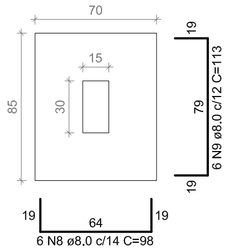
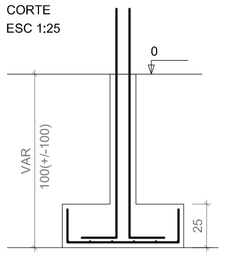
S1=S3=S4=S11=S18

PLANTA
ESC 1:25



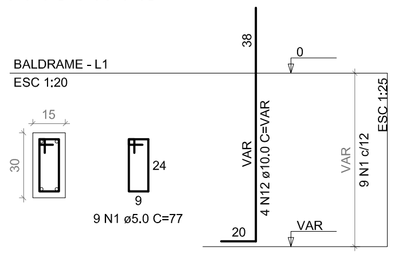
CORTE
ESC 1:25



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

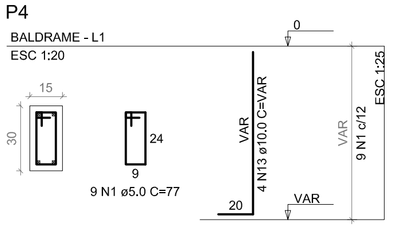
P1=P3=P11=P18

BALDRAME - L1
ESC 1:20



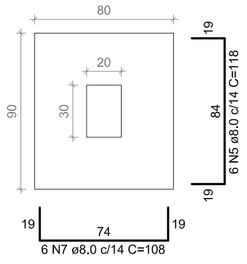
P4

BALDRAME - L1
ESC 1:20



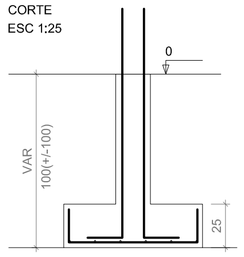
S2=S10=S17=S24

PLANTA
ESC 1:25



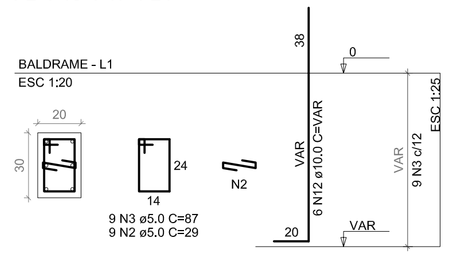
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



P2=P10=P17=P24

BALDRAME - L1
ESC 1:20



RELAÇÃO DO AÇO

4xP1	4xP2	P4
2xP5	7xP6	3xP7
5xP8	P26	5xS8
4xS10	5xS11	12xS14
S26		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5,0	144	77	11088
	2	5,0	99	29	2871
	3	5,0	36	87	3132
	4	5,0	63	107	6741
CA50	5	8,0	64	118	7552
	6	8,0	30	138	4140
	7	8,0	96	108	10368
	8	8,0	30	98	2940
	9	8,0	37	113	4181
	10	8,0	72	93	6696
	11	8,0	6	128	768
	12	10,0	128	VAR	VAR
	13	10,0	8	VAR	VAR

RESUMO DO AÇO

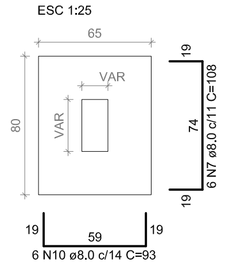
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	366.4	159.1
	10.0	204.8	138.9
CA60	5.0	238.3	40.4

PESO TOTAL (kg)	
CA50	297.9
CA60	40.4

Volume de concreto (C-25) = 5.99 m³
Área de forma = 48.70 m²

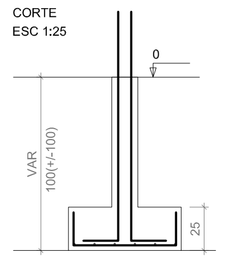
S5=S6=S7=S9=S13=S14=S16=S20=S21=S23=S25 =S27

PLANTA
ESC 1:25



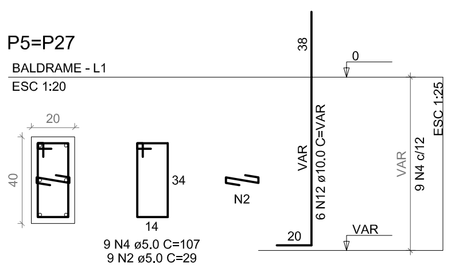
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



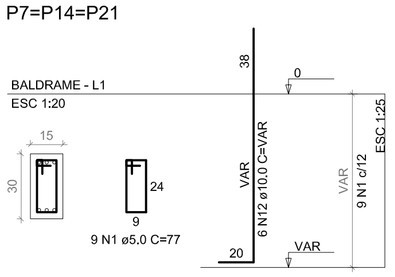
P5=P27

BALDRAME - L1
ESC 1:20



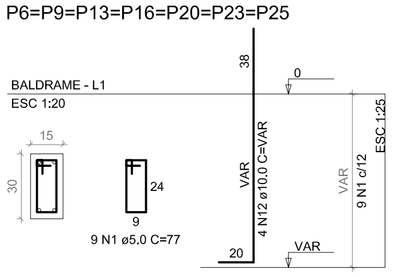
P7=P14=P21

BALDRAME - L1
ESC 1:20



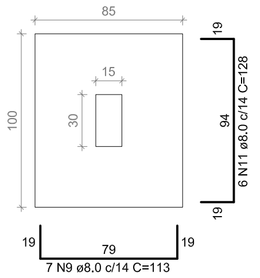
P6=P9=P13=P16=P20=P23=P25

BALDRAME - L1
ESC 1:20



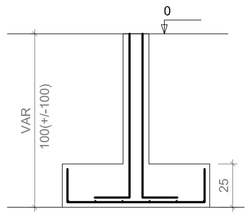
S26

PLANTA
ESC 1:25



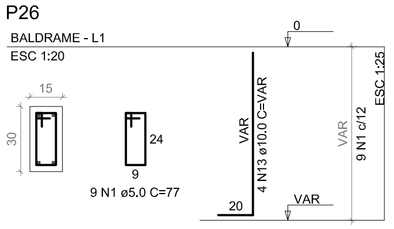
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



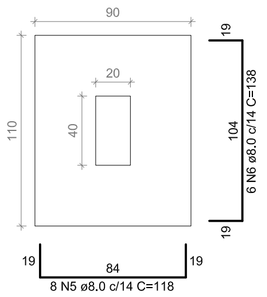
P26

BALDRAME - L1
ESC 1:20



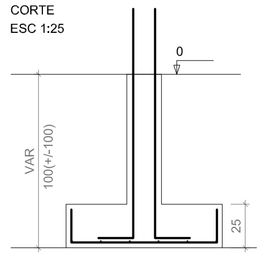
S8=S12=S15=S19=S22

PLANTA
ESC 1:25



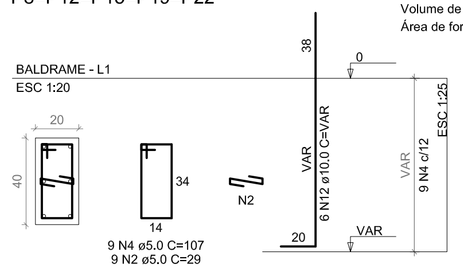
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



P8=P12=P15=P19=P22

BALDRAME - L1
ESC 1:20



Legenda das Armaduras	
⊗	Barra que morre
○	Barra que passa
⊖	Barra que nasce

CONCRETO USINADO
Fck: 25 MPa

FUNDAÇÕES
Escala 1:50

EXTERNO: 841 x 594 mm.

PROJETO:
IRAN CARLOS SARTORI
CREA/SC 148.174-6

PROPRIETARIO:
PREFEITURA MUNICIPAL DE JOAÇABA
CNPJ: 82 939380/0001-99

OBRA:
AMPLIAÇÃO E REFORMA E.M. NUPERAJO
BR 282 KM 396 (Acesso Linha Abatti) - Interior - Joaçaba (SC)

PROJETO:
Projeto Estrutural Salas e Pátio
Detalhamento das Fundações

FOLHA:
02 / 09

ÁREA TERRENO:
XX m²

DESENHISTA:	DATA:	ESCALA:	ÁREA EDIFICAÇÃO:
IRAN CARLOS SARTORI	FEV/2018	INDICADA	480,00 m²