

[illegible]

N=+30.25		N=+26.55		N=+22.85		N=+19.15		N=+15.45		N=+11.75	
<p>90 80 14 N5 ϕ 16 2x18 N3 ϕ 5 C/20 C=99</p>	<p>84 74 18 N2 ϕ 5 C/20 C=330</p>	<p>75 3x18 N4 ϕ 5 C/20 C=89 370</p>	<p>90 80 16 N5 ϕ 16 3x18 N3 ϕ 5 C/20 C=99</p>	<p>84 74 18 N2 ϕ 5 C/20 C=330</p>	<p>75 3x18 N4 ϕ 5 C/20 C=89 370</p>	<p>90 80 16 N1 ϕ 20 2x18 N3 ϕ 5 C/20 C=99</p>	<p>84 74 18 N2 ϕ 5 C/20 C=330</p>	<p>75 4x18 N4 ϕ 5 C/20 C=89 370</p>	<p>90 80 16 N1 ϕ 20 2x18 N3 ϕ 5 C/20 C=99</p>	<p>84 74 18 N2 ϕ 5 C/20 C=330</p>	<p>75 4x18 N4 ϕ 5 C/20 C=89 370</p>

Section	Top View (mm)	Front View (mm)	Reinforcement Details	Notes
1	<p>90 80 14 N1 ϕ 16 85 2x18 N3 ϕ 5 C/20 C=99</p>	<p>84 74 18 N2 ϕ 5 C/20 C=330</p>	<p>75 3x18 N4 ϕ 5 C/20 C=89 370</p>	<p>N=+48.75 14 N1 ϕ 16 C=434 N2 2xN3 3xN4 18 ϕ 5 C/20</p>
2	<p>90 80 14 N1 ϕ 16 85 2x18 N3 ϕ 5 C/20 C=99</p>	<p>84 74 18 N2 ϕ 5 C/20 C=330</p>	<p>75 3x18 N4 ϕ 5 C/20 C=89 370</p>	<p>N=+45.05 14 N1 ϕ 16 C=434 N2 2xN3 3xN4 18 ϕ 5 C/20</p>
3	<p>90 80 14 N1 ϕ 16 85 2x18 N3 ϕ 5 C/20 C=99</p>	<p>84 74 18 N2 ϕ 5 C/20 C=330</p>	<p>75 3x18 N4 ϕ 5 C/20 C=89 370</p>	<p>N=+41.35 14 N1 ϕ 16 C=434 N2 2xN3 3xN4 18 ϕ 5 C/20</p>
4	<p>90 80 14 N1 ϕ 16 85 2x18 N3 ϕ 5 C/20 C=99</p>	<p>84 74 18 N2 ϕ 5 C/20 C=330</p>	<p>75 3x18 N4 ϕ 5 C/20 C=89 370</p>	<p>N=+37.65 14 N1 ϕ 16 C=434 N2 2xN3 3xN4 18 ϕ 5 C/20</p>
5	<p>90 80 14 N1 ϕ 16 85 2x18 N3 ϕ 5 C/20 C=99</p>	<p>84 74 18 N2 ϕ 5 C/20 C=330</p>	<p>75 3x18 N4 ϕ 5 C/20 C=89 370</p>	<p>N=+33.95 14 N1 ϕ 16 C=434 N2 2xN3 3xN4 18 ϕ 5 C/20</p>
6	<p>90 80 14 N1 ϕ 16 85 2x18 N3 ϕ 5 C/20 C=99</p>	<p>84 74 18 N2 ϕ 5 C/20 C=330</p>	<p>75 3x18 N4 ϕ 5 C/20 C=89 370</p>	<p>N=+30.25 14 N1 ϕ 16 C=434 N2 2xN3 3xN4 18 ϕ 5 C/20</p>

Technical drawing of a rectangular frame with dimensions and reinforcement details.

Plan View (Top):

- Overall dimensions: 90 (width) x 56 (height).
- Reinforcement details:
 - Top and Bottom: 9 N5 ϕ 16, 5 N6 ϕ 16, 3 N7 ϕ 16.
 - Left and Right: 2 N8 ϕ 5, 2 N3 ϕ 5, 2 N4 ϕ 5.
- Dimensions: 84 (width), 74 (height), 18 (corner radius), 24 (corner offset), 18 (corner offset).

Section View (Bottom):

- Overall dimensions: 84 (width) x 74 (height).
- Reinforcement details:
 - Top and Bottom: 9 N5 ϕ 16, 5 N6 ϕ 16, 3 N7 ϕ 16.
 - Left and Right: 2 N8 ϕ 5, 2 N3 ϕ 5, 2 N4 ϕ 5.
- Dimensions: 84 (width), 74 (height), 18 (corner radius), 24 (corner offset), 18 (corner offset).

RESUMO AÇO CA 50-60				
ACO	BIT (mm)	COMPR (m)	PESO (kg)	
60	5	1939	310	
50	6,3	505	126	
50	16	548	876	
50	20	288	720	
50	25	369	1474	
Peso Total		60 =	310 kg	
Peso Total		50 =	3197 kg	

1-CONCRETO $f_{ck} \geq 35\text{MPa}$; FATOR ÁGUA/CIMENTO=0.50
2-MEDIDAS EM CENTÍMETRO, NÍVEIS EM METRO
3-COBRIMENTO DOS PILARES = 3,0cm

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