

Technical drawing of a bridge deck cross-section showing reinforcement details. The drawing includes a top view of the deck with reinforcement bars (N1 to N11) and a side view showing the deck profile and reinforcement bars (N12 to N25). Dimensions and bar specifications are provided for each section.

Top View Details:

- Section 1 (Left):** 3 N2 $\varnothing$ 16 C=245, 2 N1 $\varnothing$ 6.3 C=490, 3 N4 $\varnothing$ 16 C=530, 2 N7 $\varnothing$ 16 C=425, 2 N9 $\varnothing$ 16 C=420, 3 N9 $\varnothing$ 16 C=420, 2 N10 $\varnothing$ 6.3 C=370, 3 N11 $\varnothing$ 12.5 C=200.
- Section 2 (Middle):** 3 N5 $\varnothing$ 16 (3 $\varnothing$ 20cAM), 2 N8 $\varnothing$ 16 (1 $\varnothing$ 20cAM), 2 N6 $\varnothing$ 6.3 C=320.
- Section 3 (Right):** 2 N8 $\varnothing$ 16 C=225, 2 N6 $\varnothing$ 6.3 C=320.

Side View Details:

- Section 1 (Left):** 22 $\varnothing$ 5.0/10 N1 (284), 19 $\varnothing$ 5.0/15 N1 (283), 22 $\varnothing$ 5.0/10 N1 (284), 16 $\varnothing$ 5.0/15 N1 (227), 12 $\varnothing$ 5.0/20 N1 (224), 16 $\varnothing$ 5.0/15 N1 (227), 15 $\varnothing$ 5.0/15 N1 (223), 12 $\varnothing$ 5.0/20 N1 (224), 16 $\varnothing$ 5.0/15 N1 (223), 15 $\varnothing$ 5.0/15 N1 (223), 12 $\varnothing$ 5.0/20 N1 (224), 19 $\varnothing$ 5.0/12 N1 (223), 18 $\varnothing$ 5.0/12 N1 (223), 12 $\varnothing$ 5.0/20 N1 (227), 15 $\varnothing$ 5.0/15 N1 (223).
- Section 2 (Middle):** 2x3 N22 $\varnothing$ 8 C=908, 2x3 N23 $\varnothing$ 8 C=740, 2x3 N24 $\varnothing$ 8 C=730, 2x3 N25 $\varnothing$ 8 C=718.
- Section 3 (Right):** 2 N13 $\varnothing$ 16 C=485, 1 N15 $\varnothing$ 12.5 C=285, 1 N17 $\varnothing$ 12.5 C=310, 1 N18 $\varnothing$ 12.5 C=300, 2 N20 $\varnothing$ 12.5 C=400, 2 N12 $\varnothing$ 16 C=970, 2 N14 $\varnothing$ 12.5 C=780, 2 N16 $\varnothing$ 12.5 C=770, 2 N19 $\varnothing$ 12.5 C=760.

[illegible][illegible]

Technical drawing of a reinforced concrete slab (P22) showing reinforcement details. The drawing includes a plan view with dimensions and reinforcement specifications, and a cross-section view.

Plan View Dimensions:

- Overall width: 168
- Overall height: 118
- Reinforcement spacing: C=200

Reinforcement Specifications:

- Top reinforcement: 2 N2 # 16 (C=200)
- Bottom reinforcement: 2 N3 # 16 (C=200)

Cross-section View:

- Slab thickness: 118
- Reinforcement bars: 2 N2 # 16 (top), 2 N3 # 16 (bottom)
- Reinforcement spacing: C=200

Labels:

- P22
- C=200

[illegible]

184 N21 Ø 5 C=14

15
60
54
70
21 N21 Ø 5 C=14

Technical drawing of a wooden bed frame (cassiole) showing dimensions and components. The drawing includes a side view and a top view.

Side View Dimensions:

- Top rail: 2 N2 ø 8 C=130
- Headboard: 109
- Footboard: 109
- Side rail: 2 N1 ø 5 C=160
- Base: 2 N3 ø 12.5 C=363
- Height: 70
- Headboard height: 104
- Footboard height: 104 (300)

Top View Dimensions:

- Headboard: 109
- Footboard: 109
- Side rail: 2 N1 ø 5 C=160
- Base: 2 N3 ø 12.5 C=363
- Height: 70
- Headboard height: 104
- Footboard height: 104 (300)

Components:

- PE (Pannello Esterno)
- F (Fianco)
- (cassiole)
- 2x1 N5 ø 5 C=334

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60B	5	946	146
50A	6,3	121	30
50A	8	359	142
50A	10	2376	1466
50A	12,5	1803	1737
50A	16	219	345
Peso Total	60B =		146 kg
Peso Total	50A =		3719 kg

PAGO	APROVO PROPRIETARIO _____ PROJETO _____ PROJETO _____ CONSTRUÇÃO _____

CONSELHO PROFISSIONAL SOP-CE SUPERINTENDÊNCIA DE OBRAS PÚBLICAS	GOVERNO DO ESTADO DO CEARÁ <i>Secretaria das Cidades</i>
SECRETARIA DAS CIDADES SOP - SUPERINTENDÊNCIA DE OBRAS PÚBLICAS	
ESCOLA DE ENSINO MÉDIO PADRÃO - TIPO II (PROJETO PADRÃO)	
PROJETO: _____	
INTERESSADO: SEDUC - SECRETARIA DE EDUCAÇÃO	ÁREA TÉCNICA: ESTRUTURA DE CONCRETO ARMADO
ENDEREÇO: RSDO SIN	CONTÊIDOR: EXCUTIVO
MUNICÍPIO: CEARÁ	ARMA VIGAS DO 2º TETO - V1 e V9
AUTOR - JM TELEFONE: _____ E-MAIL: _____ TITULO/FUNÇÃO: _____	DESSENHO: JC LUGAR: _____ REVISTA: _____ DATA: 01/02/2004 REVISÃO Nº: 01/02/2004 (Rev)
RESERVA DE PROPRIEDADE INTELECTUAL	
A PROPRIEDADE INTELECTUAL DO PRESENTE PROJETO É PROPRIEDAD DA SECRETARIA DE OBRAS PÚBLICAS DO GOV. DO CEARÁ E NÃO PODE SER REPRODUZIDA SEM A AUTORIZAÇÃO POR ESCRITO DA SECRETARIA DE OBRAS PÚBLICAS DO GOV. DO CEARÁ.	

Fck:	≥ 30,6MPa
E _c :	≥ 30,7GPa
Cobrimentos:	
LAJES	- 2,5cm
VIGAS	- 3,0cm
PILARES	- 3,0cm
FUNDAÇÕES	- 4,5cm
Faixa de Agressividade Ambiental: MODERADA	