

[illegible]

NOTA:
- Ver notas e complementos desta no desenho 6.23

SERVIÇO	UNID.	BUEIRO
		2,00 x 2,00 m
LASTRO	m³	6,45
FORMAS	m²	120,80
CONCRETO	m³	20,86
REVESTIMENTO	m³	1,38

MEDIDAS	TAMANHO DO BUEIRO
	2,00 x 2,00 m fs $\geq 0,13$ MPa
D	355
E	415
F	20
G	30
I	100
J	204
L	200
M	1023
N	395

BUEIRO CELULAR DE CONCRETO
CABECEIRAS
ESCALA: 1/100

VISTA EM PLANTA

Technical drawing showing the plan view of a roof structure. The drawing includes dimensions and labels for various components:

- Dimensions:**
 - Horizontal dimensions: d , L , L , d (top); I , J , E , J , I (bottom).
 - Vertical dimensions: 20 (top and bottom), D (middle), N (total height).
 - Roof slope: 30° .
 - Roof width: 100 .
 - Roof thickness: $d=15$.
- Labels:**
 - VARIÁVEL**: Indicated for the horizontal dimensions d and L .
 - A**: Labels for the roof structure.
 - B**: Labels for the roof structure.
 - C**: Label for the roof structure.
 - F**: Label for the roof structure.
 - G**: Label for the roof structure.
 - H**: Label for the roof structure.
 - I**: Label for the roof structure.
 - J**: Label for the roof structure.
 - E**: Label for the roof structure.
 - N**: Label for the total height.

Diagrama de uma viga de concreto armado submetida a uma carga variável. A viga possui uma seção transversal com largura de 30 cm e altura útil de 50 cm. A carga variável é aplicada sobre uma seção central de comprimento E, com uma distância de J entre os pontos de aplicação da carga. A reação de apoio é indicada por A e A'.

0 ≤ h ≤ 100				
fs ≥ 0,13 MPa				
Nº	Ø	Q	COMP.	ESP.
1	6,3	20	84	c/20
2	---	---	---	---
3	---	---	---	---
4	12,5	8	270	c/12
5	10,0	17	230	c/12
6	---	---	---	---
7	12,5	12	CORR.	---
8	6,3	108	CORR.	c/20
9	10,0	13	230	c/15
10	10,0	5	270	c/20
11	---	---	---	---
12	---	---	---	---
13	---	---	---	---
14	6,3	13	225	c/15
15	6,3	10	140	c/20
16	---	---	---	---
17	6,3	10	225	c/20
18	10,0	20	CORR.	c/18
19	12,5	10	210	c/20
20	12,5	10	435	c/20
RESUMO				
Ø	Kg/m	PESO (Kg)		
6,3	0,252	50		
10,0	0,624	65		
12,5	0,988	99		
TOTAL		214Kg		

SEÇÃO

VIGA DE TOPO SUPERIOR

N33 - Ø 6,3 - 190

74
14

N30 - 2 Ø 12,5 - VAR.
VAR. SUP.

N31 - 4 x 2 Ø 6,3 - c/15
VAR.

N32 - 2 Ø 12,5 - VAR.
INF. VAR. 2 - N32
INF.

120 120

N38 - Ø 8,0 - 1c/20 - VAR.
VAR. 100 VAR. 40

SUPERIOR E INFERIOR

20
2ø10,0
VAR.

ELEVAÇÃO

SUPERIOR E INFERIOR

ELEVAÇÃO

TABELA			
Nº	Ø	Q	COMP
1	16,0	4	VAR.
2	16,0	2	260
3	6,3	8	VAR.
4	16,0	8	VAR.
5	8,0	—	130
6	16,0	4	VAR.
7	16,0	2	220
8	6,3	4	VAR.
9	16,0	6	VAR.
10	8,0	—	130
11	12,5	4	VAR.
12	12,5	2	200
13	6,3	4	VAR.
14	12,5	6	VAR.
15	8,0	—	130
16	12,5	4	VAR.
17	12,5	2	180
18	6,3	4	VAR.
19	12,5	6	VAR.
20	8,0	—	130
21	16,0	8	VAR.
22	6,3	16	VAR.
23	20,0	4	260
24	20,0	4	VAR.
25	10,0	—	190
26	16,0	6	VAR.
27	6,3	16	VAR.
28	16,0	8	VAR.
29	8,0	—	190
30	12,5	4	VAR.
31	6,3	16	VAR.
32	12,5	8	VAR.
33	6,3	—	190
34	12,5	4	VAR.
35	6,3	16	VAR.
36	12,5	4	VAR.
37	6,3	—	190
38	8,0	—	VAR.

2,00 x 2,00 m				
Ø	α = 0°	α = 15°	α = 30°	α = 45°
6,3	701	782	762	1.024
8,0	450	505	553	731
10,0	122	134	107	132
12,5	281	310	224	296
16,0	—	—	164	193
20,0	—	—	—	—
25,0	—	—	—	—
TOTAL	1.554Kg	1.731Kg	1.810Kg	2.376Kg