

Technical drawing of a bridge structure, showing two levels of reinforcement bars (P1-P9 and P10-P12) and vertical reinforcement (VN1-VN12). The drawing includes dimensions for bar spacing, lengths, and diameters.

Top Level Reinforcement:

- P1:** 2 P1 # 8 C=390
- P2:** 2 P2 # 10 C=540
- P3:** 2 P3 # 10 C=310 (2 # 20x40)
- P4:** 2 P4 # 12.5 C=1050
- P5:** 2 P5 # 12.5 C=1065
- P6:** 2 P6 # 12.5 C=1082
- P7:** 2 P7 # 12.5 C=1040
- P8:** 2 P8 # 12.5 C=540
- P9:** 2 P9 # 10 C=310 (2 # 20x40)
- P10:** 2x2 P10 # 6.3 C=1046
- P11:** 2x2 P11 # 6.3 C=1020
- P12:** 2x2 P12 # 6.3 C=546

Vertical Reinforcement (VN1-VN12):

- VN1-VN12:** Vertical reinforcement bars, with dimensions 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056.

Dimensions and Spacing:

- Bar Spacing:** 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056.
- Bar Lengths:** 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056, 1056.
- Bar Diameters:** 8, 10, 12.5, 12.5, 12.5, 12.5, 12.5, 12.5, 10, 6.3, 6.3, 6.3.

[illegible]

Technical drawing of a 16m long metal structure, likely a bridge or walkway, showing various components and dimensions. The drawing includes a top view and a side view (Corte A).

Top View Dimensions and Components:

- Overall length: 16m
- Components and dimensions from left to right:
 - 2 P1 ø 12.5 C=341 (315)
 - 3 P3 ø 20 C=535 (120)
 - 2 P4 ø 20 C=285 (1 ø 2øCAM) (139)
 - 2 P2 ø 10 C=525 (225)
 - 3 P3 ø 20 C=535 (115)
 - 2 P4 ø 20 C=285 (1 ø 2øCAM)
 - 2 P1 ø 12.5 C=341 (315)

Side View (Corte A) Dimensions and Components:

- Overall height: 162
- Components and dimensions from top to bottom:
 - 40 ø 5 C/12 PB (475)
 - 82 ø 5 C/12 PB (975)
 - 40 ø 5 C/12 PB (475)
 - 21
 - 5

Bottom View Dimensions and Components:

- Overall length: 16m
- Components and dimensions from left to right:
 - 3 P5 ø 12.5 C=553 (527)
 - 4 P6 ø 16 C=775 (59)
 - 4 P6 ø 16 C=1090 (100)
 - 3 P5 ø 12.5 C=553 (526)

Other Labels:

- P37/P38, P35/P36, P33/P34, P31/P32
- 162 PB ø 5 C=122

Technical drawing of a bridge structure, showing a plan view and two cross-sections (Corte A and Corte B).

Plan View:

- Top section: 2 P1 ø 16 C=793
- Left side: 40
- Top right section: 3x2 P2 ø 8 C=230
- Right side: 140
- Bottom right section: 4 ø 5 C/12 P7
- Bottom section: 2 ø 5 C/13 P6 (300)
- Bottom left section: 2 ø 5 C/13 P7 (300)
- Bottom left section: 2x7 P5 ø 6.3 C=100
- Bottom left section: 2x2 P6 ø 6.3 C=100
- Bottom left section: 2 P3 ø 16 C=240
- Bottom left section: 723
- Bottom left section: 2 P4 ø 16 C=756
- Bottom left section: 40

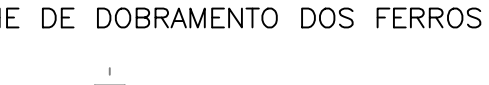
Corte A:

- Top section: 21
- Left side: 104
- Right side: 25 P7 ø 5 C=182
- Bottom section: P13/P26

Corte B:

- Top section: 21
- Left side: 104
- Right side: 29 P8 ø 5 C=VAR (238)
- Bottom section: 29 P8 ø 5 C=VAR (238)

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	1378	220
50	6,3	2228	557
50	8	59	24
50	10	89	58
50	12,5	496	496
50	16	648	1037
50	20	604	1511
Peso Total	60	=	220 kg
Peso Total	50	=	3680 kg

DETALHE DE DOBRAMENTO DOS FERROS		\emptyset	RA/IO (cm)	DESCONTO(cm)
		10.0	7.5	3.0
		12.5	9.3	4.0
		16.0	12.0	5.0
		20.0	15.0	6.0
		25.0	18.5	8.0

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