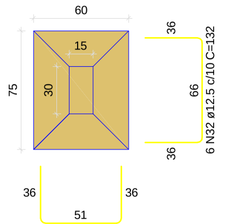
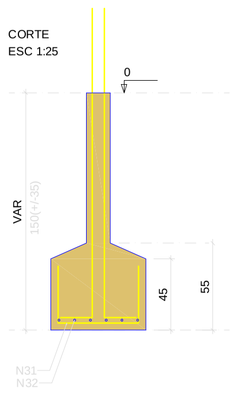
S6

PLANTA
ESC 1:25



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

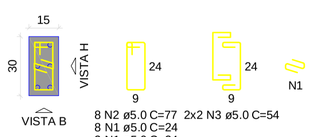
CORTE
ESC 1:25



P6

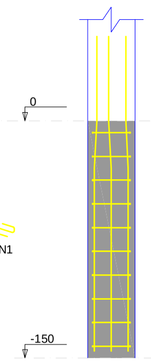
BALDRAME - L1

SEÇÃO
ESC 1:20

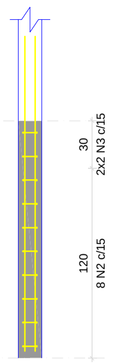


8 N2 ø5.0 C=77 2x2 N3 ø5.0 C=54
8 N1 ø5.0 C=24
2 N1 ø5.0 C=24

VISTA H
ESC 1:25

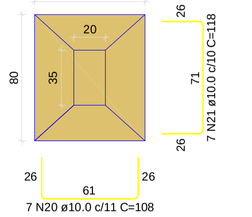


VISTA B
ESC 1:25



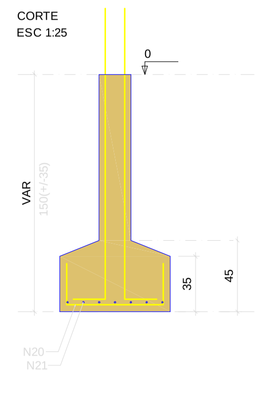
S7

PLANTA
ESC 1:25



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

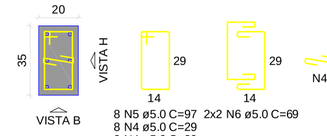
CORTE
ESC 1:25



P7

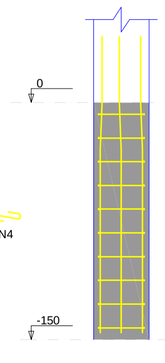
BALDRAME - L1

SEÇÃO
ESC 1:20

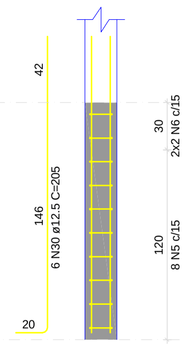


8 N5 ø5.0 C=97 2x2 N6 ø5.0 C=69
8 N4 ø5.0 C=29
2 N4 ø5.0 C=29

VISTA H
ESC 1:25



VISTA B
ESC 1:25



RELAÇÃO DO AÇO

P6	P7	P8
P9	P10	P11
P12	P13	S6
S7	S8	S9
S10	S11	S12
S13		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	10	24	240
	2	5.0	10	72	720
	3	5.0	10	54	540
	4	5.0	10	29	290
	5	5.0	8	97	776
	6	5.0	4	69	276
	7	5.0	8	98	784
	8	5.0	16	101	1616
	9	5.0	8	68	544
	10	5.0	10	67	670
	13	5.0	6	69	414
	12	5.0	7	81	567
	13	5.0	8	68	544
	14	5.0	10	67	670
	15	5.0	4	54	432
CA50	16	8.0	16	99	1594
	17	8.0	12	79	948
	18	10.0	4	197	788
	19	10.0	4	216	864
	20	10.0	7	108	756
	21	10.0	6	118	826
	22	10.0	10	123	1230
	23	10.0	8	143	1144
	24	10.0	10	133	1330
	25	10.0	8	153	1224
	26	10.0	9	148	1332
	27	10.0	10	138	1380
	28	10.0	8	113	904
	29	10.0	7	133	931
	30	12.5	6	205	1230
	31	12.5	7	117	819
	32	12.5	6	122	732
	33	16.0	14	215	3010
	34	16.0	6	158	948
	35	16.0	2	107	214
	36	16.0	4	274	1096
	37	16.0	4	244	976

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	25.3	11
	10.0	127.1	96.2
	12.5	28.4	30.1
	16.0	62.4	108.4
CA60	5.0	96	16.3

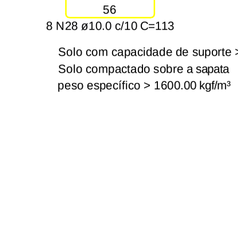
PESO TOTAL (kg)

CA50	235.7
CA60	16.3

Volume de concreto (C-25) = 3.00 m³
Área de forma = 21.35 m²

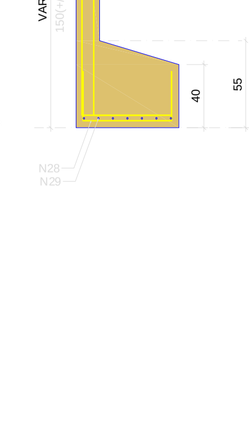
S8

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



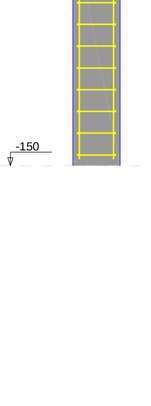
P8

BALDRAME - L1

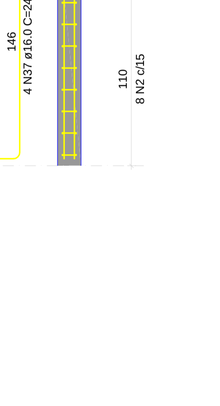
SEÇÃO
ESC 1:20

8 N8 ø5.0 C=101 2x2 N9 ø5.0 C=68
8 N7 ø5.0 C=26
2 N7 ø5.0 C=26

VISTA H
ESC 1:25



VISTA B
ESC 1:25

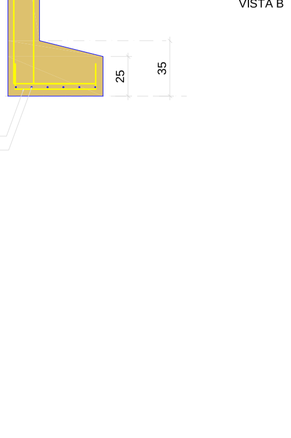


S9

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



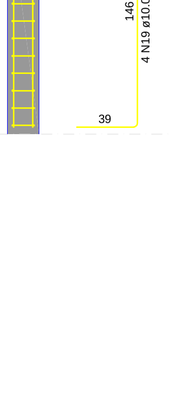
P9

BALDRAME - L1

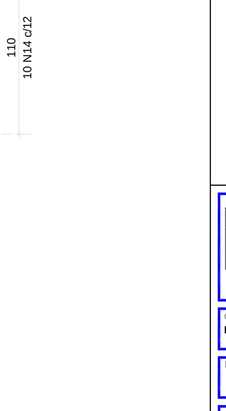
SEÇÃO
ESC 1:20

8 N8 ø5.0 C=101 2x2 N9 ø5.0 C=68
2x8 N7 ø5.0 C=26
2x2 N7 ø5.0 C=26

VISTA H
ESC 1:25

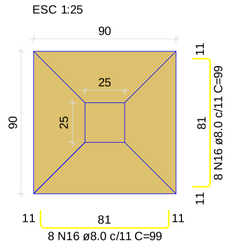


VISTA B
ESC 1:25



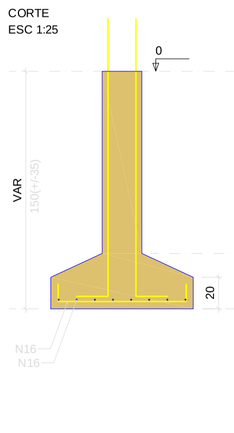
S10

PLANTA
ESC 1:25



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

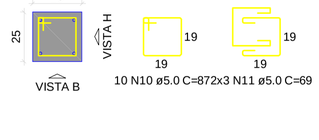
CORTE
ESC 1:25



P10

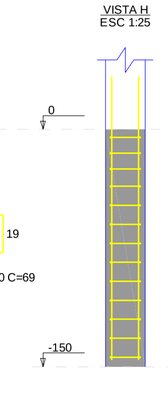
BALDRAME - L1

SEÇÃO
ESC 1:20

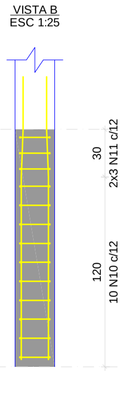


10 N10 ø5.0 C=872x3 N11 ø5.0 C=69

VISTA H
ESC 1:25

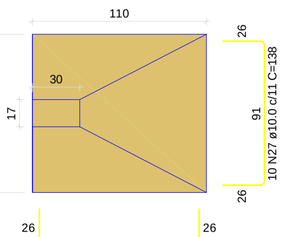


VISTA B
ESC 1:25



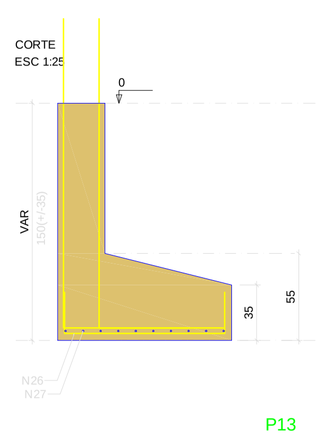
S11

PLANTA
ESC 1:25



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

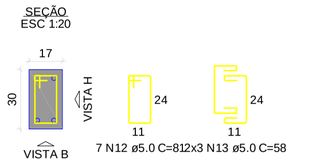
CORTE
ESC 1:25



P11

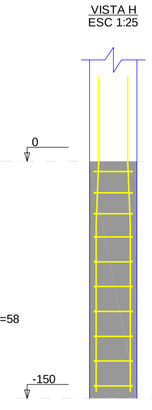
BALDRAME - L1

SEÇÃO
ESC 1:20

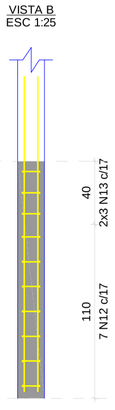


7 N12 ø5.0 C=812x3 N13 ø5.0 C=58

VISTA H
ESC 1:25

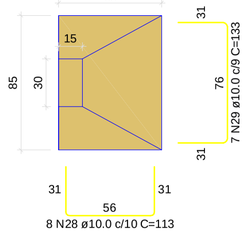


VISTA B
ESC 1:25



S12

PLANTA
ESC 1:25



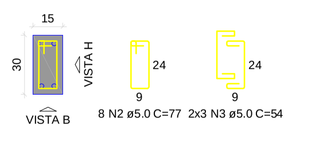
Solo com capacidade de suporte > 2.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

P12

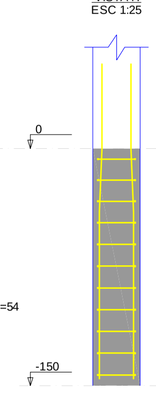
BALDRAME - L1

SEÇÃO
ESC 1:20

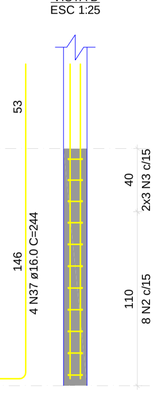


8 N2 ø5.0 C=77 2x3 N3 ø5.0 C=54

VISTA H
ESC 1:25

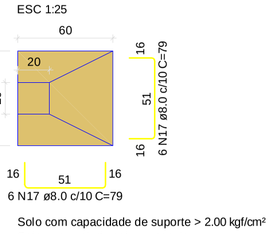


VISTA B
ESC 1:25



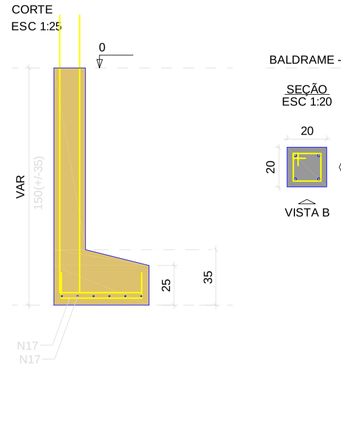
S13

PLANTA
ESC 1:25



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

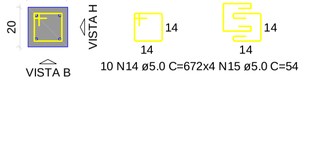
CORTE
ESC 1:25



P13

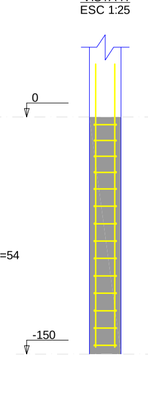
BALDRAME - L1

SEÇÃO
ESC 1:20

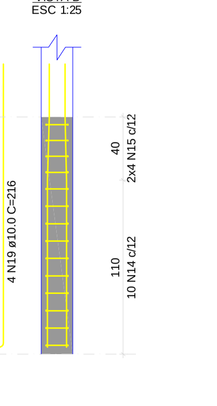


10 N14 ø5.0 C=672x4 N15 ø5.0 C=54

VISTA H
ESC 1:25



VISTA B
ESC 1:25



PREFEITURA MUNICIPAL DE CAMPOS NOVOS (SC)
RUA EXPEDICIONÁRIO, 323 – CENTRO – FONE (49) 3541-8200
www.camposnovos.sc.gov.br
SECRETARIA MUNICIPAL DE TRANSPORTES, OBRAS E URBANISMO
DEPARTAMENTO DE ENGENHARIA

OBRA:
REFORMA E AMPLIAÇÃO DA CRECHE MARILENE RUPP BAGATINI

PROJETO: ESTRUTURAL
ASSUNTO: FUNDAÇÃO - 02

ÁREA CONSTRUÍDA EXISTENTE:	ÁREA DE REFORMA:	ÁREA TOTAL DE AMPLIAÇÃO:	ÁREA TOTAL CONSTRUÍDA:
628,21 M²	74,90 M²	94,81 M²	723,02 M²

DATA: SETEMBRO/2020
LOCAL: RUA BENONI DE OLIVEIRA LEMOS ESQUINA COM RUA JOÃO PINTO DE ANDRADE, BAIRRO BOA VISTA
CÓDIGO CAD: 2020\Obras\Secretaria de Educação\Creche Marilene Rupp Bagatini
RESP. TÉCNICO: LAIDES DALAZEN LAIDNES CREA - SC 105168-6 Engenheira Civil
PREFEITO: SILVIO ALEXANDRE ZANCANARO
ESCALA CAD: 1 : 1
FOLHA: 08/10
DESENHO: LUIZ CARLOS