

Technical drawings of the 1000W power supply unit showing dimensions and part numbers:

- Top View:** A square unit with a side length of 45 mm. It features a central circular fan area with a diameter of 36 mm. The fan is labeled with "N9" and "N8". The overall width is labeled as 45 mm.
- Side View:** Shows the unit's profile with a total height of 75 mm. The fan area has a height of 40 mm. The input voltage is 0 V, and the output voltage is -30 V. The fan is labeled with "N9" and "N7 c/7". The output current is CA: >70.
- Bottom View:** Shows the unit's base with a width of 49 mm and a height of 31 mm. It is labeled with "2 N8 a5.0 C=171".
- Front View:** Shows the unit's front with a width of 35 mm and a height of 30 mm. It is labeled with "2 N8 a5.0 C=141".

Technical drawing of a 2x2 grid of square panels. The drawing includes a top view and a side view. The top view shows a square panel with a width of 110 and a height of 75. The side view shows a square panel with a width of 110 and a height of 75. The drawing includes labels for various components and dimensions.

Labels and dimensions:

- Top view: 110, 75, 45, 40, 31, 110, 4 N1 ø5.0 c/5 C=169, 36, 5 N2 ø5.0 c/305, 111, 6 N15 ø8.0 c/4 C=168, 35, 5 N4 ø5.0 c/25 C=142.
- Side view: 110, 6, 4 N3 ø5.0 c/8 C=119, 6, 0, -30, 5 N2 c/7, CA : -70, 31, 110, 6 N15 ø8.0 c/4 C=168, 35, 5 N4 ø5.0 c/25 C=142.

Technical drawing of a 3D printed part, showing three views: front, top, and side. The part is a rectangular block with a central slot and two circular holes.

**Front View (Left):**

- Overall width: 120
- Overall height: 45
- Slot width: 37.5
- Slot height: 36
- Slot depth: 36
- Slot material: 4 N5 a5.0 c/5 C=179
- Slot thickness: 110
- Slot material: 5 N2 a5.0 C=305
- Slot width: 111
- Slot height: 36
- Slot material: 5 N2 a5.0 c/25 C=163

**Top View (Right):**

- Overall width: 120
- Overall height: 45
- Slot width: 37.5
- Slot height: 36
- Slot depth: 36
- Slot material: 4 N5 a5.0 c/5 C=179
- Slot thickness: 110
- Slot material: 5 N2 a5.0 C=305
- Slot width: 111
- Slot height: 36
- Slot material: 5 N2 a5.0 c/25 C=163

**Side View (Bottom):**

- Overall width: 120
- Overall height: 45
- Slot width: 37.5
- Slot height: 36
- Slot depth: 36
- Slot material: 4 N5 a5.0 c/5 C=179
- Slot thickness: 110
- Slot material: 5 N2 a5.0 C=305
- Slot width: 111
- Slot height: 36
- Slot material: 5 N2 a5.0 c/25 C=163

**Dimensions and Material Specifications:**

- Overall width: 120
- Overall height: 45
- Slot width: 37.5
- Slot height: 36
- Slot depth: 36
- Slot material: 4 N5 a5.0 c/5 C=179
- Slot thickness: 110
- Slot material: 5 N2 a5.0 C=305
- Slot width: 111
- Slot height: 36
- Slot material: 5 N2 a5.0 c/25 C=163

BALDRAME - L1

SEÇÃO  
ESC: 1:20

14

30

VISTA A

8

24

N12

VAR

20

2 N18 ø10.0 C=VAR

38

VAR

4 N17 ø10.0 C=VAR

20

VAR

6 N10 ø5.0 C=75

6 N12 ø5.0 C=23

**BALDRAME - L1**

**SEGAO ESC 1,20**

**VISTA A ESC 1,25**

**VISTA B ESC 1,25**

14

30

24

8

6 N10 a5.0 C=75

VAR

38

20

4 N17 a10.0 C=VAR

ESC 125

ESC 120

BALDRAME - L1

SEÇÃO  
ESC 120

30

14

VISTA H

VISTA B

24

8

N12

VAR

38

20

VAR

6 N17 ø10,0 C=VAR

6 N10 ø5,0 C=75

6 N12 ø5,0 C=23

BALDRAME - L1

SEÇÃO  
ESC 1:20

VISTA H

VISTA B

Ø11 ±0.0 C=85

30

19

38

20

VAR

4 N°17 ±0.0 C=VAR

13

24

VAR

0

| RELAÇÃO DO AÇO |    |              |       |                |                 |  |
|----------------|----|--------------|-------|----------------|-----------------|--|
| 12x18F1        |    | B27          |       | 18x18B31       |                 |  |
| 14x1F1         |    | B27P2        |       | P27P3          |                 |  |
| 4x47F1         |    | P12          |       | P27P3          |                 |  |
| P31            |    |              |       |                |                 |  |
| AÇO            | N  | DIAM<br>(mm) | QUANT | C.UNIT<br>(cm) | C.TOTAL<br>(cm) |  |
| CA60           | 1  | 5.0          | 48    | 169            | 8112            |  |
|                | 2  | 5.0          | 65    | 305            | 19825           |  |
|                | 3  | 5.0          | 52    | 119            | 6168            |  |
|                | 4  | 5.0          | 60    | 143            | 8580            |  |
|                | 5  | 5.0          | 4     | 179            | 716             |  |
|                | 6  | 5.0          | 5     | 163            | 815             |  |
|                | 7  | 5.0          | 90    | 155            | 13950           |  |
|                | 8  | 5.0          | 36    | 171            | 6186            |  |
|                | 9  | 5.0          | 38    | 141            | 5358            |  |
|                | 10 | 5.0          | 144   | 75             | 10800           |  |
|                | 11 | 5.0          | 12    | 95             | 1140            |  |
|                | 12 | 5.0          | 30    | 23             | 690             |  |
| CA50           | 13 | 5.0          | 30    | 95             | 2850            |  |
|                | 14 | 5.0          | 12    | 23             | 276             |  |
|                | 15 | 8.0          | 72    | 168            | 12096           |  |
|                | 16 | 8.0          | 2     | 188            | 376             |  |
|                | 17 | 10.0         | 130   | VAR            | VAR             |  |
|                | 18 | 10.0         | 2     | VAR            | VAR             |  |
|                | 19 | 12.5         | 1     | VAR            | VAR             |  |
|                | 20 | 12.5         | 1     | VAR            | VAR             |  |

### RESUMO DO AÇO

| AÇO                        | DIAM<br>(mm) | C. TOTAL<br>(m) | QUANT + 0%<br>(Barras) | PESO + 0%<br>(kg) |
|----------------------------|--------------|-----------------|------------------------|-------------------|
| CA50                       | 8.0          | 128.5           | 11                     | 50.7              |
|                            | 10.0         | 160.2           | 14                     | 98.8              |
|                            | 12.5         | 11.2            | 1                      | 10.8              |
| CA60                       | 5.0          | 851.9           | -                      | 131.3             |
| <b>PESO TOTAL<br/>(kg)</b> |              |                 |                        |                   |
| CA50                       | 160.3        |                 |                        |                   |
| CA60                       | 131.3        |                 |                        |                   |

Volume de concreto (C-25) = 5,73 m³  
 Área de forma = 54,26 m²

**BALDRAME - L1**

**SEÇÃO ESCO 1:20**

**VISTA H**

**VISTA B**

Dimensions and features shown:

- Total height: 40
- Top flange width: 14
- Internal hole diameter: 8
- Internal thread: N12
- Section cut symbol: VAR
- Section cut length: 34
- Bottom flange thickness: 6
- Bottom flange outer diameter: N13 ±0.0 C=95
- Bottom flange inner diameter: N12 ±0.0 C=23
- Side view dimensions: 38 (total height), 20 (bottom flange thickness)
- Side view labels: VAR, 6 N17 ±0.0 C=VAR

BALDRAME - L1

SEÇÃO  
ESC 1:20

VISTA H

VISTA B

6 N10 Ø5,0 C=75

0

VAR

38

20

4 N17 Ø10,0 C=VAR

VAR

BALDRAME - L1

SEÇÃO  
ESC 1:20

40

14

VISTA H

8

34

N14

VAR

6 N13 ø5,0 C=95  
2x6 N14 ø5,0 C=23

VAR

47

20

8 N18 ø12,5 C=VAR

VAR

ESC 1:20

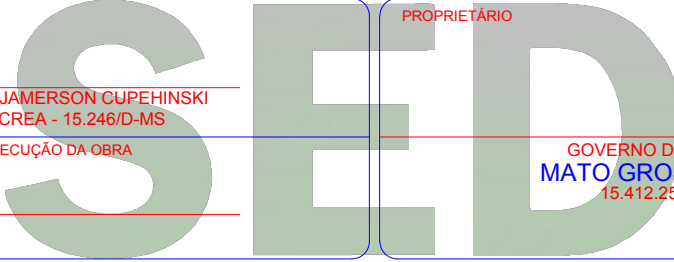
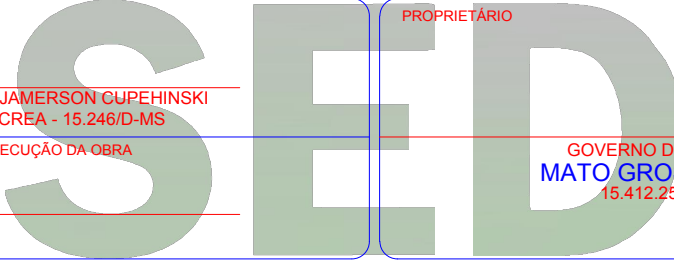


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Architectural floor plan of the first floor of the 'COBERTURA' building. The plan shows a long, narrow structure with several large rectangular rooms. The rooms are labeled with 'VC' (Vestibulo) and 'P' (Piso) followed by a number. The rooms are arranged in a row, with 'VC11' and 'VC1' at the top, 'VC2', 'VC3', 'VC4', and 'VC5' in the middle, and 'VC6' at the bottom. The rooms are separated by walls and have doors. The plan also shows a 'BALDRAME' (balcony) at the bottom right. The plan is oriented with North at the top, indicated by a compass rose. The scale is 1:100, indicated by a scale bar.

Corte B-B

Corte A-A

|                                                                                                                        |                                                                                                                                                        |                                                                                                                  |                                                                                       |
|------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                   | GOVERNO DO ESTADO DE MATO GROSSO DO SUL<br>SECRETARIA DE ESTADO DE EDUCAÇÃO<br>SUPERINTENDÊNCIA DE APOIO OPERACIONAL / COORDENADORIA DE INFRAESTRUTURA |                                                                                                                  |  |
|                                                                                                                        | EM IRACY DA SILVA ALMEIDA<br>AMPLIAÇÃO E CONSTRUÇÃO                                                                                                    |                                                                                                                  | ESTRUTURAL                                                                            |
| LOCAL<br>R. RACHIDE ABES, 1148 - JARDIM VISTA ALEGRE<br>RIBAS DO RIO PARDO / MS                                        |                                                                                                                                                        | QUADRO DE ÁREAS                                                                                                  |                                                                                       |
| AUTOR DO PROJETO<br><div>  </div> |                                                                                                                                                        | PROJEITADO<br><div>  </div> |                                                                                       |
| "ENG" JAMERSON GULPCHINSKI<br>CREA: 15.2440-MG                                                                         |                                                                                                                                                        | GOVERNO DO ESTADO DE<br>MATO GROSSO DO SUL<br>16.412.257/0001-28                                                 |                                                                                       |
| RESPONSÁVEL TÉCNICO P/ EXECUÇÃO DA OBRA                                                                                |                                                                                                                                                        |                                                                                                                  |                                                                                       |
| TÍTULO<br>PLANTA DE ARMAÇÃO DOS BLOCOS E ARRANQUE<br>DOS PILARES / CORTE AA / CORTE BB                                 |                                                                                                                                                        |                                                                                                                  | FOLHA<br>02/10                                                                        |
| ESCALA<br>INDICADA                                                                                                     | DATA<br>AGOSTO/2021                                                                                                                                    | REVISÃO                                                                                                          | DESENHO<br>JAMERSON                                                                   |