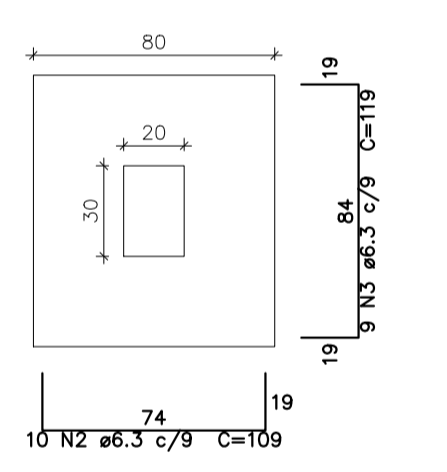


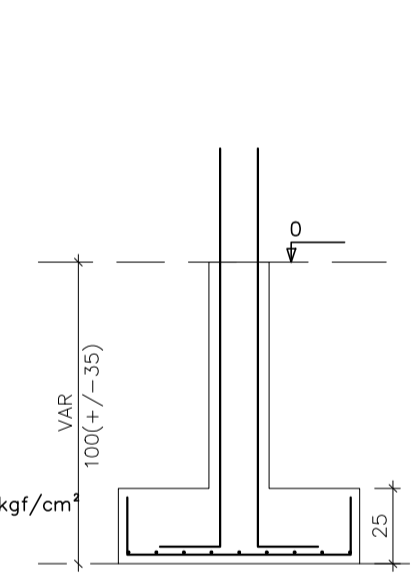
PLANTA DE LOCAÇÃO
escala 1:50

S1=S5=S11
PLANTA
ESC 1:25



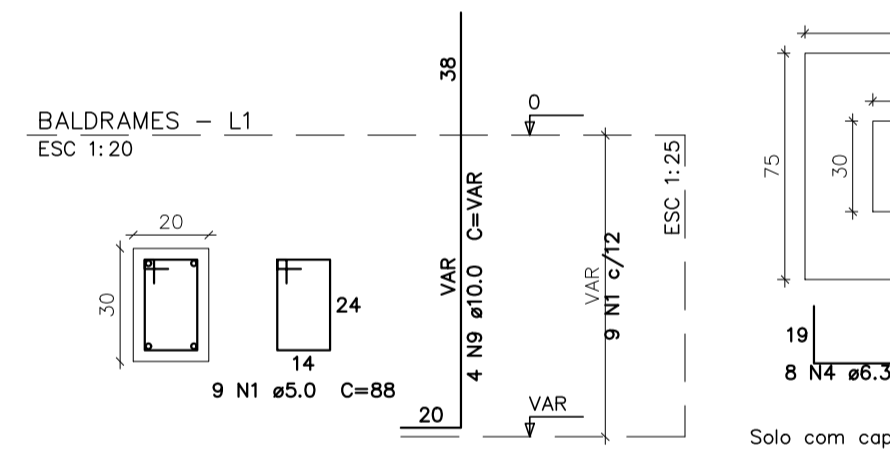
Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



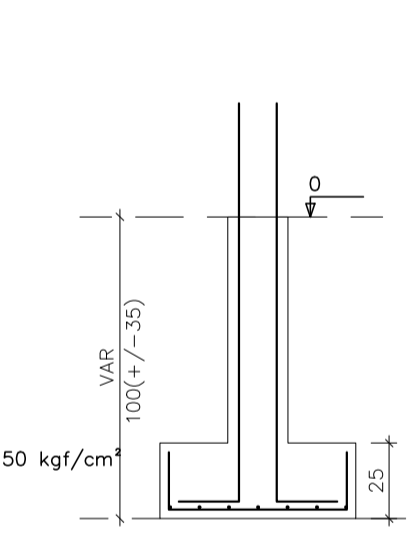
S2=S3=S7=S8=S9=S13=S14=S17=S18=S19=S20
PLANTA
ESC 1:25

P2=P3=P7=P8=P9=P13=P14=P17=P18=P19=P20
BALDRAMES - L1
ESC 1:20



Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



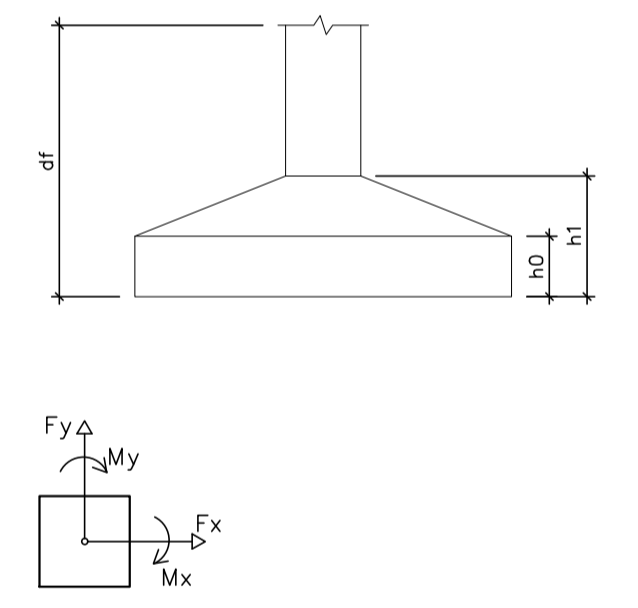
Relação do aço

AÇO	N	DIAM	Ø	UNIT	C.TOTAL
CA60	1	5.0	189	88	16632
CA50	2	6.3	54	109	5866
	3	6.3	27	119	3213
	4	6.3	88	94	8272
	5	6.3	77	104	8008
	6	6.3	27	99	2673
	7	6.3	52	124	6448
	8	6.3	40	134	5360
	9	10.0	84	VAR	VAR

Resumo do aço

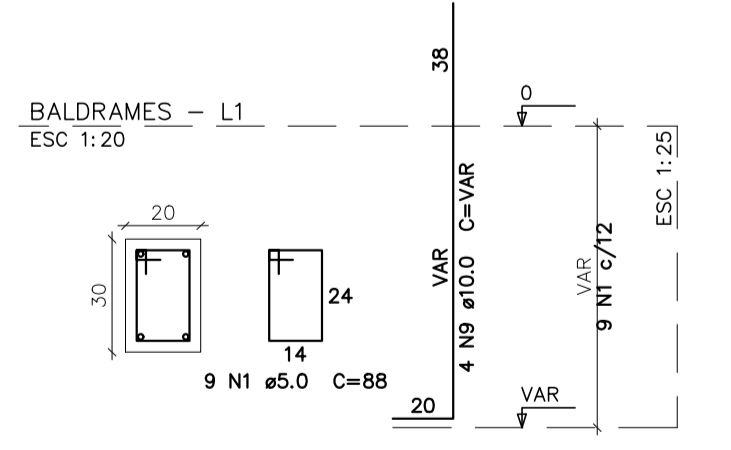
AÇO	DIAM	C.TOTAL	PESO + 10 %
CA50	6.3	398.6	107.3
CA60	10.0	131.1	88.9
CA60	5.0	166.4	28.2

Vol. de concreto total (C-25) = 4.56 m³
Área de forma total = 37.5 m²

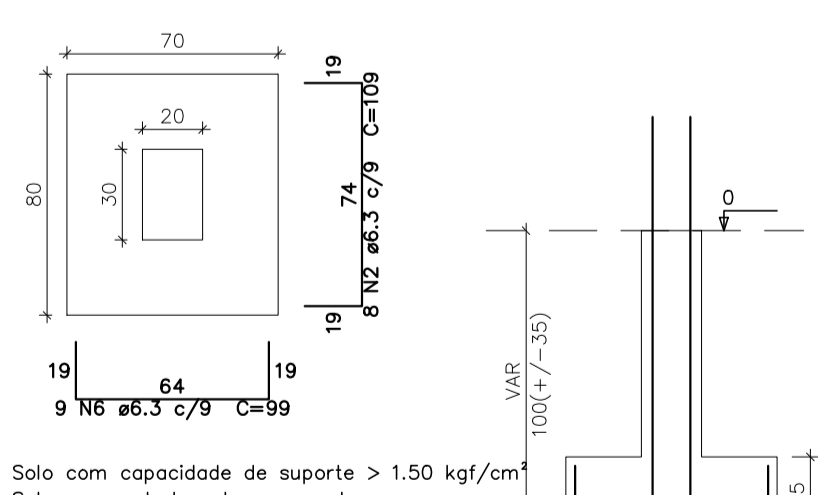


Nome	Seção (cm)	Carga Máx. (tf)	Pilar			Fundação					
			Mx (tf.m)	My (tf.m)	Fx (tf)	Fy (tf)	Lado B (cm)	Lado H (cm)	h1 (cm)	h2 (cm)	df (cm)
P1	20x30	4.8	0.4	0.2	0.4	1.1	80	90	25	25	100
P2	20x30	5.1	0.0	0.0	0.0	0.0	65	75	25	25	100
P3	20x30	4.8	0.0	0.0	0.0	0.0	65	75	25	25	100
P4	20x30	5.8	0.0	0.0	0.0	0.0	70	80	25	25	100
P5	20x30	7.8	0.1	0.1	0.1	0.1	80	90	25	25	100
P6	20x30	5.8	0.0	0.0	0.0	0.0	70	80	25	25	100
P7	20x30	4.9	0.0	0.0	0.0	0.0	65	75	25	25	100
P8	20x30	5.0	0.0	0.0	0.0	0.0	65	75	25	25	100
P9	20x30	5.0	0.0	0.0	0.0	0.0	65	75	25	25	100
P10	20x30	5.4	0.6	0.2	0.6	1.8	95	105	25	25	100
P11	20x30	4.7	0.4	0.3	0.9	1.0	80	90	25	25	100
P12	20x30	10.6	0.1	0.1	0.2	0.3	95	105	25	25	100
P13	20x30	5.4	0.0	0.0	0.0	0.0	65	75	25	25	100
P14	20x30	5.1	0.0	0.0	0.0	0.0	65	75	25	25	100
P15	20x30	5.9	0.0	0.0	0.0	0.0	70	80	25	25	100
P16	20x30	9.1	0.2	0.1	0.2	0.6	95	105	25	25	100
P17	20x30	5.7	0.0	0.0	0.0	0.0	65	75	25	25	100
P18	20x30	5.6	0.0	0.0	0.0	0.0	65	75	25	25	100
P19	20x30	5.7	0.0	0.0	0.0	0.0	65	75	25	25	100
P20	20x30	4.8	0.0	0.0	0.0	0.0	65	75	25	25	100
P21	20x30	5.4	0.6	0.3	0.8	1.7	95	105	25	25	100

P4=P6=P15
BALDRAMES - L1
ESC 1:20

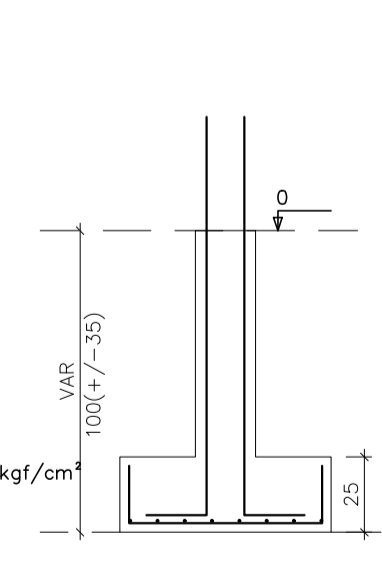


S4=S6=S15
PLANTA
ESC 1:25

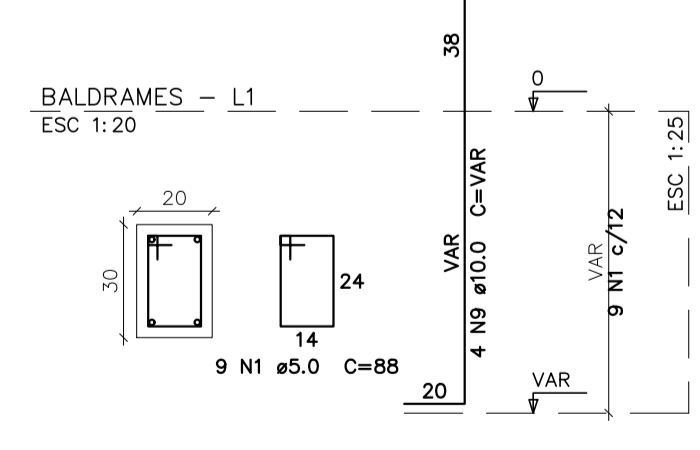


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

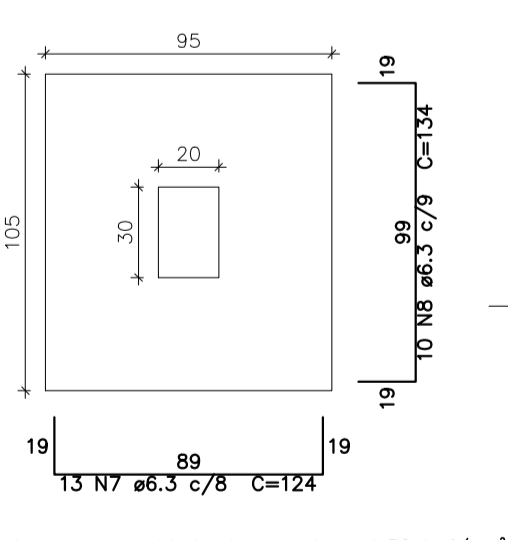
CORTE
ESC 1:25



P10=P12=P16=P21
BALDRAMES - L1
ESC 1:20

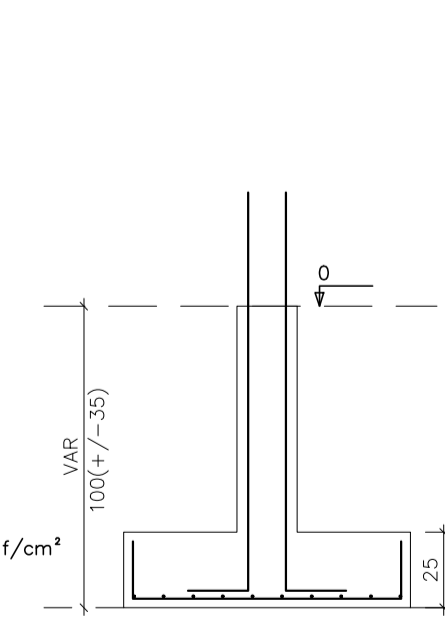


S10=S12=S16=S21
PLANTA
ESC 1:25

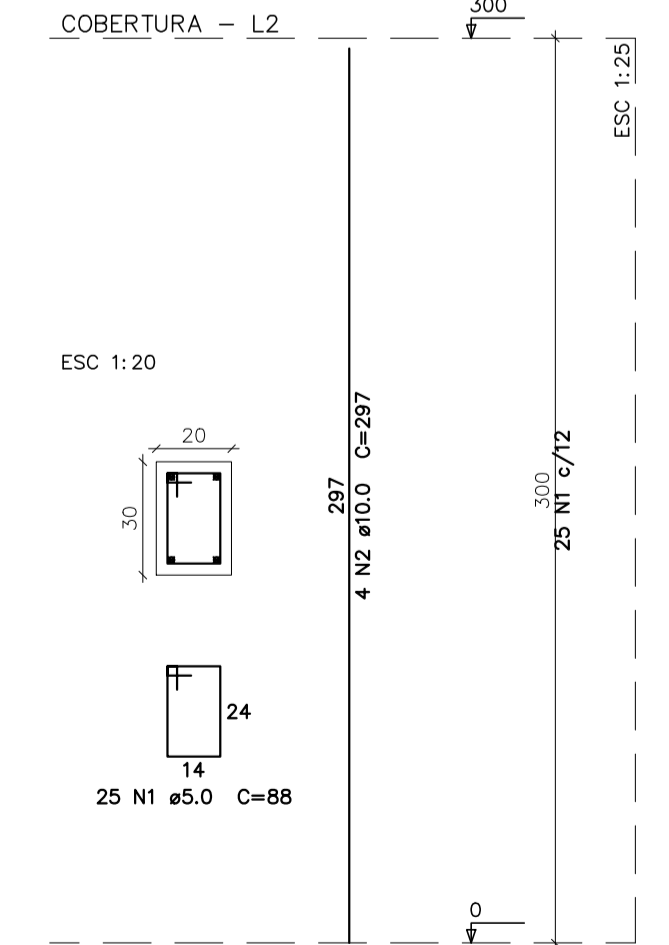


Solo com capacidade de suporte > 1.50 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



P1=P2=P3=P4=P5=P6=P7=P8=P9=P10=P11=P12
=P13=P14=P15=P16=P17=P18=P19=P20=P21
COBERTURA - L2
ESC 1:20



Relação do aço

AÇO	N	DIAM	Ø	UNIT	C.TOTAL
CA60	1	5.0	525	88	46200
CA50	2	10.0	84	297	24948

Resumo do aço

AÇO	DIAM	C.TOTAL	PESO + 10 %
CA50	10.0	249.5	169.2
CA60	5.0	462	78.3

Vol. de concreto total (C-25) = 3.78 m³
Área de forma total = 63 m²

PLANTA PILARES
escala 1:50

PLANTA DETALHES FUNDAÇÃO
escala 1:50

ASSINATURAS		APROVAÇÃO PROJETO	
R.T.	LEONARDO JOSÉ GOMES NETO ENGENHEIRO CIVIL - CREA 90.678/D	PROJ.	PREFEITURA MUNICIPAL DE ARAUJOS - MG
IDENTIFICAÇÃO	PROJETO ESTRUTURA CONCRETO VESTIÁRIO - PARQUE DE DONA FILHINHA, ESCOLA QUESINHO - ARAUJOS - MG	PROF.	ESTRUTURA DE CONCRETO
CONTEÚDO	01/04/2019 EMISSÃO INICIAL	FORMAÇÃO	PQ. EXPOSIÇÕES CMA
REV.	DATA	01/03	01
	DESCRIÇÃO DO TRABALHO E/OU REVISÃO		A1