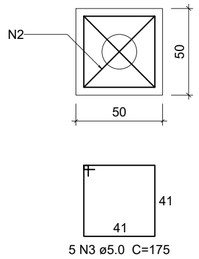
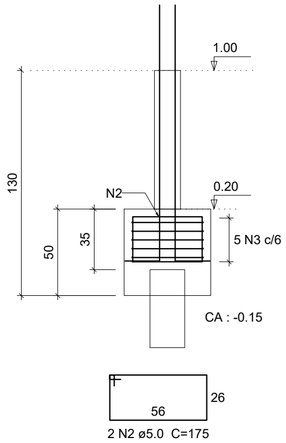
B16=B17=B18=B19=B20=B21=B23=B24=B25=B27 =B29=B30=B32=B33=B34=B35=B36
1xC20

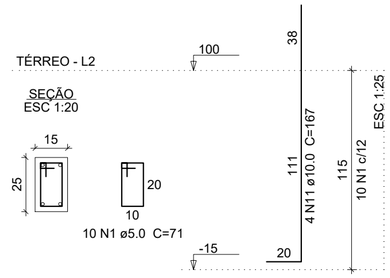
PLANTA
ESC 1:25



CORTE
ESC 1:25

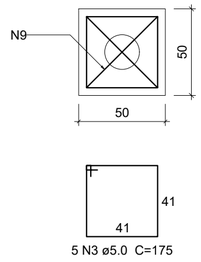


P16=P17=P18=P19=P20=P21= =P23=P24=P25=P27=P29= =P30=P32=P33=P34=P35= =P36

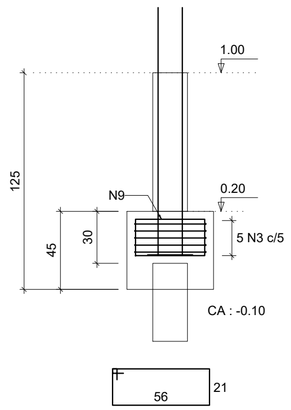


B37=B38
1xC20

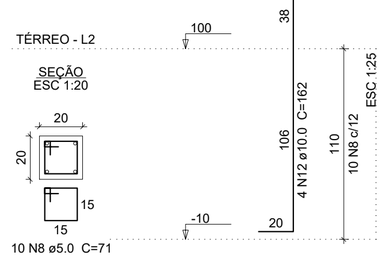
PLANTA
ESC 1:25



CORTE
ESC 1:25



P37=P38



Relação do aço

17xB36 2xB38

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	170	71	12070
	2	5.0	34	175	5950
	3	5.0	95	175	16625
	8	5.0	20	71	1420
	9	5.0	4	165	660
CA50	11	10.0	68	167	11356
	12	10.0	8	162	1296

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	10.0	126.6	11	78
CA60	5.0	367.3	31	56.6

PESO TOTAL (kg)	
CA50	78
CA60	56.6

Volume de concreto (C-25) = 2.83 m³
Área de forma = 30.96 m²

B22=B26=B28=B31
2xC20

PLANTA
ESC 1:25

CORTE A-A
ESC 1:25

CORTE B-B
ESC 1:25

P22=P26=P28=P31

Relação do aço

15xP1

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	135	71	9585
CA50	13	10.0	60	138	8280

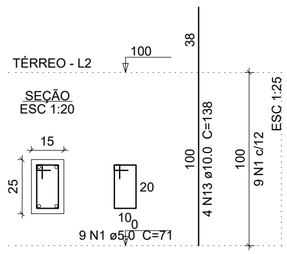
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	10.0	82.8	7	51
CA60	5.0	95.9	8	14.8

PESO TOTAL (kg)	
CA50	51
CA60	14.8

Volume de concreto (C-25) = 0.56 m³
Área de forma = 12 m²

P1=P2=P3=P4=P5=P6=P7=P8= =P9=P10=P11=P12=P13=P14= =P15



Relação do aço

4xB31

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	40	71	2840
	4	5.0	8	139	1112
	5	5.0	16	109	1744
	6	5.0	20	295	5900
	7	5.0	20	133	2660
CA50	10	8.0	16	138	2208
	12	10.0	16	162	2592

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	QUANT (Barras)	PESO (kg)
CA50	8.0	22.1	2	8.7
	10.0	26	3	16
CA60	5.0	142.6	12	22

PESO TOTAL (kg)	
CA50	24.7
CA60	22

Volume de concreto (C-25) = 1.07 m³
Área de forma = 8.32 m²

MATHEUS ALVES DUARTE:01610102614
Assinado de forma digital por MATHEUS ALVES DUARTE:01610102614
Dados: 2024.05.10 14:59:40 -03'00'

KLEBER ANTONIO FERREIRA BONELI:50571281672
Assinado de forma digital por KLEBER ANTONIO FERREIRA BONELI:50571281672
Dados: 2024.05.10 15:00:06 -03'00'

Obra
Projeto Piscina Coberta
R. Clarinda Tardeli Boneli

Projeto
Matheus Alves Duarte
188.265/D

Proprietário
Prefeitura Municipal de Monte Belo

Projeto
Estrutural

Folha 3
Conj. 2 Fls./Conj. 8

Descriminação
Térreo
Detalhe Armaduras: Fundações e Pilares

Data	Escala	Desenho	Conferência
<>	Escala	<>	Revisor