

Technical drawing of a reinforced concrete slab cross-section, showing reinforcement details and dimensions. The drawing is divided into five sections by vertical dashed lines.

Reinforcement Details:

- Top Reinforcement:**
 - Section 1: 2 N17 $\phi 16.0$ - 1200
 - Section 2: 2 N1 $\phi 6.3$ - 200
 - Section 3: 2 N19 $\phi 16.0$ - 975
 - Section 4: 2 N1 $\phi 6.3$ - 200
 - Section 5: 2 N17 $\phi 16.0$ - 1200
- Bottom Reinforcement:**
 - Section 1: 1 N7 $\phi 16.0$ - 445
 - Section 2: 1 N9 $\phi 16.0$ - 415
 - Section 3: 2 N11 $\phi 16.0$ - 454
 - Section 4: 1 N12 $\phi 16.0$ - 420
 - Section 5: 1 N14 $\phi 16.0$ - 444
- Other Reinforcement:**
 - Section 1: 4 N16 $\phi 16.0$ c/20 - 510
 - Section 3: 1 N18 $\phi 16.0$ - 770
 - Section 5: 4 N20 $\phi 16.0$ c/20 - 515

Dimensions and Spacing:

- Section 1: 1154 (total width), 280 (spacing), 125 (edge distance), 823 (bottom reinforcement spacing), 37 N2 c/20 (bottom reinforcement)
- Section 2: 75 (edge distance), 220 (spacing), 38 N2 c/20 (bottom reinforcement)
- Section 3: 180 (spacing), 75 (edge distance), 18 N2 c/20 (bottom reinforcement)
- Section 4: 285 (spacing), 160 (edge distance), 38 N2 c/20 (bottom reinforcement)
- Section 5: 295 (spacing), 75 (edge distance), 37 N2 c/20 (bottom reinforcement), 818 (bottom reinforcement spacing), 3 N15 $\phi 16.0$ - 834 (bottom reinforcement)

Other Details:

- 2x3 N4 $\phi 10.0$ - 1200 (armadura pele) (top reinforcement)
- 2x3 N5 $\phi 10.0$ - 230 (pele) (top reinforcement)
- P416(J), P400(J), P358(J), P347(J), P324(J) (vertical reinforcement)
- 0.00 (elevation)
- A (section line)

70
30
64
24
168 N2 ø6.3 - 18

[illegible]

Technical drawing of a reinforced concrete slab cross-section showing reinforcement details for a 10m span. The drawing includes top and bottom reinforcement bars with their respective diameters, spacings, and lengths. It also shows stirrups and development lengths for various bars. Key dimensions include a total slab thickness of 250mm, a clear span of 10.0m, and a support width of 0.75m. The drawing is divided into sections by vertical dashed lines, with labels like "1022ª camada" and "102ª camada" indicating different reinforcement layers.

Technical drawing of a rectangular plate. The top view shows a rectangle with dimensions 70 (height) and 30 (width). The side view shows a rectangle with dimensions 64 (height) and 24 (width). The drawing includes a small cross-section detail at the top left corner of the top view.

Technical drawing of a reinforced concrete slab cross-section. The drawing shows a rectangular slab with a total width of 50 cm and a total height of 50 cm. The top reinforcement consists of 2 N27 bars with a diameter of 16.0 mm, spaced at 447 mm, and 354 mm of concrete cover. The bottom reinforcement consists of 2 N27 bars with a diameter of 16.0 mm, spaced at 447 mm, and 354 mm of concrete cover. The slab is supported by two walls, M17d and M18a, which are 200 mm apart. The distance between the walls is 200 mm. The slab is labeled "2x3 N6 ø10.0 - 354 (armadura pele)".

Technical drawing of a rectangular plate. The top view shows a rectangle with overall dimensions 80 (height) and 20 (width). The bottom view shows a rectangle with overall dimensions 74 (height) and 14 (width). Both views show a central rectangular area with a crosshair symbol in the top-left corner and a small square symbol in the bottom-right corner. The dimensions are labeled as 80, 20, 74, and 14.

331 N2 ø6.3 - 1

Resumo dos Materiais

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	6.3	2217	542.5
	10.0	940.5	579.8
	16.0	562.3	887.4
	25.0	537	2069
PESO TOTAL (kg)		Vol. concreto = 32.16 m³ Área formas = 248.98 m²	
CA50	4078.7		

DIÂMETRO (D) DOS PINOS DE DORNO PARA GANCHOS

ESPAÇADOR PARA CAMADAS DE SEÇÃO TRANSVERSAL

BITOLA (Ø)	CASO 5	CASO 6
<20mm	5xØ	6xØ
≥20mm	8xØ	—
estribo <10mm	3xØ	3xØ

NBR-6118:2003 (Itens 9.4.2.3 e 9.4.6.1)

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	Proger Engenharia Ltda Av. Vargas, 590 - grupo 1359 a 1311 Centro, Rio de Janeiro, RJ CEP:20.071-000 Tel./Fax:(21)24.32.0811/Cel.:(21)99897.9477 daniel@progerengenharia.com.br daniel@redesim.eng.br http://www.progerengenharia.com.br	
	PROJETOS ESTRUTURAIS - CONSULTORIA - GERENCIAMENTO DIONÍSIO AUGUSTO AMARAL DE NEVES E SOUZA Engenheiro CIV – CREA – RJ 52.791-D MB/TAU – Professor	
CLIENTE:	PÁTIOMIX LINHARES SHOPPING CENTER SPE S.A.	
OBRA:	SHOPPING PÁTIOMIX LINHARES Linhares – ES	
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