

The drawing illustrates the structural details of a staircase section, showing the reinforcement layout for the concrete slabs and the dimensions of the staircase flights.

Dimensions:

- Staircase width: 300 cm
- Staircase height: 280 cm
- Staircase depth: 40 cm

Reinforcement Details:

- Viga Superior:** 4 $\phi 10.0$ C=300, 30 N1 c/10, 5.80
- Viga Intermediaria:** 4 $\phi 10.0$ C=280, 28 N1 c/10, 2.80
- Viga Baldrame:** 4 $\phi 10.0$ C=280, 28 N1 c/10, 0.00

Reinforcement Layout:

- The reinforcement is shown in cross-section and plan view.
- The cross-section shows the reinforcement bars (4 $\phi 10.0$) and the spacing (C=300).
- The plan view shows the reinforcement bars (4 $\phi 10.0$) and the spacing (C=280).

Viga Superior

1 O

60 $\phi 5.0$ C=20 c/10

$\phi 10.0$

200

60

300

8 $\phi 10.0$ C=300

30 N1 c/10

300

Viga Intermediaria

2,80

Technical drawing of a beam cross-section and elevation.

Cross-section details:

- Beam width: 25
- Beam height: 30
- Central hole diameter: $\varnothing 10.0$
- Base width: 14

Elevation details:

- Beam length: 300
- Height from ground to top of beam: 5.80
- Height from ground to bottom of beam: 2.80
- Beam label: Viga Superior
- Beam label: Viga Intermediaria

AÇO	DIAM	C.TOTAL (m)	PESO (kg)
CA50	10.0	964,80	595,28
CA60	5.0	1.765,44	271,88
PESO TOTAL			
CA50	595,28		
CA60	271,88		

PREFEITURA MUNICIPAL

Administração 2021 / 2024

ADMINISTRAÇÃO	RESP. TÉCNICO	PRANCHA		
	Juscelino Thomazi Engenheiro Civil CREA PR: 176171/D	06/07		
OBRA	ESF – ESTRATÉGIA SAÚDE FAMILIAR	PROJETO ESTRUCTURAL		
		ÁREA 486,74 m²		
		DATA JULHO / 2023		
ESPECIFICAÇÕES	DETALHES PILARES	LOTE 21	QUADRA 27	LOTAMENTO PARTE NORTE
LOCAL	RUA PRESIDENTE COSTA E SILVA, 920 – CENTRO NORTE	ESCALA INDICADA		
MUNICÍPIO	ESTADO	ARQUIVO		
DOIS VIZINHOS	PARANÁ			