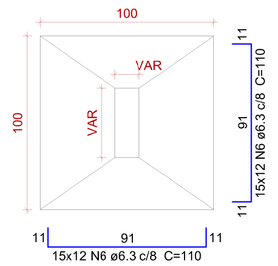
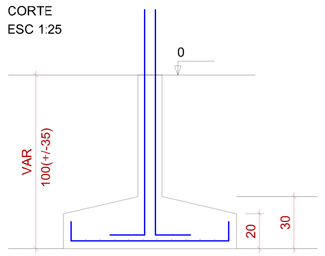
S1=S2=S3=S4=S5=S6=S7=S8=S10=S12=S14=S15 =S18=S19=S20

PLANTA
ESC 1:25



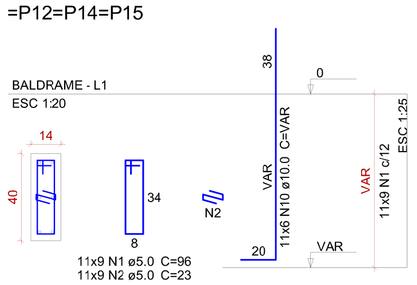
CORTE
ESC 1:25



Solo com capacidade de suporte > 1.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P1=P2=P3=P4=P5=P6=P7=P8=P10= =P12=P14=P15

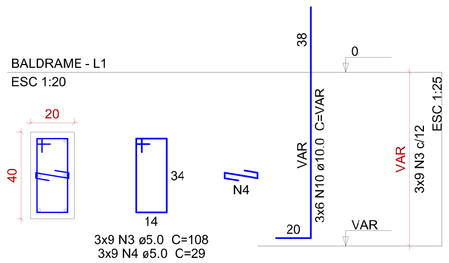
BALDRAME - L1
ESC 1:20



11x9 N1 ø5.0 C=96
11x9 N2 ø5.0 C=23

P18=P19=P20

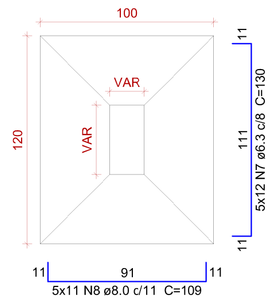
BALDRAME - L1
ESC 1:20



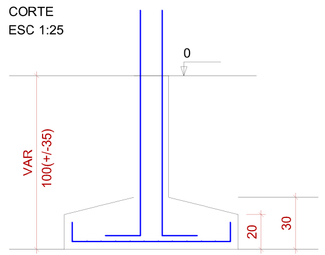
3x9 N3 ø5.0 C=108
3x9 N4 ø5.0 C=29

S9=S11=S13=S17=S21

PLANTA
ESC 1:25



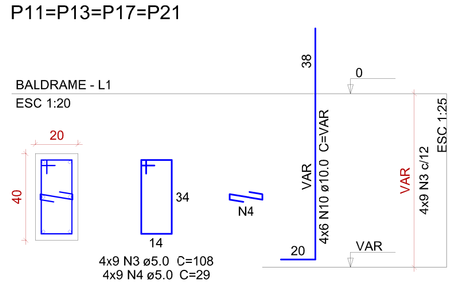
CORTE
ESC 1:25



Solo com capacidade de suporte > 1.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P11=P13=P17=P21

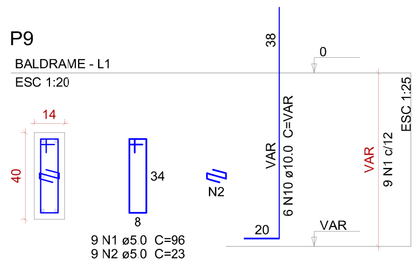
BALDRAME - L1
ESC 1:20



4x9 N3 ø5.0 C=108
4x9 N4 ø5.0 C=29

P9

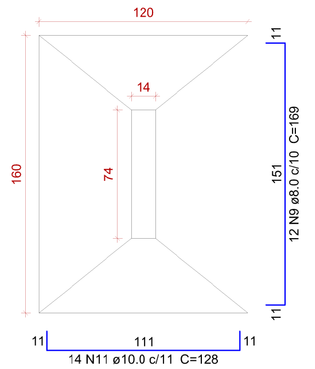
BALDRAME - L1
ESC 1:20



9 N1 ø5.0 C=96
9 N2 ø5.0 C=23

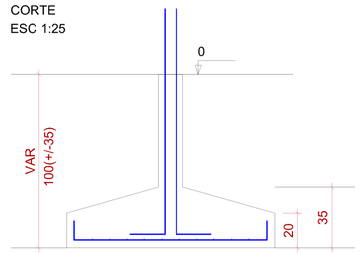
S16

PLANTA
ESC 1:25



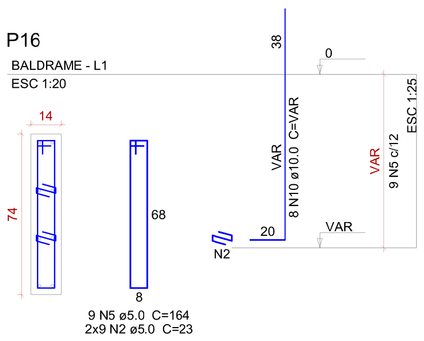
Solo com capacidade de suporte > 1.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



P16

BALDRAME - L1
ESC 1:20



9 N5 ø5.0 C=164
2x9 N2 ø5.0 C=23

SAPATAS E PILARES DE FUNDAÇÃO

Escala Indicada

Relação do aço

S1 S11 S16

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	108	96	10368
	2	5.0	126	23	2898
	3	5.0	63	108	6804
	4	5.0	63	29	1827
	5	5.0	9	164	1476
CA50	6	6.3	360	110	39600
	7	6.3	60	130	7800
	8	8.0	55	109	5995
	9	8.0	12	169	2028
	10	10.0	122	VAR	VAR
	11	10.0	14	128	1792

Resumo do aço

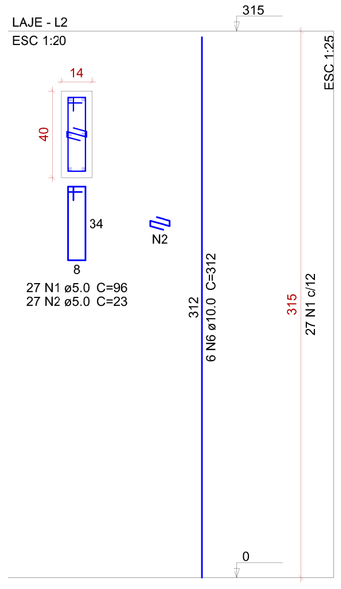
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	474	127.6
	8.0	80.3	34.8
	10.0	203.4	137.9
CA60	5.0	233.8	39.6

PESO TOTAL (kg)	
CA50	300.3
CA60	39.6

Volume de concrete (C-25) = 7.01 m³
Área de forma = 41.72 m²

P1=P2=P3=P4=P5=P6=P7=P8= =P9=P10=P12=P14=P15

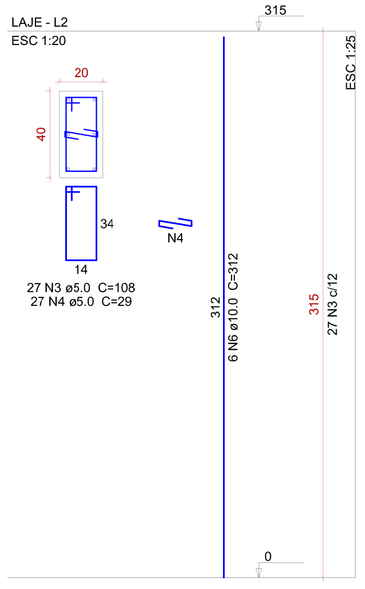
LAJE - L2
ESC 1:20



27 N1 ø5.0 C=96
27 N2 ø5.0 C=23

P11=P13=P17=P18=P19=P20= =P21

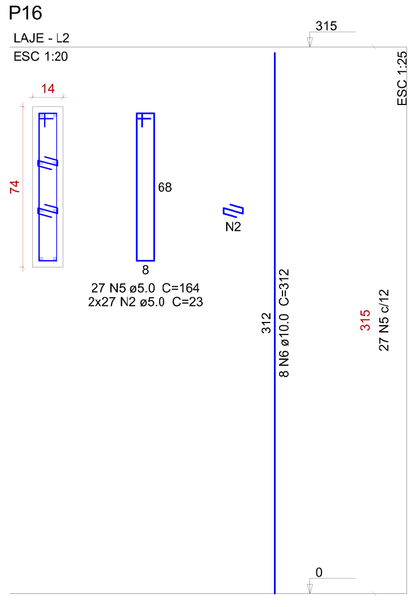
LAJE - L2
ESC 1:20



27 N3 ø5.0 C=108
27 N4 ø5.0 C=29

P16

LAJE - L2
ESC 1:20



27 N5 ø5.0 C=164
2x27 N2 ø5.0 C=23

PILARES 200

Escala Indicada

Relação do aço

13xP1 7xP11 P16

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	351	96	33696
	2	5.0	405	23	9315
	3	5.0	189	108	20412
	4	5.0	189	29	5481
	5	5.0	27	164	4428
CA50	6	10.0	128	312	39936

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	10.0	399.4	270.8
CA60	5.0	733.4	124.3

PESO TOTAL (kg)	
CA50	270.8
CA60	124.3

Volume de concreto (C-25) = 4.38 m³
Área de forma = 76.23 m²

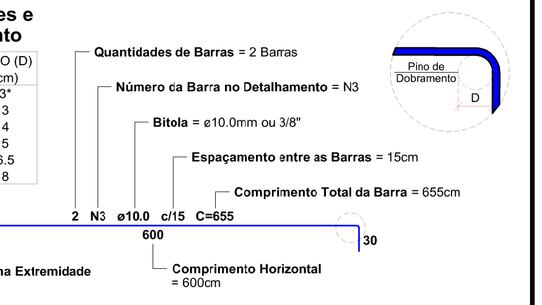
LEITURA DAS ARMADURAS

SEM ESCALA - COTAS EM CENTIMETROS

Tabela de Conversões e Pinos de Dobramento

AÇO	DIAM (mm)	DIAM (pol)	PINO (D) (cm)
CA60	5.0	3/16	3*
CA50	6.3	1/4	3
CA50	8.0	5/16	4
CA50	10.0	3/8	5
CA50	12.5	1/2	6.5
CA50	16.0	5/8	8

* Para Estribos, ϑ=1,5



PROJETO - RESPONSÁVEL TÉCNICO:	EXECUÇÃO - RESPONSÁVEL TÉCNICO:	ASSINATURA - PROPRIETÁRIO: (REPRESENTANTE)

REVISÃO	DATA	ALTERAÇÕES

PROJETO ESTRUTURAL

Avenida XV de Novembro, 1030 - Centro
CEP: 88410-000
CNPJ: 83.102.616/0001-09

Telefones:
(47) 3535-0015 (Principal)
(47)3535-0227 (Fax)

PREFEITURA MUNICIPAL DE ATALANTA

OBRA:
CAPELA MORTUÁRIA

PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE ATALANTA

ENDEREÇO:
Rua Cristiano Schlichting esq. Rua Porto Alegre, Bairro Centro - Atalanta/ SC

CONTEÚDO:
-SAPATAS E PILARES DE FUNDAÇÃO
-PILARES

DESENHO: CATIUCIA KELI SIEVERS

ESCALA: INDICADA

DATA: 25/10/2021

FOLHA: EST 04/06

TODOS OS DIREITOS RESERVADOS. PROIBIDA A REPRODUÇÃO PARCIAL OU TOTAL.
DESENHO VÁLIDO SOMENTE ASSINADO PELO RESPONSÁVEL DO PROJETO.