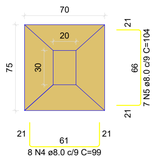
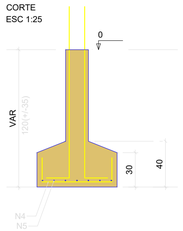
S5

PLANTA
ESC 1:25



CORTE
ESC 1:25

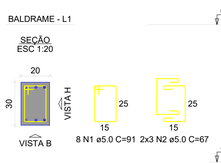


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

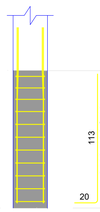
P5

BALDRAME - L1

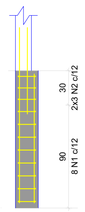
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

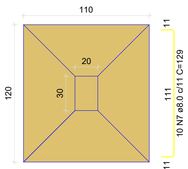


VISTA B
ESC 1:25

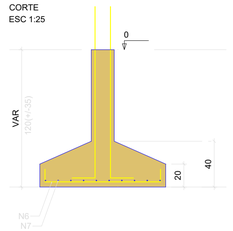


S9

PLANTA
ESC 1:25



CORTE
ESC 1:25

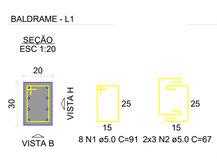


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

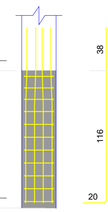
P9

BALDRAME - L1

SEÇÃO
ESC 1:20



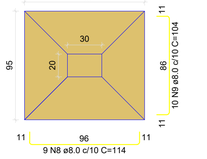
VISTA H
ESC 1:25



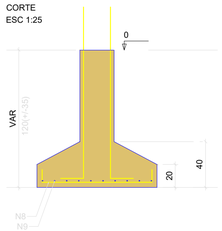
VISTA B
ESC 1:25

S12

PLANTA
ESC 1:25



CORTE
ESC 1:25

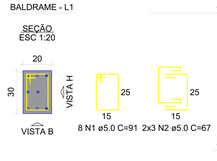


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

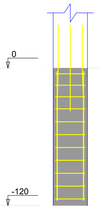
P12

BALDRAME - L1

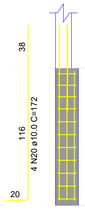
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

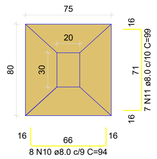


VISTA B
ESC 1:25

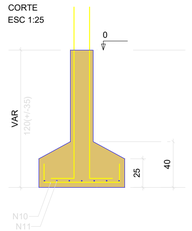


S14=S17

PLANTA
ESC 1:25



CORTE
ESC 1:25

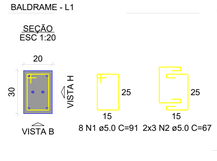


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

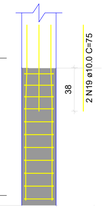
P14=P17

BALDRAME - L1

SEÇÃO
ESC 1:20



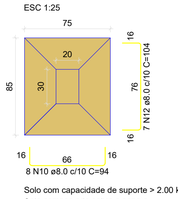
VISTA H
ESC 1:25



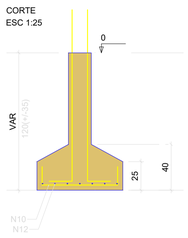
VISTA B
ESC 1:25

S18

PLANTA
ESC 1:25



CORTE
ESC 1:25

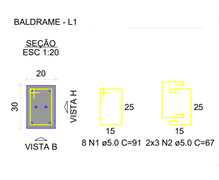


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

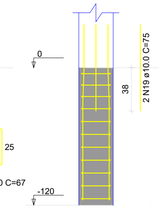
P18

BALDRAME - L1

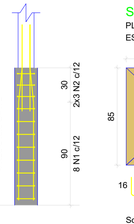
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

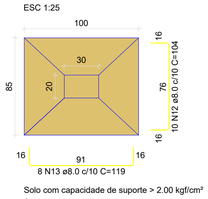


VISTA B
ESC 1:25

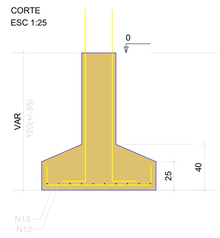


S19

PLANTA
ESC 1:25



CORTE
ESC 1:25

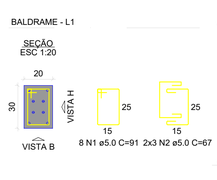


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

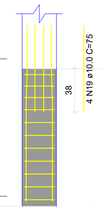
P19

BALDRAME - L1

SEÇÃO
ESC 1:20



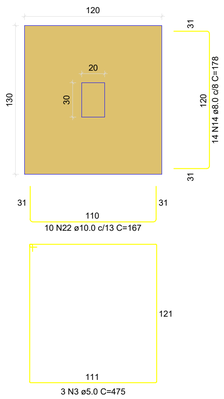
VISTA H
ESC 1:25



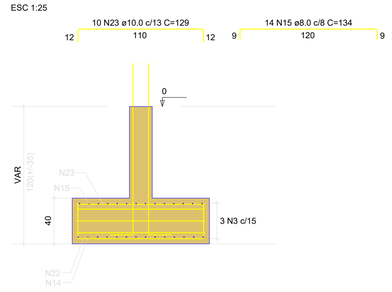
VISTA B
ESC 1:25

S21

PLANTA
ESC 1:25



CORTE
ESC 1:25

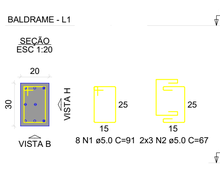


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

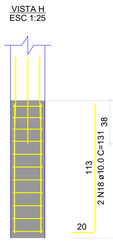
P21

BALDRAME - L1

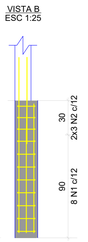
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

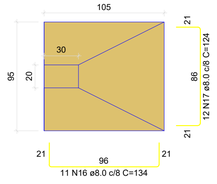


VISTA B
ESC 1:25

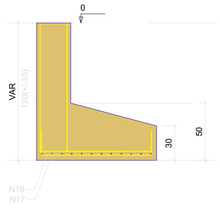


S24

PLANTA
ESC 1:25



CORTE
ESC 1:25

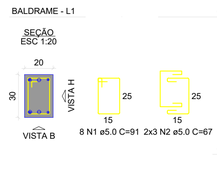


Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

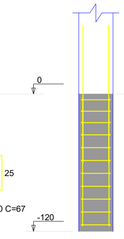
P24

BALDRAME - L1

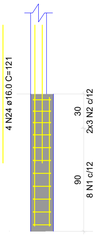
SEÇÃO
ESC 1:20



VISTA H
ESC 1:25



VISTA B
ESC 1:25



RELAÇÃO DO AÇO

P5	P9	P12	
2xP14	P18	P19	
P21	P24	S9	
S12	S14=S17	S18	
S19	2xS14	S21	
S24			

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	72	91	6552
	2	5.0	54	67	3618
	3	5.0	3	475	1425
CA50	4	8.0	8	99	792
	5	8.0	7	104	728
	6	8.0	12	119	1428
	7	8.0	10	129	1290
	8	8.0	8	114	1026
	9	8.0	10	104	1040
	10	8.0	24	94	2256
	11	8.0	14	99	1386
	12	8.0	17	104	1768
	13	8.0	8	119	952
	14	8.0	14	178	2492
	15	8.0	14	134	1876
	16	8.0	11	134	1474
	17	8.0	12	124	1488
	18	10.0	6	131	786
	19	10.0	16	75	1200
	20	10.0	34	172	5848
	21	10.0	4	184	736
	22	10.0	10	167	1670
	23	10.0	10	129	1290
	24	16.0	4	121	484

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	200	86.8
	10.0	115.3	78.2
	16.0	4.8	8.4
CA60	5.0	116	19.7

PESO TOTAL (kg)	
CA50	173.4
CA60	19.7

Volume de concreto (C-25) = 3.14 m³
Área de forma = 16.36 m²

MARCIO ROBERTO LORINI:00141299061

Assinado digitalmente por MARCIO ROBERTO LORINI:00141299061
ND: C=BR, O=ICP-Brasil, OU=31725974000166, OU=Secretaria da Receita Federal do Brasil - RFB, OU=RFB e-CPF A3, OU=(EM BRANCO), OU=presencial, CN=MARCIO ROBERTO LORINI:00141299061
Razão: Eu sou o autor deste documento
Localização:
Data: 2026.01.30 10:01:12-03'00'
Foxit PDF Reader Versão: 12.1.3