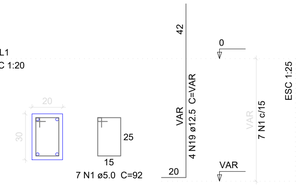
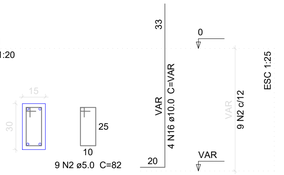
P4=P17

0 - L1
ESC 1:20



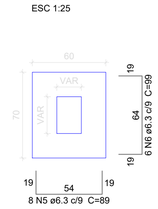
P5=P8

0 - L1
ESC 1:20



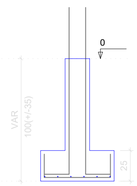
S4=S5=S8=S17

PLANTA
ESC 1:25



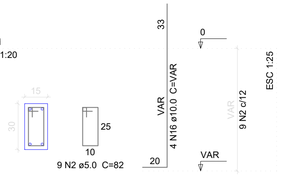
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³

CORTE
ESC 1:25



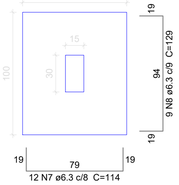
P7

0 - L1
ESC 1:20



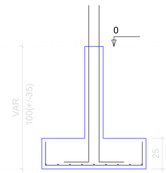
S7

PLANTA
ESC 1:25



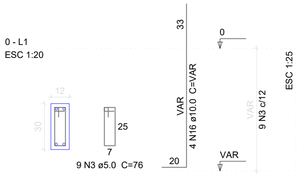
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³

CORTE
ESC 1:25



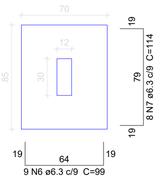
P11

0 - L1
ESC 1:20



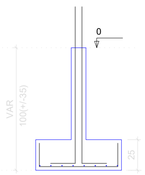
S11

PLANTA
ESC 1:25



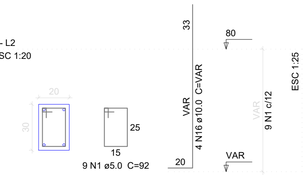
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³

CORTE
ESC 1:25



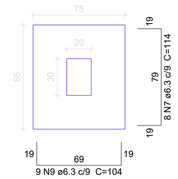
P1=P12=P14=P18

1 - L2
ESC 1:20



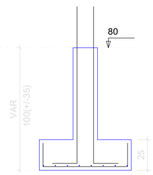
S1=S12=S14=S18

PLANTA
ESC 1:25



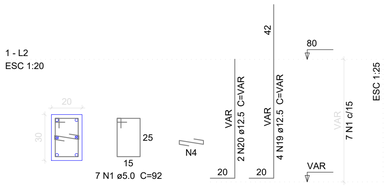
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³

CORTE
ESC 1:25



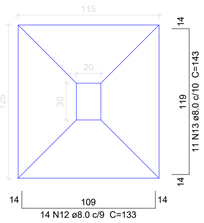
P2=P16

1 - L2
ESC 1:20



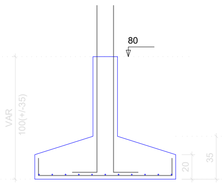
S2=S16

PLANTA
ESC 1:25



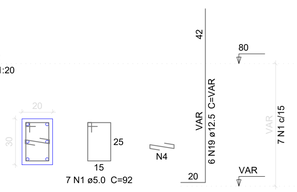
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³

CORTE
ESC 1:25



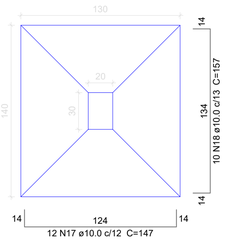
P3

1 - L2
ESC 1:20



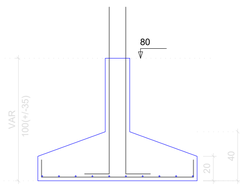
S3

PLANTA
ESC 1:25



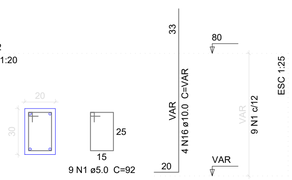
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³

CORTE
ESC 1:25



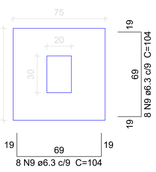
P6=P9

1 - L2
ESC 1:20



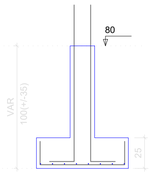
S6=S9

PLANTA
ESC 1:25



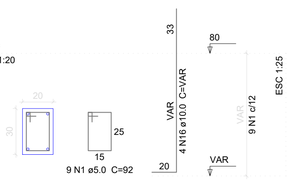
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³

CORTE
ESC 1:25



P10=P13

1 - L2
ESC 1:20



Relação do aço

0:	2xP4	2xP5
	P7	P11
	S7	S11
	4xS17	
1:	4xP1	2xP2
	P3	2xP6
	2xP10	P15
	2xS2	S3
	2xS9	2xS10
	4xS12	S15

AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	114	92	10488
	2	5.0	27	82	2214
	3	5.0	9	76	684
	4	5.0	28	30	840
CA50	5	6.3	32	89	2848
	6	6.3	33	99	3267
	7	6.3	52	114	5928
	8	6.3	9	129	1161
	9	6.3	68	104	7072
	10	6.3	20	109	2180
	11	6.3	18	119	2142
	12	8.0	28	133	3724
	13	8.0	22	143	3146
	14	8.0	11	128	1408
	15	8.0	9	138	1242
	16	10.0	48	VAR	VAR
	17	10.0	12	147	1764
	18	10.0	10	157	1570
	19	12.5	26	VAR	VAR
	20	12.5	6	VAR	VAR

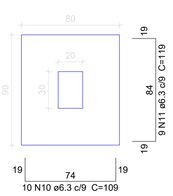
Resumo do aço

AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	246	66.2
	8.0	95.2	41.3
	10.0	105.9	71.8
	12.5	48.2	51.1
CA60	5.0	142.3	24.1
PESO TOTAL			
CA50	230.4		
CA60	24.1		

Vol. de concreto total (C-30) = 4.65 m³
Área de forma total = 32.16 m²

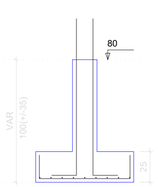
S10=S13

PLANTA
ESC 1:25



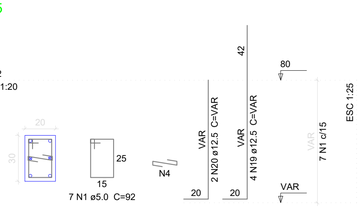
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³

CORTE
ESC 1:25



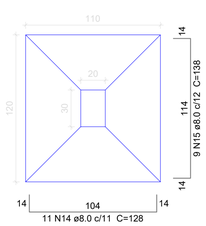
P15

1 - L2
ESC 1:20



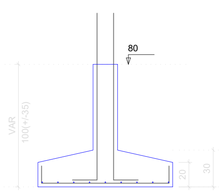
S15

PLANTA
ESC 1:25



Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1900.00 kgf/m³

CORTE
ESC 1:25



Revisões da Prancha

-	Comentários	Autor	Data
01	Revisão Geral	Fabio	22/10/2018

PREFEITURA MUNICIPAL DE PLANALTO

OBRA:
REFORMA E REVITALIZAÇÃO CÂMARA MUNICIPAL DE PLANALTO
PROJETO ESTRUTURAL
PRAÇA SÃO FRANCISCO DE ASSIS, PLANALTO, - PARANÁ.

MATRÍCULA
DESENHO: FABIO SABINO

RESPONSÁVEL TÉCNICO:
FABIO SABINO
CREA/PR-144165-D
ENGENHEIRO CIVIL

Área de intervenção: 422.60 m2
LOCALIDADE/BAIRRO: CENTRO
ESCALA: indicada
DATA: 22/10/2018
PREFEITO MUNICIPAL

FOLHA: ESTR. 02/10

A1