

Technical drawing of a reinforced concrete slab (Losa) showing top and side views with dimensions and reinforcement details.

Top View (Left): Shows a square slab with overall dimensions of 45 by 45. The reinforcement layout is indicated by a grid with dimensions 22.5 and 22.5.

Top View (Right): Shows a square slab with overall dimensions of 39 by 39. The reinforcement layout is indicated by a grid with dimensions 22.5 and 22.5. The slab is labeled (43X)5N3(166)Ø8.0.

Side View (Middle): Shows a cross-section of the slab. The total height is 50. The slab is supported by two pillars (ESPERAS DOS PILARES). The reinforcement includes top bars (ESTRIBOS) and bottom bars (ARM. DA ESTACA). The slab is labeled (43X)2N2(172)Ø8.0.

Side View (Right): Shows a cross-section of the slab. The total height is 44. The slab is supported by two pillars (ESPERAS DOS PILARES). The reinforcement includes top bars (ESTRIBOS) and bottom bars (ARM. DA ESTACA). The slab is labeled (43X)2N1(202)Ø8.0.

RESUMO DO AÇO		
	DIAM.	PESO
CA-60	5.0	110
	6.0	-
CA-50	6.3	-
	8.0	250
	10.0	-
	12.5	-
	16.0	-
	20.0	-
	25.0	-
TOTAL		460
VOLUME DE CONCRETO		4,50 m³
ÁREA DE FORMA		37,00 m²

NOTAS:		
01	conferir as medidas in loco.	
02	todas as cotas estão em centímetros	
03	em caso de dúvidas, consultar o autor do projeto.	
04	as medidas referem-se às dimensões acabadas	
05	existindo a necessidade de realizar alterações e/ou ajustes durante a obra, deverá haver anuência prévia da fiscalização.	
06	todas as alterações processadas em obra deverão ser registradas para efeito do "As Built", e respeitadas aos projetos	
07	em caso de substituição de materiais pelo critério da similitude, deverá haver autorização prévia da fiscalização.	

NIVEL = 0.07 - L1
ESC 1:30

15
25

10
20

VAR N1Ø5.0C=70

VAR

53

0.07

VAR N1 c/12

VAR

10

NIVEL + 0.07 - L1
ESC 1:30

20 20

15 15

VAR N305.0C=70

4 N2010.0C=VAR

53 s/esc

0.07

VAR

VAR N3
c/12

VAR

10

RESUM0 DD ACD			
ACD	DIAM.	C. TOTAL (m)	PESQ+ OZ (kgF)
CA50A	10.0	267.3	168
CA60	5.0	229.6	36
PESQ TOTAL			
CA50A	168 kgf		
CA60	36 kgf		

Vol. concreto total = 2.00 m³
 Area de forma total = 33.00 m²

Figure 1: Schematic diagram of the experimental setup for the study of the effect of the magnetic field on the growth of the dendrites. The diagram shows a cross-section of a sample with dimensions 20, 20, 15, and 15. A magnetic field B is applied vertically. A coordinate system (x, y) is shown. The sample is labeled "25 N305,0C=70". The growth rate is indicated as "4 N2010,0C=VAR" and "25 N3 25 N3 0.07". The vertical axis is labeled "VAR" and "s/sec".

RESUMO DO ACO			
ACO	DIAM.	C. TOTAL (m)	PESO+ OX. (kgF)
CA50A	10.0	503.4	320
CA60	5.0	717.5	120
PESO TOTAL			
CA50A	320 kgF		
CA60	120 kgF		

Vol. concreto total = 5.00 m³
 Area de forma total = 102.00 m²

A1.dwg - 841 x 594mm