

Technical drawing of a reinforced concrete slab (V317) showing reinforcement details. The drawing includes a plan view of the slab with various reinforcement bars (N1, N2, N3, N4, N5, N6, N7, N8, N9, N10) and their respective quantities and spacings. It also shows a cross-section 'Corte A' with dimensions and reinforcement details. The slab is supported by walls (P42, P25) and has a central opening (V317).

Reinforcement Details:

- Top Reinforcement:**
 - 4 N2 ϕ 10 C=220
 - 2 N1 ϕ 6.3 C=315
 - 2 N4 ϕ 16 C=635
 - 1 N5 ϕ 16 C=355
 - 2 N3 ϕ 6.3 C=250
 - 3 N6 ϕ 12.5 C=295
- Bottom Reinforcement:**
 - 4 ϕ 10
 - 2 ϕ 6.3
 - 3 ϕ 16
 - 3 ϕ 16
 - 2 ϕ 6.3
 - 3 ϕ 12.5
- Central Opening (V317):**
 - 10 C/25
 - 30 ϕ 6.3
- Supports and Dimensions:**
 - Supports: P42, P25
 - Dimensions: 205, 143, 282, 142, 269, 270, 191, 101, 237, 785, 75
- Corte A (Cross-section):**
 - Dimensions: 15, 75
 - Reinforcement: 3 ϕ 16, 8x2 ϕ 6.3, 3 ϕ 12.5

Technical drawing of a reinforced concrete slab (Corte A) showing dimensions and reinforcement details.

Top View (Plan):

- Overall width: 51
- Overall length: 813
- Reinforcement: 3 N1 ϕ 12.5, C=915
- Section line A-A is indicated.

Side View (Corte A):

- Overall height: 15
- Reinforcement: 3 ϕ 16
- Section line A-A is indicated.

Bottom View (Plan):

- Overall width: 41
- Overall length: 813
- Reinforcement: 3 N2 ϕ 16, C=895
- Section line A-A is indicated.

Detail View (Corte A):

- Overall height: 75
- Reinforcement: 44 N3 ϕ 6.3, C=194
- Section line A-A is indicated.

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60A	5	176	27
50A	6,3	2747	673
50A	10	563	347
50A	12,5	398	384
50A	16	172	272
Peso Total	60A =		27 kg
Peso Total	50A =		1676 kg

4x2

Corte A

320
2 N1 ϕ 10
C=350

262
2 N2 ϕ 10
C=290

220
2 N3 ϕ 12.5
C=245

20/80

20/40

N7 C/25
8 ϕ 6.3

N6 C/20
13 ϕ 6.3

4 ϕ 10

4 ϕ 10 2 ϕ 10 + 2 ϕ 12.5 ϕ 12.5

206 ϕ 1.1

4 ϕ 10

P54

P50

3 ϕ 10

P42

(costela)

2x6 N9 ϕ 6.3 C=185

49

1 N6 ϕ 10 C=170

310

2 N5 ϕ 10 C=325

182

4 N4 ϕ 10 C=210

Corte B

-4 ϕ 10

-2 ϕ 12.5

-3 ϕ 10

15

50

13 N8 ϕ 6.3 C=114

15

75

6 N7 ϕ 6.3 C=194

4x

15

3 N1 ø 10 C=180

165

49

4 N2 ø 10 C=195

20/40

A

12 N4 ø 6.3 C=114

15

10

Corte A

P20

3 ø 10

4 ø 10

3 ø 10

305

3 N3 ø 10 C=320

Plan View Details:

- Top edge: 581, 3 N1 \varnothing 12.5 C=631
- Right edge: 20/80, 20/80
- Internal horizontal reinforcement: N3 C/25, 19 \varnothing 6.3, 3 \varnothing 12.5
- Bottom edge: 2x6 \varnothing 6.3, 4 \varnothing 10, V302
- Section markers: A-A, B-B
- Bottom reinforcement: (costeira) 2x6 N4 \varnothing 6.3 C=541
- Bottom edge: 565, 4 N2 \varnothing 10 C=585

Corte A (Cross-section A-A):

- Top reinforcement: 3 \varnothing 12.5
- Stirrups: \varnothing 6.2 \varnothing 6.3
- Bottom reinforcement: 4 \varnothing 10
- Slab thickness: 15

Corte B (Cross-section B-B):

- Top reinforcement: 3 \varnothing 12.5
- Stirrups: \varnothing 6.2 \varnothing 6.3
- Bottom reinforcement: 4 \varnothing 10
- Slab thickness: 15

Reinforcement Legend:

- 19 N3 \varnothing 6.3 C=194
- 2 N3 \varnothing 6.3 C=194

Plan View Details:

- Top Left: 3 N1 Ø 10 C=210
- Top Middle: 2 N2 Ø 10 C=750
- Top Right: 1 N5 Ø 10 C=160
- Middle Left: 1 N3 Ø 10 C=150
- Middle Middle: 1 N4 Ø 10 C=135
- Bottom Left: 2 N6 Ø 10 C=330
- Bottom Middle: 2 N7 Ø 10 C=590
- Bottom Right: 1 N8 Ø 10 C=210
- Section Lines: A-A, B-B, C-C

Section View Details (Corte A, B, C):

- Thickness: 15 cm
- Reinforcement: 13 N9 Ø 6.3 C=114 (Corte A), 13 N10 Ø 5 C=133 (Corte B), 20 N10 Ø 5 C=133 (Corte C)

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|---------|-----|---------------------------------------|----------|----------|
| EXE | 01 | AVALIAÇÃO DE CONFORMIDADE | EFICÁCIA | 18/12/20 |
| EXE | 00 | PROJETO EXECUTIVO – LICITAÇÃO OBRA | EFICÁCIA | 31/07/20 |
| REVCOMP | 02 | REVISÃO PROJETO EXECUTIVO – REF EXE 2 | EFICÁCIA | 24/07/20 |
| REVCOMP | 01 | REVISÃO PROJETO EXECUTIVO – REF EXE | EFICÁCIA | 03/07/20 |
| REVCOMP | 00 | EMISSION INICIAL EXECUTIVO | EFICÁCIA | 25/04/20 |
| ANT | 01 | REVISÃO ANTEPROJETO | EFICÁCIA | 20/02/20 |
| ANT | 00 | EMISSION INICIAL ANTEPROJETO | EFICÁCIA | 21/11/19 |
| TIPO | REV | DESCRIÇÃO | DESENHO | DATA |

REVISÕES		
MINISTÉRIO PÚBLICO DO ESTADO DE MINAS GERAIS SEDE DAS PROMOTORIAS DE JUSTIÇA DE JUIZ DE FORA		
ENDEREÇO: RUA JOSÉ CALIL AHOUGI, LOTE F, BAIXADA DO PARAIBUNA		ÁREA TERRENO: 2.996,30m2
PROPRIETÁRIO: _____ PROCURADORIA GERAL DE JUSTIÇA DO ESTADO DE MINAS GERAIS		ÁREA CONSTRUÍDA: 7.266,36m2 CNPJ: 20.971.057/0001-45
PROJETO DE ESTRUTURA DE CONCRETO ARMADO		
EMPRESA: _____ ENGENHEIRO FABRÍCIO SILVA LIMA CREA: 80.082/D-MG EFICÁCIA PROJETOS E CONSULTORIA LTDA		CNPJ: 06.301.115/0001-00
RESPONSÁVEL TÉCNICO: _____ NELSON URIAS PINTO GARIGLIO DA SILVA		CREA: 82.624/D-MG
CONTEÚDO: ARMAÇÃO DE VIGAS - 3o ao 6o PAVIMENTOS - 07/10 - -		DATA: 18/12/20 ESCALA: INDICADA
		FOLHA: 75/126