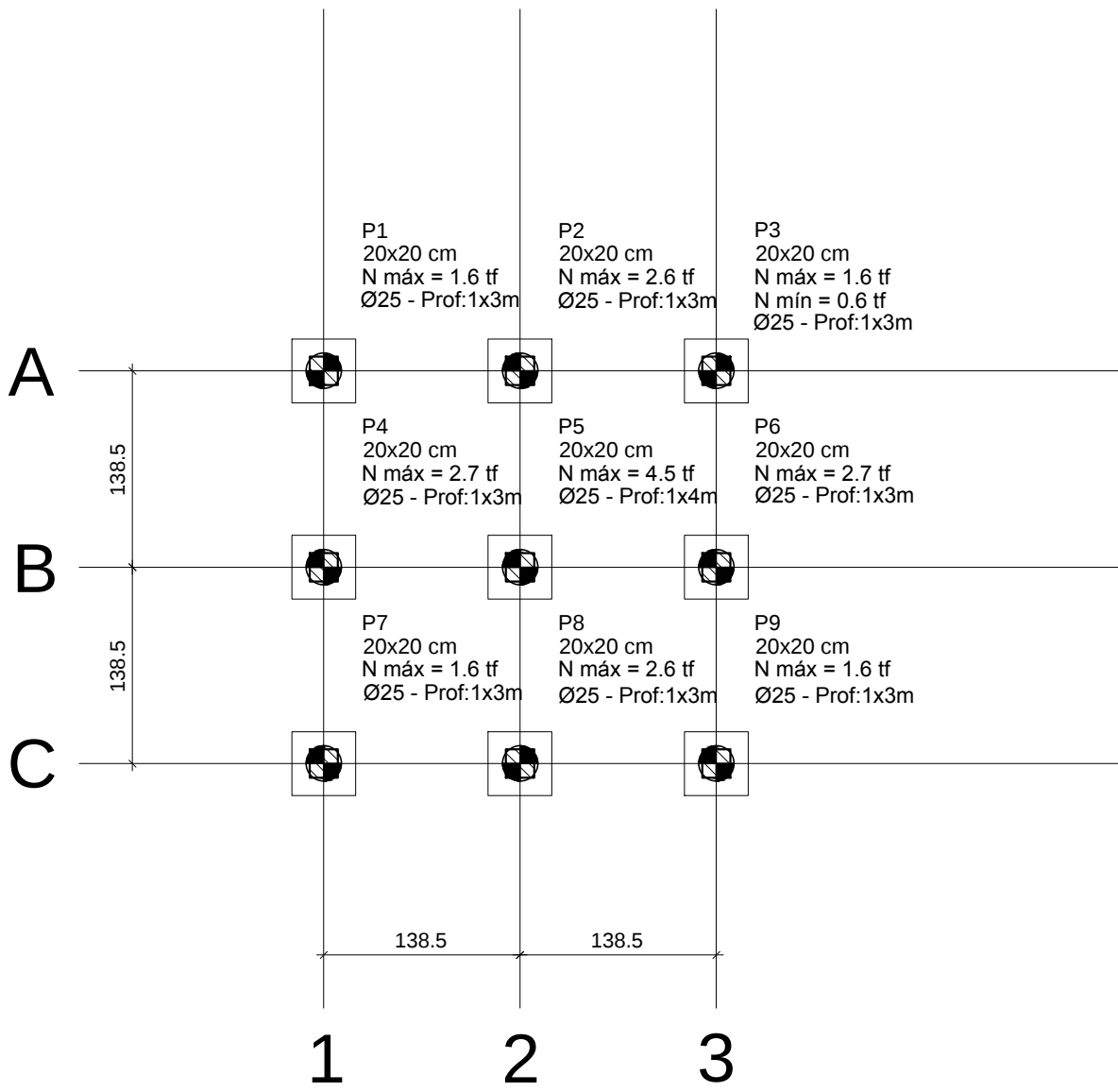
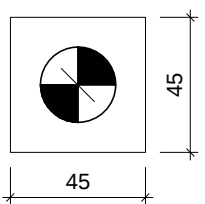




Planta de locação
escala 1:50

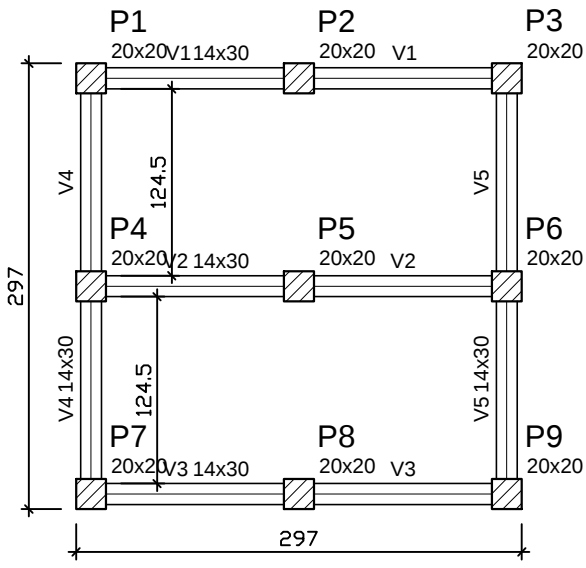
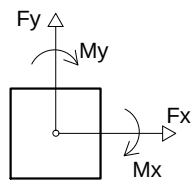
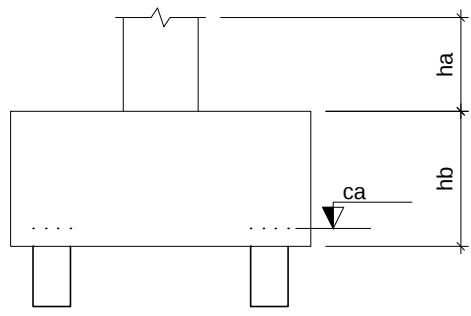
B1=B2=B3=B4=B5
B6=B7=B8=B9 (1xR25)



Legenda dos blocos
escala 1:25

Pilar				Bloco	
Nome	Seção (cm)	Carga Máx. (tf)	Carga Mín. (tf)	ne	Estaca
P1	20x20	1.6	0.6	1	R25
P2	20x20	2.6	0.9	1	R25
P3	20x20	1.6	0.6	1	R25
P4	20x20	2.7	1.0	1	R25
P5	20x20	4.5	1.3	1	R25
P6	20x20	2.7	1.0	1	R25
P7	20x20	1.6	0.6	1	R25
P8	20x20	2.6	0.9	1	R25
P9	20x20	1.6	0.6	1	R25

Estacas		
Simbologia	Nome	Quantidade
	R25	9



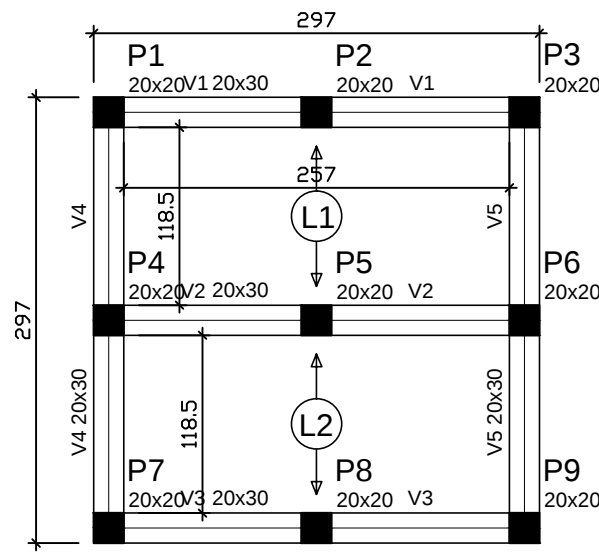
Forma do pavimento baldrame
escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	14x30	0	0
V2	14x30	0	0
V3	14x30	0	0
V4	14x30	0	0
V5	14x30	0	0

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

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	20 x 20	0	0
P2	20 x 20	0	0
P3	20 x 20	0	0
P4	20 x 20	0	0
P5	20 x 20	0	0
P6	20 x 20	0	0
P7	20 x 20	0	0
P8	20 x 20	0	0
P9	20 x 20	0	0

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



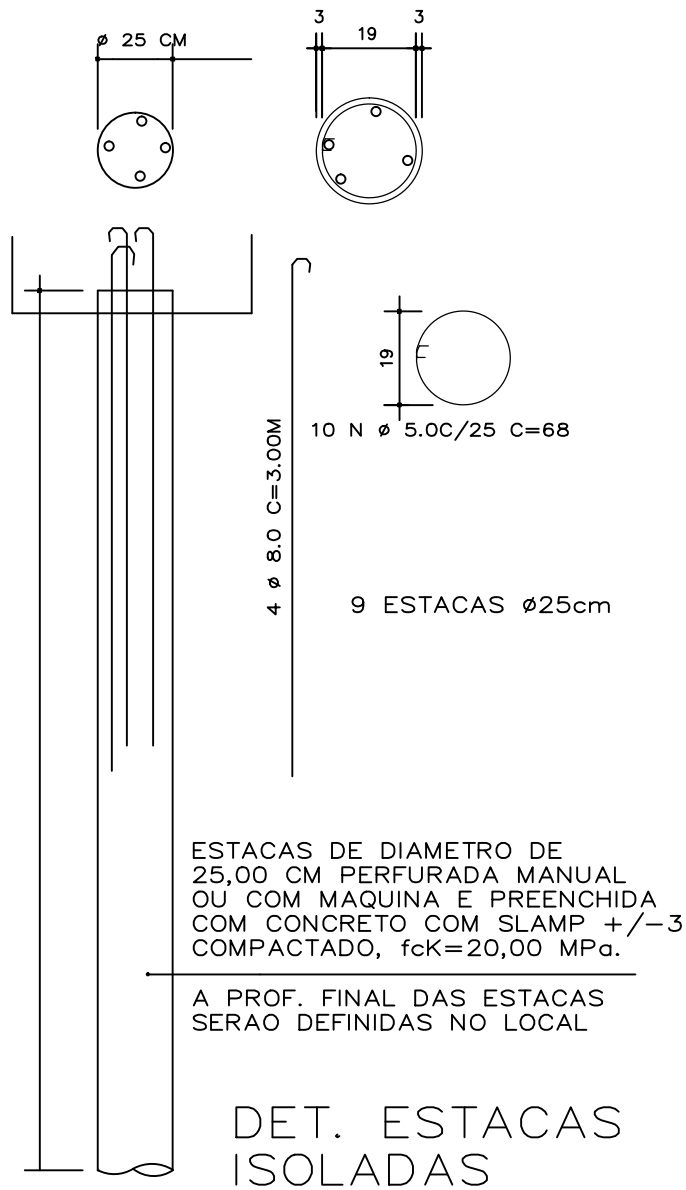
Forma do pavimento laje
escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	20x30	0	100
V2	20x30	0	100
V3	20x30	0	100
V4	20x30	0	100
V5	20x30	0	100

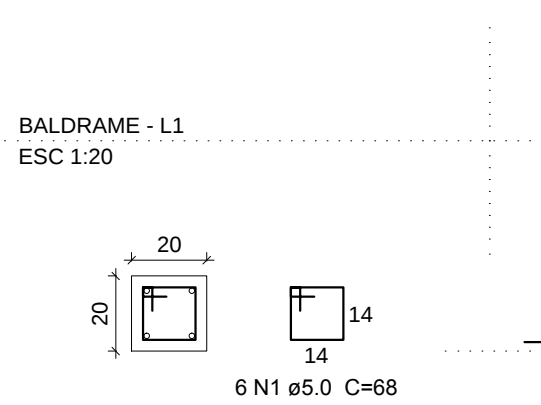
Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	238000

Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	20 x 20	0	100
P2	20 x 20	0	100
P3	20 x 20	0	100
P4	20 x 20	0	100
P5	20 x 20	0	100
P6	20 x 20	0	100
P7	20 x 20	0	100
P8	20 x 20	0	100
P9	20 x 20	0	100

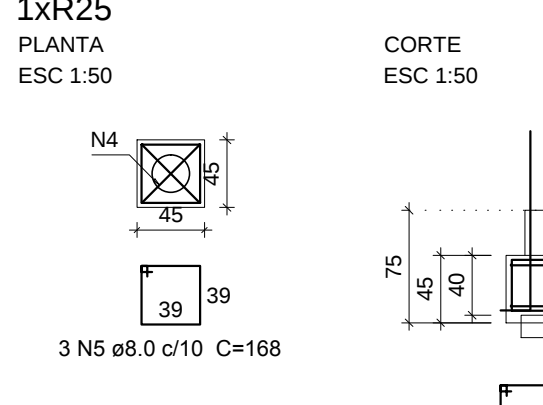
Legenda dos Pilares	
	Pilar que morre
	Pilar que passa
	Pilar que nasce
	Pilar com mudança de seção



P1=P2=P3=P4=P5=P6=P7=P8=P9



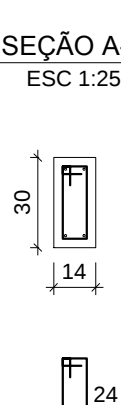
B1=B2=B3=B4=B5=B6=B7=B8=B9
1xR25



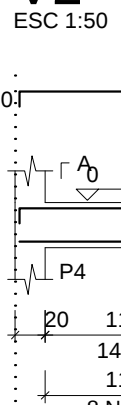
V1



V2



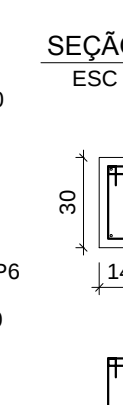
V3



V4



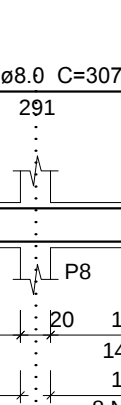
V5



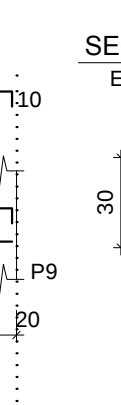
V6



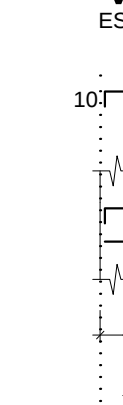
V7



V8

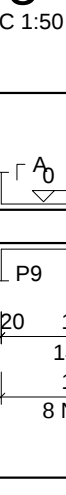


V9

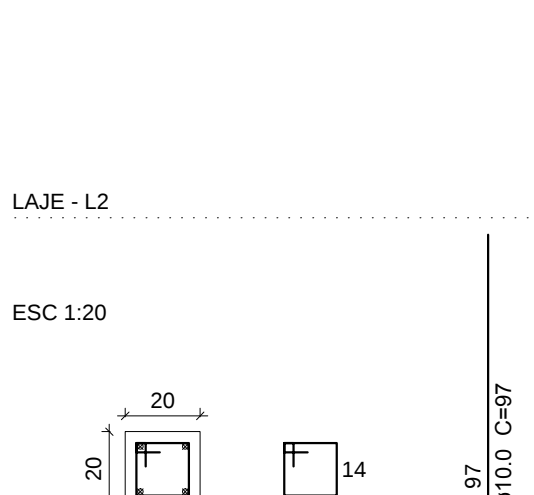


Relação do aço					
baldrame:		3xø5	9xø9	V1	
			V2	V3	
			V4	V5	
laje:		9xP1	V1		
		V2	V3		
		V4	V5		
AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	135	68	9180
	2	5.0	80	76	6080
	3	5.0	80	88	7040
CA50	4	8.0	18	184	3312
	5	8.0	45	168	7560
	6	8.0	20	291	5820
	7	8.0	10	307	3070
	8	8.0	10	341	3410
	9	10.0	36	123	4428
	10	10.0	36	97	3492

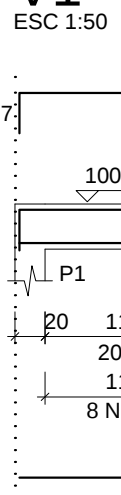
V5



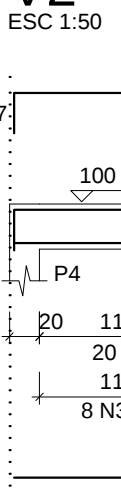
P1=P2=P3=P4=P5=P6=P7=P8=P9



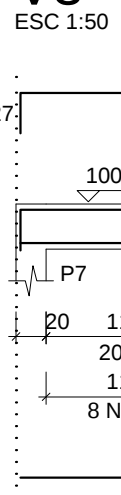
V1



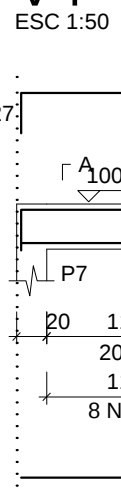
V2



V3



V4



Resumo do aço			
AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	8.0	309.56	122.28
CA60	10.0	79.2	48.87
	3.0	284.2	43.77

Volume de concreto blocos/vigas/pilares (C-25) = 2.92 m³
Área de forma = 35 m²

PROJETO ESTRUTURAL

OBRA: BASE CISTerna 10000L

ENDEREÇO: UBIRATA

RESPONSÁVEL TÉCNICO:

EDUARDO FELIPE MANFIE CREA: 135944/D -PR

Conteúdo: LOCAÇÃO

FORMAS
VIGAS/PILARES

PAVIMENTO:

TERREO

UNIDADE:

cm

TOTAL DE PRANCHAS

01

PROPRIETÁRIO:

PREFEITURA MUNICIPAL DE UBIRATA

DESENHO:

EDUARDO

DATA:

30/10/2018

FOLHA:

01 / 01