

Quadro de Cargas (QD2) - Pavimento

| Circuito | Descrição | Esquema | Método de inst. | Tensão (V) | Pot. total. (VA) | Pot. total. (W) | Fases | Pot. - R (W) | Pot. - S (W) | Pot. - T (W) | FCT  | FCA  | In' (A) | Ip (A) | Seção (mm²) | Ic (A) | Disj (A) | dV parc (%) | dV total (%) |
|----------|-----------|---------|-----------------|------------|------------------|-----------------|-------|--------------|--------------|--------------|------|------|---------|--------|-------------|--------|----------|-------------|--------------|
| AG11     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+T   | 3000         |              | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 3.71        | 5.03         |
| AG12     |           | F+F+T   | B1              | 220 V      | 4000             | 4000            | R+S   | 2000         | 2000         |              | 1.00 | 0.38 | 48.9    | 18.6   | 6           | 54.0   | 20       | 2.40        | 3.71         |
| AG15     |           | F+F+T   | B1              | 220 V      | 4000             | 4000            | R+S   | 2000         | 2000         |              | 1.00 | 0.41 | 45.4    | 18.6   | 6           | 54.0   | 32       | 0.27        | 1.59         |
| AG16     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | S+T   |              | 3000         | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 4.08        | 5.39         |
| AG18     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+T   | 3000         |              | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 4.07        | 5.39         |
| AG22     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+S   | 3000         | 3000         |              | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 3.69        | 5.01         |
| AG24     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | S+T   |              | 3000         | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 5.48        | 6.80         |
| AG25     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+T   | 3000         |              | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 5.97        | 7.29         |
| AG26     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+S   | 3000         | 3000         |              | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 5.48        | 6.80         |
| AG27     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | S+T   |              | 3000         | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 3.84        | 5.16         |
| AG28     |           | F+F+T   | B1              | 220 V      | 4000             | 4000            | R+T   | 2000         |              | 2000         | 1.00 | 0.38 | 48.9    | 18.6   | 6           | 54.0   | 32       | 3.50        | 4.82         |
| AG29     |           | F+F+T   | B1              | 220 V      | 4000             | 4000            | R+S   | 2000         | 2000         |              | 1.00 | 0.38 | 48.9    | 18.6   | 6           | 54.0   | 32       | 2.83        | 4.15         |
| AG30     |           | F+F+T   | B1              | 220 V      | 4000             | 4000            | R+S   | 2000         | 2000         |              | 1.00 | 1.00 | 18.6    | 18.6   | 6           | 54.0   | 32       | 0.00        | 1.32         |
| AG31     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | S+T   |              | 3000         | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 4.19        | 5.51         |
| AG32     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+T   | 3000         |              | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 6.49        | 7.81         |
| AG33     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+S   | 3000         | 3000         |              | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 6.49        | 7.81         |
| AG34     |           | F+F+T   | B1              | 220 V      | 4000             | 4000            | S+T   |              | 2000         | 2000         | 1.00 | 0.38 | 48.9    | 18.6   | 6           | 54.0   | 32       | 4.79        | 6.11         |
| TOTAL    |           |         |                 |            | 90000            | 90000           | R+S+T | 31000        | 31000        | 28000        |      |      |         |        |             |        |          |             |              |

Quadro de Cargas (QD3) - Pavimento

| Circuito | Descrição | Esquema | Método de inst. | Tensão (V) | Pot. total. (VA) | Pot. total. (W) | Fases | Pot. - R (W) | Pot. - S (W) | Pot. - T (W) | FCT  | FCA  | In' (A) | Ip (A) | Seção (mm²) | Ic (A) | Disj (A) | dV parc (%) | dV total (%) |
|----------|-----------|---------|-----------------|------------|------------------|-----------------|-------|--------------|--------------|--------------|------|------|---------|--------|-------------|--------|----------|-------------|--------------|
| AG1      |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+S   | 3000         | 3000         |              | 1.00 | 1.00 | 27.9    | 27.9   | 6           | 54.0   | 32       | 0.00        | 1.33         |
| AG2      |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | S+T   |              | 3000         | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 2.82        | 4.15         |
| AG3      |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+T   | 3000         |              | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 2.47        | 3.79         |
| AG4      |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+S   | 3000         | 3000         |              | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 2.45        | 3.78         |
| AG5      |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | S+T   |              | 3000         | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 2.11        | 3.44         |
| AG6      |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+T   | 3000         |              | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 2.12        | 3.45         |
| AG7      |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+S   | 3000         | 3000         |              | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 3.95        | 5.27         |
| AG8      |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | S+T   |              | 3000         | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 3.95        | 5.27         |
| AG9      |           | F+F+T   | B1              | 220 V      | 2000             | 2000            | S+T   |              | 1000         | 1000         | 1.00 | 0.38 | 24.5    | 9.3    | 6           | 54.0   | 32       | 0.60        | 1.93         |
| AG10     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+T   | 3000         |              | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 3.69        | 5.02         |
| AG13     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+S   | 3000         | 3000         |              | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 0.92        | 2.24         |
| AG14     |           | F+F+T   | B1              | 220 V      | 4000             | 4000            | S+T   |              | 2000         | 2000         | 1.00 | 0.52 | 35.8    | 18.6   | 6           | 54.0   | 32       | 0.55        | 1.87         |
| AG17     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+T   | 3000         |              | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 1.61        | 2.94         |
| AG19     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+S   | 3000         | 3000         |              | 1.00 | 0.52 | 53.7    | 27.9   | 6           | 54.0   | 32       | 0.61        | 1.94         |
| AG20     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | S+T   |              | 3000         | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 1.18        | 2.51         |
| AG21     |           | F+F+T   | B1              | 220 V      | 6000             | 6000            | R+T   | 3000         |              | 3000         | 1.00 | 0.38 | 73.4    | 27.9   | 6           | 54.0   | 32       | 3.17        | 4.49         |
| AG23     |           | F+F+T   | B1              | 220 V      | 2000             | 2000            | R+S   | 1000         | 1000         |              | 1.00 | 0.38 | 24.5    | 9.3    | 6           | 54.0   | 32       | 0.51        | 1.84         |
| TOTAL    |           |         |                 |            | 92000            | 92000           | R+S+T | 31000        | 31000        | 30000        |      |      |         |        |             |        |          |             |              |

Quadro de Cargas (QD1) - Pavimento

| Circuito | Descrição | Esquema | Método de inst. | Tensão (V) | Pot. total. (VA) | Pot. total. (W) | Fases | Pot. - R (W) | Pot. - S (W) | Pot. - T (W) | FCT  | FCA  | In' (A) | Ip (A) | Seção (mm²) | Ic (A) | Disj (A) | dV parc (%) | dV total (%) |
|----------|-----------|---------|-----------------|------------|------------------|-----------------|-------|--------------|--------------|--------------|------|------|---------|--------|-------------|--------|----------|-------------|--------------|
| QD2      |           | 3F+T    | B1              | 220 V      | 90000            | 90000           | R+S+T | 31000        | 31000        | 28000        | 1.00 | 0.80 | 360.4   | 288.3  | 240         | 351.0  | 300      | 2.64        | 2.64         |
| QD3      |           | 3F+T    | B1              | 220 V      | 92000            | 92000           | R+S+T | 31000        | 31000        | 30000        | 1.00 | 0.80 | 360.4   | 288.3  | 240         | 351.0  | 300      | 2.64        | 2.64         |
| TOTAL    |           |         |                 |            | 182000           | 182000          | R+S+T | 62000        | 62000        | 58000        |      |      |         |        |             |        |          |             |              |



PROJETO ELÉTRICO

ENDEREÇO DA EDIFICAÇÃO/UNIDADE:  
RUA DR NILTON GOMES FIGUEIREDO, Nº 07, QUINCAS MACHADO, GUAÇUÍ - ES, CEP: 29.560-000

PROPRIETÁRIO:  
SANTA CASA DE MISERICORDIA DE GUAÇUÍ  
CNPJ: 27.686.179/0001-39

AUTOR DO PROJETO:

HIGHOR TEIXEIRA DE SOUZA

RESPONSÁVEL TÉCNICO/REG. NO CREA:

HIGHOR TEIXEIRA DE SOUZA / CREA: ES-058618/D

DESCRIPTIVO:

TABELA DE CARGAS

Nº DA ART: 0820250113483 PRANCHA: 03/05

ESCALA: SEM ESCALA DATA: 07/10/2025