

Technical drawing of a reinforced concrete slab (L.01) showing four cross-sections (1-1, 2-2, 3-3, 4-4) and a plan view. The slab is 245 cm wide and 80 cm high. It features a top reinforcement layer with 24 N4 bars (C=270) and a bottom reinforcement layer with 24 N3 bars (C=317). The drawing also shows the distribution of reinforcement bars (N5, N6) and the location of the slab relative to the ground level (N=+8.05, N=+4.35, N=+0.65, N=-2.95).

Reinforcement Details Summary:

Layout	Top View	Bottom View	Reinforcement	Spacing	Length	Width	Area (cm²)
a	30 N7 ϕ 5 C/12 C=270	2x30 N6 ϕ 5 C/12 C=317	54 N5 ϕ 10	30	245	24	26.55
b	30 N7 ϕ 5 C/12 C=270	2x30 N6 ϕ 5 C/12 C=317	54 N5 ϕ 10	30	245	24	22.85
c	24 N3 ϕ 5 C/15 C=270	2x24 N2 ϕ 5 C/15 C=317	54 N1 ϕ 12.5	30	245	24	19.15
d	24 N3 ϕ 5 C/15 C=270	2x24 N2 ϕ 5 C/15 C=317	54 N1 ϕ 12.5	30	245	24	15.45

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	4293	687
50	10	664	418
50	12.5	1791	1791
Peso Total		60 =	687 kg
Peso Total		50 =	2210 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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