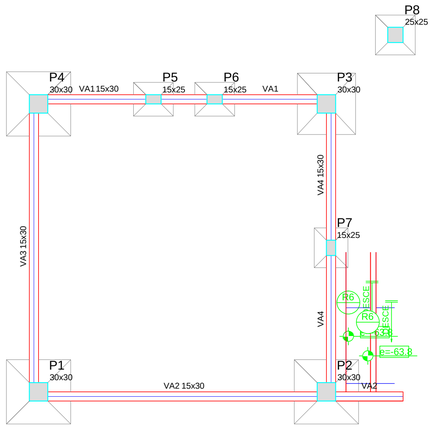


Forma do pavimento Alicerce

escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
VA1	15x30	0	0
VA2	15x30	0	0
VA3	15x30	0	0
VA4	15x30	0	0

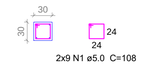
Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	238000

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	30 x 30	0	0
P2	30 x 30	0	0
P3	30 x 30	0	0
P4	30 x 30	0	0
P5	15 x 25	0	0
P6	15 x 25	0	0
P7	15 x 25	0	0
P8	25 x 25	0	0

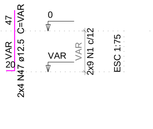
Legenda dos Pilares
Pilar que morre
Pilar que passa
Pilar que nasce
Pilar com mudança de seção

P1=P4

ALICERCE - L1
ESC 1:50

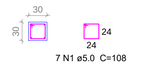


2x9 N1 ø5.0 C=108

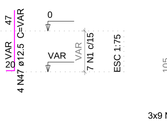


P2

ALICERCE - L1
ESC 1:50

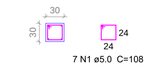


7 N1 ø5.0 C=108



P3

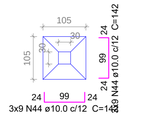
ALICERCE - L1
ESC 1:50



7 N1 ø5.0 C=108

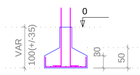
S1=S2=S4

PLANTA
ESC 1:75



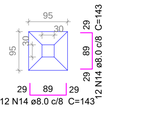
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:75



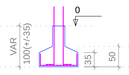
S3

PLANTA
ESC 1:75



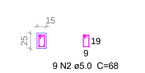
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:75

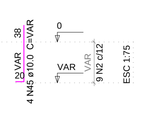


P5=P6

ALICERCE - L1
ESC 1:50

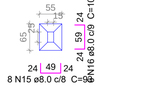


9 N2 ø5.0 C=68



S5=S6

PLANTA
ESC 1:75



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P8

ALICERCE - L1
ESC 1:50

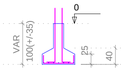
9 N3 ø5.0 C=88

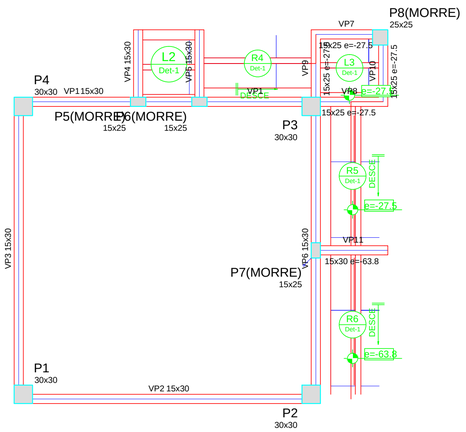
S8

PLANTA
ESC 1:75

Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:75





Forma do pavimento Palco

escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
VP1	15x30	0	100
VP2	15x30	0	100
VP3	15x30	0	100
VP4	15x30	0	100
VP5	15x30	0	100
VP6	15x30	0	100
VP7	15x25	-27.5	72.5
VP8	15x25	-27.5	72.5
VP9	15x25	-27.5	72.5
VP10	15x25	-27.5	72.5
VP11	15x30	-63.8	36.2

Lajes								
Dados						Sobrecarga (kgf/m²)		
Nome	Tipo	Altura (cm)	Elevação (cm)	Nível (cm)	Peso próprio (kgf/m²)	Adicional	Acidental	Localizada
L2	Treliçada 1D	12	0	100	138	200	100	-
L3	Treliçada 1D	12	-28	72.5	138	200	100	-
R4	Treliçada 1D	12	0	100	139	200	100	-
R5	Treliçada 1D	12	-28	72.5	140	200	100	-
R6	Treliçada 1D	12	-64	36.2	140	200	100	-

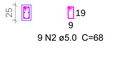
Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	238000

Pilares				
Nome	Seção (cm)	Elevação (cm)	Nível (cm)	
P1	30 x 30	0	100	
P2	30 x 30	0	100	
P3	30 x 30	0	100	
P4	30 x 30	0	100	
P5	15 x 25	0	100	
P6	15 x 25	0	100	
P7	15 x 25	-63.8	36.2	
P8	25 x 25	-27.5	72.5	

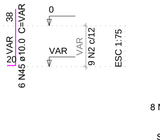
Legenda dos Pilares
Pilar que morre
Pilar que passa
Pilar que nasce
Pilar com mudança de seção

P7

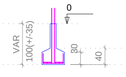
ALICERCE - L1
ESC 1:50



9 N2 ø5.0 C=68

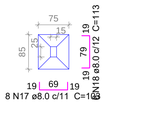


CORTE
ESC 1:75



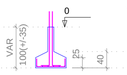
S7

PLANTA
ESC 1:75



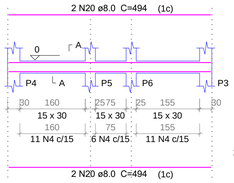
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:75



VA1

ESC 1:75

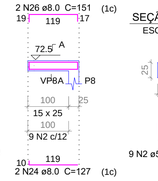


SEÇÃO A-A
ESC 1:50

28 N4 ø5.0 C=78

VP10

ESC 1:75

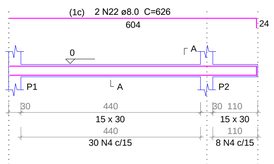


SEÇÃO A-A
ESC 1:50

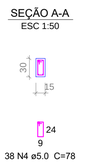
9 N2 ø5.0 C=68

VA2

ESC 1:75



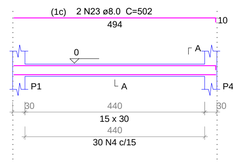
SEÇÃO A-A
ESC 1:50



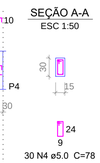
38 N4 ø5.0 C=78

VA3

ESC 1:75



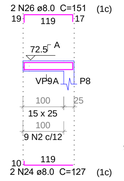
SEÇÃO A-A
ESC 1:50



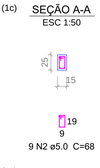
30 N4 ø5.0 C=78

VP7

ESC 1:75



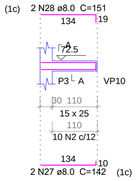
SEÇÃO A-A
ESC 1:50



9 N2 ø5.0 C=68

VP8

ESC 1:75

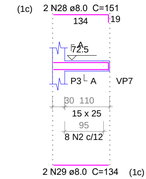


SEÇÃO A-A
ESC 1:50

10 N2 ø5.0 C=68

VP9

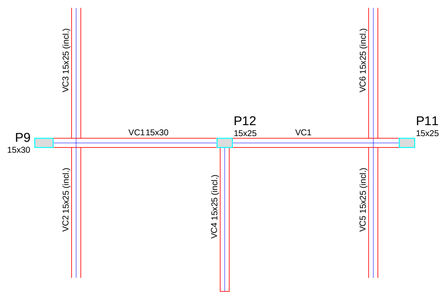
ESC 1:75



SEÇÃO A-A
ESC 1:50

8 N2 ø5.0 C=68

Blocos de enchimento						
Detalhe	Tipo	Nome	Dimensões(cm)			Quantidade
			hb	bx	by	
1	EPS Unidirecional	B8/40/125	8	40	125	18



Forma do pavimento Cobertura

escala 1:50

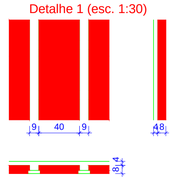
Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
VC1	15x30	0	585
VC2	15x25	0 / 0	585 / 400
VC3	15x25	0 / 0	585 / 400
VC4	15x25	0 / 0	585 / 400
VC5	15x25	0 / 0	585 / 400
VC6	15x25	0 / 0	585 / 400

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	238000

Pilares				
Nome	Seção (cm)	Elevação (cm)	Nível (cm)	
P9	15 x 30	0	585	
P11	15 x 25	0	585	
P12	15 x 25	0	585	

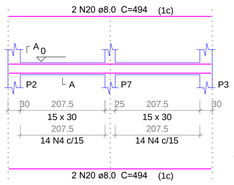
Legenda dos Pilares
Pilar que morre
Pilar que passa
Pilar que nasce
Pilar com mudança de seção

Detalhe 1 (esc. 1:30)

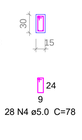


VA4

ESC 1:75



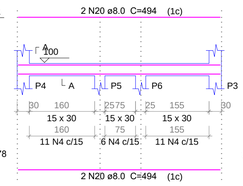
SEÇÃO A-A
ESC 1:50



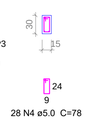
28 N4 ø5.0 C=78

VP1

ESC 1:75



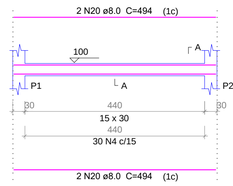
SEÇÃO A-A
ESC 1:50



28 N4 ø5.0 C=78

VP2

ESC 1:75

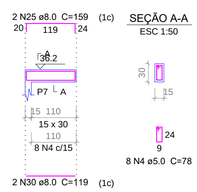


SEÇÃO A-A
ESC 1:50

30 N4 ø5.0 C=78

VP11

ESC 1:75

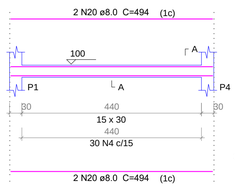


SEÇÃO A-A
ESC 1:50

8 N4 ø5.0 C=78

VP3

ESC 1:75

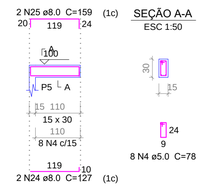


SEÇÃO A-A
ESC 1:50

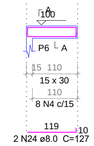
30 N4 ø5.0 C=78

VP4

ESC 1:75



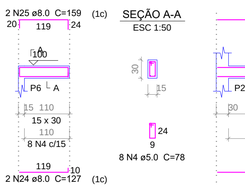
SEÇÃO A-A
ESC 1:50



8 N4 ø5.0 C=78

VP5

ESC 1:75

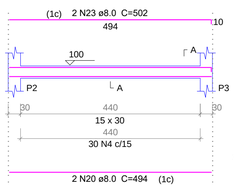


SEÇÃO A-A
ESC 1:50

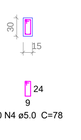
8 N4 ø5.0 C=78

VP6

ESC 1:75



SEÇÃO A-A
ESC 1:50



30 N4 ø5.0 C=78

APROVAÇÕES

APOIO ENGENHARIA

OBRA	Execucação de Praça Pública com Sanitários em Estrutura de Concreto Armado Convencional e Alvenaria
PROPRIETÁRIO - CPF:	MUNICIPIO DE PONTAL DO ARAGUAIA CNPJ: 33.000.670/0001-67 Ass Proprietário
LOCAL/INSC. CADASTRAL	Rua Lindon Jhoson S. Moraes esq. c/ Rua 20 de Dezembro, Quadra 08, Loteamento Maria Luzia de Moraes, Pontal do Araguaia - MT
AUTOR DO PROJETO	**Lucas Henrique Guerra Nogueira** ENGENHEIRO CIVIL - CREA-MT 039722
RESPONSAVEL TÉCNICO	Documento assinado digitalmente gov.br LUCAS HENRIQUE GUERRA NOGUEIRA Data: 11/03/2024 08:21:38-0300 Verifique em https://validar.iti.gov.br Ass. Responsável técnico
ESCALA: INDICADA	DATA: Fevereiro / 2024
ASSUNTO:	ESTRUTURAL: Vigas Palco
FOLHA Nº	08 / 15
DESENHO:	Waldemar Nogueira

ESTATÍSTICA

ÁREAS:		% DE OCUPAÇÃO		COEF. DE APROVEIT.	Nº DE PISOS
ÁREA TOTAL PRAÇA:	2.405,49 m²	TÉRREO	DEMAIS PAV.		
ÁREA SANITÁRIOS:	65,84 m²				
ÁREA PALCO:	25,00 m²				