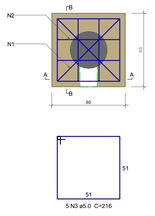
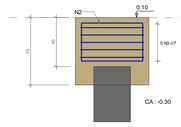
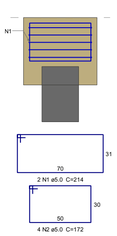
B1
1xR30
PLANTA
ESC 1:25



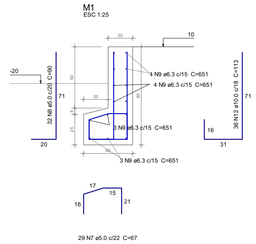
CORTE A-A
ESC 1:25



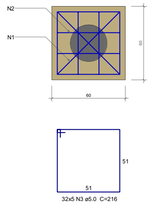
CORTE B-B
ESC 1:25



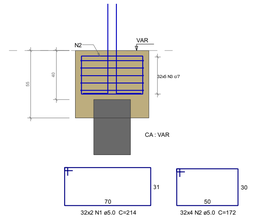
M1
ESC 1:25



B2=B3=B4=B5=B7=B8=B9=B10=B12=B13=B14 =B15=B17=B19=B20=B21=B22=B23=B24=B25 =B26=B27=B28=B29=B30=B31=B35=B37=B39 =B40=B44=B45
1xR30
PLANTA
ESC 1:25



CORTE
ESC 1:25



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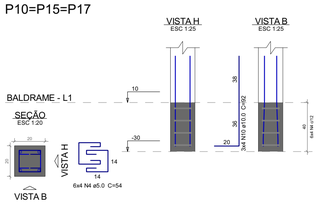
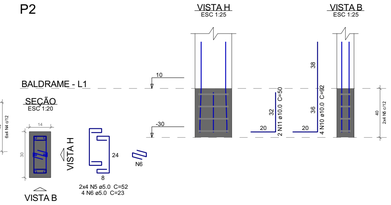
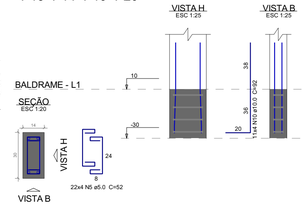


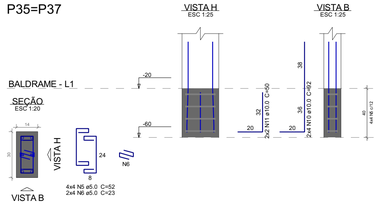
P2



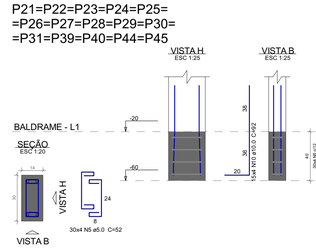
P3=P4=P5=P7=P8=P9=P12= =P13=P14=P19=P20



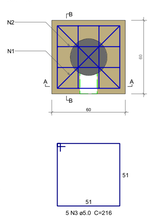
P35=P37



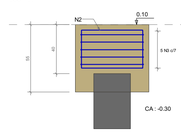
P21=P22=P23=P24=P25= =P26=P27=P28=P29=P30= =P31=P39=P40=P44=P45



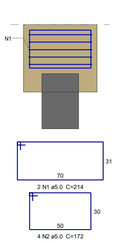
B6
1xR30
PLANTA
ESC 1:25



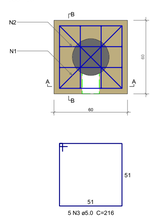
CORTE A-A
ESC 1:25



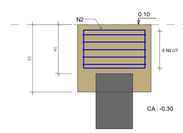
CORTE B-B
ESC 1:25



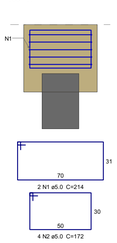
B11
1xR30
PLANTA
ESC 1:25



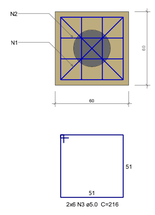
CORTE A-A
ESC 1:25



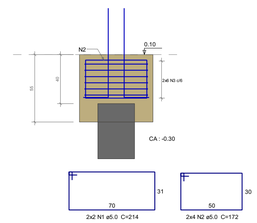
CORTE B-B
ESC 1:25



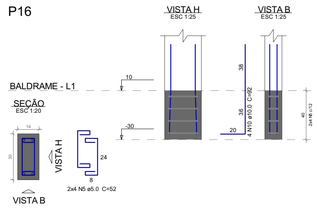
B16=B18
1xR30
PLANTA
ESC 1:25



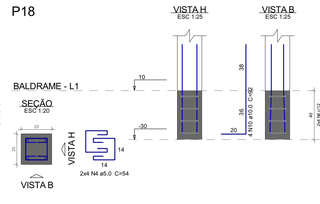
CORTE
ESC 1:25



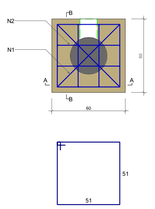
P16



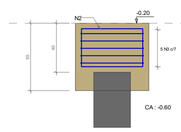
P18



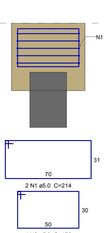
B32
1xR30
PLANTA
ESC 1:25



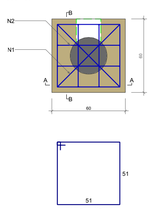
CORTE A-A
ESC 1:25



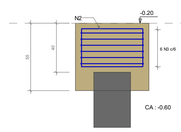
CORTE B-B
ESC 1:25



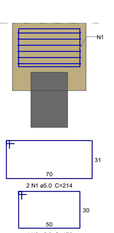
B33
1xR30
PLANTA
ESC 1:25



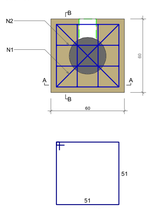
CORTE A-A
ESC 1:25



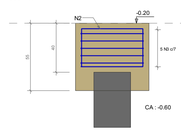
CORTE B-B
ESC 1:25



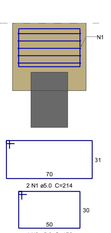
B34
1xR30
PLANTA
ESC 1:25



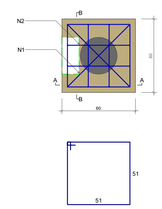
CORTE A-A
ESC 1:25



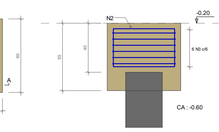
CORTE B-B
ESC 1:25



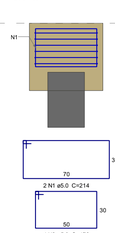
B36
1xR30
PLANTA
ESC 1:25



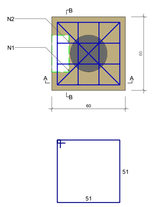
CORTE A-A
ESC 1:25



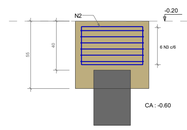
CORTE B-B
ESC 1:25



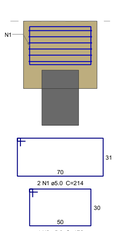
B38
1xR30
PLANTA
ESC 1:25



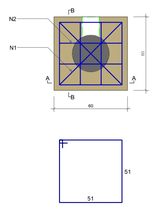
CORTE A-A
ESC 1:25



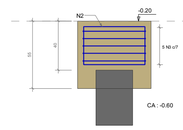
CORTE B-B
ESC 1:25



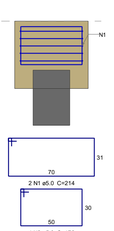
B41
1xR30
PLANTA
ESC 1:25



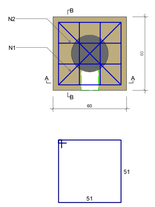
CORTE A-A
ESC 1:25



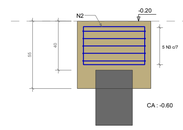
CORTE B-B
ESC 1:25



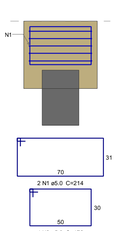
B42
1xR30
PLANTA
ESC 1:25



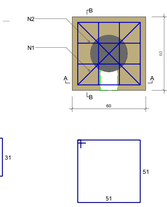
CORTE A-A
ESC 1:25



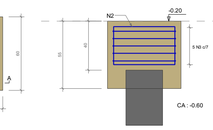
CORTE B-B
ESC 1:25



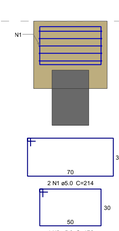
B43
1xR30
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25



CORTE B-B
ESC 1:25



Relação do aço

B1	B6	B11
B18	B32	B33
B34	B36	B38
B41	B42	B43
B45	M1	

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	90	214	19260
	2	5.0	180	172	30960
	3	5.0	230	216	49680
	4	5.0	32	54	1728
	5	5.0	240	52	12480
	6	5.0	12	23	276
	7	5.0	29	67	1943
	8	5.0	32	90	2880
CA50	9	6.3	14	651	9114
	10	10.0	136	92	12512
	11	10.0	6	50	300
	12	10.0	36	113	4068

Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	6.3	91.2	24.5
	10.0	168.8	114.5
CA60	5.0	1192.1	202.1

PESO TOTAL (kg)	
CA50	139
CA60	202.1

Volume de concreto (C-25) = 9.83 m³
Área de forma = 74.75 m²

PREFEITURA MUNICIPAL DE SÃO JOSÉ DO RIO PRETO

PREFEITO EDINHO ARAÚJO

SECRETARIA MUNICIPAL DE EDUCAÇÃO

OBRA:
PROJETO DE AMPLIAÇÃO E REFORMA DA E. M. BOSQUE ENCANTADO

LOCAL:
RUA WALDIR LACERDA, 140, JARDIM DO BOSQUE, SÃO JOSÉ DO RIO PRETO (SP)

ÁREAS (M2):
VER QUADRO RESUMO DE ÁREAS NA FOLHA 03 - ARQ.

ESCALA:	DESENHO:	DATA:	PROJETO:
INDICADAS	BRUNO	SET./2022	ESTR. 02/07

ASSUNTO:
Fundações do pavimento Baldrame

SECRETÁRIA
FABIANA ZANQUETTA DE AZEVEDO

DESENVOLVIMENTO DO PROJETO:
GVT ENGENHARIA
Rua Dante Buosi, 100, Casa 32 CEP.: 15092-205 - São José do Rio Preto - SP
Tel.: (17) 996484749 **engenharia@gvtengenharia.com.br**

RESPONSÁVEL TÉCNICO PELO PROJETO ESTRUTURAL:
BRUNO NAKATI BUENO
ENGENHEIRO CIVIL - CREA 5070620216

FOLHA Nº.:
09/30