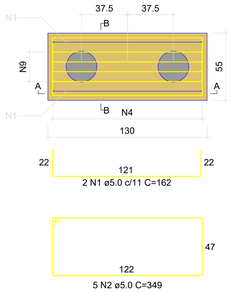
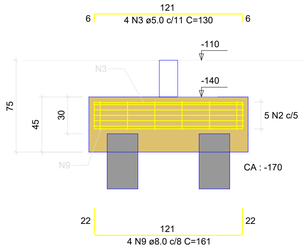
B1=B16=B24
2xC25

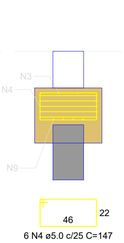
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25

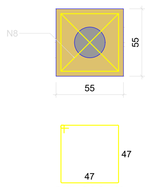


CORTE B-B
ESC 1:25

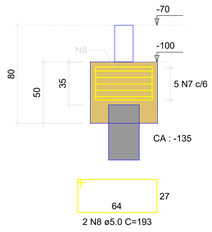


B2=B17
1xC25

PLANTA
ESC 1:25

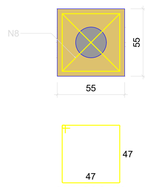


CORTE
ESC 1:25

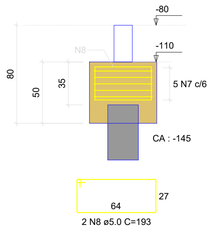


B3=B4=B13=B18=B19
1xC25

PLANTA
ESC 1:25

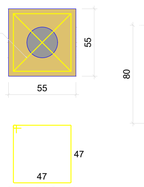


CORTE
ESC 1:25

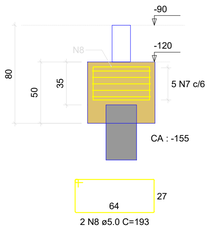


B5=B20
1xC25

PLANTA
ESC 1:25

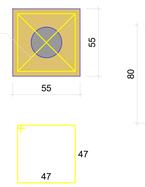


CORTE
ESC 1:25

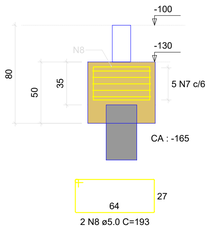


B6=B10=B21
1xC25

PLANTA
ESC 1:25

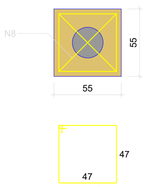


CORTE
ESC 1:25

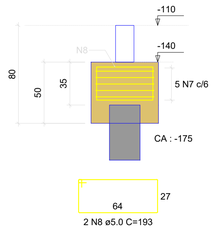


B7=B8=B14=B15=B22
1xC25

PLANTA
ESC 1:25

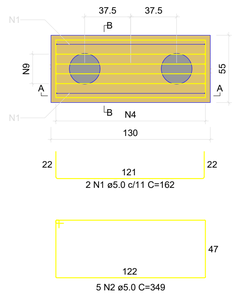


CORTE
ESC 1:25

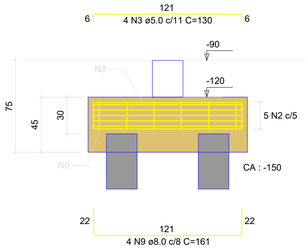


B9
2xC25

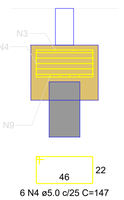
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25

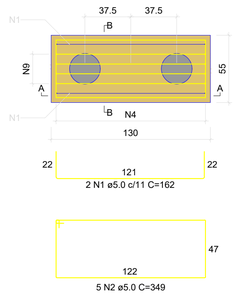


CORTE B-B
ESC 1:25

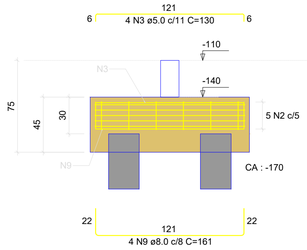


B11
2xC25

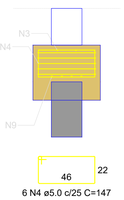
PLANTA
ESC 1:25



CORTE A-A
ESC 1:25

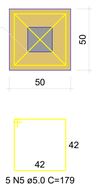


CORTE B-B
ESC 1:25

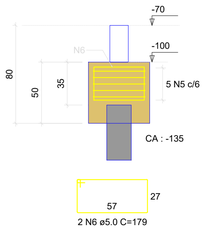


B12
1xR20

PLANTA
ESC 1:25

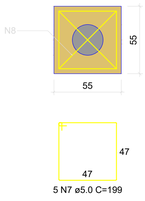


CORTE
ESC 1:25

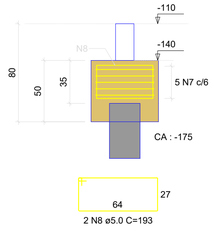


B23
1xC25

PLANTA
ESC 1:25



CORTE
ESC 1:25



RELAÇÃO DO AÇO

B9 2xB17 3xB21 3xB24	B11 5xB19 5xB22	B12 2xB20 B23

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	10	162	1620
	2	5.0	25	349	8725
	3	5.0	20	130	2600
	4	5.0	30	147	4410
	5	5.0	5	179	895
	6	5.0	2	179	358
	7	5.0	90	199	17910
	8	5.0	36	193	6948
CA50	9	8.0	20	161	3220

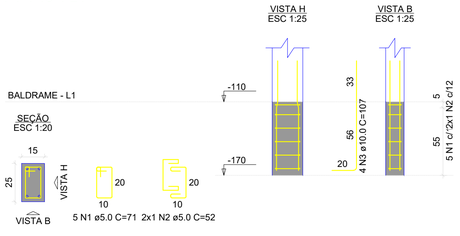
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	8.0	32.2	12.7
CA60	5.0	434.7	67

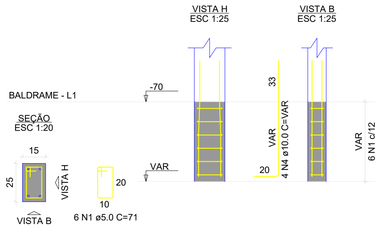
PESO TOTAL (kg)	
CA50	12.7
CA60	67

Volume de concreto (C-30) = 4.24 m³
Área de forma = 29.13 m²

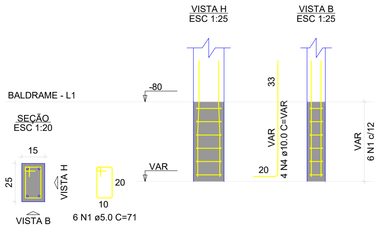
P1=P16=P24



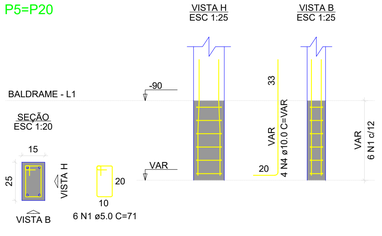
P2=P12=P17



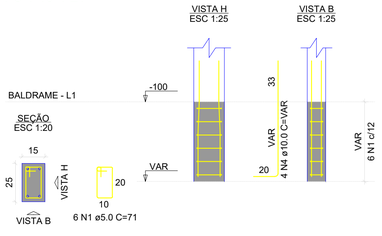
P3=P4=P13=P18=P19



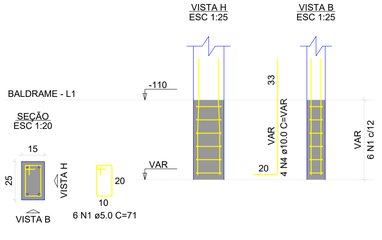
P5=P20



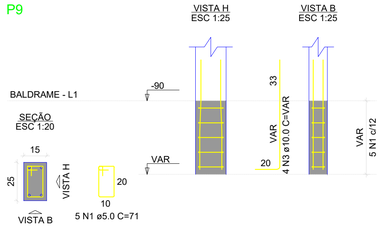
P6=P10=P21



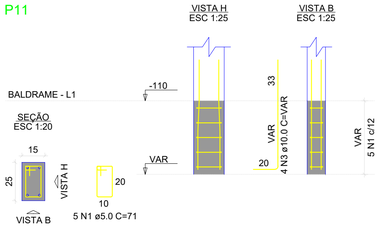
P7=P8=P14=P15=P22



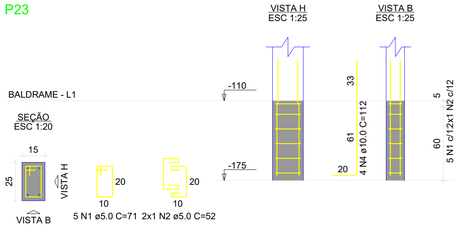
P9



P11



P23



RELAÇÃO DO AÇO

3xP1 2xP5 P9	3xP2 3xP6 P11	5xP3 5xP7 P23

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	138	71	9798
	2	5.0	8	52	416
CA50	3	10.0	20	107	2140
	4	10.0	76	VAR	VAR

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	10.0	106.5	65.7
CA60	5.0	102.1	15.7

PESO TOTAL (kg)	
CA50	65.7
CA60	15.7

Volume de concreto (C-30) = 0.27 m³
Área de forma = 5.76 m²

PREFEITURA MUNICIPAL DE SERRANIA

Proprietário: PREFEITURA MUNICIPAL DE SERRANIA

Projeto: SALA DE VACINA

Ref.: FUNDAÇÃO E PILARES BALDRAME

Endereço: RUA QUINZINHO SEBASTIÃO- 292- CENTRO - SERRANIA - MG

Data: JUN/2023

Autor: SAMIR ABDALA N. FERREIRA
Engenheiro Civil - CREA 240413/D - MG

Proprietário: PREF. MUN. DE SERRANIA
CNPJ:18.243.261/0001-06

Escala: 1/50

Folha: 04