

Technical drawing of a precast concrete beam cross-section. The drawing shows a rectangular beam with a total width of 351 mm. The top surface is divided into sections: 100 mm on the left, 120 mm in the middle, and 100 mm on the right. The bottom surface is divided into sections: 70 mm on the left, 211 mm in the middle, and 70 mm on the right. The drawing includes labels for 'GUIA-CHAPÉU PRÉ-MOLDADA' (precast guide), 'TOPO DO MEIO FIO' (top of the middle fillet), and 'LINHA DA SARJETÁ' (sarieta line). Dimensions are given in millimeters.

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Technical drawing of a bridge deck cross-section. The drawing includes the following dimensions and components:

- Overall Width:** 253
- Top Deck Components:**
 - TAMPA EM CONCRETO PRÉ-MOLDADA 110x70x e=8
 - GUIA DE CONCRETO PRÉ-MOLDADA 100x15x30
 - GUIA DE CONCRETO PRÉ-MOLDADA 100x15x30
 - SARJETA DE CONCRETO
 - GUIA DE CONCRETO TIPO CHAPEL PRÉ-MOLDADA 120x15x30
- Internal Dimensions and Spacing:**
 - Top flange width: 110 (center-to-center), 10.5 (edge-to-center), 0.5 (flange thickness)
 - Web width: 10 (center-to-center), 0.5 (web thickness)
 - Bottom flange width: 110 (center-to-center), 10.5 (edge-to-center), 0.5 (flange thickness)
 - Internal spacing: 70, 90, 31, 90, 70
 - Internal dimensions: 100, 120, 120, 100
 - Internal offsets: 15, 0.5, 70, 101, 20, 3, 7
- Other Labels:**
 - DEPRESSÃO
 - VÃO DA GUIA CHAPEU
 - VÃO DA GUIA CHAPEU

[illegible]

Technical drawing of a cross-section of a reinforced concrete structure, likely a wall or partition, showing dimensions and components.

Dimensions (mm):

- Top horizontal dimensions: 10.5, 8.5, 2, 90, 2, 8.5, 8.5, 2, 90, 2, 8.5, 10.5.
- Bottom horizontal dimensions: 2, 19, 2, 94, 2, 19, 2, 94, 2, 19, 2.
- Vertical dimensions: 10.5, 0.5, 110, 0.5, 0.5, 110, 0.5, 10.5.
- Internal vertical dimensions: 23, 20, 12.8.
- Bottom horizontal dimensions: 10, 253, 10.
- Overall bottom horizontal dimension: 273.

Components and Labels:

- VIGA CINTA** (Reinforced concrete beam)
- TAMPA** (Cover/Top)
- VIGA CINTA CENTRAL** (Central reinforced concrete beam)
- PISO ARMADO** (Reinforced floor)
- ALVENARIA EM BLOCOS DE CONCRETO** (Concrete block masonry)
- h = VARIÁVEL (MÍNIMO = 135 cm)** (Variable height, minimum 135 cm)
- REVESTIMENTO EXT. E INT. CIM. E AREIA TRACO 1:3 EM ARGAMASSA e = 2** (External and internal finish, cement and sand screed 1:3 in mortar, thickness e = 2)
- ENCHIMENTO COM CONCRETO f_{ck} > 8 MPa** (Filling with concrete, f_{ck} > 8 MPa)
- LASTRO DE CONCRETO MAGRO f_{ck} > 8 MPa** (Thin concrete slab, f_{ck} > 8 MPa)

Other details:

- A circular feature is shown on the left side of the central beam, with a dimension of 23.
- A 2% slope is indicated for the floor and the base of the wall.

Technical drawing of a wall cross-section showing various layers and dimensions. The drawing includes the following components and dimensions:

- Top Dimensions:** 15.0, 0.5, 70, 0.5, 10.5
- Right Side Dimensions:** 12.6, 20, 10, 135 cm (total height), $h = \text{VARIÁVEL}$ (MINIMO = 135 cm)
- Labels and Layers:**
 - GUIA TIPO CHAPÉU
 - TAMPA
 - VIGA CINTA
 - SARJETA
 - ALVEN. EM BLOCOS DE CONCRETO 39 x 15 x 15
 - REVESTIM. EXT. E INT. EM ARGAMASSA $e=2$
 - CIM. E AREIA TRAÇO 1:3
 - VIGA CENTRAL em vista
 - 2%
 - PISO ARMADO FUNDO DA B.L.
 - LASTRO DE CONCRETO MAGRO $f_{ck} \geq 8 \text{ MPa}$
 - ENCHIMENTO COM CONCRETO $f_{ck} \geq 8 \text{ MPa}$
- Internal Dimensions:** 39, 2, 59, 2, 19, 10, 101, 10, 121

Technical drawing of a cross-section of a concrete slab with three bays. The drawing shows the slab structure with reinforcement, concrete blocks, and a top cover. Dimensions are given in cm.

Key dimensions and labels:

- Overall width: 394
- Bay widths: 94
- Slab thickness: 20
- Reinforcement diameter: 10
- Labels: VIGA CINTA CENTRAL, TAMPA, ALVENARIA EM BLOCOS DE CONCRETO, PISO ARMADO, REVESTIMENTO EXT. E INT. CIM. E AREIA TRAÇO 1:3 EM ARGAMASSA $e = 2$, ENCHIMENTO COM CONCRETO $f_{ck} > 8 \text{ MPa}$, LASTRO DE CONCRETO MAGRO $f_{ck} > 8 \text{ MPa}$.
- Note: $h = \text{VARIAVEL}$ (MINIMO = 135 cm)

1- COTAS MEDIDAS E DIMENSÕES ESTÃO EM METRO, EXCETO ONDE INDICADO.

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ASSUNTO: ELABORAÇÃO DE PROJETOS DE PAVIMENTAÇÃO, DRENAGEM E RECAPEAMENTO, PARA ATENDIMENTO DA SECRETARIA DE DESENVOLVIMENTO URBANO

LOCAL: DIVERSAS RUAS DA VILA GUSTAVO CORREIA

TRECHO: CONFORME A PLANTA



R04-2125-DRE-001-DET
REV. 04

RESP. TÉCNICO: FAUSTO BATISTA		GRE: 0682525642		ART: 28027230211853744	
Nº PROCESSO: 29200/21		ESCALA: 1:25		DATA: 10/06/2022	
Nº CONTRATO: 81/21		ARQUIVO DIGITAL: R04-2125-DRE-001-DET.dwg		FOLHA: 01/05	
PROJETISTA: ÉRICA OLIVEIRA DE CARVALHO				10/06/2022	
DESENHISTA: JESSICA SCHMEING				13/06/2022	
VERIFICAÇÃO: SANDRA MAYUMI MISHIMA				13/06/2022	
APROVAÇÃO: FAUSTO BATISTA				13/06/2022	
RESP. TÉCNICO: FAUSTO BATISTA				13/06/2022	