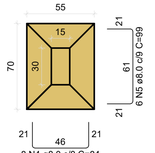
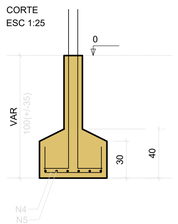
P1=P3=P4=P6=P7=P10=P11=P13=P14=P16

S1=S3=S4=S6=S7=S10=S11=S13=S14=S16

PLANTA
ESC 1:25

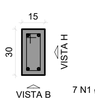


CORTE
ESC 1:25



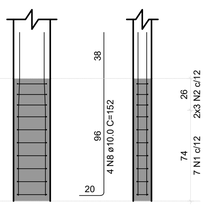
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

VISTA B
ESC 1:25

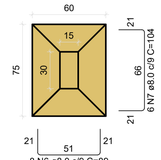


7 N1 ø5.0 C=77 2x3 N2 ø5.0 C=54

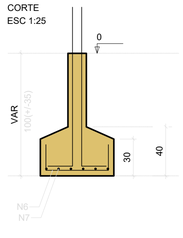
Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S2=S5

PLANTA
ESC 1:25



CORTE
ESC 1:25

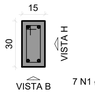


Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P2=P5

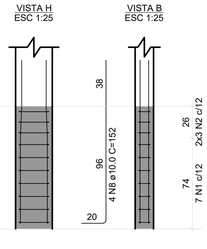
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

VISTA B
ESC 1:25



7 N1 ø5.0 C=77 2x3 N2 ø5.0 C=54

RELAÇÃO DO AÇO

10xP1	2xP2	2xP8
2xP12	10xS1	2xS2
2xS8	2xS12	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	108	77	8316
	2	5.0	92	54	4968
	3	5.0	14	24	336
CA50	4	8.0	80	84	6720
	5	8.0	72	99	7128
	6	8.0	30	89	2670
	7	8.0	12	104	1248
	8	10.0	56	152	8512
	9	10.0	16	103	1648
	10	10.0	12	118	1416
	11	12.5	12	160	1920

RESUMO DO AÇO

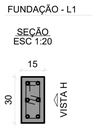
AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	177.7	77.1
	10.0	115.8	78.5
	12.5	19.2	20.3
CA60	5.0	136.2	23.1
PESO TOTAL (kg)			
CA50	176		
CA60	23.1		

Volume de concreto (C-25) = 2.72 m³
Área de forma = 21.14 m²

P8=P9

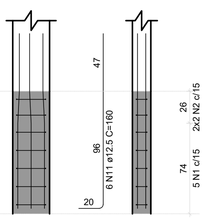
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

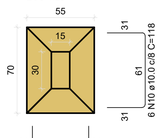
VISTA B
ESC 1:25



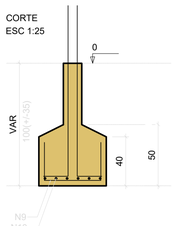
5 N1 ø5.0 C=77 2x2 N2 ø5.0 C=54
5 N3 ø5.0 C=24
2 N3 ø5.0 C=24

S8=S9

PLANTA
ESC 1:25



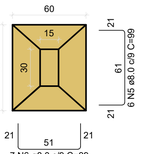
CORTE
ESC 1:25



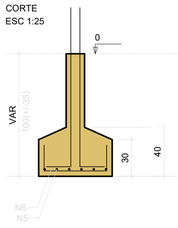
Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

S12=S15

PLANTA
ESC 1:25



CORTE
ESC 1:25

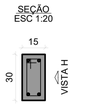


Solo com capacidade de suporte > 3.00 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

P12=P15

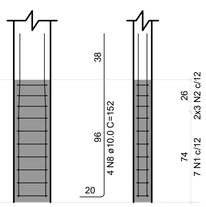
FUNDAÇÃO - L1

SEÇÃO
ESC 1:20



VISTA H
ESC 1:25

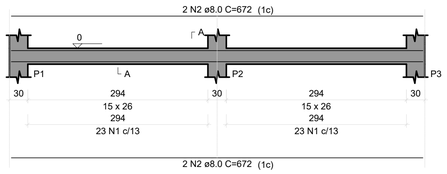
VISTA B
ESC 1:25



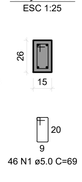
7 N1 ø5.0 C=77 2x3 N2 ø5.0 C=54

VB101

ESC 1:50

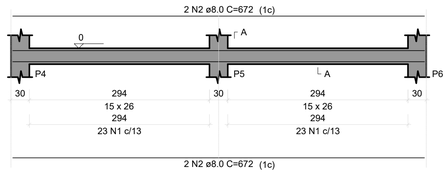


SEÇÃO A-A
ESC 1:25



VB102

ESC 1:50

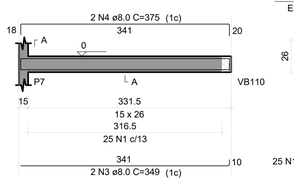


SEÇÃO A-A
ESC 1:25

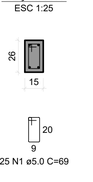


VB103

ESC 1:50

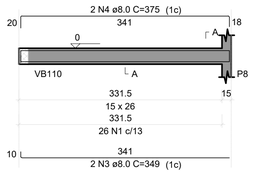


SEÇÃO A-A
ESC 1:25

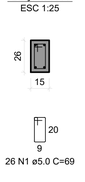


VB104

ESC 1:50

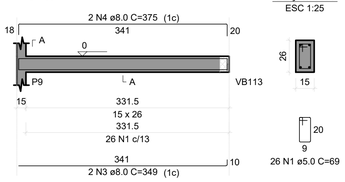


SEÇÃO A-A
ESC 1:25



VB105

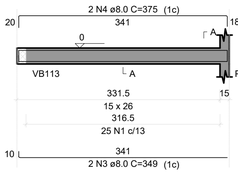
ESC 1:50



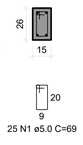
SEÇÃO A-A
ESC 1:25

VB106

ESC 1:50

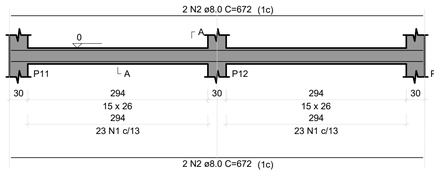


SEÇÃO A-A
ESC 1:25

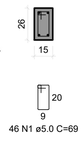


VB107

ESC 1:50

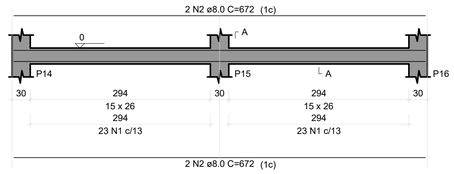


SEÇÃO A-A
ESC 1:25

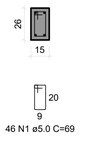


VB108

ESC 1:50

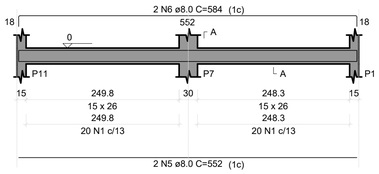


SEÇÃO A-A
ESC 1:25

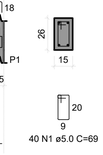


VB109

ESC 1:50

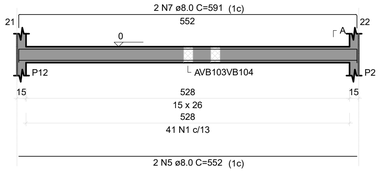


SEÇÃO A-A
ESC 1:25

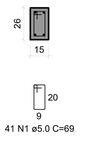


VB110

ESC 1:50

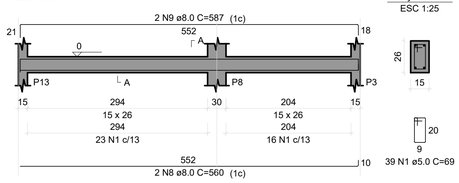


SEÇÃO A-A
ESC 1:25



VB111

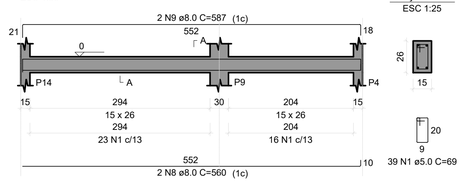
ESC 1:50



SEÇÃO A-A
ESC 1:25

VB112

ESC 1:50



SEÇÃO A-A
ESC 1:25

VB113

ESC 1:50

SEÇÃO A-A
ESC 1:25

VB114

ESC 1:50

SEÇÃO A-A
ESC 1:25

RELAÇÃO DO AÇO

VB101	VB102	VB103
VB104	VB105	VB106
VB107	VB108	VB109
VB110	VB111	VB112
VB113	VB114	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	526	69	36294
CA50	2	8.0	16	672	10752
	3	8.0	8	349	2792
	4	8.0	8	375	3000
	5	8.0	8	552	4416
	6	8.0	4	584	2336
	7	8.0	4	591	2364
	8	8.0	4	560	2240
	9	8.0	4	587	2348

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	302.5	131.3
CA60	5.0	362.9	61.5
PESO TOTAL (kg)			
CA50	131.3		
CA60	61.5		

Volume de concreto (C-25) = 2.61 m³
Área de forma = 44.86 m²

CONTRATADA:

CONTINENTAL ASSESSORIA
CNPJ Nº: 28.103.470/0001-08
AVENIDA GOVERNADOR MAGALHÃES PINTO, Nº 2191 B - 1º ANDAR, ALCIDES RABELO, MONTES CLAROS/MG - CEP: 39401-427

CONTRATANTE:

PREFEITURA FRANCISCO DUMONT
CNPJ Nº: 16.885.485/0001-88
PRAÇA DA MATRIZ, 285 - FRANCISCO DUMONT, MG, 39387-000

RESPONSÁVEL TÉCNICO:

MAX HENRIQUE VELOSO DA SILVA:12718420685
Assinado de forma digital por MAX HENRIQUE VELOSO DA SILVA:12718420685

MAX HENRIQUE VELOSO DA SILVA
CREA: 248.998/D

RESPONSÁVEL LEGAL:

PREFEITO MUNICIPAL DE FRANCISCO DUMONT

EXECUÇÃO DE OBRAS DE AMPLIAÇÃO DE SALAS DE AULA DA CRECHE PROINFÂNCIA TIPO C, NO MUNICÍPIO DE FRANCISCO DUMONT/MG.

DESCRIÇÃO: DETALHAMENTO DE FUNDAÇÃO E VIGAS BALDRAMES

ENDEREÇO DA OBRA: RUA FREI HENRIQUE, 169, VILA NOVA, FRANCISCO DUMONT-MG

MUNICÍPIO: FRANCISCO DUMONTMG | **DATA INICIAL:** 21 DE SETEMBRO DE 2026

FASE DO PROJETO: INICIAL | **ART/RRT:** | **DATA DA REV.:**

REFERÊNCIA DO PROJETO: FCD-0198 | **ESCALA:** INDICADAS | **Nº REVISÃO:** 00 | **02/04**

ESTRUTURAL