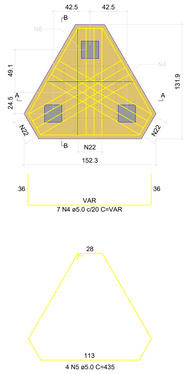
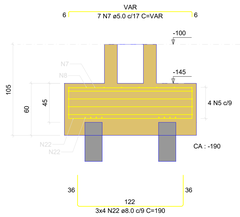
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Assinatura Eletrônica - Verifique em https://verificador.iti.gov.br Insira o número verificador: 2165-4643-4B56 Documento assinado digitalmente conforme MP nº 2.200-2 de 24/08/2001

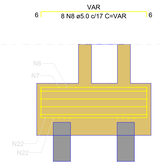
B1=B11
3xC20
PLANTA
ESC 1:25



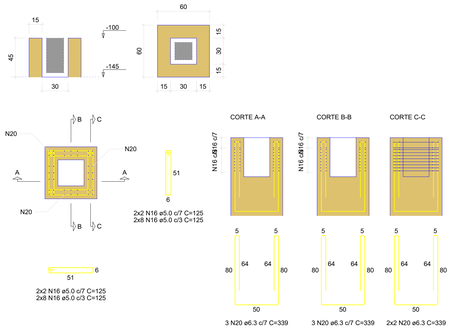
CORTE A-A
ESC 1:25



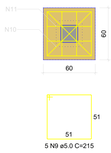
CORTE B-B
ESC 1:25



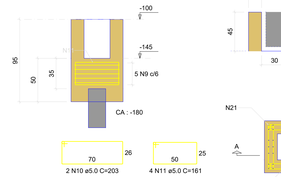
Cálice (P1=P11)
ESC 1:25



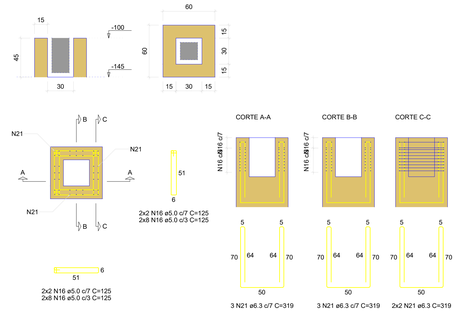
B2=B3=B4=B5=B12=B13=B14=B15
1xC20
PLANTA
ESC 1:25



CORTE
ESC 1:25

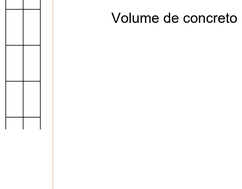


Cálice (P2=P3=P4=P5=P12=P13=P14=P15)
ESC 1:25



B6=B16
2xC20
PLANTA
ESC 1:25

CORTE A-A
ESC 1:25



CORTE B-B
ESC 1:25



Cálice (P6=P16)
ESC 1:25

B7=B8=B9=B10
1xC20
PLANTA
ESC 1:25

CORTE
ESC 1:25

Cálice (P7=P8=P9=P10)
ESC 1:25

DETALHE ESTACA C25 (x 22)

ESCAVADA MECANICAMENTE

RESUMO ESTIMADO DO AÇO
(ESTACAS)

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	10.0	462	313,55
CA60	5.0	739,20	125,22

PESO TOTAL (kg)	
CA50	313,55
CA60	125,22

Volume de concreto = 7,70 m³

RELAÇÃO DO AÇO

4xB10 — 2xB11 — 8xB15
2xB16 — 4xCalice P12 — 2xCalice P11
8xCalice P15 — 2xCalice P16

AÇO	N.	DIAM (mm)	QUANT.	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	5.0	20	255	5100
	2	5.0	8	251	2008
	3	5.0	16	224	3584
	4	5.0	16	VAR	VAR
	5	5.0	14	VAR	VAR
	6	5.0	14	VAR	VAR
	7	5.0	15	VAR	VAR
	8	5.0	40	245	9800
	9	5.0	15	203	3045
	10	5.0	32	193	6176
	11	5.0	4	158	632
	12	5.0	15	233	3495
	13	5.0	10	336	3360
	14	5.0	5	190	952
	15	5.0	15	163	2430
	16	5.0	60	125	7500
	17	5.0	80	145	11600
CA60	18	6.3	12	419	5028
	19	6.3	28	409	12012
	20	6.3	20	378	7560
	21	6.3	100	318	31900
	22	8.0	24	166	4080
	23	8.0	8	158	1264

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	507,2	192
	6.0	58,2	25,3
CA60	5.0	1291,8	219

PESO TOTAL (kg)	
CA50	175,3
CA60	219

Volume de concreto (C-25) = 7,06 m³
Área de forma = 80,04 m²

Assinado por:
Fernanda Souza
..019.38 13/03/2026 - 08:34
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endereço:	PREFEITURA MUNICIPAL DE SÃO MATEUS DO SUL RUA ULISSES FARIA, 550 – CEP 83.900.112 – SÃO MATEUS DO SUL–PR
obra	BARRACÃO ESCOLA PEDRO EFFCO RUA BARÃO DO RIO BRANCO
título	ESTRUTURAL-BARRACÃO
folha	02 / 11
escala	INDICADAS
data	SETEMBRO/2026
referencia	FUNDAÇÃO
desenho	DOUGLAS
projeto	FERNANDA REGINA SOUZA PEDROSO – ENG. CIVIL– CREA 177.387/D

AC-1180x841mm