x30	9.8	8.9	S61	115	135	20	35	150



N°	Descrição	Item	Quantidade	Unidade
1	Concreto	C-25	134.0	m³
2	Forma	Área de forma	1403.5	m²
3	Aço CA60	Ø 5.0 mm	1246.1	kg
4	Aço CA50	Ø 6.3 mm	1505.3	kg
5	Aço CA50	Ø 8.0 mm	2270.7	kg
6	Aço CA50	Ø 10.0 mm	2269.5	kg
7	Aço CA50	Ø 12.5 mm	1985.5	kg

*Os quantitativos dos materiais de capa e armaduras adicionais das lajes pré-moldadas estão considerados no Resumo de Materiais (Moldados in Loco).
**Os quantitativos de aço consideram um acréscimo percentual de 5% para considerar possíveis perdas durante o processo executivo.

Planta de locação
escala 1:50

Notas de projeto:

RESISTÊNCIA DO CONCRETO Fck = 25 MPa

COBRIMENTOS Sapatas = 4,0cm

EMISSÕES

REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.
00	Emissão inicial	12/05/2026			

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. / AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 260087/D06 AM
Especialista em estruturas de concreto e fundações

MUNICÍPIO/ÁREA:
PARINTINS-AM

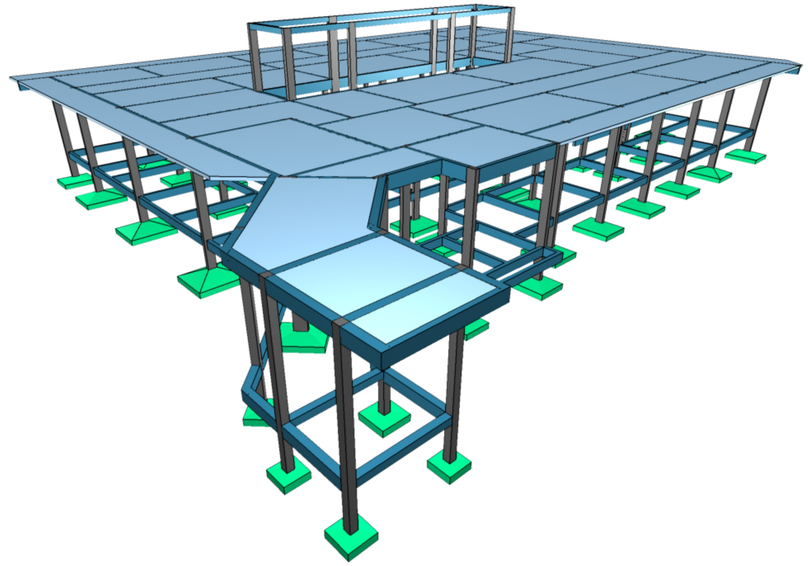
SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:
CAIC

DISCIPLINA:
EST

DATA: MARÇO/2026
ESCALA: indicada
PRANCHA: 1 /15

ARQUIVO:
CAIC PIN-EST-01 PLANTA DE LOCAÇÃO



OBSERVAÇÕES:

Pilar Moldado "in Loco" que continua neste pavimento.

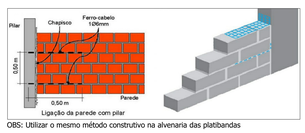
P : Nomenclatura de Pilares.

VB : Nomenclatura de Vigas Baldrame

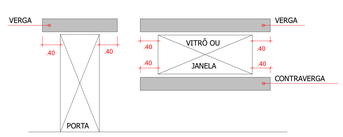
Medidas em centímetros, níveis em metros.
Havendo divergência entre escala e cota, prevalece a cota.
NÃO FAZER ALTERAÇÕES SEM CONTATAR O ENG. CALCULISTA

Forma do pavimento TÉRREO (BALDRAME) (Nível 30)

escala 1:50



OBS: Utilizar o mesmo método construtivo na alvenaria das platibandas



VERGAS E CONTRAVERGAS
s/ escala
OBS.:
- Em todos os vãos de portas, janelas e vitrôs deverão ser executadas vergas e contravergas.
- Recomenda-se ultrapassar 40 cm para cada lado da abertura.

Notas de projeto:

RESISTÊNCIA DO CONCRETO
Fck = 25 MPa

COBRIMENTOS
Vigas = 2.5cm
Pilares = 2.5cm
Lajes = 2.5cm

EMISSÕES

REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.
00	Emissão inicial	12/05/2026			

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2008913008 AM
Especialista em estruturas de concreto e fundações

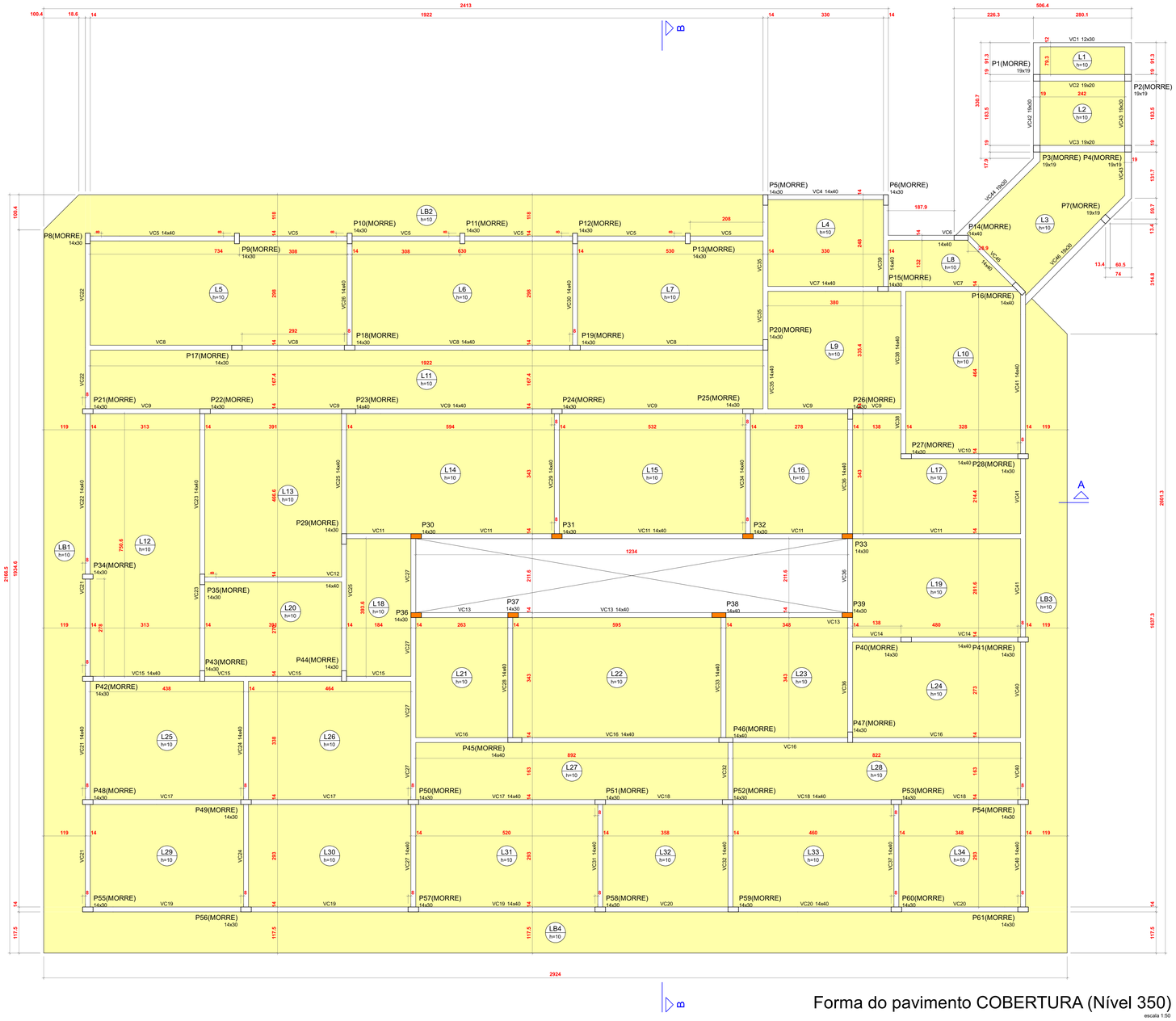
MUNICÍPIO/ÁREA:
PARINTINS-AM

SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:
CAIC

DISCIPLINA:
EST

DATA: MARÇO/2026
ESCALA: indicada
ARQUIVO: CAIC PIN-EST-02 FÓRMA TÉRREO
PRANCHA:
2 /15

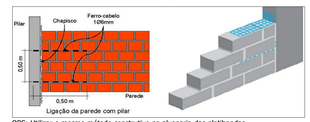


Forma do pavimento COBERTURA (Nível 350)

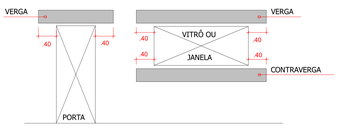
escala 1:50

Lajes								
		Dados				Sobrecarga (kgf/m²)		
Nome	Tipo	Altura (cm)	Elevação (cm)	Nível (cm)	Peso próprio (kgf/m²)	Adicional	Acidental	Localizada
L1	Maciça	10	0	350	250	300	100	-
L2	Maciça	10	0	350	250	300	100	-
L3	Maciça	10	0	350	250	300	100	-
L4	Maciça	10	0	350	250	300	100	-
L5	Maciça	10	0	350	250	300	100	-
L6	Maciça	10	0	350	250	300	100	-
L7	Maciça	10	0	350	250	300	100	-
L8	Maciça	10	0	350	250	300	100	-
L9	Maciça	10	0	350	250	300	100	-
L10	Maciça	10	0	350	250	300	100	-
L11	Maciça	10	0	350	250	300	100	-
L12	Maciça	10	0	350	250	300	100	-
L13	Maciça	10	0	350	250	300	100	-
L14	Maciça	10	0	350	250	300	100	-
L15	Maciça	10	0	350	250	300	100	-
L16	Maciça	10	0	350	250	300	100	-
L17	Maciça	10	0	350	250	300	100	-
L18	Maciça	10	0	350	250	300	100	-
L19	Maciça	10	0	350	250	300	100	-
L20	Maciça	10	0	350	250	300	100	-
L21	Maciça	10	0	350	250	300	100	-
L22	Maciça	10	0	350	250	300	100	-
L23	Maciça	10	0	350	250	300	100	-
L24	Maciça	10	0	350	250	300	100	-
L25	Maciça	10	0	350	250	300	100	-
L26	Maciça	10	0	350	250	300	100	-
L27	Maciça	10	0	350	250	300	100	-
L28	Maciça	10	0	350	250	300	100	-
L29	Maciça	10	0	350	250	300	100	-
L30	Maciça	10	0	350	250	300	100	-
L31	Maciça	10	0	350	250	300	100	-
L32	Maciça	10	0	350	250	300	100	-
L33	Maciça	10	0	350	250	300	100	-
L34	Maciça	10	0	350	250	300	100	-
LB1	Maciça	10	0	350	250	300	100	-
LB2	Maciça	10	0	350	250	300	100	-
LB3	Maciça	10	0	350	250	300	100	-
LB4	Maciça	10	0	350	250	300	100	-

Área de lajes			
Tipo	Altura (cm)	Bloco de Enchimento	Área (m²)
Maciça	10	-	567.81



OBS: Utilizar o mesmo método construtivo na alvenaria das platibandas



VERGAS E CONTRAVERGAS
s/ escala
OBS.:
- Em todos os vãos de portas, janelas e vitrôs deverão ser executadas vergas e contravergas.
- Recomenda-se ultrapassar 40 cm para cada lado da abertura.

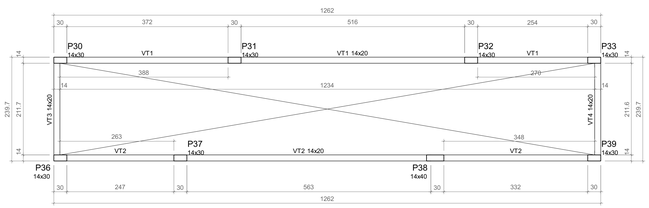
OBSERVAÇÕES:

- Pilar Moldado "In Loco" que continua neste pavimento.
- Pilar Moldado "In Loco" que morre neste pavimento.
- Laje de espessura h=10cm
- Região sem laje

P : Nomenclatura de Pilares.

VC : Nomenclatura de Vigas Cobertura.

Medidas em centímetros, níveis em metros.
Havendo divergência entre escala e cota, prevalece a cota.
NÃO FAZER ALTERAÇÕES SEM CONTATAR O ENG. CALCULISTA



Forma do pavimento TOPO JD. INVERNO (Nível 590)

escala 1:50

Notas de projeto:

RESISTÊNCIA DO CONCRETO Fck = 25 MPa

COBRIMENTOS
Vigas = 2.5cm
Pilares = 2.5cm
Laje = 2.5cm

EMISSÕES					
00	Emissão inicial	12/05/2026			
REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2026973/D AM
Especialista em estruturas de concreto e fundações

MUNICÍPIO/ÁREA:
PARINTINS-AM
SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:
CAIC

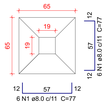
DISCIPLINA: EST

DATA: MARÇO/2026
ESCALA: indicada
ARQUIVO: CAIC PIN-EST-03 FÔRMA COB E TOPO JD

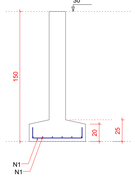
FRANCHA: 3 /15

S1=S4

PLANTA
ESC 1:25

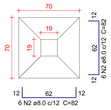


CORTE
ESC 1:25

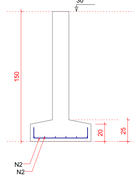


S2

PLANTA
ESC 1:25

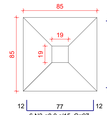


CORTE
ESC 1:25

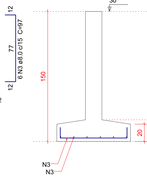


S3

PLANTA
ESC 1:25

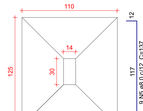


CORTE
ESC 1:25

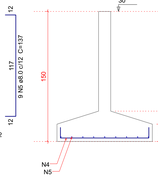


S5=S27=S36

PLANTA
ESC 1:25

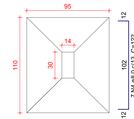


CORTE
ESC 1:25

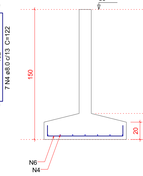


S6=S30

PLANTA
ESC 1:25

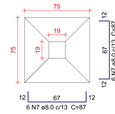


CORTE
ESC 1:25

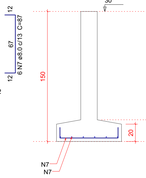


S7

PLANTA
ESC 1:25

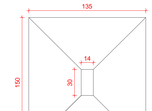


CORTE
ESC 1:25

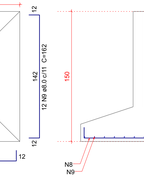


S8=S15=S31

PLANTA
ESC 1:25

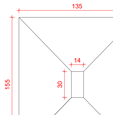


CORTE
ESC 1:25

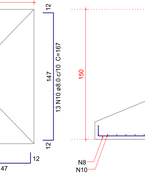


S9=S34

PLANTA
ESC 1:25

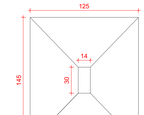


CORTE
ESC 1:25

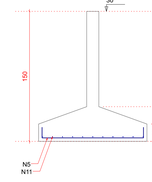


S10=S12=S13=S29=S32=S33=S40=S42=S53=S55

PLANTA
ESC 1:25

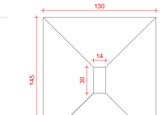


CORTE
ESC 1:25

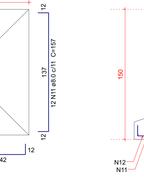


S11=S18=S20=S25=S37=S43=S47=S51

PLANTA
ESC 1:25

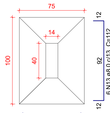


CORTE
ESC 1:25

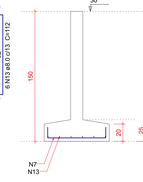


S14

PLANTA
ESC 1:25

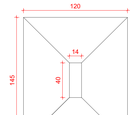


CORTE
ESC 1:25

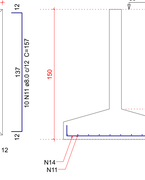


S16

PLANTA
ESC 1:25

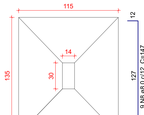


CORTE
ESC 1:25

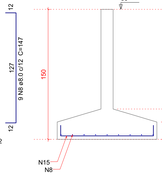


S17=S22=S26=S61

PLANTA
ESC 1:25



CORTE
ESC 1:25



S19=S24=S44=S54=S56=S58

PLANTA
ESC 1:25

CORTE
ESC 1:25

S21=S28=S41=S49

PLANTA
ESC 1:25

CORTE
ESC 1:25

S23

PLANTA
ESC 1:25

CORTE
ESC 1:25

S35=S48=S59=S60

PLANTA
ESC 1:25

CORTE
ESC 1:25

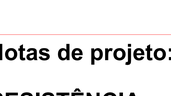
S38

PLANTA
ESC 1:25

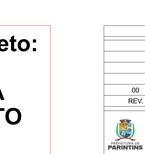
CORTE
ESC 1:25

S39

PLANTA
ESC 1:25



CORTE
ESC 1:25



S45

PLANTA
ESC 1:25

CORTE
ESC 1:25

S46

PLANTA
ESC 1:25

CORTE
ESC 1:25

S50

PLANTA
ESC 1:25

CORTE
ESC 1:25

S52

PLANTA
ESC 1:25

CORTE
ESC 1:25

S57

PLANTA
ESC 1:25

CORTE
ESC 1:25

Relação do aço

2x51	S2	S3
S7	3xS8	8xS11
10xS13	S14	S16
4xS17	6xS19	S23
4xS28	2xS30	2xS34
4xS35	3xS36	S38
S39	S45	S46
S50	S52	S57

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	8.0	24	77	1848
	2	8.0	12	82	984
	3	8.0	12	97	1164
	4	8.0	44	122	5368
	5	8.0	182	137	24934
	6	8.0	16	107	1712
	7	8.0	19	87	1653
	8	8.0	133	147	19551
	9	8.0	36	162	5832
	10	8.0	105	167	17535
	11	8.0	312	157	48984
	12	8.0	127	142	18034
	13	8.0	15	112	1680
	14	8.0	24	132	3168
	15	8.0	52	127	6604
	16	8.0	111	177	19647
	17	8.0	78	152	11856
	18	8.0	16	182	2912
	19	10.0	48	166	7968
	20	10.0	51	186	9486
	21	10.0	12	176	2112
	22	10.0	12	161	1932

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	8.0	1934.7	170	801.6
	10.0	215	19	139.2

PESO TOTAL (kg)	
CA50	940.7

Volume de concreto (C-25) = 31.65 m³
Área de forma = 65.08 m²

OBS: PROJETO DE FUNDAÇÕES CONSIDEROU: TENSÃO ADMISSÍVEL DO SOLO DE 1 kg/cm2. SOLO COMPACTADO SOBRE A SAPATA E PESO ESPECÍFICO DE 1800 kgf/cm² TAL PREMISSA DEVE SER VERIFICADA E CALCULADA PARA CADA OBRA DE ACORDO COM O ESTUDO DE SONDAGEM DO SOLO.

SOMENTE EXECUTAR A FUNDAÇÃO DESTE EMPREENDIMENTO APÓS O ESTUDO DO SOLO, COM NO MÍNIMO O ENSAIO DE SONDAGEM TIPO SPT E A CONCLUSÃO DO DIMENSIONAMENTO DAS FUNDAÇÕES PELO ENGENHEIRO CALCULISTA RESPONSÁVEL PELA ELABORAÇÃO DO PROJETO AUTORIZANDO SUA EXECUÇÃO. VALE RESSALTAR QUE CADA SOLO E/OU REGIÃO EXISTE UM PERFIL GEOTÉCNICO DIFERENTE, O QUE OBRIGA QUE A FUNDAÇÃO SEJA RECALCULADA PARA EVITAR FUTURAS PATOLOGIAS E PROBLEMAS CONSTRUTIVOS, ALÉM DE UMA POSSÍVEL DIFERENÇA DE CUSTO SIGNIFICATIVA.

Notas de projeto:

RESISTÊNCIA DO CONCRETO
Fck = 25 MPa

COBRIMENTOS
Sapatas = 4.0cm

EMISSÕES

REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.
00	Emissão inicial	12/05/2026			

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2609913008 AM
Especialista em estruturas de concreto e fundações

MUNICÍPIO/ÁREA:
PARINTINS-AM

SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:
CAIC

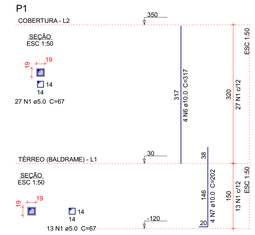
DISCIPLINA:
EST

DATA: MARÇO/2026
ESCALA: indicada

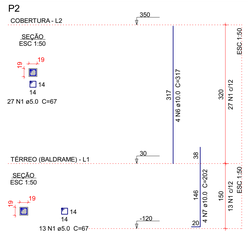
ARQUIVO:
CAIC PIN-EST-04 ARMAÇÃO FUNDAÇÃO

FRANCHA:
4 /15

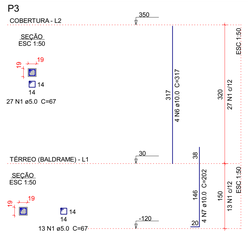
P1



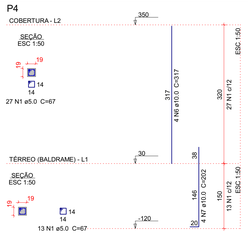
P2



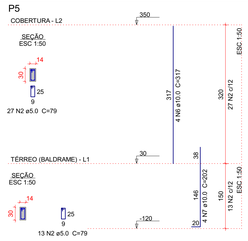
P3



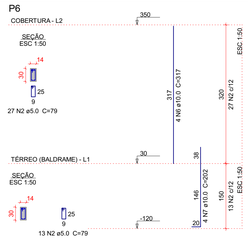
P4



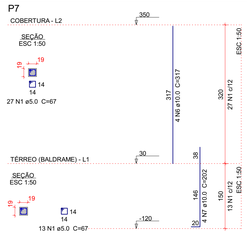
P5



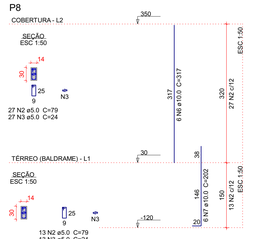
P6



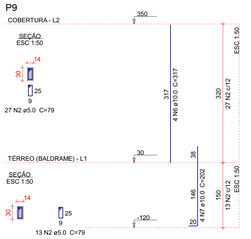
P7



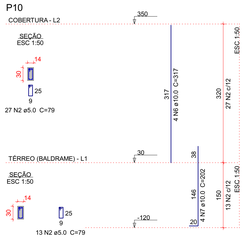
P8



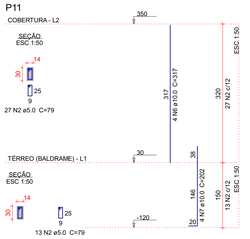
P9



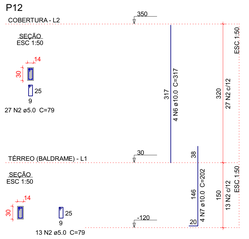
P10



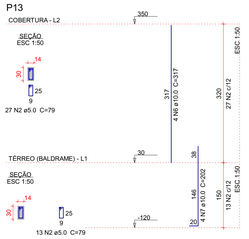
P11



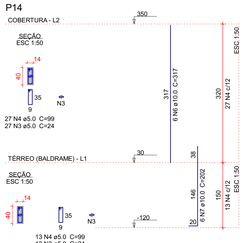
P12



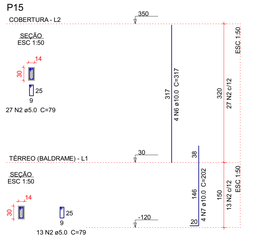
P13



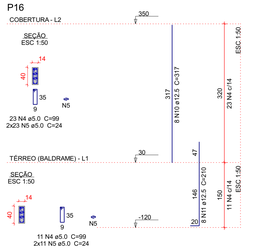
P14



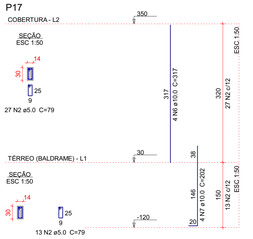
P15



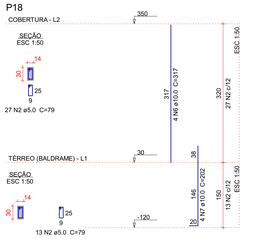
P16



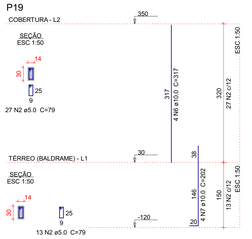
P17



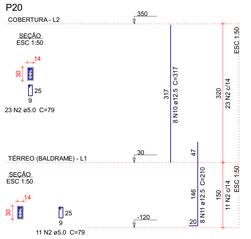
P18



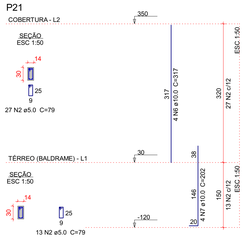
P19



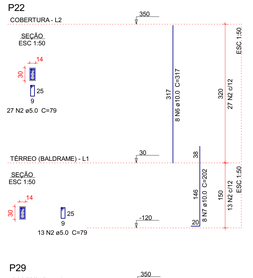
P20



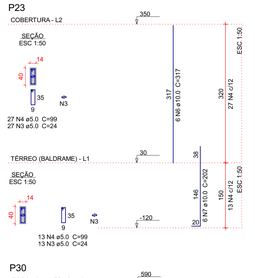
P21



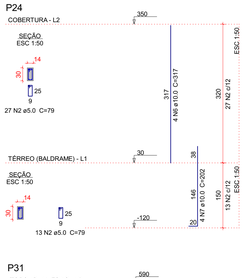
P22



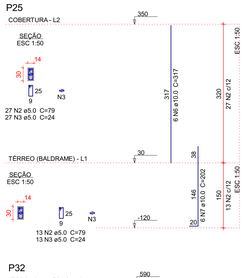
P23



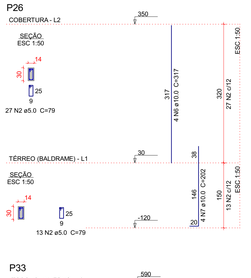
P24



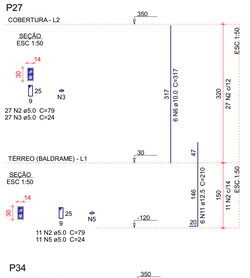
P25



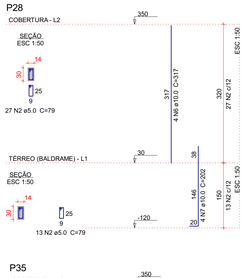
P26



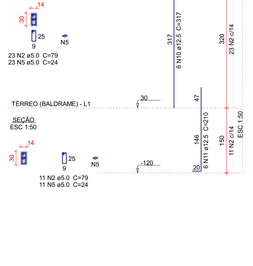
P27



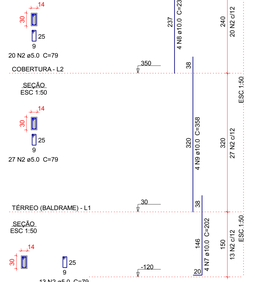
P28



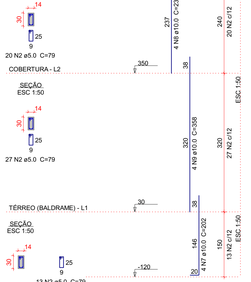
P29



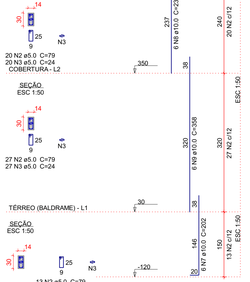
P30



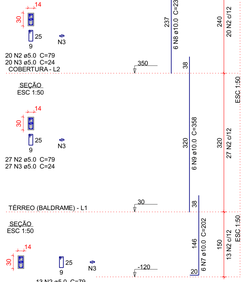
P31



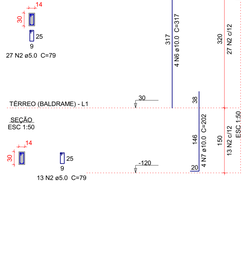
P32



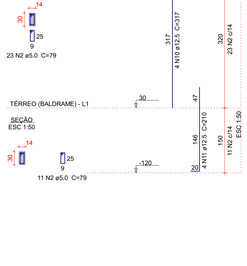
P33



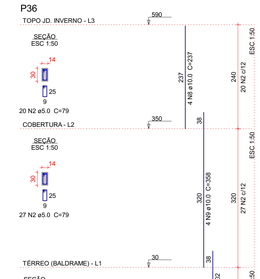
P34



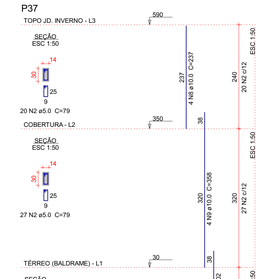
P35



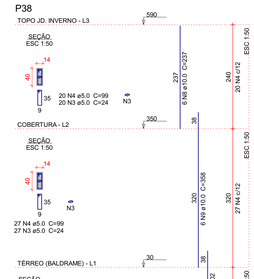
P36



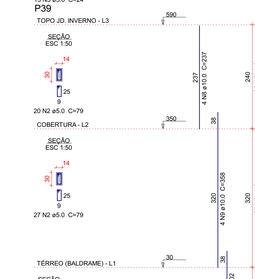
P37



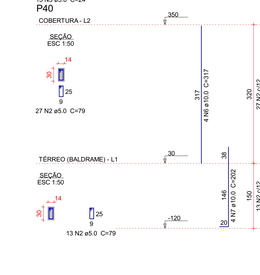
P38



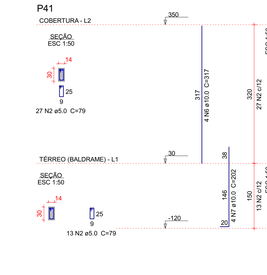
P39



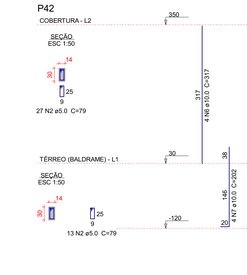
P40



P41



P42



Relação do aço

COBERTURA:	P1	P2	
	P3	P4	
	P5	P6	
	P7	P8	
	P9	P10	
	P11	P12	
	P13	P14	
	P15	P16	
	P17	P18	
	P19	P20	
	P21	P22	
	P23	P24	
	P25	P26	
	P27	P28	
	P29	P34	
	P35	P40	
	P41	P42	
TOPO JD. INVERNO	P30	P31	
	P32	P33	
	P36	P37	
	P38	P39	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	200	67	13400
	2	5.0	1440	79	113760
	3	5.0	367	24	8808
	4	5.0	174	99	17226
	5	5.0	113	24	2712
CA50	6	10.0	134	317	42478
	7	10.0	166	202	33532
	8	10.0	38	237	9006
	9	10.0	38	358	13604
	10	12.5	26	317	8242
	11	12.5	32	210	6720

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	10.0	996.2	87	638.4
	12.5	149.7	14	151.3
CA60	5.0	1559.1	137	252.3

PESO TOTAL (kg)	
CA50	789.8
CA60	252.3

Volume de concreto (C-25) = 8.58 m³
Área de forma = 177.99 m²

EMISSÕES					
00	Emissão inicial	12/05/2026			
REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2630951939/D AM
Especialista em estruturas de concreto e fundações

MUNICÍPIO/ÁREA:
PARINTINS-AM
SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

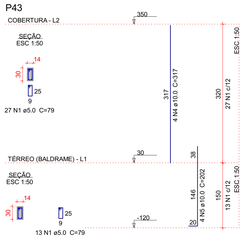
TÍTULO:
CAIC

DISCIPLINA:
EST

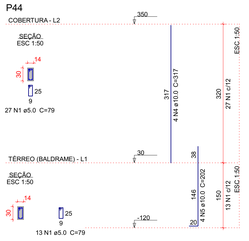
DATA: MARÇO/2026
ESCALA: indicada
PRANCHA: 5 /15

ARQUIVO:
CAIC PIN-EST-05 ARMAÇÃO PILARES_FL 1 de 2

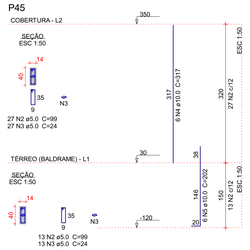
P43



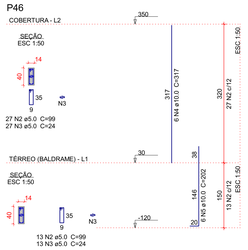
P44



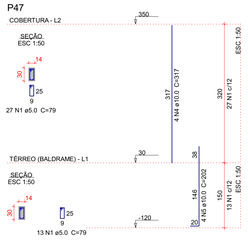
P45



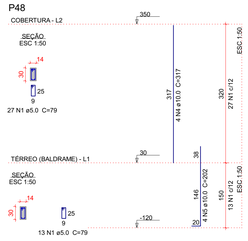
P46



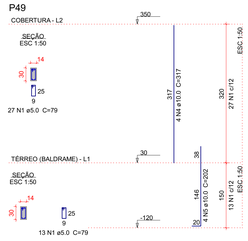
P47



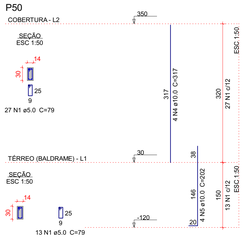
P48



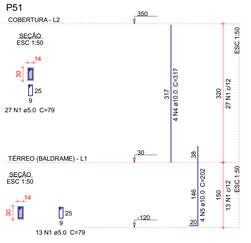
P49



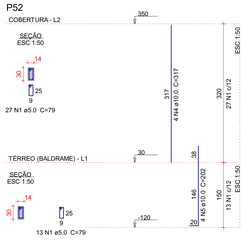
P50



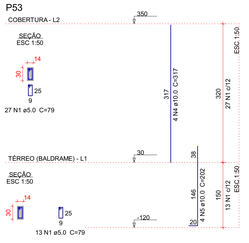
P51



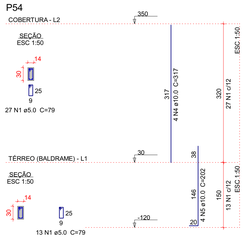
P52



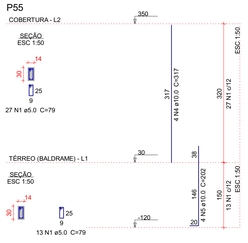
P53



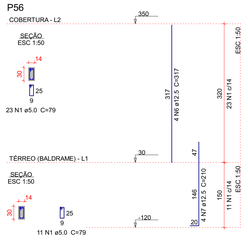
P54



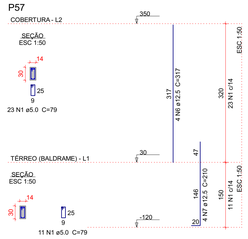
P55



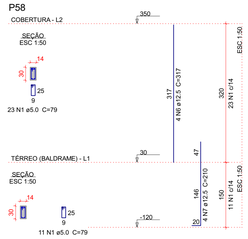
P56



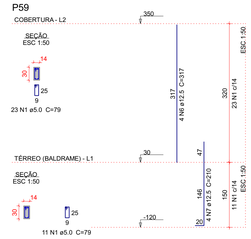
P57



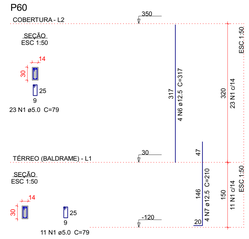
P58



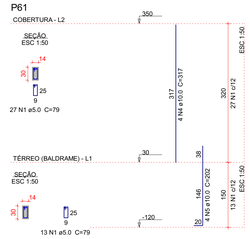
P59



P60



P61



Relação do aço

P43	P44	P45
P46	P47	P48
P49	P50	P51
P52	P53	P54
P55	P56	P57
P58	P59	P60
P61		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	650	79	51350
	2	5.0	80	99	7920
	3	5.0	80	24	1920
CA50	4	10.0	60	317	19020
	5	10.0	60	202	12120
	6	12.5	20	317	6340
	7	12.5	20	210	4200

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	10.0	311.4	28	201.6
	12.5	105.4	10	106.6
CA60	5.0	611.9	54	99
PESO TOTAL (kg)				
CA50	308.2			
CA60	99			

Volume de concreto (C-25) = 3.52 m³
Área de forma = 73.02 m²

EMISSÕES					
00	Emissão inicial	12/05/2026			
REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2608913008 AM
Especialista em estruturas de concreto e fundações

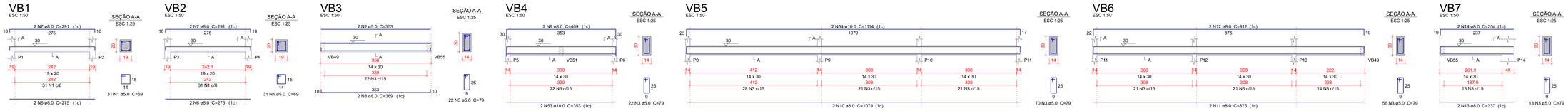
MUNICÍPIO/ÁREA:
PARINTINS-AM

SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:
CAIC

DISCIPLINA:
EST

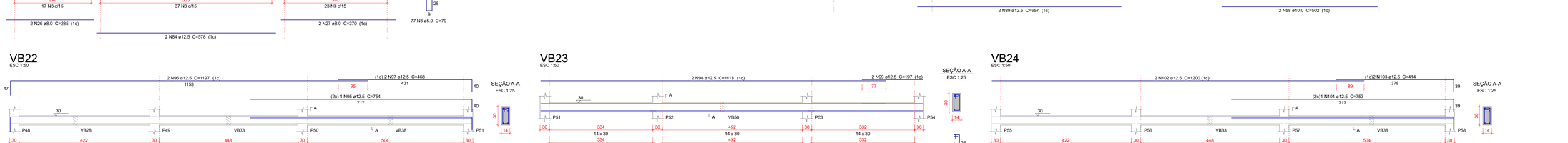
DATA: MARÇO/2026
ESCALA: indicada
ARQUIVO: CAIC PIN-EST-06 ARMAÇÃO PILARES_FL 2 de 2
PRANCHA: 6 /15

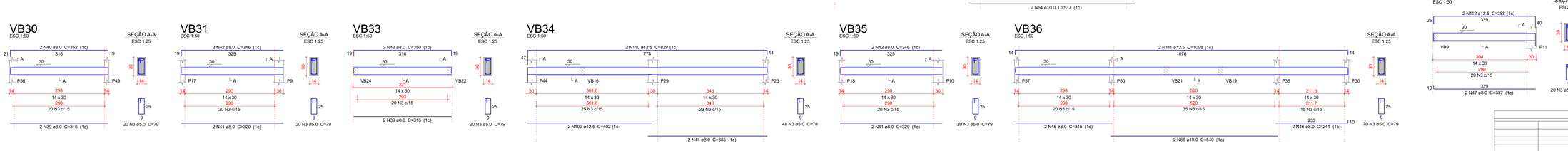


Relação do aço

VB1	VB2	VB3
VB4	VB5	VB6
VB7	VB8	VB9
VB10	VB11	VB12
VB13	VB14	VB15
VB16	VB17	VB18
VB19	VB20	VB21
VB22	VB23	VB24
VB25	VB26	VB27
VB28	VB29	VB30
VB31	VB32	VB33
VB34	VB35	VB36
VB37	VB38	VB39
VB40	VB41	VB42
VB43	VB44	VB45

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	62	69	4278
	2	5.0	2	353	706
	3	5.0	1766	79	139514
	4	5.0	23	75	1725
	5	6.3	1	109	109
CA50	6	8.0	4	275	1100
	7	8.0	4	291	1164
	8	8.0	2	369	738
	9	8.0	2	409	818
	10	8.0	2	1079	2158
	11	8.0	2	875	1750
	12	8.0	2	912	1824
	13	8.0	2	237	474
	14	8.0	2	254	508
	15	8.0	2	748	1496
	16	8.0	2	847	1694
	17	8.0	4	292	1168
	18	8.0	8	359	2872
	19	8.0	2	410	820
	20	8.0	2	385	770
	21	8.0	2	344	688
	22	8.0	2	361	722
	23	8.0	2	448	896
	24	8.0	2	213	426
	25	8.0	2	245	490
	26	8.0	2	285	570
	27	8.0	6	370	2220
	28	8.0	2	214	428
	29	8.0	2	293	586
	30	8.0	2	348	696
	31	8.0	2	189	378
	32	8.0	2	221	442
	33	8.0	2	372	744
	34	8.0	2	460	920
	35	8.0	2	388	776
	36	8.0	2	960	1920
	37	8.0	2	500	1000
	38	8.0	2	389	778
	39	8.0	8	316	2528
	40	8.0	2	352	704
	41	8.0	6	329	1974
	42	8.0	4	346	2076
	43	8.0	4	350	1400
	44	8.0	2	385	770
	45	8.0	2	315	630
	46	8.0	2	241	482
	47	8.0	4	337	1348
	48	8.0	4	366	1464
	49	8.0	2	414	828
	50	8.0	2	412	824
	51	8.0	2	351	702
	52	8.0	4	400	1600
	53	10.0	4	353	1412
	54	10.0	2	1114	2228
	55	10.0	2	870	1740
	56	10.0	2	351	702
	57	10.0	2	748	1496
	58	10.0	2	502	1004
	59	10.0	2	523	1046
	60	10.0	2	527	1054
	61	10.0	2	468	936
	62	10.0	2	456	912
	63	10.0	2	985	1970
	64	10.0	2	537	1074
	65	10.0	2	301	602
	66	10.0	2	540	1080
	67	10.0	4	366	1464
	68	10.0	2	361	722
	69	12.5	2	375	750
	70	12.5	2	1070	2140
	71	12.5	2	200	400
	72	12.5	1	470	470
	73	12.5	1	1014	1014
	74	12.5	2	1197	2394
	75	12.5	2	888	1776
	76	12.5	2	556	1112
	77	12.5	1	730	730
	78	12.5	2	902	1804
	79	12.5	2	541	1082
	80	12.5	1	841	841
	81	12.5	1	1137	1137
	82	12.5	2	209	418
	83	12.5	2	438	876
	84	12.5	2	578	1156
	85	12.5	1	390	390
	86	12.5	1	883	883
	87	12.5	2	212	424
	88	12.5	2	969	1938
	89	12.5	2	657	1314
	90	12.5	2	1051	2102
	91	12.5	2	1198	2396
	92	12.5	2	674	1348
	93	12.5	2	497	994
	94	12.5	2	579	1158
	95	12.5	1	754	754
	96	12.5	2	1197	2394
	97	12.5	2	468	936
	98	12.5	4	1113	4452
	99	12.5	2	197	394
	100	12.5	2	544	1088
	101	12.5	1	753	753
	102	12.5	2	1200	2400
	103	12.5	2	414	828
	104	12.5	2	211	422
	105	12.5	1	335	335
	106	12.5	2	1045	2090
	107	12.5	2	385	770
	108	12.5	2	312	624
	109	12.5	2	402	804
	110	12.5	2	829	1658
	111	12.5	2	1098	2196
	112	12.5	2	388	776





Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	6.3	1.1	1	0.3
	8.0	513.7	45	212.8
	10.0	194.5	18	125.9
	12.5	581.4	51	568
CA60	5.0	1492.3	128	236.6
PESO TOTAL (kg)				
CA50	927			
CA60	236.6			

Volume de concreto (C-25) = 11.28 m³
Área de forma = 198.66 m²

EMISSÕES					
00	Emissão inicial	12/05/2026			
REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2610971/D/SP AM
Especialista em estruturas de concreto e fundações

MUNICÍPIO/ÁREA:
PARINTINS-AM

SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

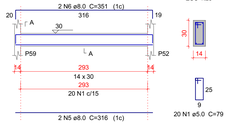
TÍTULO:
CAIC

DISCIPLINA:
EST

DATA: MARÇO/2026
ESCALA: Indicada
PRANCHA: 7 /15

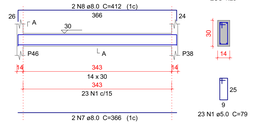
ARQUIVO:
CAIC PIN-EST-07 ARM. VIGAS TERREO_FL 1 de 2

VB46
ESC 1:50



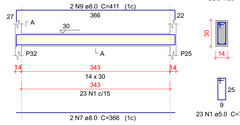
SEÇÃO A-A
ESC 1:25

VB47
ESC 1:50



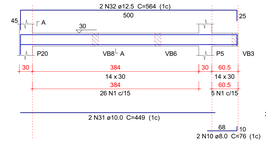
SEÇÃO A-A
ESC 1:25

VB48
ESC 1:50



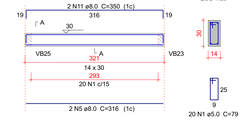
SEÇÃO A-A
ESC 1:25

VB49
ESC 1:50



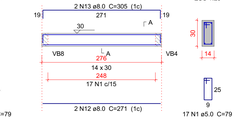
SEÇÃO A-A
ESC 1:25

VB50
ESC 1:50



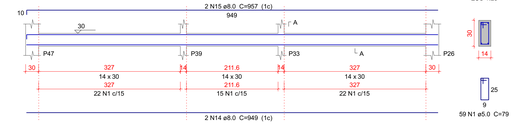
SEÇÃO A-A
ESC 1:25

VB51
ESC 1:50



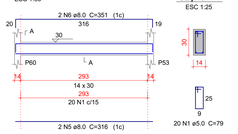
SEÇÃO A-A
ESC 1:25

VB52
ESC 1:50



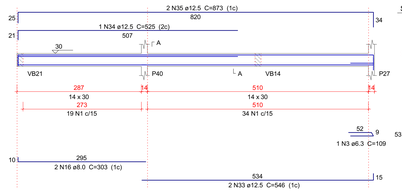
SEÇÃO A-A
ESC 1:25

VB53
ESC 1:50



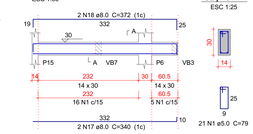
SEÇÃO A-A
ESC 1:25

VB54
ESC 1:50



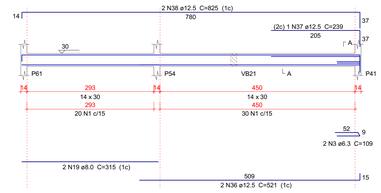
SEÇÃO A-A
ESC 1:25

VB55
ESC 1:50



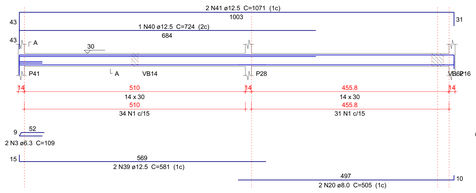
SEÇÃO A-A
ESC 1:25

VB56
ESC 1:50



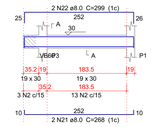
SEÇÃO A-A
ESC 1:25

VB57
ESC 1:50

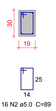


SEÇÃO A-A
ESC 1:25

VB58
ESC 1:50



SEÇÃO A-A
ESC 1:25



VB59
ESC 1:50

SEÇÃO A-A
ESC 1:25

VB60
ESC 1:50

SEÇÃO A-A
ESC 1:25

VB61
ESC 1:50

SEÇÃO A-A
ESC 1:25

VB62
ESC 1:50

SEÇÃO A-A
ESC 1:25

Relação do aço

VB46	VB47	VB48
VB49	VB50	VB51
VB52	VB53	VB54
VB55	VB56	VB57
VB58	VB59	VB60
VB61	VB62	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	416	79	32864
	2	5.0	96	89	7654
CA50	3	6.3	5	109	545
	4	6.3	1	107	107
	5	8.0	6	316	1896
	6	8.0	4	351	1404
	7	8.0	4	366	1464
	8	8.0	2	412	824
	9	8.0	2	411	822
	10	8.0	2	76	152
	11	8.0	2	350	700
	12	8.0	2	271	542
	13	8.0	2	305	610
	14	8.0	2	949	1898
	15	8.0	2	957	1914
	16	8.0	2	303	606
	17	8.0	2	340	680
	18	8.0	2	372	744
	19	8.0	2	315	630
	20	8.0	2	505	1010
	21	8.0	2	268	536
	22	8.0	2	299	598
	23	8.0	2	366	732
	24	8.0	2	405	810
	25	8.0	2	335	670
	26	8.0	2	382	764
	27	8.0	2	238	476
	28	8.0	2	247	494
	29	8.0	2	454	908
	30	8.0	2	492	984
	31	10.0	2	449	898
	32	12.5	2	564	1128
	33	12.5	2	546	1092
	34	12.5	1	525	525
	35	12.5	2	873	1746
	36	12.5	2	521	1042
	37	12.5	1	239	239
	38	12.5	2	825	1650
	39	12.5	2	581	1162
	40	12.5	1	724	724
	41	12.5	2	1071	2142

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	6.3	6.6	1	1.7
	8.0	228.7	21	94.7
	10.0	9	1	5.8
	12.5	114.5	11	115.8
CA60	5.0	405.2	36	65.6

PESO TOTAL (kg)	
CA50	218.1
CA60	65.6

Volume de concreto (C-25) = 3.29 m³
Área de forma = 55.2 m²

EMISSÕES					
00	Emissão inicial	12/05/2026			
REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2608913008 AM
Especialista em estruturas de concreto e fundações

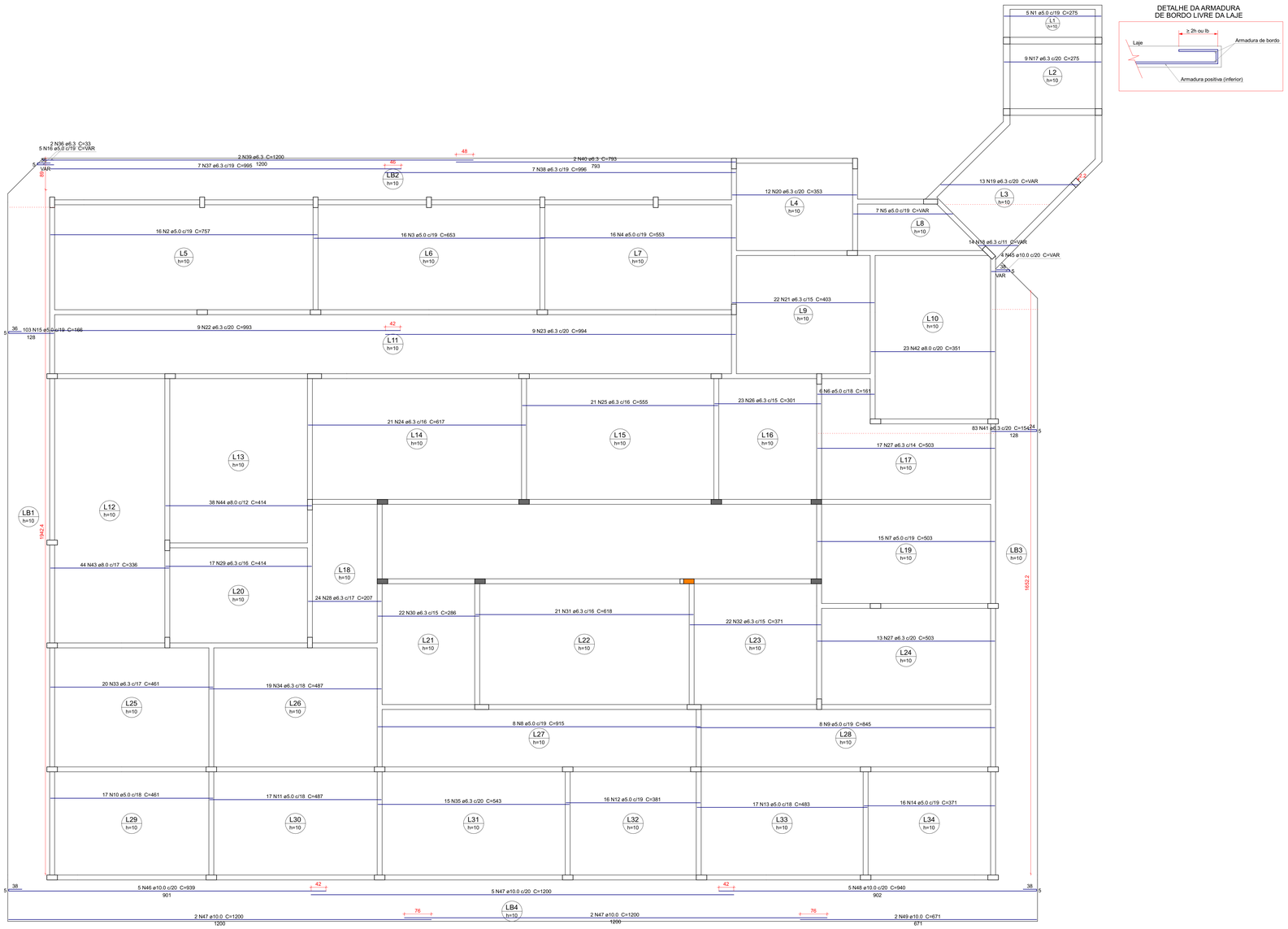
MUNICÍPIO/ÁREA:
PARINTINS-AM

SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:
CAIC

DISCIPLINA:
EST

DATA: MARÇO/2026
ESCALA: indicada
ARQUIVO: CAIC PIN-EST-08 ARM. VIGAS TERREO_FL 2 de 2
PRANCHA:
8 /15



Armação positiva das lajes do pavimento COBERTURA (Eixo X)

escala 1:50

Relação do aço

Positivos X

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	5	275	1375
	2	5.0	16	757	12112
	3	5.0	16	653	10448
	4	5.0	16	553	8848
	5	5.0	7	VAR	VAR
	6	5.0	6	161	966
	7	5.0	15	503	7545
	8	5.0	8	915	7320
	9	5.0	8	845	6760
	10	5.0	17	461	7837
	11	5.0	17	487	8279
	12	5.0	16	381	6096
	13	5.0	17	483	8211
	14	5.0	16	371	5936
	15	5.0	103	166	17098
	16	5.0	5	VAR	VAR
CA50	17	6.3	9	275	2475
	18	6.3	14	VAR	VAR
	19	6.3	13	VAR	VAR
	20	6.3	12	353	4236
	21	6.3	22	403	8866
	22	6.3	9	993	8937
	23	6.3	9	994	8946
	24	6.3	21	617	12957
	25	6.3	21	555	11655
	26	6.3	23	301	6923
	27	6.3	30	503	15090
	28	6.3	24	207	4968
	29	6.3	17	414	7038
	30	6.3	22	286	6292
	31	6.3	21	618	12978
	32	6.3	22	371	8162
	33	6.3	20	461	9220
	34	6.3	19	487	9253
	35	6.3	15	543	8145
	36	6.3	2	33	66
	37	6.3	7	995	6965
	38	6.3	7	996	6972
	39	6.3	2	1200	2400
	40	6.3	2	793	1586
	41	6.3	83	154	12782
	42	8.0	23	351	8073
	43	8.0	44	336	14784
	44	8.0	38	414	15732
	45	10.0	4	VAR	VAR
	46	10.0	5	939	4695
	47	10.0	9	1200	10800
	48	10.0	5	940	4700
	49	10.0	2	671	1342

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	6.3	1835.4	161	471.6
	8.0	385.9	34	159.9
	10.0	219	20	141.8
CA60	5.0	1112.2	98	180
PESO TOTAL (kg)				
CA50	773.2			
CA60	180			

Volume de concreto (C-25) = 56.67 m³
Área de forma = 575.68 m²

EMISSÕES					
00	Emissão inicial	12/05/2026			
REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 250937/D-DF AM
Especialista em estruturas de concreto e fundações

MUNICÍPIO/ÁREA:
PARINTINS-AM
SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

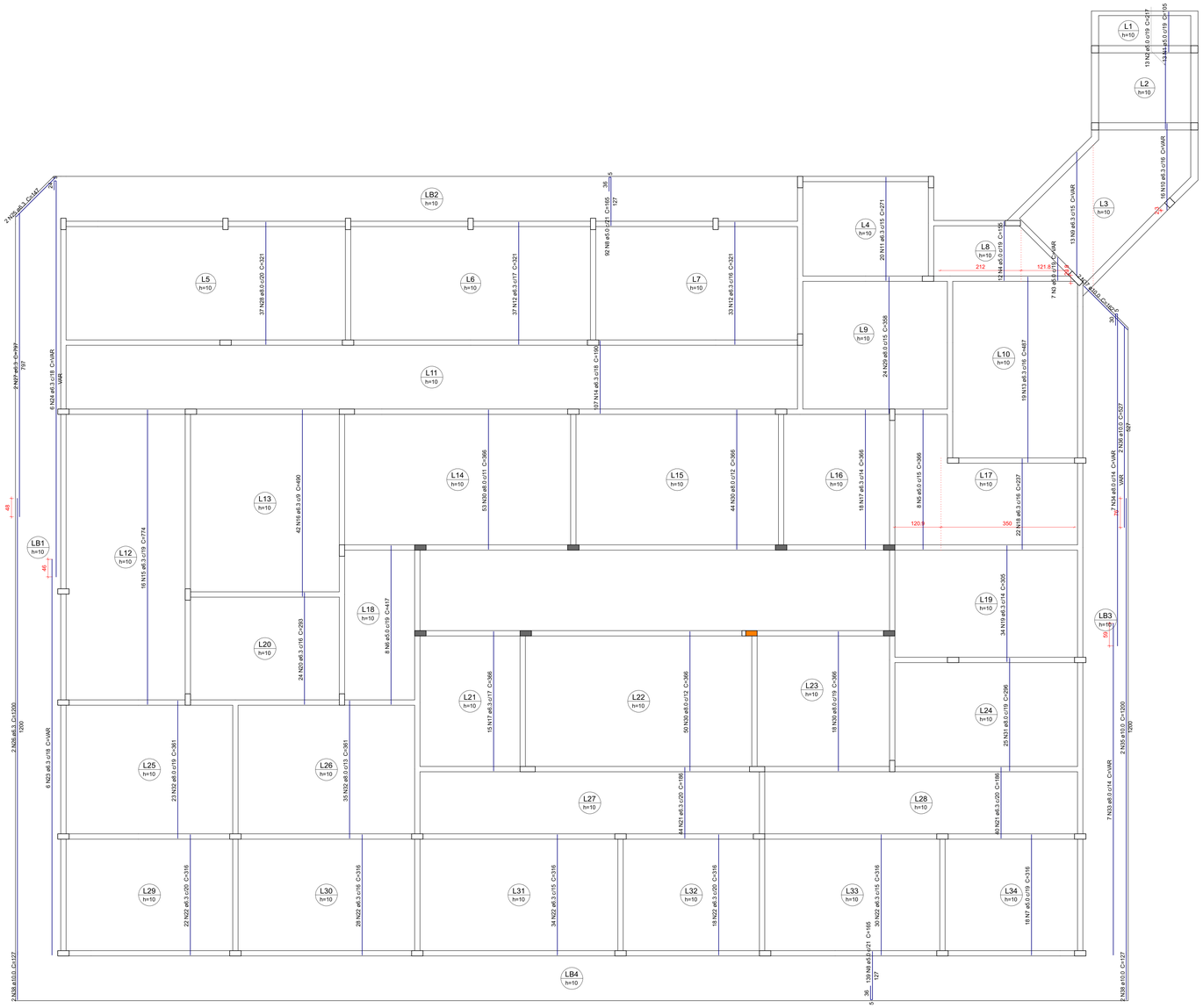
TÍTULO:
CAIC

DISCIPLINA:
EST

DATA: MARÇO/2026
ESCALA: indicada

ARQUIVO:
CAIC PIN-EST-09 ARM. POSITIVA HORIZONTAL

FRANCHA:
9 /15



DETALHE DA ARMADURA DE BORDO LIVRE DA LAJE

Relação do aço

Positivos Y

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	13	105	1365
	2	5.0	13	217	2821
	3	5.0	7	VAR	VAR
	4	5.0	12	155	1860
	5	5.0	8	366	2928
	6	5.0	8	417	3336
	7	5.0	18	316	5688
	8	5.0	231	165	38115
CA50	9	6.3	13	VAR	VAR
	10	6.3	16	VAR	VAR
	11	6.3	20	271	5420
	12	6.3	70	321	22470
	13	6.3	19	487	9253
	14	6.3	107	190	20330
	15	6.3	16	774	12384
	16	6.3	42	490	20580
	17	6.3	33	366	12078
	18	6.3	22	237	5214
	19	6.3	34	305	10370
	20	6.3	24	293	7032
	21	6.3	84	186	15624
	22	6.3	132	316	41712
	23	6.3	6	VAR	VAR
	24	6.3	6	VAR	VAR
	25	6.3	2	147	294
	26	6.3	2	1200	2400
	27	6.3	2	797	1594
	28	8.0	37	321	11877
	29	8.0	24	358	8592
	30	8.0	165	366	60390
	31	8.0	25	296	7400
	32	8.0	58	361	20938
	33	8.0	7	VAR	VAR
	34	8.0	7	VAR	VAR
	35	10.0	2	1200	2400
	36	10.0	2	527	1054
	37	10.0	2	162	324
	38	10.0	4	127	508

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	6.3	2072.3	182	532.4
	8.0	1216.3	107	503.9
	10.0	42.9	4	27.7
CA60	5.0	565.4	50	91.5

PESO TOTAL (kg)	
CA50	1064.1
CA60	91.5

Armação positiva das lajes do pavimento COBERTURA (Eixo Y)

escala 1:50

EMISSÕES

REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.
00	Emissão inicial	12/05/2026			

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2608913008 AM
Especialista em estruturas de concreto e fundações

MUNICÍPIO/ÁREA:
PARINTINS-AM

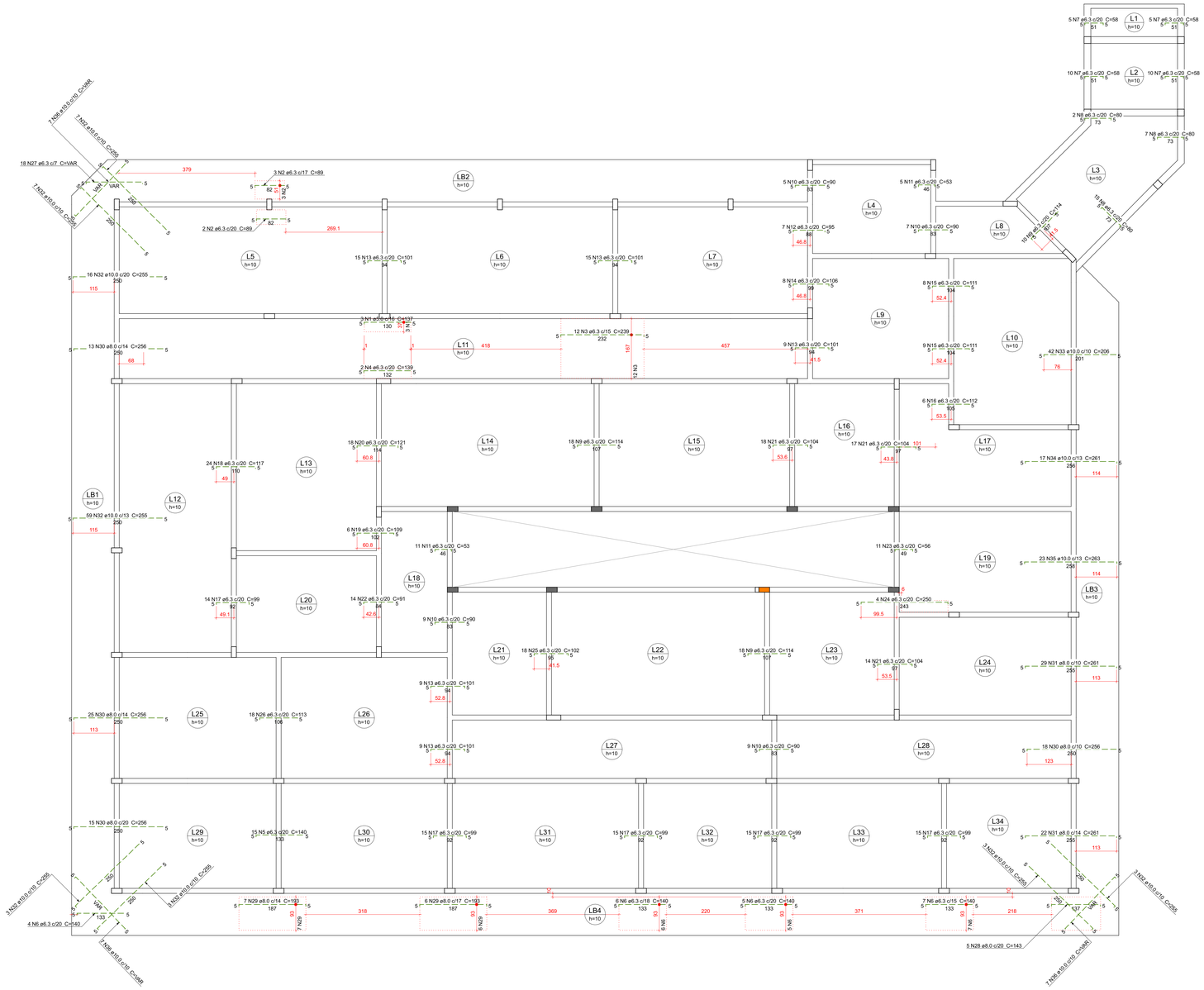
SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:
CAIC

DISCIPLINA:
EST

DATA: MARÇO/2026
ESCALA: indicada
PRANCHA: 10/15

ARQUIVO:
CAIC PIN-EST-10 ARM. POSITIVA VERTICAL



Armação negativa das lajes do pavimento COBERTURA (Eixo X)

escala 1:50

Relação do aço

Negativos X

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	3	137	411
CA50	2	6.3	5	89	445
	3	6.3	12	239	2868
	4	6.3	2	139	278
	5	6.3	15	140	2100
	6	6.3	22	140	3080
	7	6.3	30	58	1740
	8	6.3	24	80	1920
	9	6.3	46	114	5244
	10	6.3	30	90	2700
	11	6.3	16	53	848
	12	6.3	7	95	665
	13	6.3	57	101	5757
	14	6.3	8	106	848
	15	6.3	17	111	1887
	16	6.3	6	112	672
	17	6.3	74	99	7326
	18	6.3	24	117	2808
	19	6.3	6	109	654
	20	6.3	18	121	2178
	21	6.3	49	104	5096
	22	6.3	14	91	1274
	23	6.3	11	56	616
	24	6.3	4	250	1000
	25	6.3	18	102	1836
	26	6.3	18	113	2034
	27	6.3	18	VAR	VAR
	28	8.0	5	143	715
	29	8.0	13	193	2509
	30	8.0	71	256	18176
	31	8.0	51	261	13311
	32	10.0	101	255	25755
	33	10.0	42	206	8652
	34	10.0	17	261	4437
	35	10.0	23	263	6049
	36	10.0	21	VAR	VAR

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	6.3	588.5	52	151.2
	8.0	347.2	31	143.8
	10.0	492	44	318.5
CA60	5.0	4.2	1	0.7

PESO TOTAL (kg)
CA50 613.5
CA60 0.7

EMISSÕES

REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.
00	Emissão inicial	12/05/2026			

PREFEITURA MUNICIPAL DE PARINTINS
Secretária Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2626813/D AM
Especialista em estrutura de concreto e fundações

MUNICÍPIO/ÁREA:
PARINTINS-AM

SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:
CAIC

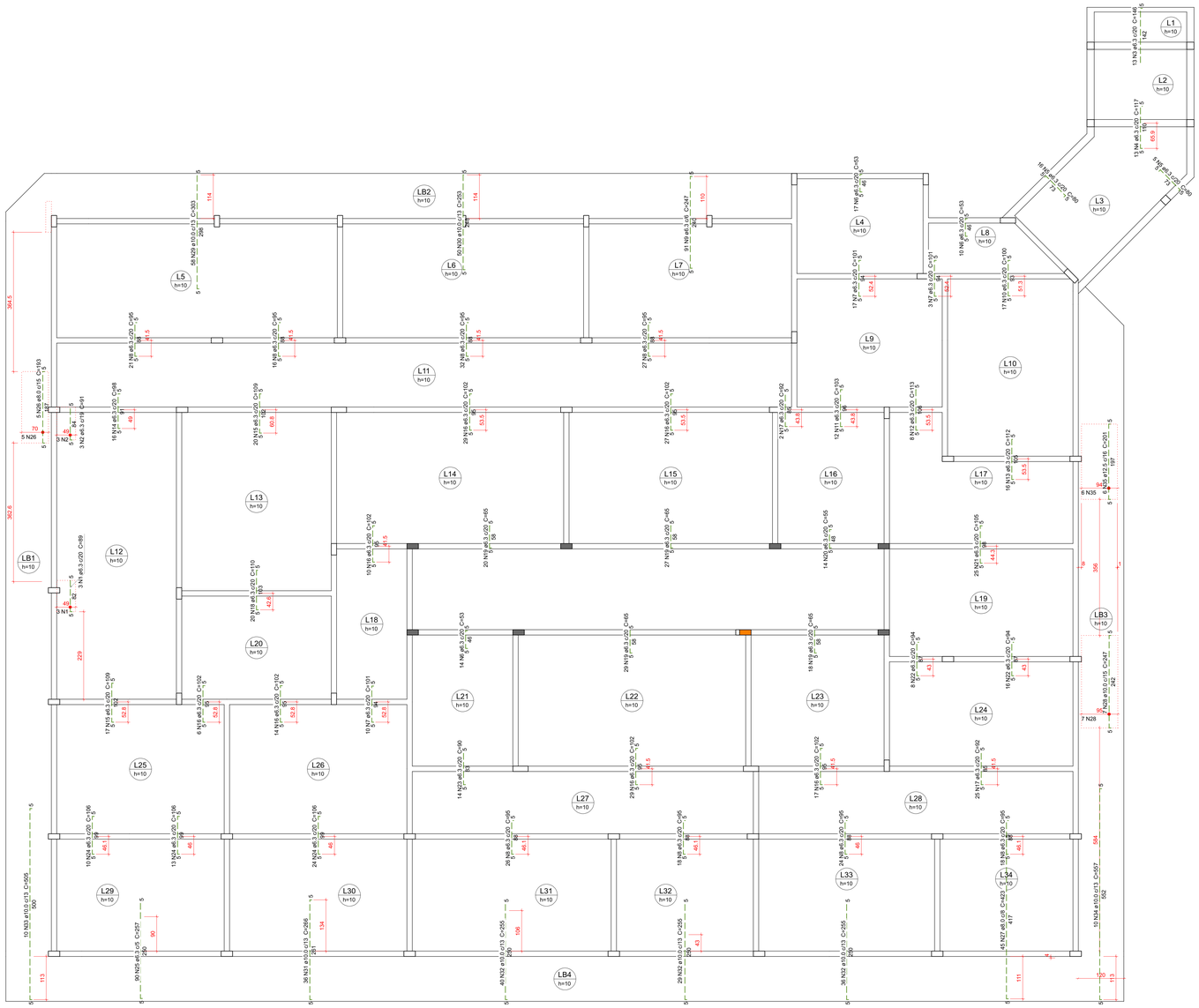
DISCIPLINA:
EST

DATA : MARÇO/2026

ESCALA : indicada

PRANCHA:
11/15

ARQUIVO :
CAIC PIN-EST-11 ARM. NEGATIVA HORIZONTAL



Armação negativa das lajes do pavimento COBERTURA (Eixo Y)

escala 1:50

Relação do aço

Negativos Y

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	6.3	3	89	267
	2	6.3	3	91	273
	3	6.3	13	146	1898
	4	6.3	13	117	1521
	5	6.3	21	80	1680
	6	6.3	41	53	2173
	7	6.3	30	101	3030
	8	6.3	182	95	17290
	9	6.3	91	247	22477
	10	6.3	17	100	1700
	11	6.3	12	103	1236
	12	6.3	8	113	904
	13	6.3	16	112	1792
	14	6.3	16	98	1568
	15	6.3	37	109	4033
	16	6.3	132	102	13464
	17	6.3	27	92	2484
	18	6.3	20	110	2200
	19	6.3	94	65	6110
	20	6.3	14	55	770
	21	6.3	25	105	2625
	22	6.3	24	94	2256
	23	6.3	14	90	1260
	24	6.3	47	106	4982
	25	6.3	90	257	23130
	26	8.0	5	193	965
	27	8.0	45	423	19035
	28	10.0	7	247	1729
	29	10.0	58	303	17574
	30	10.0	50	253	12650
	31	10.0	36	266	9576
	32	10.0	105	255	26775
	33	10.0	10	505	5050
	34	10.0	10	557	5570
	35	12.5	6	201	1206

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	6.3	1211.3	106	311.2
	8.0	200	18	82.9
	10.0	789.3	70	510.9
	12.5	12.1	2	12.2
PESO TOTAL (kg)				
CA50	917.2			

EMISSÕES

REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.
00	Emissão inicial	12/05/2026			

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2608913008 AM
Especialista em estruturas de concreto e fundações

MUNICÍPIO/ÁREA:
PARINTINS-AM

SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

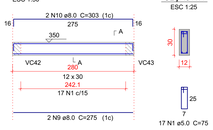
TÍTULO:
CAIC

DISCIPLINA:
EST

DATA: MARÇO/2026
ESCALA: indicada
PRANCHA: 12/15

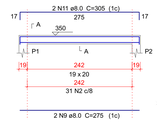
ARQUIVO:
CAIC PIN-EST-12 ARM. NEGATIVA VERTICAL

VC1
ESC 1:50



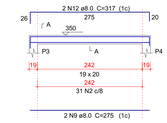
SEÇÃO A-A
ESC 1:25

VC2
ESC 1:50



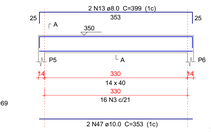
SEÇÃO A-A
ESC 1:25

VC3
ESC 1:50

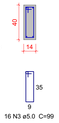


SEÇÃO A-A
ESC 1:25

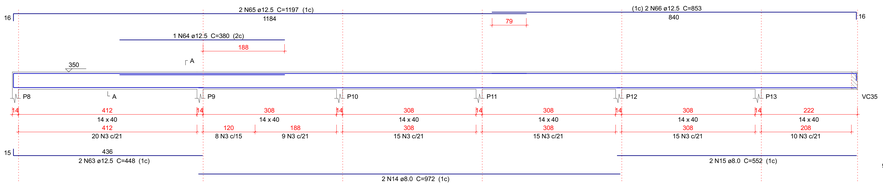
VC4
ESC 1:50



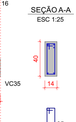
SEÇÃO A-A
ESC 1:25



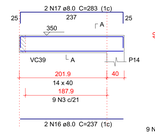
VC5
ESC 1:50



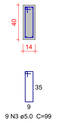
SEÇÃO A-A
ESC 1:25



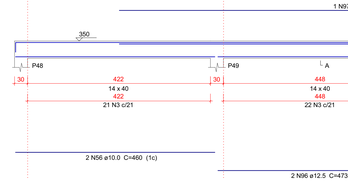
VC6
ESC 1:50



SEÇÃO A-A
ESC 1:25

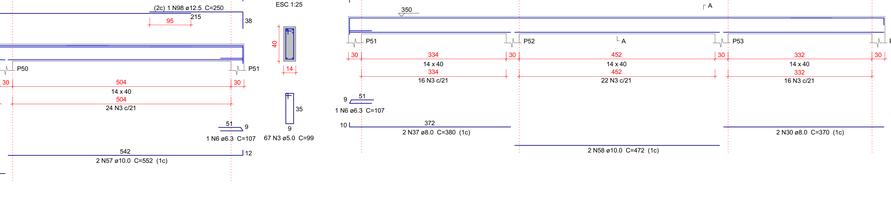


VC7
ESC 1:50

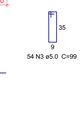


SEÇÃO A-A
ESC 1:25

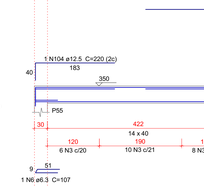
VC8
ESC 1:50



SEÇÃO A-A
ESC 1:25

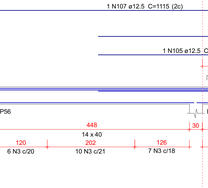


VC10
ESC 1:50

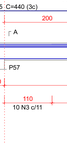


SEÇÃO A-A
ESC 1:25

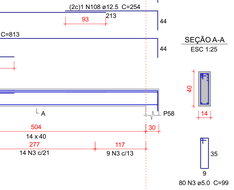
VC12
ESC 1:50



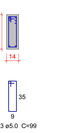
SEÇÃO A-A
ESC 1:25



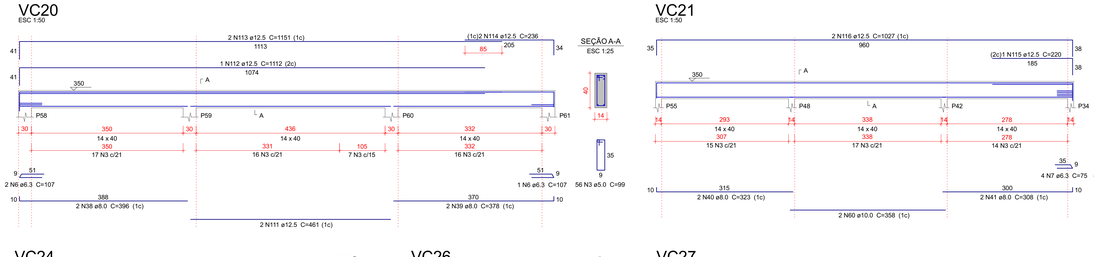
VC14
ESC 1:50



SEÇÃO A-A
ESC 1:25

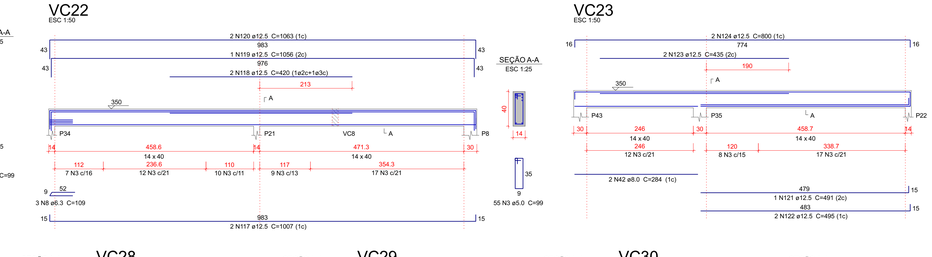


VC9
ESC 1:50



SEÇÃO A-A
ESC 1:25

VC11
ESC 1:50



SEÇÃO A-A
ESC 1:25

VC13
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC15
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC16
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC39
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC17
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC18
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC19
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC20
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC21
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC22
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC23
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC24
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC26
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC27
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC28
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC29
ESC 1:50

SEÇÃO A-A
ESC 1:25

VC30
ESC 1:50

SEÇÃO A-A
ESC 1:25

Relação do aço

VC1	VC2	VC3
VC4	VC5	VC6
VC7	VC8	VC9
VC10	VC11	VC12
VC13	VC14	VC15
VC16	VC17	VC18
VC19	VC20	VC21
VC22	VC23	VC24
VC26	VC27	VC28
VC29	VC30	VC39

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	17	75	1275
	2	5.0	62	69	4278
	3	5.0	1241	98	122859
CA50	4	6.3	4	415	1660
	5	6.3	4	467	1868
	6	6.3	6	107	642
	7	6.3	4	75	300
	8	6.3	3	109	327
	9	8.0	6	275	1650
	10	8.0	2	303	606
	11	8.0	2	305	610
	12	8.0	2	317	634
	13	8.0	2	399	798
	14	8.0	2	972	1944
	15	8.0	2	552	1104
	16	8.0	2	237	474
	17	8.0	2	283	566
	18	8.0	2	336	672
	19	8.0	2	312	624
	20	8.0	2	359	718
	21	8.0	2	405	810
	22	8.0	2	460	920
	23	8.0	2	519	1038
	24	8.0	2	756	1512
	25	8.0	2	536	1072
	26	8.0	2	998	1996
	27	8.0	2	608	1216
	28	8.0	2	274	548
	29	8.0	2	285	570
	30	8.0	4	370	1480
	31	8.0	2	343	686
	32	8.0	2	214	428
	33	8.0	2	293	586
	34	8.0	2	348	696
	35	8.0	2	271	542
	36	8.0	2	317	634
	37	8.0	2	380	760
	38	8.0	2	396	792
	39	8.0	2	378	756
	40	8.0	6	323	1938
	41	8.0	2	308	616
	42	8.0	2	284	568
	43	8.0	4	329	1316
	44	8.0	4	375	1500
	45	8.0	2	241	482
	46	8.0	4	412	1648
	47	10.0	2	353	706
	48	10.0	2	391	782
	49	10.0	2	436	872
	50	10.0	1	421	421
	51	10.0	3	424	1272
	52	10.0	2	561	1122
	53	10.0	2	536	1072
	54	10.0	4	502	2008
	55	10.0	2	411	822
	56	10.0	2	460	920
	57	10.0	2	552	1104
	58	10.0	2	472	944
	59	10.0	2	948	1896
	60	10.0	2	358	716
	61	10.0	2	360	720
	62	10.0	2	540	1080
	63	12.5	2	448	896
	64	12.5	1	380	380
	65	12.5	4	1197	4788
	66	12.5	2	853	1706
	67	12.5	1	445	445
	68	12.5	2	763	1526
	69	12.5	2	1070	2140
	70	12.5	2	205	410
	71	12.5	1	535	535
	72	12.5	1	1159	1159
	73	12.5	1	215	215
	74	12.5	4	1198	4792
	75	12.5	2	888	1776
	76	12.5	2	585	1170
	77	12.5	2	475	950
	78	12.5	1	485	485
	79	12.5	1	1096	1096
	80	12.5	2	1197	2394
	81	12.5	2	1157	2314
	82	12.5	2	247	494
	83	12.5	1	335	335
	84	12.5	2	910	1820
	85	12.5	2	892	1784
	86	12.5	2	578	1156
	87	12.5	1	908	908
	88	12.5	2	1137	2274
	89	12.5	2	214	428
	90	12.5	2	992	1984
	91	12.5	2	588	1176
	92	12.5	1	1111	1111
	93	12.5	1	1197	1197
	94	12.5	1	695	695
	95	12.5	2	710	1420
	96	12.5	2	473	946
	97	12.5	1	1130	1130
	98	12.5	1	250	250
	99	12.5	2	1197	2394
	100	12.5	2	441	882
	101	12.5	2	1148	2296
	102	12.5	2	228	456
	103	12.5	2	556	1112
	104	12.5	1	220	220
	105	12.5	1	440	440
	106	12.5	1	813	813
	107	12.5	1	1115	1115
	108	12.5	1	254	254
	109	12.5	2	1197	2394
	110	12.5	2	463	926
	111	12.5	2	461	922
	112	12.5	1	1112	1112
	113	12.5	2	1151	2302
	114	12.5	2	236	472
	115	12.5	1	220	220
	116	12.5	2	1027	2054
	117	12.5	2	1007	2014
	118	12.5	2	420	840
	119	12.5	1	1056	1056
	120	12.5	2	1063	2126
	121	12.5	1	491	491
	122	12.5	2	495	990
	123	12.5	2	435	870
	124	12.5	2	800	1600
	125	12.5	2	713	1426
	126	12.5	2	1140	2280
	127	12.5	4	390	1560

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	6.3	48	5	12.3
	8.0	355.1	32	147.1
	10.0	164.6	15	106.5
	12.5	839.3	74	848.9
CA60	5.0	1284.2	113	207.8

PESO TOTAL (kg)	
CA50	1114.9
CA60	207.8

Volume de concreto (C-25) = 13.93 m³
Área de forma = 187.09 m²

EMISSÕES					
00	Emissão inicial	12/05/2026			
REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2626913/D AM
Especialista em estruturas de concreto e fundações

MUNICÍPIO/ÁREA:
PARINTINS-AM

SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:
CAIC

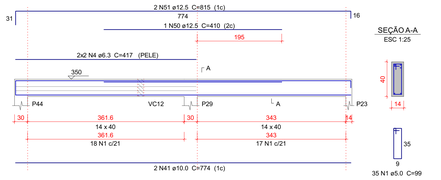
DISCIPLINA:
EST

DATA: MARÇO/2026
ESCALA: Indicada

ARQUIVO:
CAIC PIN-EST-13 ARM. VIGAS COB E TOPO JD_FL 1 de 2

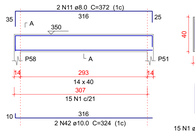
FRANCHA:
13/15

VC25
ESC 1:50

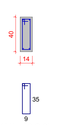


SEÇÃO A-A
ESC 1:25

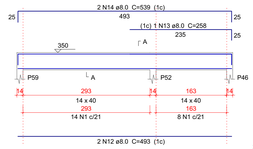
VC31
ESC 1:50



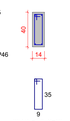
SEÇÃO A-A
ESC 1:25



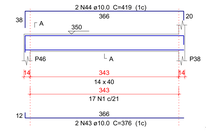
VC32
ESC 1:50



SEÇÃO A-A
ESC 1:25

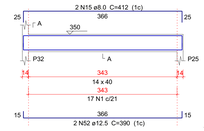


VC33
ESC 1:50



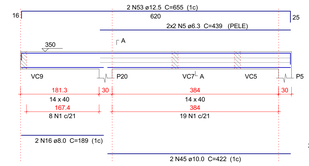
SEÇÃO A-A
ESC 1:25

VC34
ESC 1:50

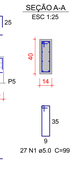


SEÇÃO A-A
ESC 1:25

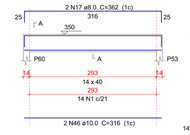
VC35
ESC 1:50



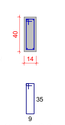
SEÇÃO A-A
ESC 1:25



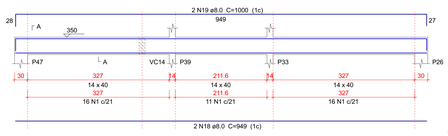
VC37
ESC 1:50



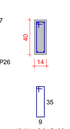
SEÇÃO A-A
ESC 1:25



VC36
ESC 1:50

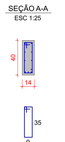


SEÇÃO A-A
ESC 1:25

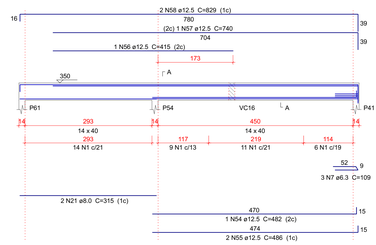


VC38
ESC 1:50

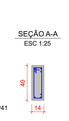
SEÇÃO A-A
ESC 1:25



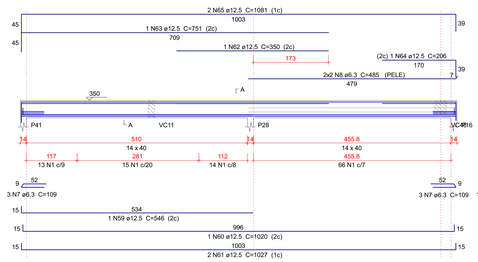
VC40
ESC 1:50



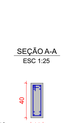
SEÇÃO A-A
ESC 1:25



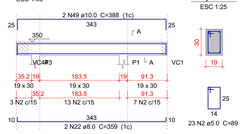
VC41
ESC 1:50



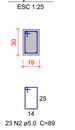
SEÇÃO A-A
ESC 1:25



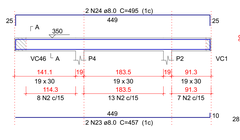
VC42
ESC 1:50



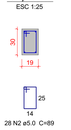
SEÇÃO A-A
ESC 1:25



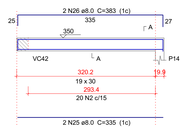
VC43
ESC 1:50



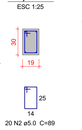
SEÇÃO A-A
ESC 1:25



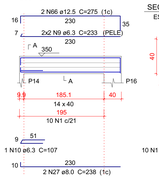
VC44
ESC 1:50



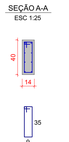
SEÇÃO A-A
ESC 1:25



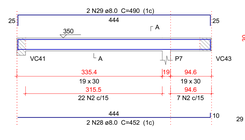
VC45
ESC 1:50



SEÇÃO A-A
ESC 1:25



VC46
ESC 1:50



SEÇÃO A-A
ESC 1:25

Relação do aço

VC25 VC31 VC32 VC33 VC34 VC35 VC36 VC37 VC40 VC41 VC42 VC43 VC44 VC45 VC46

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	371	99	36729
	2	5.0	100	89	8900
CA50	4	6.3	4	417	1668
	5	6.3	4	439	1756
	6	6.3	4	497	1988
	7	6.3	9	109	981
	8	6.3	4	485	1940
	9	6.3	4	233	932
	10	6.3	1	107	107
	11	8.0	2	372	744
	12	8.0	2	493	986
	13	8.0	1	258	258
	14	8.0	2	539	1078
	15	8.0	2	412	824
	16	8.0	2	189	378
	17	8.0	2	362	724
	18	8.0	2	949	1898
	19	8.0	2	1000	2000
	20	8.0	2	533	1066
	21	8.0	2	315	630
	22	8.0	2	359	718
	23	8.0	2	457	914
	24	8.0	2	495	990
	25	8.0	2	335	670
	26	8.0	2	383	766
	27	8.0	2	238	476
	28	8.0	2	452	904
	29	8.0	2	490	980
	41	10.0	2	774	1548
	42	10.0	2	324	648
	43	10.0	2	376	752
	44	10.0	2	419	838
	45	10.0	2	422	844
	46	10.0	2	316	632
	47	10.0	1	494	494
	48	10.0	3	497	1491
	49	10.0	2	388	776
	50	12.5	1	410	410
	51	12.5	2	815	1630
	52	12.5	2	390	780
	53	12.5	2	655	1310
	54	12.5	1	482	482
	55	12.5	2	486	972
	56	12.5	1	415	415
	57	12.5	1	740	740
	58	12.5	2	829	1658
	59	12.5	1	546	546
	60	12.5	1	1020	1020
	61	12.5	2	1027	2054
	62	12.5	1	350	350
	63	12.5	1	751	751
	64	12.5	1	206	206
	65	12.5	2	1081	2162
	66	12.5	2	275	550

Resumo do aço

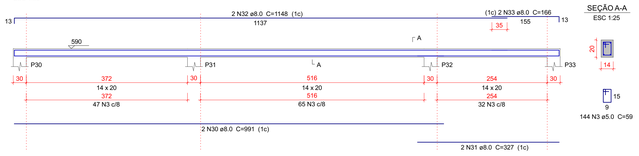
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	6.3	93.8	9	24.1
	8.0	170.1	15	70.4
	10.0	80.3	8	51.9
	12.5	160.4	15	162.2
CA60	5.0	456.3	40	73.8

PESO TOTAL (kg)	
CA50	308.7
CA60	73.8

Volume de concreto (C-25) = 4.3 m³
Área de forma = 56.16 m²

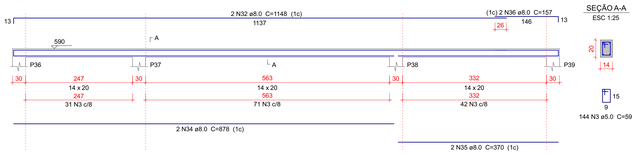
DETALHAMENTO DAS VIGAS DO TOPO DO JARDIM DE INVERNO

VT1
ESC 1:50



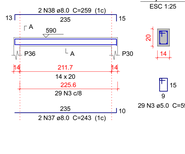
SEÇÃO A-A
ESC 1:25

VT2
ESC 1:50



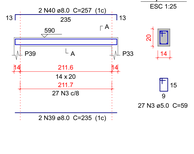
SEÇÃO A-A
ESC 1:25

VT3
ESC 1:50



SEÇÃO A-A
ESC 1:25

VT4
ESC 1:50



SEÇÃO A-A
ESC 1:25

Relação do aço

VT1 VT2 VT3 VT4

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	3	5.0	344	59	20296
CA50	30	8.0	2	991	1982
	31	8.0	2	327	654
	32	8.0	4	1148	4592
	33	8.0	2	166	332
	34	8.0	2	878	1756
	35	8.0	2	370	740
	36	8.0	2	157	314
	37	8.0	2	243	486
	38	8.0	2	259	518
	39	8.0	2	235	470
	40	8.0	2	257	514

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT + 5 % (Barras)	PESO + 5 % (kg)
CA50	8.0	123.6	11	51.2
CA60	5.0	203	18	32.8

PESO TOTAL (kg)	
CA50	51.2
CA60	32.8

Volume de concreto (C-25) = 0.76 m³
Área de forma = 14.62 m²

EMISSÕES					
00	Emissão inicial	12/05/2026			
REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2608913008 AM
Especialista em estruturas de concreto e fundações

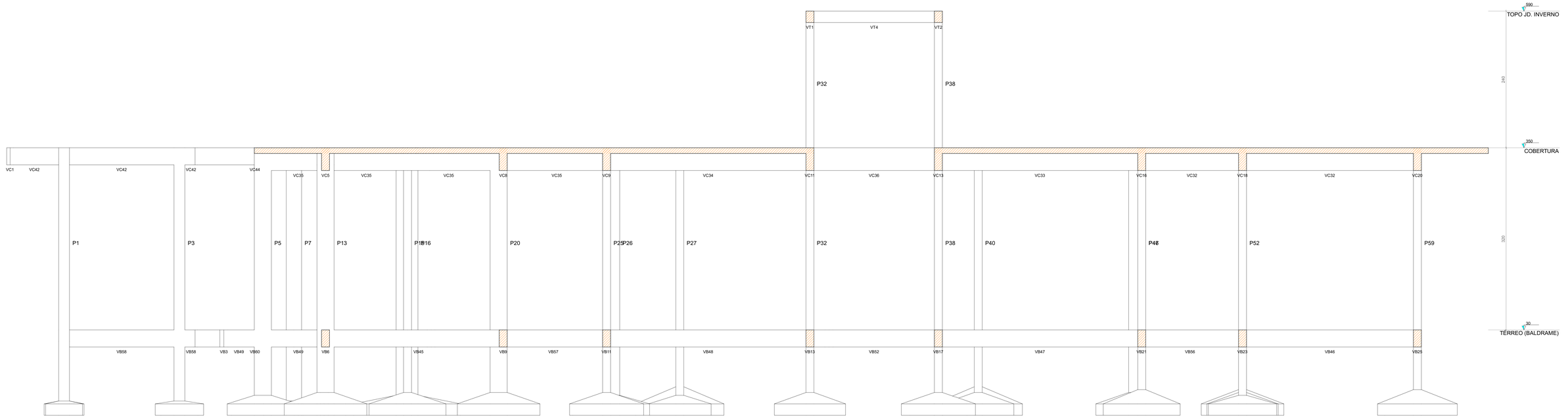
MUNICÍPIO/ÁREA:
PARINTINS-AM

SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:
CAIC

DISCIPLINA:
EST

DATA: MARÇO/2026
ESCALA: indicada
ARQUIVO: CAIC PIN-EST-14 ARM. VIGAS COB E TOPO JD_FL 2 de 2
PRANCHA: 14/15



Corte B-B

escala 1:25

Corte A-A

escala 1:25

EMISSÕES					
00	Emissão inicial	12/05/2026			
REV.	EMISSÃO	DATA	EXEC.	VERIF.	APROV.

PREFEITURA MUNICIPAL DE PARINTINS
Secretaria Municipal de Projetos de Desenvolvimento

RESP. TÉC. AUTOR DO PROJETO:
ENG. DIEGO CESAR
CREA 2608913308 AM
Especialista em estruturas de concreto e fundações

MUNICÍPIO/ÁREA:
PARINTINS-AM

SECRETARIA MUNICIPAL DE PROJETOS DE DESENVOLVIMENTO

TÍTULO:
CAIC

DISCIPLINA:
EST

DATA: MARÇO/2026
ESCALA: indicada
FRANCHA:
15/15

ARQUIVO:
CAIC PIN-EST-15 CORTES