

VISTA B
ESC 1:30

VISTA H
ESC 1:30

TOPO - L6

TELHADO - L5

TERREO - L4

VIGAS VENEZIANAS

FUNDAÇÃO - L2

Det-1

Det-2

Det-3

Det-4

Det-5

Det-6

Det-7

Rugosidade mínima
(1cm x 10cm)

6.888 x 20,00 C=1770

2.029 x 20,00 C=263

15 NI c/17

15 NI c/14

15 NI c/14

Technical drawing of a rectangular object. The main view is a rectangle with a width of 25 and a height of 50. A small detail view is shown to the right, labeled N2. The drawing includes dimension lines and labels: 25, 50, N2, N28, and N2.

Technical drawing of a mechanical part with dimensions and labels:

- Dimensions:**
 - Overall width: 30
 - Overall height: 55
 - Top flange width: 20
 - Top flange thickness: 10
 - Top flange hole diameter: $\varnothing 10$
 - Bottom flange width: 25
 - Bottom flange thickness: 10
 - Bottom flange hole diameter: $\varnothing 10$
 - Central body width: 13.5
 - Central body height: 11.5
 - Distance from top flange to central body: 13.5
 - Distance from central body to bottom flange: 11.5
 - Distance from top flange to bottom flange: 25
 - Distance from central body to right edge: 3.5
 - Distance from central body to left edge: 3.5
- Labels:**
 - AB**: Label at the top center.
 - GH**: Label on the right side, indicating a horizontal section line.
 - GH**: Label on the left side, indicating a horizontal section line.
 - AB**: Label at the bottom center, indicating a vertical section line.
- Notes:**
 - 1x20mm**: Label pointing to the top flange.
 - 1x20mm**: Label pointing to the bottom flange.

[illegible]

Relação das alças de içamento				
Qtde.	Aço	a (mm)	C. Anc. (cm)	C. Unit. (cm)
2	ASTM A36	16	52	148

Technical drawing of a mechanical part with dimensions and tolerances. The drawing includes a side view and a top view. The side view shows a part with a total width of 45, a height of 24, and a central hole with a diameter of 10. The top view shows a rectangular part with a width of 45 and a height of 15. The drawing includes dimensions for the central hole (3 N3 ø10.0 C=122) and the central hole (3 N4 ø6.3 C=80). The drawing also includes dimensions for the central hole (3 N1 ø16.0 C=53) and the central hole (2 N3 ø6.3 C=132).

Technical drawing of a mechanical part, showing a cross-section and a side view. The cross-section shows a stepped profile with dimensions: 30, 40, and 50. The side view shows a rectangular profile with dimensions: 25, 26, and 28. The drawing includes tolerances and material specifications: 3 N22 ±0.03 C=245, 4 N6 ±0.03 C=245, and 4 N6 ±0.03 C=245. The drawing is labeled with 'VAR' and 'VAR'.

Technical drawings of a mechanical part, showing a cross-section and two views of the part with dimensions and tolerances.

Top View (Left): Shows a cross-section of a part with a central hole. Dimensions include a total width of 50, a central hole diameter of $\varnothing 10.0$ C=132, and a central hole diameter of $\varnothing 10.0$ C=57. Tolerances are specified as 3 N7 $\varnothing 6.3 \pm 0.10$ C=142 and 2 N8 $\varnothing 6.3 \pm 0.10$ C=74.

Top View (Right): Shows a cross-section of a part with a central hole. Dimensions include a total width of 50, a central hole diameter of $\varnothing 10.0$ C=132, and a central hole diameter of $\varnothing 10.0$ C=57. Tolerances are specified as 3 N7 $\varnothing 6.3 \pm 0.10$ C=142 and 2 N8 $\varnothing 6.3 \pm 0.10$ C=74.

Bottom View (Left): Shows a cross-section of a part with a central hole. Dimensions include a total width of 50, a central hole diameter of $\varnothing 10.0$ C=132, and a central hole diameter of $\varnothing 10.0$ C=57. Tolerances are specified as 3 N7 $\varnothing 6.3 \pm 0.10$ C=142 and 2 N8 $\varnothing 6.3 \pm 0.10$ C=74.

Bottom View (Right): Shows a cross-section of a part with a central hole. Dimensions include a total width of 50, a central hole diameter of $\varnothing 10.0$ C=132, and a central hole diameter of $\varnothing 10.0$ C=57. Tolerances are specified as 3 N7 $\varnothing 6.3 \pm 0.10$ C=142 and 2 N8 $\varnothing 6.3 \pm 0.10$ C=74.

Figure 1 shows a mechanical drawing of a part with dimensions and tolerances. The main drawing is a cross-section of a part with a central hole. Dimensions include: 15 (total height), 24 (height of the upper section), 20 (height of the lower section), 13 (width of the upper section), 18 (width of the lower section), 37 (width of the base), 31 (width of the base), and 20 (width of the base). Tolerances are indicated as ± 0.1 for the 15 dimension, ± 0.05 for the 24 dimension, ± 0.05 for the 20 dimension, ± 0.05 for the 13 dimension, ± 0.05 for the 18 dimension, ± 0.05 for the 37 dimension, and ± 0.05 for the 31 dimension. The drawing also includes a detail view of the upper section with dimensions 15, 24, and 20, and a detail view of the lower section with dimensions 13, 18, and 20. The drawing is labeled with 'N3' and 'N9' at the top, and 'C=VAR' at the bottom.

Technical drawing showing a mechanical assembly with dimensions and part numbers:

- Top view: Dimensions 18, 74, 13, 18, 29, 18. Part numbers: 3 N19 ø10.0 C=182, 3 N20 ø10.0 C=60.
- Side view: Dimensions 24, 75. Part numbers: N12, N4, 2 N12 ø6.3 c/10 C=192.
- Bottom view: Dimensions 15, 19. Part number: 2 N4 ø6.3 c/10 C=80.

ACO	N	DIAM	QUANT	CLUNT	C TOTAL
CASO	1	6,3	81	162	13122
	2	6,3	81	162	13122
	3	6,3	6	132	792
	4	6,3	4	80	320
	5	6,3	6	VAR	VAR
	6	6,3	4	VAR	VAR
	7	6,3	2	142	284
	8	6,3	2	74	148
	9	6,3	2	VAR	VAR
	11	6,3	2	VAR	VAR
	12	6,3	2	192	384
	13	6,3	2	192	384
	14	10,0	3	122	366
	15	10,0	3	122	366
	16	10,0	3	57	171
	17	10,0	3	210	630
	18	10,0	3	96	288
	19	10,0	3	182	546
	20	10,0	3	60	180
	21	10,0	3	93	279
	22	16,0	3	245	735
	23	16,0	4	48	192
	24	16,0	3	151	453
	25	16,0	3	64	192
	26	16,0	3	166	498
	27	16,0	3	81	243
	28	20,0	6	1170	3510
	29	20,0	6	263	789

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	6.3	227	61.1
	10.0	24.9	16.9
	16.0	27	46.9
	20.0	75.5	204.7

Volume de concreto (C-40) = 2.07 m³
Área de forma = 0.00 m²

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CNPJ: 32.257.384/0001-19

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DETALHAMENTO DO PILAR P-90

E 22