

[illegible]

ESCALA=1:50

24 490 810 300 20

40 450 450 40

PISTA PISTA PASSEIO

+13,832 (LAJE EM OSSO)

+13,930 (LAJE EM OSSO NO EIXO)

$i=2\%$ $i=2\%$

+13,768 (LAJE EM OSSO)

$i=2\%$ (LAJE)

$i=1\%$ (PASSEIO)

PONTO P/ MACAQUEAMENTO DA SUPERESTRUTURA

100 105 100 105 100 105

11.4 16.9 16 10.5 5

20 80 275 275 160 85 275 275 85 80 20

435 85 150

250 800 250

1300

500 300 500

250 250 250 250

100 150 150 100 100 150 150 100

150

CONFIRMAR ALTURA DO BERÇO COM A ALTURA EXATA DO APARELHO A DEPENDER DAS DIMENSÕES FORNECIDAS PELO FABRICANTE.

EIXO DO ESTACAMENTO - RAMO 2000

ESCALA=1:12,5

ESCALA=1:12,5

Technical drawing of a square staircase floor plan. The drawing shows a central square area with a circular staircase layout. The overall dimensions are 100 units by 100 units. The central square area is 80 units by 80 units. The dimensions are as follows:

- Overall width: 100
- Overall height: 100
- Central square width: 80
- Central square height: 80
- Distance from outer edge to inner square: 10 (on all sides)
- Distance from inner square to center: 50 (on all sides)
- Distance from center to outer edge: 55 (on all sides)

Technical drawing showing two views of a square plate with a central hole and four corner holes. The top view is on the left, and the front view is on the right. The scale is 1:50.

Top View (Left): A square plate with a central hole of diameter 140 and four corner holes of diameter 120. The central hole is located at the center of the plate. The four corner holes are located at the corners of the plate. The dimensions are: total width 250, total height 250, central hole diameter 140, corner hole diameter 120. The distance from the center of the central hole to the center of each corner hole is 150.

Front View (Right): A square plate with a central hole of diameter 140 and four corner holes of diameter 120. The central hole is located at the center of the plate. The four corner holes are located at the corners of the plate. The dimensions are: total width 250, total height 250, central hole diameter 140, corner hole diameter 120. The distance from the center of the central hole to the center of each corner hole is 150.

Planta baixa (top view) of the building layout. The drawing shows a long rectangular structure with a central corridor and two main rooms on either side. Dimensions are provided in meters. The total length is 1300m. The width is 240m. The drawing includes a north arrow in the top left corner. Annotations include "VER ESPECIFICAÇÃO E LOCAÇÃO NO DESENHO I-OAESV-X-R0/16-104-iv)" and "ESCALA=1:50". A specific detail is highlighted with "VER DET."2".

Technical drawing of a square slab with four columns and a central column, showing two views: a plan view and a section view.

Plan View (Left):

- Overall dimensions: 800 mm (width) x 800 mm (height).
- Central column: Solid circle with diameter $\phi 140$.
- Four corner columns: Dashed circles with diameter $\phi 120$.
- Dimensions from center to column center: 250 mm (horizontal) and 250 mm (vertical).
- Dimensions from column center to edge: 100 mm (horizontal) and 100 mm (vertical).
- Dimensions from center to edge: 150 mm (horizontal) and 150 mm (vertical).
- Overall width and height: 800 mm.

Section View (Right):

- Overall dimensions: 800 mm (width) x 800 mm (height).
- Central column: Solid circle with diameter $\phi 140$.
- Four corner columns: Dashed circles with diameter $\phi 120$.
- Dimensions from center to column center: 250 mm (horizontal) and 250 mm (vertical).
- Dimensions from column center to edge: 100 mm (horizontal) and 100 mm (vertical).
- Dimensions from center to edge: 150 mm (horizontal) and 150 mm (vertical).
- Overall width and height: 800 mm.

NOTAS :

- 1_ DIMENSÕES EM CENTÍMETROS EXCETO ONDE INDICADO:
- 2_ VER NOTAS GERAIS NO DESENHO I-OAESV-X-R0/16-70-IV;
- 3_ CONCRETO ESTRUTURAL E FATOR ÁGUA/CIMENTO:
- 3.1_ (BLOCOS) _____ fck=40 MPa - FATOR ÁGUA/CIMENTO ≤ 0.45
- 3.2_ (PILARES) _____ fck=40 MPa - FATOR ÁGUA/CIMENTO ≤ 0.45
- 3.3_ (TRAVESSAS) _____ fck=40 MPa - FATOR ÁGUA/CIMENTO ≤ 0.45
- 4_ VER ESPECIFICAÇÃO E LOCAÇÃO DOS APARELHOS DE APOIO METÁLICOS NO DESENHO I-OAESV-X-R0/16-104-IV

SEM ESCALA

(COTAS EM MILÍMETROS)

BORRACHA NEOPRENE

CHAPAS DE AÇO

73

12,5

2,5

3


300x450

(O LOTE DE APARELHOS DE APOIO DEVERÁ SER ENSAIADO CONFORME A NBR 19783)

LEGENDAS

	PARA 1 RAMO		PARA 2 RAMOS	
	Vc (m³)	Af (m²)	Vc (m³)	Af (m²)
TRAVESSA	62,93	129,91	125,87	259,41
PILARES	19,70	56,30	39,40	112,60
BLOCOS	75,0	110,0	150,0	220,0

B	25/09/19	APROVADO	MST	AEFA	BRF	
A	04/08/19	PARA APROVAÇÃO	MAS	AEFA	BRF	
O	05/06/19	EMISSÃO INICIAL	MAS	AEFA	BRF	
REV.	DATA	DESCRIÇÃO	EXEC.	VERIF.	APROV.	

ÍNDICE DE REVISÕES				
	OPERAÇÃO:	OS/OSA:	NÚMERO PLANAVE:	EMIÇÃO:
	1.15.285	01/00	DE-F01-B22-1033	B
	CONTRATO:	ARQUIVO:		
	158/2016	DEF01B221033B1.dwg		

SECRETARIA DE INFRAESTRUTURA URBANA

EMPREENDIMENTO:	OBRA DE ARTE ESPECIAL E READEQUAÇÃO DO SISTEMA VIÁRIO
TÍTULO:	PROJETO EXECUTIVO – OBRA DE ARTE ESPECIAL FORMA APOIOS AP08 – RAMO 1000 E RAMO 2000

ESCALA: INDICADA	NÚMERO CLIENTE: I-OAESV-X-R2/16-103-lv	REV.: 2
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