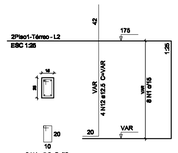
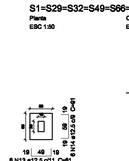
P1=P29=P32=P49=P66=P67

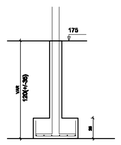


S1=S29=S32=S49=S66=S67
Planta
ESC 1:50

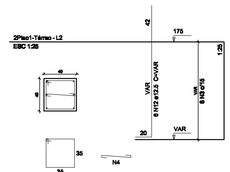


Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

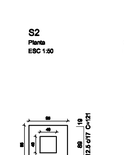
Corte
ESC 1:25



P2

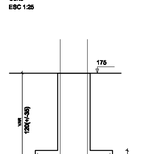


S2
Planta
ESC 1:50

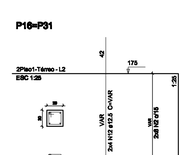


Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

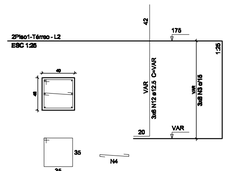
Corte
ESC 1:25



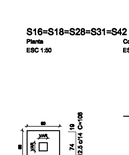
P16=P31



P18=P28=P42

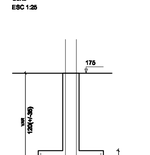


S16=S18=S28=S31=S42
Planta
ESC 1:50



Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

Corte
ESC 1:25



Relação do aço

6x8|1	S2	S6
S16	S22	S23
2xS35	S39	S51
S52	S58	S5-6
S62	S44-45	S60-61

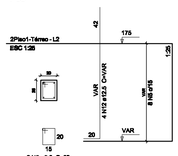
AÇO	N	DIAM	Q	UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	48	72	3456
	2	5.0	16	72	1152
	3	5.0	48	152	7296
	4	5.0	56	80	2800
	5	5.0	16	82	1312
	6	5.0	48	112	5376
	7	5.0	24	30	720
	8	5.0	32	92	2944
	9	5.0	8	112	896
	10	5.0	10	122	1220
	11	5.0	10	35	350
CA50	12	12.5	160	VAR	VAR
	13	12.5	35	81	2915
	14	12.5	36	91	3276
	15	12.5	75	108	8265
	16	12.5	12	111	1332
	17	12.5	6	118	696
	18	12.5	12	121	1452
	19	12.5	15	191	2715
	20	12.5	12	139	1512
	21	12.5	6	111	666
	22	12.5	12	121	1452
	23	12.5	12	136	1632
	24	12.5	7	166	1162
	25	12.5	8	151	1208
	26	12.5	39	136	5304
	27	12.5	6	141	846
	28	12.5	12	146	1752

Resumo do aço

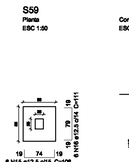
AÇO	DIAM	C.TOTAL (m)	PESO + 10 % (kg)
CA50	12.5	849.2	687.9
CA60	5.0	275.3	46.7
PESO TOTAL			
CA50	687.9		
CA60	46.7		

Vol. de concreto total (C-30) = 8.73 m³
Área de forma total = 58.71 m²

P59

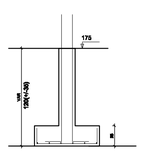


S59
Planta
ESC 1:50

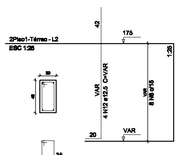


Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

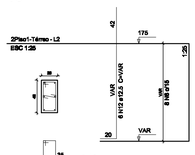
Corte
ESC 1:25



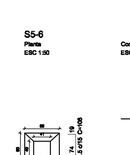
P5



P6

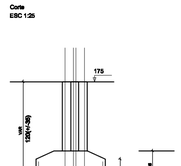


S5-6
Planta
ESC 1:50

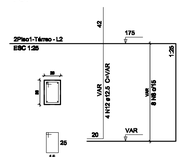


Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

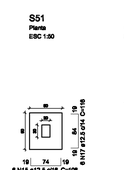
Corte
ESC 1:25



P51

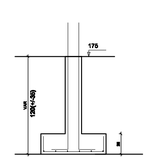


S51
Planta
ESC 1:50

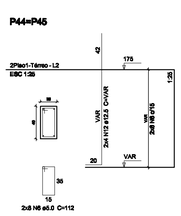


Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

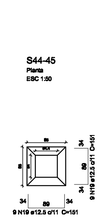
Corte
ESC 1:25



P44=P45

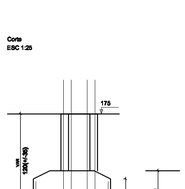


S44-45
Planta
ESC 1:50

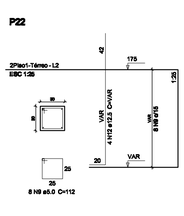


Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

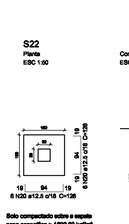
Corte
ESC 1:25



P22

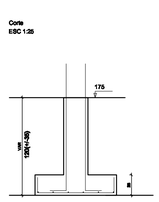


S22
Planta
ESC 1:50

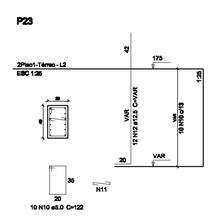


Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

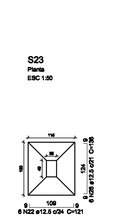
Corte
ESC 1:25



P23

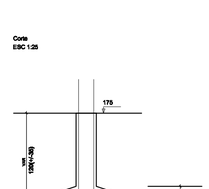


S23
Planta
ESC 1:50

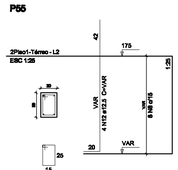


Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

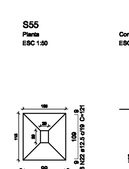
Corte
ESC 1:25



P55

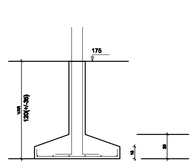


S55
Planta
ESC 1:50

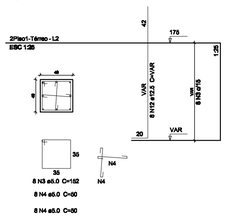


Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

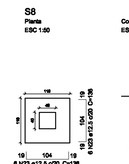
Corte
ESC 1:25



P6

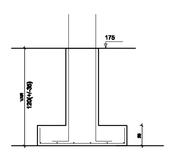


S8
Planta
ESC 1:50

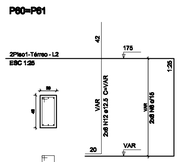


Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

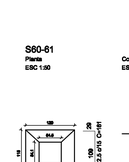
Corte
ESC 1:25



P60=P61

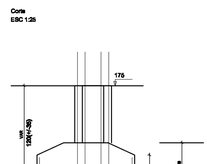


S60-61
Planta
ESC 1:50

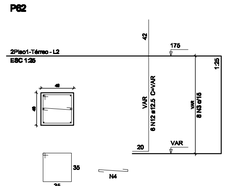


Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

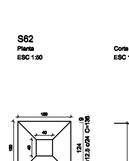
Corte
ESC 1:25



P62



S62
Planta
ESC 1:50



Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

Corte
ESC 1:25

P39

S39
Planta
ESC 1:50

Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

Corte
ESC 1:25

P9=P38

S9=S38
Planta
ESC 1:50

Solo compactado sobre a sapata
peso específico > 1800.00 kgf/m³

Corte
ESC 1:25

DETALHAMENTO DAS SAPATAS DO PISO1 - TÉRREO

ESCALA 1:50

FORMATO A0 - INTERNO: 1048 x 821 mm.
EXTERNO: 1189 x 841 mm.

VIRGILIO JOSÉ PENNA DA FONSECA
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Diamantina - MG - CEP: 39.100-000
Tel: (38) 3531-1415
virgilio@ufvjm.edu.br

PROJETO ESTRUTURAL
CENTRO DE ESTUDOS DE HUMANIDADES - UFVJM - DIAMANTINA-MG

DETALHAMENTOS
PISO1 - TÉRREO
DETALHAMENTO DAS SAPATAS

Escala: 1/50 | DESENHO 01
Desenho: | Revisão:
Data: 03/05/2012 | Unidade: cm
FOLHA 02/33