

SERVIÇO	UNID.	BUEIROS
		2,50 x 2,50 m
LASTRO	m ³	9,75
FORMAS	m ²	155,00
CONCRETO	m ³	30,05
REVESTIMENTO	m ³	1,95

MEDIDAS	TAMANHO DOS BUEIROS
	2,50 x 2,50 m fs ≥ 0,21 MPa
D	430
E	515
F	20
G	50
I	100
J	247
L	250
M	1209
N	470

Technical drawing of a bridge cross-section. The drawing shows two rectangular piers with rounded tops, separated by a gap. The total width of the bridge is 100m. The width of each pier is 50m. The height of the piers is 80m. The gap between the piers is 10m. The drawing is labeled with "M=VARIÁVEL" and "VARIÁVEL".

ELEVACÃO (4X)

ESC. 1:50

$N1 - 2 \phi 12,5 - VAR.$

$N3 - 9 \phi 10,0$

$N4 + N6 + N8 + N9 + N11$

$N5 + N7 + N8 + N10 + N12$

$N2 - 2 \phi 12,5 - VAR.$

N18 - 2 ø 12,5 - CORR.

LAE INF.

N13

N19 - 2 ø 12,5 - CORR.

N21-ø 6,3-280-1c/20

13 75 12 74 14

[illegible][illegible]

Technical drawing of a mechanical part, likely a bracket or support, showing dimensions and labels. The drawing includes a top view and a side view. Key dimensions include 180, 100, 20, 160, and 180. Labels include N16, N17, N3, N14, and N17. A note "VAR. 10/20" is present.

N°	Ø	Q	COMP.
1	12,5	8	VAR.
2	12,5	8	VAR.
3	10,0	36	370
4	10,0	—	VAR.
5	8,0	—	VAR.
6	8,0	—	VAR.
7	8,0	—	VAR.
8	6,3	—	90
9	8,0	—	166
10	8,0	—	166
11	10,0	—	160
12	8,0	—	160
13	6,3	—	VAR.
14	6,3	—	VAR.
15	6,3	16	VAR.
16	8,0	—	294
17	8,0	—	VAR.
18	12,5	4	CORR
19	12,5	4	CORR
20	6,3	12	CORR
21	6,3	—	260

BUEIRO DUPLO				
RESUMO PARA DUAS CABECEIRAS				
2,50 x 2,50 m				
Ø	α = 0°	α = 15°	α = 30°	α = 45°
6,3	852	937	1.080	1.466
8,0	568	628	591	785
10,0	344	408	506	656
12,5	198	225	226	306
16,0	237	260	162	190
20,0	—	—	233	270
25,0	—	—	—	—
TOTAL	2.199Kg	2.458Kg	2.808Kg	3.672Kg

OBRA: **OBRAS CIVIL - SUBSTITUIÇÃO DE PONTES DE MADEIRA**

ADMINISTRAÇÃO:	MODALIDADE:
Rogério Meira	Planejamento

PROPRIETÁRIO - CGC:

PREFEITURA MUNICIPAL DE JANGADA

LOCAL - INSCRIÇÃO CADASTRAL:
ZONA RURAL - COMUNIDADE TIRA BARRO

ASSUNTO:	PRANCHA:
BUEIRO DUPLO CELULAR DE CONCRETO	ESTRURAL CABECEIRAS MOLDADA IN LOCO

AUTOR DO PROJETO:	RESPONSÁVEL TÉCNICO P/ OBRA:
REITTER FERNANDO ENG. CIVIL - CREA 121.893.972-9	

PROJETISTA:	QUADRO DE ÁREAS: EXT 10.00 m	ESCALA:	SEM ESCALA COORDENADAS: LAT: 15°15'0.00"S LONG: 56°33'26.92"O	FOLHA:	02/03
ARQUIVO:					
DATA:		11/2023			