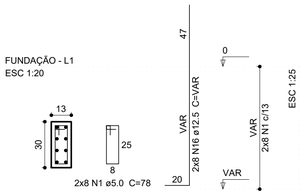
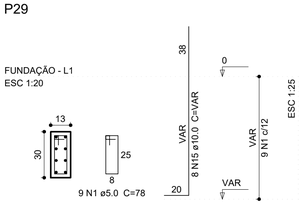
P1=P2

FUNDAÇÃO - L1
ESC 1:20



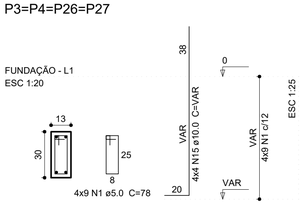
P29

FUNDAÇÃO - L1
ESC 1:20



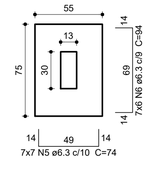
P3=P4=P26=P27

FUNDAÇÃO - L1
ESC 1:20

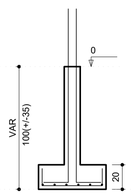


S1=S2=S3=S4=S26=S27=S29

PLANTA
ESC 1:25



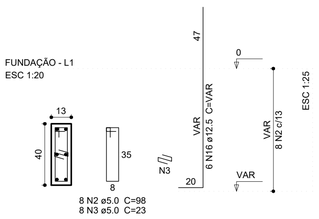
CORTE
ESC 1:25



Solo com capacidade de suporte > 1.30 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

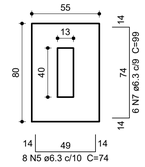
P30

FUNDAÇÃO - L1
ESC 1:20

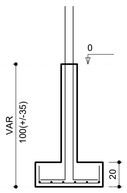


S30

PLANTA
ESC 1:25



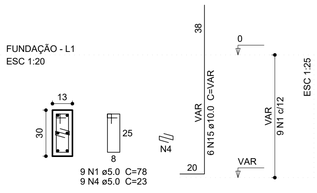
CORTE
ESC 1:25



Solo com capacidade de suporte > 1.30 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

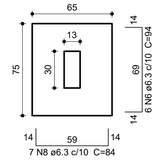
P24

FUNDAÇÃO - L1
ESC 1:20

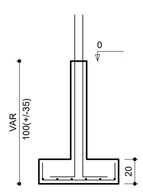


S24

PLANTA
ESC 1:25



CORTE
ESC 1:25



Solo com capacidade de suporte > 1.30 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

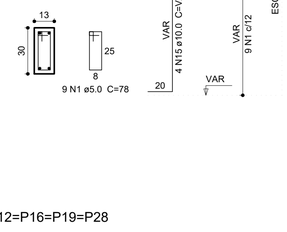
S5=S7=S8=S14

PLANTA
ESC 1:25

CORTE
ESC 1:25

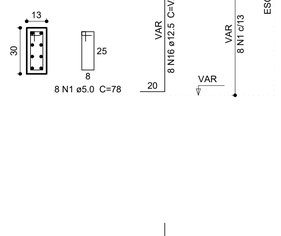
P14

FUNDAÇÃO - L1
ESC 1:20



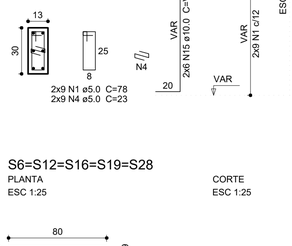
P5

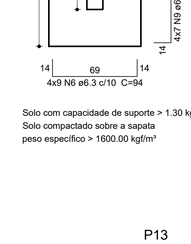
FUNDAÇÃO - L1
ESC 1:20



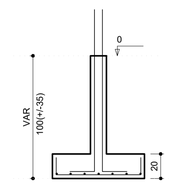
P7=P8

FUNDAÇÃO - L1
ESC 1:20



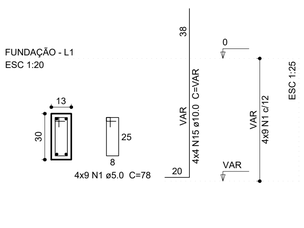


Solo com capacidade de suporte > 1.30 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³



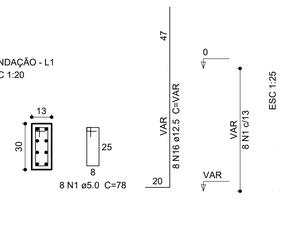
P12=P16=P19=P28

FUNDAÇÃO - L1
ESC 1:20



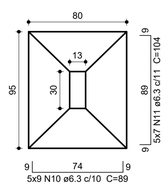
P6

FUNDAÇÃO - L1
ESC 1:20

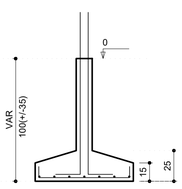


S6=S12=S16=S19=S28

PLANTA
ESC 1:25



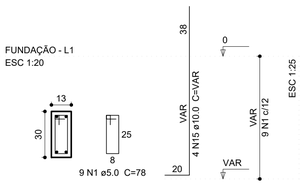
CORTE
ESC 1:25



Solo com capacidade de suporte > 1.30 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

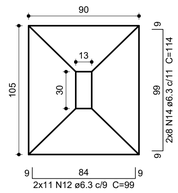
P13

FUNDAÇÃO - L1
ESC 1:20

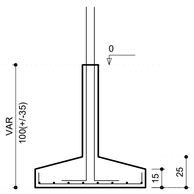


S18=S22

PLANTA
ESC 1:25



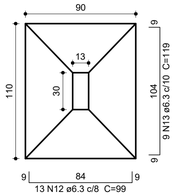
CORTE
ESC 1:25



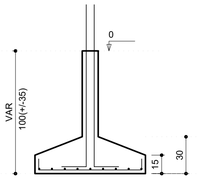
Solo com capacidade de suporte > 1.30 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S13

PLANTA
ESC 1:25



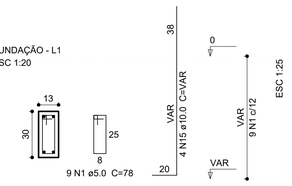
CORTE
ESC 1:25



Solo com capacidade de suporte > 1.30 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P18

FUNDAÇÃO - L1
ESC 1:20



DETALHES DAS SAPATAS

ESC.: 1/50

Relação do aço
SAPATAS

S1 S12 S13
S14 S22 S24
S30

AÇO	N	DIAM (mm)	QUANT (Barras)	UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	175	78	13650
	2	5.0	8	98	784
	3	5.0	8	23	184
	4	5.0	27	23	621
CA50	5	6.3	57	74	4218
	6	6.3	84	94	7896
	7	6.3	6	99	594
	8	6.3	7	84	588
	9	6.3	28	109	3052
	10	6.3	45	89	4005
	11	6.3	35	104	3640
	12	6.3	35	99	3465
	13	6.3	9	119	1071
	14	6.3	16	114	1824
	15	10.0	70	VAR	VAR
	16	12.5	50	VAR	VAR

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	303.6	81.7
	10.0	109.2	74.1
	12.5	82	86.9
CA60	5.0	152.4	25.8

PESO TOTAL (kg)	
CA50	242.7
CA60	25.8

Volume de concreto (C-25) = 3.44 m³
Área de forma = 30.04 m²

REV.	DATA	DESCRIÇÃO	RESP.

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PROJETO ESTRUTURAL PARA CONSTRUÇÃO DE UM CRAS, A SER CONSTRUÍDO NO MUNICÍPIO DE SANTANA DO IPANEMA - AL

LOCALIZAÇÃO:
END: Dorival Cavalcante Rocha
CIDADE: SANTANA DO IPANEMA/AL

ÁREAS:

Espaço reservado aos carimbos de aprovação:

PROPRIETÁRIO: PREFEITURA MUNICIPAL DE SANTANA DO IPANEMA/AL

PROJETO: MARCUS VINICIUS NUNES SILVA RN0216086124

RESPONSÁVEL TÉCNICO:

PROJETO ESTRUTURAL

PRANCHA: 03/08

CONTEÚDO: - DETALHES DAS SAPATAS

CATEGORIA: EST

DESENHO: MARCUS NUNES | ESCALA: INDICADA | DATA: JUL / 2018

CÓD. EMPREEND. C R A | ESPECIALIDADE E S T | FASE E | Nº DESENHO 0 0 3 | QUANT DESENHOS 0 0 8 | REVISÃO 0 0