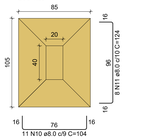
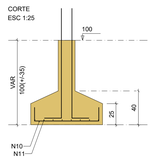
S8=S22=S36

PLANTA
ESC 1:25



Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



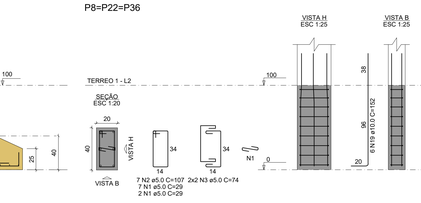
P8=P22=P36

TERREO 1 - L2

SEÇÃO
ESC 1:20

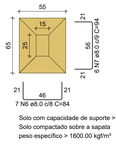
VISTA H
ESC 1:25

VISTA B
ESC 1:25



S9

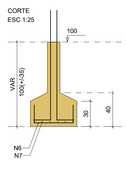
PLANTA
ESC 1:25



Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P9

CORTE
ESC 1:25

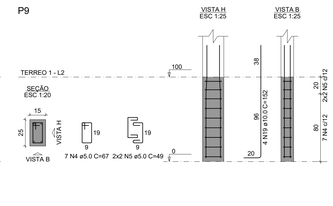


TERREO 1 - L2

SEÇÃO
ESC 1:20

VISTA H
ESC 1:25

VISTA B
ESC 1:25



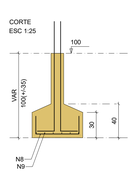
S10=S11=S12=S13=S53=S54=S55

PLANTA
ESC 1:25

Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P10=P11=P12=P13=P53=P54=P55

CORTE
ESC 1:25

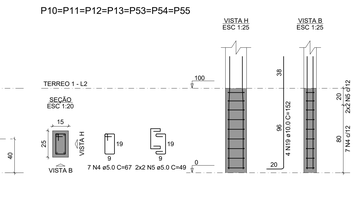


TERREO 1 - L2

SEÇÃO
ESC 1:20

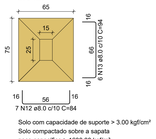
VISTA H
ESC 1:25

VISTA B
ESC 1:25



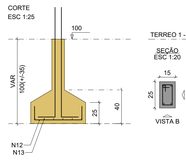
S23=S25=S37=S38=S39

PLANTA
ESC 1:25



Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



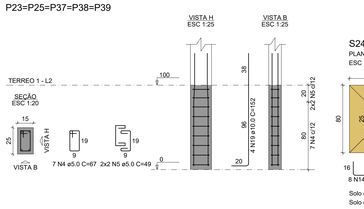
P23=P25=P37=P38=P39

TERREO 1 - L2

SEÇÃO
ESC 1:20

VISTA H
ESC 1:25

VISTA B
ESC 1:25

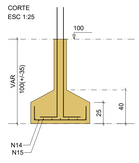


S24=S26=S27

PLANTA
ESC 1:25

Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



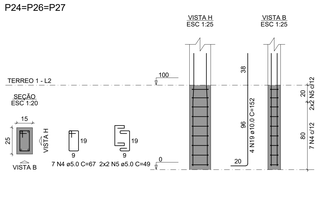
P24=P26=P27

TERREO 1 - L2

SEÇÃO
ESC 1:20

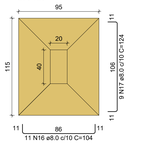
VISTA H
ESC 1:25

VISTA B
ESC 1:25



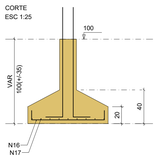
S40=S41=S48=S49=S56=S57

PLANTA
ESC 1:25



Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



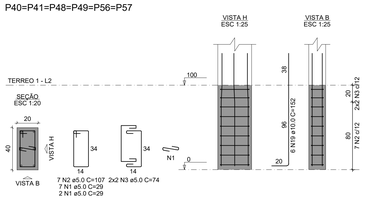
P40=P41=P48=P49=P56=P57

TERREO 1 - L2

SEÇÃO
ESC 1:20

VISTA H
ESC 1:25

VISTA B
ESC 1:25



S52

PLANTA
ESC 1:25

Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

P52

TERREO 1 - L2

SEÇÃO
ESC 1:20

VISTA H
ESC 1:25

VISTA B
ESC 1:25

RELAÇÃO DO AÇO

3xP8	P9	7xP10	
5xP23	3xP24	6xP40	
P52	S8	7xS10	
3xS22	5xS23	3xS24	
6xS41	S52		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TO (c
CA60	1	5.0	90	29	
	2	5.0	70	107	
	3	5.0	40	74	
	4	5.0	112	67	
	5	5.0	64	49	
CA50	6	8.0	7	84	
	7	8.0	15	94	
	8	8.0	49	69	
	9	8.0	42	99	
	10	8.0	33	104	
	11	8.0	33	124	
	12	8.0	35	84	
	13	8.0	30	94	
	14	8.0	24	89	
	15	8.0	21	99	
	16	8.0	66	104	
	17	8.0	54	124	
	18	8.0	7	114	
	19	10.0	124	152	

RESUMO DO AÇO

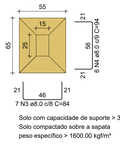
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	412.6	179.1
	10.0	188.5	127.8
CA60	5.0	237	40.2
PESO TOTAL (Kg)			
CA50	306.9		
CA60	40.2		

Volume de concreto (C-25) = 6.24 m³
Área de forma = 35.60 m²

P4=P5=P64=P65=P66=P67=P69

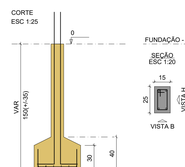
S4=S5=S64=S65=S66=S67=S69

PLANTA
ESC 1:25



Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

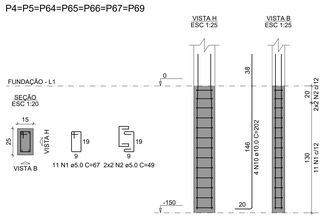


FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

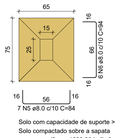
VISTA H
ESC 1:25

VISTA B
ESC 1:25



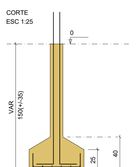
S14=S18=S59=S60=S61

PLANTA
ESC 1:25



Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



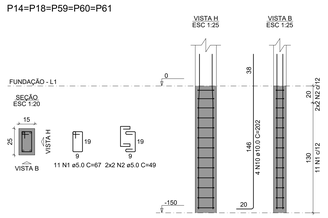
P14=P18=P59=P60=P61

FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

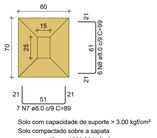
VISTA H
ESC 1:25

VISTA B
ESC 1:25



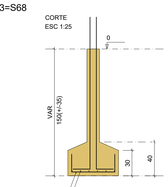
S15=S16=S17=S19=S33=S47=S63=S68

PLANTA
ESC 1:25



Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



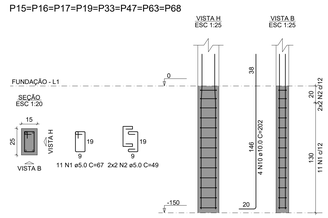
P15=P16=P17=P19=P33=P47=P63=P68

FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

VISTA H
ESC 1:25

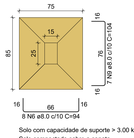
VISTA B
ESC 1:25



P28=P29=P30=P31=P32=P42=P43=P44 =P45=P46=P58=P62

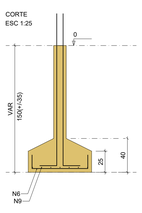
S28=S29=S30=S31=S32=S42=S43=S44=S45=S46 =S58=S62

PLANTA
ESC 1:25



Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

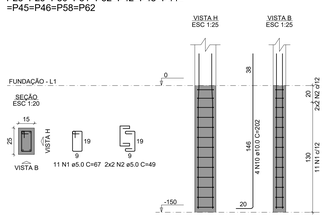


FUNDAÇÃO - L1

SEÇÃO
ESC 1:20

VISTA H
ESC 1:25

VISTA B
ESC 1:25



RELAÇÃO DO AÇO

7xP4	5xP14	8xP15
12xP28	7xS4	5xS14
8xS15	12xS28	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TO (c
CA60	1	5.0	352	67	2
	2	5.0	128	49	
CA50	3	8.0	49	84	
	4	8.0	42	94	
	5	8.0	35	84	
	6	8.0	126	94	1
	7	8.0	56	89	
	8	8.0	48	99	
	9	8.0	84	104	
	10	10.0	128	202	2

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	413.2	179.3
	10.0	258.6	175.4
CA60	5.0	298.6	50.6
PESO TOTAL (kg)			
CA50	354.7		
CA60	50.6		

Volume de concreto (C-25) = 6.54 m³
Área de forma = 52.54 m²

PREFEITURA MUNICIPAL DE IGUATU
SECRETARIA DA INFRAESTRUTURA

PROJETO DE ESTRUTURAS EM CONCRETO - SEDE DA SECRETARIA DE SEGURANÇA E GUARDA CIVIL DE IGUATU

Local: RUA 7 DE SETEMBRO, SN, BAIRRO COCOBÓ, IGUATU-CE

Conteúdo	Escala	Prancha
SAPATAS TERREO 1	1:25	07/13
SAPATAS FUNDAÇÃO	1:25	

Responsável técnico | Data: Jan/2026 | Revisão: - | Desenho

Formato ABNT ISO A0 (1.189 x 841 mm)