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Technical drawing of a reinforced concrete beam (V-132) showing its cross-section and longitudinal reinforcement details. The beam has a total length of 12.5m and a height of 45cm. It is supported by three columns (P15, P9, P5) and has a total span of 11.96m. The drawing shows the top and bottom reinforcement bars, stirrups, and the distribution of longitudinal bars. The cross-section is labeled "Seção A" and shows a rectangular shape with dimensions 45cm by 25cm. The longitudinal reinforcement consists of 1N1Ø12.5 C=115 bars at the top and 2N2Ø12.5 C=1196 bars at the bottom. The stirrups are 20x1eN3Ø5 c/18. The beam is labeled "V-132 25x45".

Technical drawing of a reinforced concrete beam (V-129) showing its cross-section and longitudinal reinforcement details. The beam has a total length of 12.512.5m. It features a top reinforcement of 2N1Ø12.5 C=1196 and a bottom reinforcement of 21x1eN3Ø5 c/18. The cross-section is 45cm high and 25cm wide. The drawing includes dimensions for the beam's length, section height, and reinforcement spacing.

Technical drawing of a reinforced concrete beam (P1) showing plan and section views.

Plan View:

- Beam length: 2.25m
- Beam width: 0.15m
- Reinforcement: 2N10 $\varnothing$ 10 C=246 (top), 12x1eN205 c/15 (bottom), 15x30 (stirrups)
- Dimensions: 0.25m, 1.75m, 0.25m

Section View (Seção A):

- Section width: 0.15m
- Section height: 0.30m
- Reinforcement: 2N10 $\varnothing$ 10 (top), 12N205 (bottom), 15x30 (stirrups)

Technical drawing of a reinforced concrete beam (Seção A) showing top and side views. The top view shows a beam with a total length of 1.9m, a central section of 1.5m, and end sections of 0.2m. It features 2N1Ø10 top bars, 2N1Ø10 bottom bars, and 10x1eN2 c/15 stirrups. The side view shows a beam with a total height of 0.30m, a central section of 0.15m, and end sections of 0.05m. It features 2N1Ø10 top bars, 2N1Ø10 bottom bars, and 10x1eN2 c/15 stirrups. The drawing is labeled "Seção A" and includes dimensions in meters and centimeters.

Technical drawing of a bridge deck cross-section and longitudinal view.

Seção A (Cross-section): Shows a rectangular cross-section with a total width of 4.65m. The section is divided into three lanes, each 2.5m wide. The reinforcement consists of 25x45cm bars. The section is labeled "Seção A" and "N3".

Longitudinal View: Shows the bridge deck with a total length of 18.6m. The deck is supported by three piers (P13, P11, P7) and two abutments (P15, P3). The spans are 5.831m, 3.787m, 3.754m, and 3.805m. The reinforcement consists of 2N1Ø12.5 C=1200 bars in the top and 2N2Ø12.5 C=590 bars in the bottom. The deck is made of 31x1eN3Ø5 c/18 concrete.

Technical drawing of a reinforced concrete beam cross-section (Seção A) showing two views: a top view and a side view.

Top View:

- Overall width: 25
- Overall height: 47
- Top reinforcement bar: P2, 2N1Ø10 C=356
- Bottom reinforcement bar: P60, 2N1Ø10 C=356
- Internal dimensions: 25 (width), 47 (height), 25 (width), 47 (height)
- Labels: A, V-209, 25x45

Side View:

- Overall width: 25
- Overall height: 47
- Top reinforcement bar: P2, 2N2Ø12.5 C=363
- Bottom reinforcement bar: P60, 2N2Ø12.5 C=363
- Internal dimensions: 25 (width), 47 (height), 25 (width), 47 (height)
- Labels: A, 16x1eN3Ø5 c/18, 16N3Ø5 C=128

Technical drawing of a reinforced concrete slab (V-211, V-212, V-213) showing plan and section views.

Plan View:

- Overall dimensions: 4.125m, 3.75m, 3.975m.
- Reinforcement details: 2N1Ø12.5 C=1196, 21x1eN2Ø5 c/18, 20x1eN2Ø5 c/18, 20x1eN2Ø5 c/18.
- Section line A-A is indicated.

Section View (Seção A):

- Width: 25cm.
- Height: 20cm.
- Reinforcement details: 6N2Ø5 C=128.

Technical drawing of a reinforced concrete beam (V-215) showing top and bottom views with dimensions and reinforcement details.

Top View:

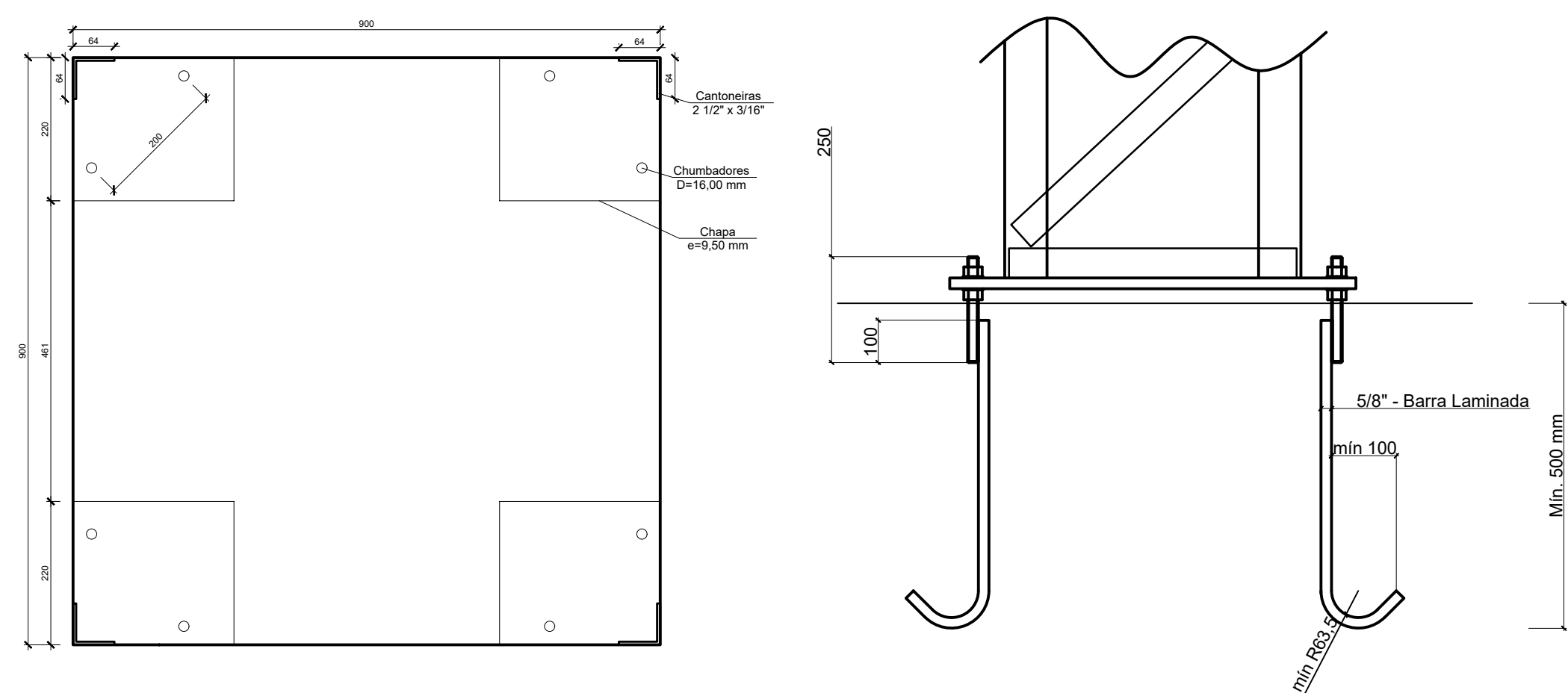
- Overall length: 12.5 m.
- Section A-A is indicated at the center.
- Reinforcement details:
 - Top: 2N1012.5 C=1196
 - Bottom: 21x1eN205 c/18
- Dimensions: 4.125 m, 3.75 m, 3.975 m.
- Labels: P15, P9, P3, P82, V-214, V-215, V-216, 25x45.

Bottom View:

- Overall length: 12.5 m.
- Section A-A is indicated at the center.
- Reinforcement details:
 - Top: 2N1012.5 C=1196
 - Bottom: 20x1eN205 c/18
- Dimensions: 25, 375, 12.512.5, 350, 12.512.5, 360, 25.
- Labels: P15, P9, P3, P82, V-214, V-215, V-216, 25x45.

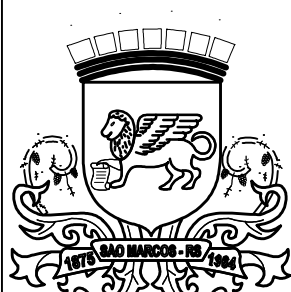
Section A-A:

- Width: 25 cm.
- Height: 40 cm.
- Reinforcement: 6N205 C=128.



7.2 Detalhamento - Vigas Baldrame

7.3 Detalhamento - Vigas Piso 1

		PREFEITURA MUNICIPAL DE SÃO MARCOS NÚCLEO DE SANEAMENTO			
Eng. Anídia Gabriela Pecchin Marcon		Engenharia Civil - Crea/RS 174.673			
Eng. Pablo Candido Corrêa		Engenharia Civil - Crea/RS 219.888			
Arq. Ramona Romio		Arquiteto e Urbanista - CAU 442.350-5			
Eng. Rodrigo Giotti		Engenharia Civil - Crea/RS 226.963			
RESPONSÁVEL TÉCNICO PROJETISTA:					
PABLO CANDIDO CORRÊA, RAMONA ROMIO					
CÓDIGO:					
CENTRO DE EVENTOS SÃO MARCOS					
PROPRIETÁRIO:					
SECRETARIA DA CULTURA, DESPORTO E TURISMO					
LOCALIZAÇÃO:					
RUA CARLOS GOMES - PARQUE ALBINO RUARO					
DISTRITO:	ZONA:	QUADRA:	LOTE:	T.O.:	I.A.:
01	02	079			
PROJETOS:					
ESTRUTURAL - PARTE FRONTAL					
ESCALAS:	DESENHO:	DATA:	ÁREA:	VERSÃO:	PRONCHA:
INDICAÇÕES	PABLO	12/06/2024	663,68 m²	01	07/12
ASSINATURA RESPONSÁVEL TÉCNICO:			ASSINATURA DO PROPRIETÁRIO:		