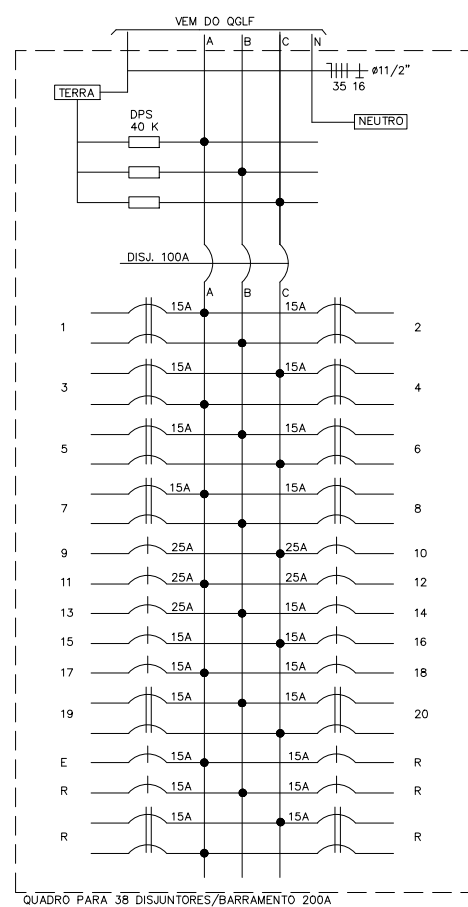
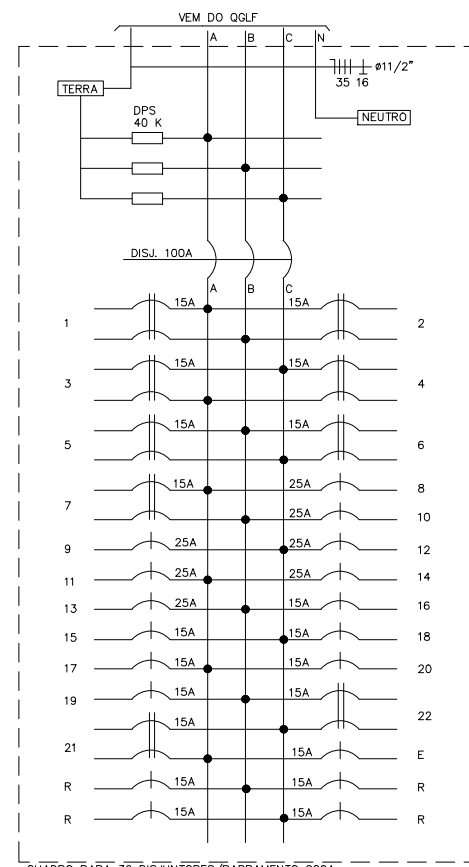


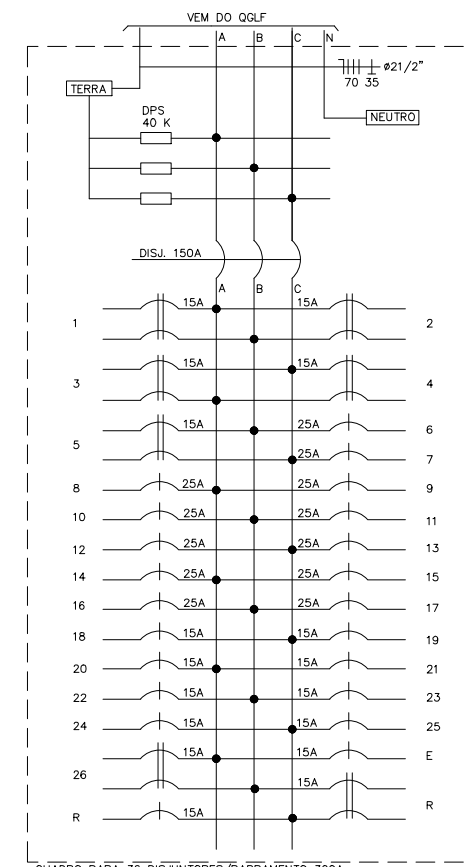
QDT.1



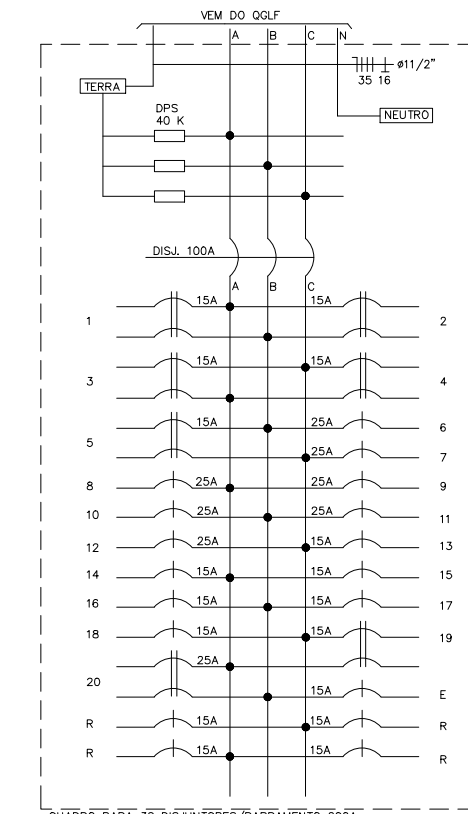
QDT.2



QD1.1



QD1.2



QD1.3

TABELA DAS CARGAS DO QDT.1

| GRUPO | VOLTAGEM (V) | CARGA (VA) | ILUMINACAO | APARELHOS | MOTORES | TUG | TOTAL | FD mm2 | PROT A | OBSERVAÇÕES |
|-------|--------------|------------|------------|-----------|---------|-------|-------|--------|--------|--------------------------|
| 1 | 220 | 960 | | | | | 960 | 2,5 | 15 | |
| 2 | 220 | 1280 | | | | | 1280 | 2,5 | 15 | |
| 3 | 220 | 960 | | | | | 960 | 2,5 | 15 | |
| 4 | 220 | 740 | | | | | 740 | 2,5 | 15 | |
| 5 | 220 | 1000 | | | | | 1000 | 2,5 | 15 | |
| 6 | 220 | 1120 | | | | | 1120 | 2,5 | 15 | |
| 7 | 127 | 1200 | | | | | 1200 | 4,0 | 25 | 3x MICROS |
| 8 | 127 | 800 | | | | | 800 | 4,0 | 25 | 2x MICROS |
| 9 | 127 | | | | | | 1100 | 4,0 | 25 | |
| 10 | 127 | | | | | | 1000 | 4,0 | 25 | |
| 11 | 127 | | | | | | 900 | 2,5 | 15 | |
| 12 | 127 | | | | | | 1100 | 4,0 | 25 | |
| 13 | 127 | | | | | | 800 | 2,5 | 15 | |
| 14 | 127 | | | | | | 800 | 2,5 | 15 | |
| 15 | 127 | | | | | | 1000 | 2,5 | 15 | 2x CELAD. |
| 16 | 127 | | | | | | 1000 | 2,5 | 15 | MAQ. CAFÉ |
| 17 | 127 | | | | | | 2500 | 4,0 | 25 | MICROONDAS |
| 18 | 127 | | | | | | 2500 | 4,0 | 25 | MICROONDAS |
| 19 | 127 | | | | | | 2500 | 4,0 | 25 | MICROONDAS |
| 20 | 127 | | | | | | 2500 | 4,0 | 25 | MICROONDAS |
| 21 | 127 | | | | | | 2500 | 4,0 | 25 | MICROONDAS |
| 22 | 127 | | | | | | 2500 | 4,0 | 25 | MICROONDAS |
| 23 | 127 | | | | | | 2500 | 4,0 | 25 | MICROONDAS |
| 24 | 220 | 910 | | | | | 910 | 2,5 | 15 | ILUM. EXTERNA |
| 25 | 220 | 640 | | | | | 2500 | 4,0 | 25 | AR COND. |
| 26 | 220 | 1020 | | | | | 1020 | 2,5 | 15 | AR COND. |
| E | 127 | 100 | | | | | 100 | 2,5 | 15 | ILUM. EMERGENCIA |
| R | 220 | 2000 | | | | | 2000 | 2,5 | 15 | RESERVA |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | RESERVA |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | RESERVA |
| TOTAL | | 6970 | 26160 | 1000 | 5700 | 39830 | 70 | 150 | | 3φ70+1φ70(N)+1φ35(T)-#2" |

TABELA DAS CARGAS DO QDT.2

| GRUPO | VOLTAGEM (V) | CARGA (VA) | ILUMINACAO | APARELHOS | MOTORES | TUG | TOTAL | FD mm2 | PROT A | OBSERVAÇÕES |
|-------|--------------|------------|------------|-----------|---------|-------|-------|--------|--------|-----------------------------|
| 1 | 220 | 1080 | | | | | 1080 | 2,5 | 15 | |
| 2 | 220 | 1080 | | | | | 1080 | 2,5 | 15 | |
| 3 | 220 | 840 | | | | | 940 | 2,5 | 15 | |
| 4 | 220 | 560 | | | | | 560 | 2,5 | 15 | |
| 5 | 220 | 720 | | | | | 720 | 2,5 | 15 | |
| 6 | 220 | 720 | | | | | 720 | 2,5 | 15 | |
| 7 | 220 | 1020 | | | | | 1020 | 2,5 | 15 | ILUM. EXTERNA |
| 8 | 220 | 1120 | | | | | 1120 | 2,5 | 15 | ILUM. EXTERNA |
| 9 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 10 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 11 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 12 | 127 | | | | | | 1200 | 4,0 | 25 | 4x MICROS |
| 13 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 14 | 127 | | | | | | 800 | 2,5 | 15 | |
| 15 | 127 | | | | | | 700 | 2,5 | 15 | |
| 16 | 127 | | | | | | 1000 | 2,5 | 15 | |
| 17 | 127 | | | | | | 800 | 2,5 | 15 | |
| 18 | 127 | | | | | | 300 | 2,5 | 15 | |
| 19 | 220 | | | | | | 300 | 2,5 | 15 | |
| 20 | 220 | | | | | | 970 | 2,5 | 15 | AR COND. |
| E | 127 | 100 | | | | | 100 | 2,5 | 15 | ILUM. EMERGENCIA |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | |
| R | 220 | 1000 | | | | | 1000 | 2,5 | 15 | |
| R | 220 | 1000 | | | | | 1000 | 2,5 | 15 | |
| TOTAL | | 7140 | 12570 | 100 | 3900 | 23710 | 35 | 100 | | 3φ35+1φ35(N)+1φ16(T)-#11/2" |

TABELA DAS CARGAS DO QD1.1

| GRUPO | VOLTAGEM (V) | CARGA (VA) | ILUMINACAO | APARELHOS | MOTORES | TUG | TOTAL | FD mm2 | PROT A | OBSERVAÇÕES |
|-------|--------------|------------|------------|-----------|---------|-------|-------|--------|--------|-----------------------------|
| 1 | 220 | 960 | | | | | 960 | 2,5 | 15 | |
| 2 | 220 | 640 | | | | | 640 | 2,5 | 15 | |
| 3 | 220 | 640 | | | | | 640 | 2,5 | 15 | |
| 4 | 220 | 560 | | | | | 560 | 2,5 | 15 | |
| 5 | 220 | 960 | | | | | 960 | 2,5 | 15 | |
| 6 | 220 | 960 | | | | | 960 | 2,5 | 15 | |
| 7 | 220 | 960 | | | | | 960 | 2,5 | 15 | |
| 8 | 127 | | | | | | 1200 | 4,0 | 25 | 3x MICROS |
| 9 | 127 | | | | | | 1200 | 4,0 | 25 | 3x MICROS |
| 10 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 11 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 12 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 13 | 127 | | | | | | 1200 | 4,0 | 25 | 3x MICROS |
| 14 | 127 | | | | | | 1200 | 4,0 | 25 | 3x MICROS |
| 15 | 127 | | | | | | 900 | 2,5 | 15 | |
| 16 | 127 | | | | | | 600 | 2,5 | 15 | |
| 17 | 127 | | | | | | 1000 | 2,5 | 15 | |
| 18 | 127 | | | | | | 1000 | 2,5 | 15 | |
| 19 | 127 | | | | | | 600 | 2,5 | 15 | |
| 20 | 127 | | | | | | 500 | 2,5 | 15 | |
| 21 | 220 | | | | | | 1430 | 2,5 | 15 | AR COND. |
| 22 | 220 | | | | | | 800 | 2,5 | 15 | AR COND. |
| E | 127 | 100 | | | | | 100 | 2,5 | 15 | ILUM. EMERGENCIA |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | |
| TOTAL | | 5680 | 15600 | | 4600 | 25880 | 35 | 100 | | 3φ35+1φ35(N)+1φ16(T)-#11/2" |

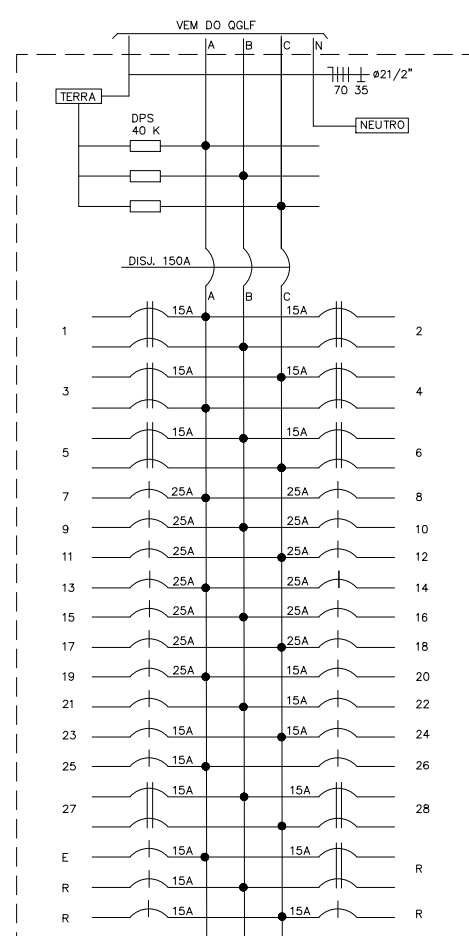
TABELA DAS CARGAS DO QD1.2

| GRUPO | VOLTAGEM (V) | CARGA (VA) | ILUMINACAO | APARELHOS | MOTORES | TUG | TOTAL | FD mm2 | PROT A | OBSERVAÇÕES |
|-------|--------------|------------|------------|-----------|---------|-------|-------|--------|--------|-----------------------------|
| 1 | 220 | 800 | | | | | 800 | 2,5 | 15 | |
| 2 | 220 | 960 | | | | | 960 | 2,5 | 15 | |
| 3 | 220 | 960 | | | | | 960 | 2,5 | 15 | |
| 4 | 220 | 960 | | | | | 960 | 2,5 | 15 | |
| 5 | 220 | 1120 | | | | | 1120 | 2,5 | 15 | |
| 6 | 127 | | | | | | 1600 | 4,0 | 25 | |
| 7 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 8 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 9 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 10 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 11 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 12 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 13 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 14 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 15 | 127 | | | | | | 800 | 2,5 | 15 | |
| 16 | 127 | | | | | | 1200 | 4,0 | 25 | 3x MICROS |
| 17 | 127 | | | | | | 1200 | 4,0 | 25 | 3x MICROS |
| 18 | 127 | | | | | | 900 | 2,5 | 15 | |
| 19 | 127 | | | | | | 1000 | 2,5 | 15 | |
| 20 | 127 | | | | | | 800 | 2,5 | 15 | |
| 21 | 127 | | | | | | 600 | 2,5 | 15 | |
| 22 | 127 | | | | | | 1000 | 2,5 | 15 | |
| 23 | 127 | | | | | | 700 | 2,5 | 15 | |
| 24 | 127 | | | | | | 500 | 2,5 | 15 | |
| 25 | 127 | | | | | | 1000 | 2,5 | 15 | MAQ. CAFÉ |
| 26 | 220 | | | | | | 1920 | 2,5 | 15 | AR COND. |
| E | 127 | 100 | | | | | 100 | 2,5 | 15 | ILUM. EMERGENCIA |
| R | 220 | 2000 | | | | | 2000 | 2,5 | 15 | RESERVA |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | RESERVA |
| TOTAL | | 4800 | 24320 | 100 | 5500 | 34720 | 70 | 150 | | 3φ70+1φ70(N)+1φ35(T)-#21/2" |

TABELA DAS CARGAS DO QD1.3

| GRUPO | VOLTAGEM (V) | CARGA (VA) | ILUMINACAO | APARELHOS | MOTORES | TUG | TOTAL | FD mm2 | PROT A | OBSERVAÇÕES |
|-------|--------------|------------|------------|-----------|---------|-------|-------|--------|--------|-----------------------------|
| 1 | 220 | 720 | | | | | 720 | 2,5 | 15 | |
| 2 | 220 | 880 | | | | | 980 | 2,5 | 15 | |
| 3 | 220 | 960 | | | | | 960 | 2,5 | 15 | |
| 4 | 220 | 720 | | | | | 720 | 2,5 | 15 | |
| 5 | 220 | 720 | | | | | 720 | 2,5 | 15 | |
| 6 | 127 | | | | | | 1200 | 4,0 | 25 | 3x MICROS |
| 7 | 127 | | | | | | 1200 | 4,0 | 25 | 3x MICROS |
| 8 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 9 | 127 | | | | | | 1200 | 4,0 | 25 | 3x MICROS |
| 10 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 11 | 127 | | | | | | 1200 | 4,0 | 25 | 3x MICROS |
| 12 | 127 | | | | | | 1600 | 4,0 | 25 | 4x MICROS |
| 13 | 127 | | | | | | 1100 | 2,5 | 15 | |
| 14 | 127 | | | | | | 1100 | 2,5 | 15 | |
| 15 | 127 | | | | | | 800 | 2,5 | 15 | |
| 16 | 127 | | | | | | 900 | 2,5 | 15 | |
| 17 | 127 | | | | | | 500 | 2,5 | 15 | |
| 18 | 127 | | | | | | 1000 | 2,5 | 15 | MAQ. CAFÉ |
| 19 | 220 | | | | | | 980 | 2,5 | 15 | AR COND. |
| 20 | 220 | | | | | | 800 | 2,5 | 15 | AR COND. |
| E | 127 | 100 | | | | | 100 | 2,5 | 15 | ILUM. EMERGENCIA |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | RESERVA |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | RESERVA |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | RESERVA |
| R | 127 | 1000 | | | | | 1000 | 2,5 | 15 | RESERVA |
| TOTAL | | 4000 | 19290 | 100 | 4400 | 26790 | 35 | 100 | | 3φ35+1φ35(N)+1φ16(T)-#11/2" |

NOTA:
1 - CONSIDERADA CARGA DE 100VA POR CIRCUITO DE ILUMINACAO DE EMERGENCIA, NÃO INCLUIDA NA CARGA TOTAL DOS QUADROS.



QD2.1

TABELA DAS CARGAS DO QD2.1