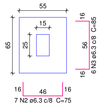
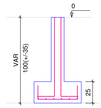
S1=S2=S3=S4=S5=S6=S7=S8=S9=S10=S11=S12
=S13=S14=S15=S16=S17=S18=S19=S20

PLANTA
ESC 1:25



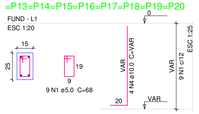
Solo com capacidade de suporte > 2.50 kgf/cm²
Solo compactado sobre a sapata
peso especifico > 1600.00 kgf/m³

CORTE
ESC 1:25



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

FUND - L1
ESC 1:20



Relação do aço

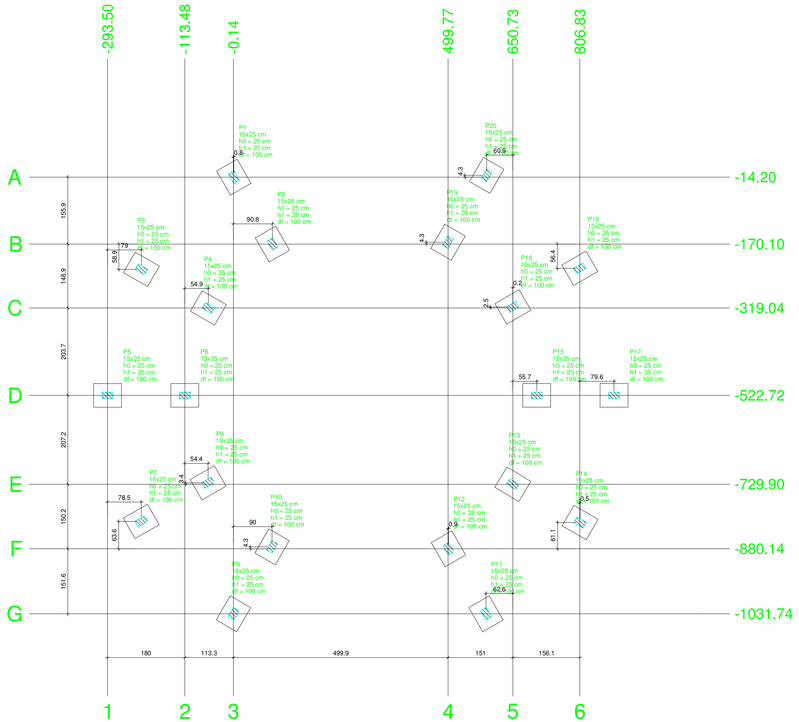
20xS1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	180	68	12240
CA50	2	6.3	140	75	10500
	3	6.3	120	85	10200
	4	10.0	80	VAR	VAR

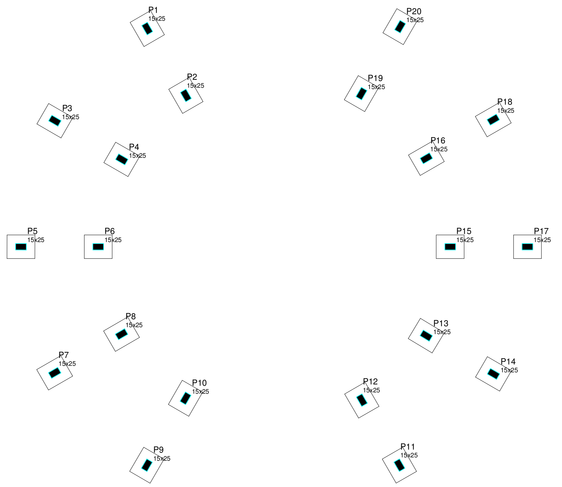
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	207	55.7
	10.0	88	59.7
CA60	5.0	122.4	20.8
PESO TOTAL (kg)			
CA50	115.4		
CA60	20.8		

Volume de concreto (C-25) = 2.54 m³
Área de forma = 28 m²



Planta de locação
escala 1:50



Forma do pavimento fund (Nível 0)
escala 1:50

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)

Características dos materiais	
fck (kgf/cm²)	Ecs (kgf/cm²)
250	241500

Dimensão máxima do agregado = 19 mm

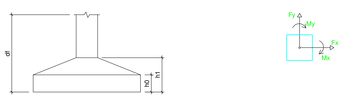
Pilares			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
P1	15 x 25	0	0
P2	15 x 25	0	0
P3	15 x 25	0	0
P4	15 x 25	0	0
P5	15 x 25	0	0
P6	15 x 25	0	0
P7	15 x 25	0	0
P8	15 x 25	0	0
P9	15 x 25	0	0
P10	15 x 25	0	0
P11	15 x 25	0	0
P12	15 x 25	0	0
P13	15 x 25	0	0
P14	15 x 25	0	0
P15	15 x 25	0	0
P16	15 x 25	0	0
P17	15 x 25	0	0
P18	15 x 25	0	0
P19	15 x 25	0	0
P20	15 x 25	0	0

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

Pilar									Fundação					
Nome	Seção (cm)	X (cm)	Y (cm)	Carga Máx. (tf)	Carga Mín. (tf)	Mx (kgf.m)	My (kgf.m)	Fx (tf)	Fy (tf)	Lado B (cm)	Lado H (cm)	h0 / ha (cm)	h1 / hb (cm)	df (cm)
P1	15x25	0.70	-14.20	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P2	15x25	90.71	-170.10	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P3	15x25	-214.51	-229.04	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P4	15x25	-58.61	-319.04	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P5	15x25	-293.50	-522.72	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P6	15x25	-113.48	-522.70	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P7	15x25	-215.01	-816.50	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P8	15x25	-59.11	-726.49	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P9	15x25	-0.14	-1031.74	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P10	15x25	89.83	-875.80	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P11	15x25	588.16	-1031.70	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P12	15x25	500.65	-880.14	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P13	15x25	650.73	-729.90	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P14	15x25	807.33	-819.02	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P15	15x25	706.43	-522.70	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P16	15x25	650.93	-318.55	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P17	15x25	886.46	-522.70	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P18	15x25	806.83	-226.54	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P19	15x25	499.77	-165.77	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100
P20	15x25	589.78	-9.87	0.1	0.0	100	100	0.1	0.1	55	65	25	25	100

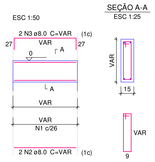
Locação no eixo X	
Coordenadas (cm)	Nome
-293.50	P5
-215.01	P7
-214.51	P3
-113.48	P6
-59.11	P8
-58.61	P4
-0.14	P9
0.70	P1
89.83	P10
90.71	P2
499.77	P19
500.65	P12
588.16	P11
589.78	P20
650.73	P13
650.93	P16
706.43	P15
806.83	P18
807.33	P14
886.46	P17

Locação no eixo Y	
Coordenadas (cm)	Nome
-9.87	P20
-14.20	P1
-165.77	P19
-170.10	P2
-226.54	P18
-229.04	P3
-316.55	P16
-319.04	P4
-522.70	P6, P15, P17
-522.72	P5
-726.49	P8
-729.90	P13
-816.50	P7
-819.02	P14
-875.80	P10
-880.14	P12
-1031.70	P11
-1031.74	P9



DETALHE VIGA CANTEIROS

ESC 1:50



SEÇÃO A-A
ESC 1:25

Relação do aço

V1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	294	118	34694
CA50	2	8.0	2	7350	14700
	3	8.0	2	7350	14700

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	8.0	294	126.15
CA60	5.0	347.9	58.8
PESO TOTAL (kg)			
CA50	126.15		
CA60	58.8		

Volume de concreto (C-20) = 5.39 m³
Área de forma = 84.70 m²

AMURES — ASSOCIAÇÃO DE MUNICÍPIOS DA REGIÃO SERRANA

PREFEITURA MUNICIPAL
CORREIA PINTO - SC

01E

ASSESSORIA TÉCNICA

PROJETO: TARCÍSIO BARBOSA DE SOUZA
CREA 129278-7

PREFEITO: VÂNIO FORSTER

OBRA :

PROJETO ESTRUTURAL

PRAÇA DOMINGOS LAVES RODRIGUES

PERGOLADO CENTRAL/DETALHES
VIGAS PARA CANTEIROS
Localização: Avenida Tancredo Neves
c/ Rua Getulio Vargas - Centro

DESENHO:

Escala: Indicada

REV. : 10/2015