

Technical drawing of a bridge deck cross-section showing reinforcement details. The drawing includes dimensions for various reinforcement bars (N2, N1, N6, N7, N5, N4, N3) and their spacing (C). It also shows the width of the deck (75, 160, 207, 92, 65) and the total width (20/70). The reinforcement is arranged in multiple layers, with some bars being bent up (CAM).

Reinforcement details shown:

- Top layer: 2 N2 ϕ 16 C=265 (left), 4 N2 ϕ 16 C=265 (1 ϕ 2 ϕ CAM) (right)
- Second layer: 2 N1 ϕ 8 C=250
- Third layer: N6 C/30 (13 ϕ 8), N6 C/12.5 (16 ϕ 8), 2 ϕ 8, 4 ϕ 16
- Fourth layer: 2 ϕ 16, 2 ϕ 8, 4 ϕ 16
- Fifth layer: 7x5 ϕ 5.3
- Sixth layer: 6 ϕ 16
- Seventh layer: (caste [g])
- Eighth layer: 2x5 N7 ϕ 6.3 C=608
- Ninth layer: 207 (left), (2 ϕ 2 ϕ CAM) (right)
- Tenth layer: 2 N5 ϕ 16 C=305
- Eleventh layer: 92 (left), 2 N4 ϕ 16 C=470 (right)
- Twelfth layer: 2 N3 ϕ 16 C=700

Dimensions and labels:

- 75, 160, 207, 92, 65 (widths)
- 20/70 (total width)
- P36 (label)
- 19 (label)
- 7707 (label)
- P37 (label)
- 20/70 (total width)

[illegible]

Corte A

Reinforcement details for Corte A:

- Top reinforcement: 3 N1 ϕ 10 C=225
- Bottom reinforcement: 2 N2 ϕ 10 C=380
- Side reinforcement: 1 N3 ϕ 10 C=220
- Top reinforcement: 3 N4 ϕ 10 C=260
- Bottom reinforcement: 2 N5 ϕ 10 C=450
- Side reinforcement: 1 N6 ϕ 10 C=210
- Dimensions: 101, 158, 77, 74, 23
- Section labels: 20/50

Corte B

Reinforcement details for Corte B:

- Top reinforcement: N13 C/15
- Bottom reinforcement: 3 ϕ 10
- Side reinforcement: 2 ϕ 10
- Section labels: P67, P58, P50, P45, P38
- Dimensions: 30, 15, 45, 16, 34, 48, 155, 270, 15
- Reinforcement bar counts and spacing: 3 N7 ϕ 10 C=340, 1 N9 ϕ 10 C=205, 3 N10 ϕ 10 C=225, 1 N12 ϕ 10 C=170, 2 N11 ϕ 10 C=285

[illegible]

V704

Corte A

20 N7 ϕ 5 C=133

30 225 3 N1 ϕ 10 C=255

548 2 N2 ϕ 10 C=575

91 2 N3 ϕ 10 C=255

20/50 A

20/50 B

Corte B

3 ϕ 10 27 ϕ 5 N8 C/15

4 ϕ 10 14 ϕ 5 N8 C/15

2 ϕ 10 4 ϕ 10

P56 P57 P58

69 1 N5 ϕ 10 C=250

440 2 N4 ϕ 10 C=455

90 1 N7 ϕ 10 C=105

240 2 N6 ϕ 10 C=255

Corte A

4 ϕ 10

3 ϕ 10

15 45

Corte B

2 ϕ 10

3 ϕ 10

15 45

Corte C

4 ϕ 10

3 ϕ 10

15 45

RESUMO DE AÇO			
AÇO	BIT mm	COMPR m	PESO kgf
60A	5	455	70
50A	6,3	61	15
50A	8	56	22
50A	10	236	145
50A	12,5	60	58
50A	16	45	72
Peso Total	60A =		70 kgf
Peso Total	50A =		312 kgf

Technical drawing of a reinforced concrete slab (V701) showing reinforcement details. The drawing includes a top view and a side view (Corte A).

Top View Details:

- Overall dimensions: 520 (width) x 340 (length).
- Reinforcement bars:
 - 2 N2 ϕ 10 C=580 (top horizontal bars)
 - 1 N1 ϕ 10 C=370 (middle horizontal bar)
 - 1 N3 ϕ 10 C=215 (bottom horizontal bar)
 - 1 N5 ϕ 10 C=105 (left vertical bar)
 - 2 N4 ϕ 10 C=210 (bottom vertical bars)
 - 1 N7 ϕ 10 C=205 (right vertical bar)
 - 2 N6 ϕ 10 C=285 (right vertical bars)
- Dimensions:
 - Horizontal spacing: 340, 80, 215.
 - Vertical spacing: 580, 370, 215.
 - Right edge offset: 190.
- Labels: 20/50 (slab thickness), P49, P44, V701 (slab identifier).

Side View (Corte A) Details:

- Section line: A-A.
- Dimensions: 15 (top flange thickness), 45 (bottom flange thickness).
- Reinforcement: 27 N8 ϕ 5 C=133 (vertical bars).

[illegible]

V702

Corte A


128
3 N2 ϕ 10
C=170
42
89
2 N1 ϕ 5
C=295
20/50
A

Corte B

3 ϕ 10
2 ϕ 5
3 ϕ 10
3 ϕ 12.5
P44
A
405
1 N4 ϕ 12.5 C=425
15
20
500
2 N3 ϕ 12.5 C=540

Corte A

128
3 N2 ϕ 10
C=170
42
32 N5 ϕ 5 C=133
15
45
32 N5 ϕ 5 C=133

EXE	00	PROJETO EXECUTIVO - LICITAÇÃO OBRA		EFCÁCIA	25/11/20
TIPO	REV	DESCRIÇÃO		DESENHO	
REVISÕES					
MINISTÉRIO PÚBLICO DO ESTADO DE MINAS GERAIS					
SEDE DAS PROMOTORIAS DE JUSTICA DA COMARCA DE RIBEIRÃO DAS NEVES					
ENDEREÇO: RUA VERA LÚCIA DE OLIVEIRA ANDRADE, S/N, BAIRRO VILA ESPLANADA, RIBEIRÃO DAS NEVES				ÁREA TERRENO: 3.235,71m ²	
				ÁREA CONSTRUÍDA: 3.915,46m ²	
PROPRIETÁRIO:				CNPJ:	
				20.971.057/0001-45	
PROCURADORIA GERAL DE JUSTIÇA DO ESTADO DE MINAS GERAIS					
PROJETO DE ESTRUTURA DE CONCRETO ARMADO					
EMPRESA:				CNPJ:	
				06.301.115/0001-00	
ENGENHEIRO FABRÍCIO SILVA LIMA CREA: 80.082/D-MG EFICÁCIA PROJETOS E CONSULTORIA LTDA					
RESPONSÁVEL TÉCNICO:				CREA:	
NELSON URIAS PINTO GARIGLIO DA SILVA				82.624/D	
CONTEÚDO: ARMACÃO DE VIGAS BARRILETE - 01/01				DATA: 25/11/20	FOLHA: 90
				ESCALA: INDICADA	75/90