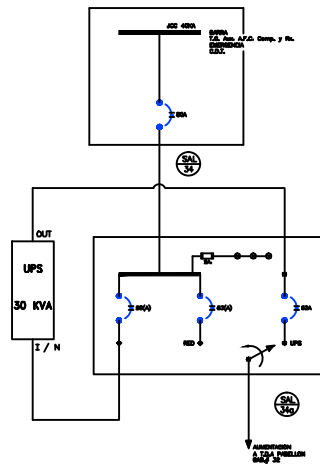


| SIMBOLOGIA GENERAL TABLEROS | |
|-----------------------------|--|
| | PROTECCION TRIPOLAR |
| | PROTECCION MONOFASICO |
| | TRANSFORMADOR DE CORRIENTE X/5 |
| | FUSIBLE 2AMP. |
| | LUZ PILOTO 220A |
| | INDICA NUMERO DE CIRCUITO DE ALUMBRADO NORMAL |
| | INDICA NUMERO DE CIRCUITO DE ENCHUFES DE SERVICIO EMERGENCIA |
| | INDICA NUMERO DE CIRCUITO DE ENCHUFES COMPUTACION |
| | INDICA NUMERO DE CIRCUITO DE ALUMBRADO/ENCHUFES EMERGENCIA |
| | INDICA NUMERO DE CIRCUITO DE FUERZA EMERGENCIA |
| | INDICA NUMERO DE CIRCUITO DE FUERZA NORMAL |
| | CONDENSADOR |
| | CONTACTOR |
| | VOLTIMETRO |
| | AMPERMETRO |
| | RELE FACTOR DE POTENCIAS 6 PASOS |
| | SELECTOR AMPERMETRO |
| | SELECTOR VOLTIMETRO |
| | INSTRUMENTO DIGITAL DE MEDICION VARIABLES ELECTRICAS (VOLTAJE, POTENCIA, CORRIENTE ETC.) |
| | RELOJ HORARIO CON RESERVA DE MARCHA |

| | | SUBALIMENTADORES | | | | | CONDUCTORES | | | | |
|------|-------------------------|------------------|------------------|------------|------------|---------|--------------|-------|---------|------------|------------|
| S-AL | DESTINO | In. (AMP.) | AUTOMAT. GENERAL | LARGO MTS. | Vp (VOLTS) | Vp % | POR FASE mm2 | | | NEUTRO mm2 | TIERRA mm2 |
| P.T. | | | | | | | | | | | |
| 1 | ZA NORMAL | 32.27 | 50 | 54 | 0.74 | 0.19 | THHN | 42.2 | 42.2 | 13.3 | 13.3 |
| 2 | ZB NORMAL | 30.45 | 50 | 31 | 0.40 | 0.11 | THHN | 42.2 | 42.2 | 13.3 | 13.3 |
| 3 | ZC NORMAL | 17.73 | 40 | 19 | 0.28 | 0.07 | THHN | 21.2 | 21.2 | 8.40 | 8.40 |
| 4 | ZD NORMAL | 77.75 | 100 | 38 | 0.49 | 0.13 | THHN | 107.2 | 107.2 | 26.7 | 26.7 |
| 5 | GEN. NORM. 1ºP. C.D.T. | 185.45 | 225 | 7 | 0.0997 | 0.00 | FREETOX | 240 | FREETOX | 185 | 35 |
| 6 | 1ºA NORMAL | 70.71 | 125 | 54 | 0.64 | 0.17 | THHN | 107.2 | 107.2 | 26.7 | 26.7 |
| 7 | 1ºB NORMAL | 37.73 | 63 | 29 | 0.37 | 0.10 | THHN | 53.5 | 53.5 | 21.2 | 21.2 |
| 8 | 1ºD NORMAL | 58.91 | 80 | 56 | 0.69 | 0.18 | THHN | 85 | 85 | 21.2 | 21.2 |
| 9 | | | | | | | | | | | |
| 10 | GEN. NORM. 2ºP. C.D.T. | 90.05 | 125 | 11 | 0.15 | 0.04 | FREETOX | 120 | 120 | 25 | 25 |
| 11 | 2ºD NORMAL | 62.72 | 80 | 34 | 0.45 | 0.12 | THHN | 85 | 85 | 21.2 | 21.2 |
| 12 | GEN. NORM. 3ºP. C.D.T. | 88.27 | 100 | 15 | 0.20 | 0.05 | FREETOX | 120 | 95 | 25 | 25 |
| 13 | 3ºA NORMAL | 34.36 | 50 | 54 | 0.62 | 0.16 | FREETOX | 53.5 | 53.5 | 21.2 | 21.2 |
| 14 | 3ºB NORMAL | 26.18 | 40 | 34 | 0.47 | 0.12 | FREETOX | 36.6 | 36.6 | 13.3 | 13.3 |
| 15 | 3ºD-1 NORMAL | 18.64 | 40 | 29 | 0.36 | 0.09 | THHN | 26.7 | 26.7 | 13.3 | 13.3 |
| 16 | ZA EMERG. | 15.36 | 40 | 54 | 0.70 | 0.18 | THHN | 21.2 | 21.2 | 8.4 | 8.4 |
| 17 | ZB EMERG. | 16.36 | 40 | 31 | 0.43 | 0.11 | THHN | 21.2 | 21.2 | 8.4 | 8.4 |
| 18 | ZC EMERG. | 5.46 | 32 | 19 | 0.22 | 0.06 | THHN | 8.4 | 8.4 | 5.26 | 5.26 |
| 19 | ZD EMERG. | 9.91 | 32 | 38 | 0.51 | 0.13 | THHN | 13.3 | 13.3 | 8.4 | 8.4 |
| 20 | ZFARM. EMERG. | 37.13 | 63 | 54 | 0.67 | 0.18 | THHN | 53.5 | 53.5 | 21.2 | 21.2 |
| 21 | GEN. EMERG. 1ºP. C.D.T. | 54.94 | 63 | 7 | 0.11 | 0.03 | FREETOX | 70 | 50 | 16 | 16 |
| 22 | 1ºA EMERG. | 4.45 | 32 | 54 | 0.32 | 0.08 | THHN | 13.3 | 13.3 | 8.4 | 8.4 |
| 23 | 1ºB EMERG. | 11.82 | 40 | 56 | 0.54 | 0.14 | THHN | 21.2 | 21.2 | 8.4 | 8.4 |
| 24 | 1ºD EMERG. | 20.55 | 40 | 56 | 0.77 | 0.20 | THHN | 26.7 | 26.7 | 13.3 | 13.3 |
| 25 | | | | | | | | | | | |
| 26 | GEN. EMERG. 2ºP. C.D.T. | 453.68 | 550 | 11 | 0.15 | 0.04 | FREETOX | 4x150 | 2x240 | 50 | 50 |
| 27 | 2ºA EMERG. | 283.24 | 350 | 58 | 0.77 | 0.20 | THHN | 350 | 350 | 53.5 | 53.5 |
| 28 | 2ºB EMERG. | 123.57 | 175 | 29 | 0.42 | 0.11 | THHN | 152 | 152 | 26.7 | 26.7 |
| 29 | 2ºD EMERG. | 26.91 | 50 | 34 | 0.49 | 0.13 | THHN | 36.6 | 36.6 | 13.3 | 13.3 |
| 30 | GEN. EMERG. 3ºP. C.D.T. | 23.03 | 275 | 15 | 0.21 | 0.06 | FREETOX | 2x150 | 240 | 35 | 35 |
| 31 | 3ºA EMERG. | 16.01 | 50 | 54 | 0.73 | 0.19 | THHN | 21.2 | 21.2 | 8.4 | 8.4 |
| 32 | 3ºB EMERG. | 35.97 | 63 | 34 | 0.44 | 0.12 | THHN | 42.2 | 42.2 | 13.3 | 13.3 |
| 33 | 3ºC-2 EMERG. | 78.18 | 125 | 24 | 0.31 | 0.08 | THHN | 107.2 | 107.2 | 26.7 | 26.7 |
| 34 | UPS 30KVA EMERG. | 58 | 70 | 15 | 0.29 | 0.08 | THHN | 52.3 | 52.3 | 16 | 16 |
| 34-a | 3ºD-2 PABE. UPS | 49.1 | 70 | 37 | 0.48 | 0.13 | FREETOX | 50 | 50.0 | 16 | 16 |
| 35 | 3ºD-2 EMERG. | 50.69 | 80 | 37 | 0.50 | 0.13 | THHN | 67.5 | 67.5 | 16 | 16 |
| 36 | 3ºD-1 EMERG. | 35.9 | 32 | 29 | 0.35 | 0.09 | THHN | 694.3 | 5.3 | 16 | 16 |
| 37 | MC-1A EMERG. | 59 | 30 | 0.44 | 0.12 | FREETOX | 35 | 25 | 6 | 6 | |
| 38 | MC-1A EMERG. | 2.27 | 1x16 | 30 | 0.41 | 0.11 | FREETOX | 6 | 6 | 6 | 6 |
| 39 | MC-2A EMERG. | 29 | 60 | 30 | 0.42 | 0.11 | FREETOX | 35 | 25 | 6 | 6 |
| 40 | MC-2A EMERG. | 2.27 | 1x16 | 30 | 0.41 | 0.11 | FREETOX | 6 | 6 | 6 | 6 |
| 41 | MC-3A EMERG. | 29 | 60 | 84 | 0.87 | 0.23 | FREETOX | 50 | 25 | 16 | 16 |
| 42 | MC-3A EMERG. | 2.27 | 1x16 | 84 | 1.14 | 0.30 | FREETOX | 6 | 6 | 6 | 6 |
| 43 | MC-4A EMERG. | 29 | 60 | 84 | 0.87 | 0.23 | FREETOX | 50 | 25 | 16 | 16 |
| 44 | MC-4A EMERG. | 2.27 | 1x16 | 84 | 1.14 | 0.30 | FREETOX | 6 | 6 | 6 | 6 |
| 45 | MC-5A EMERG. | 29 | 60 | 84 | 0.87 | 0.23 | FREETOX | 50 | 25 | 16 | 16 |
| 46 | MC-5A EMERG. | 2.27 | 1x16 | 84 | 1.14 | 0.30 | FREETOX | 6 | 6 | 6 | 6 |
| 47 | AA-A EMERG. | 38.5 | 50 | 94 | 0.93 | 0.24 | FREETOX | 70 | 35 | 16 | 16 |
| 48 | AA-B EMERG. | 18.8 | 40 | 67 | 0.9 | 0.24 | FREETOX | 25 | 16 | 10 | 10 |
| 49 | AA-C EMERG. | 22.6 | 40 | 46 | 0.53 | 0.14 | FREETOX | 35 | 25 | 10 | 10 |
| 50 | AA-D EMERG. | 95.4 | 150 | 74 | 0.84 | 0.22105 | FREETOX | 150 | 95 | 25 | 25 |

ESQUEMA CONEXION T/T
UPS 30 KVA C.D.T 3º PISO
(Fig.# 1)



DISEÑADO POR:



NOTAS

LOS MATERIALES UTILIZADOS CUMPLEN CON LOS CERTIFICADOS REQUERIDOS
EL DISEÑO ELÉCTRICO DEL PROYECTO CUMPLE CON LA NORMA NCH4/2003 Y LAS RGR N°1 Y N°2 ASOCIADAS A NET BILLING

| LISTADO DE LAMINAS | |
|--------------------|---|
| LAMINA | CONTENIDO |
| 01 DE 11 | DIAGRAMA UNILINEAL |
| 02 DE 11 | DIAGRAMA UNILINEAL 2 |
| 03 DE 11 | DIAGRAMA UNILINEAL ELEMENTAL |
| 04 DE 11 | CUADROS DE CARGA CC, CA Y CAIDAS DE TENSION |
| 05 DE 11 | LAYOUT DEL GENERADOR FOTOVOLTAICO |
| 06 DE 11 | CANALIZACIÓN CC |
| 07 DE 11 | CANALIZACIÓN CA |
| 08 DE 11 | ESTRUCTURA DE MONTAJE E IMPERMEABILIZACION |
| 09 DE 11 | DISPOSICIÓN EQUIPOS SALA ELECTRICA |
| 10 DE 11 | DISPOSICIÓN EQUIPOS PISO TÉCNICO |
| 11 DE 11 | ESTRUCTURAL |

UBICACIÓN

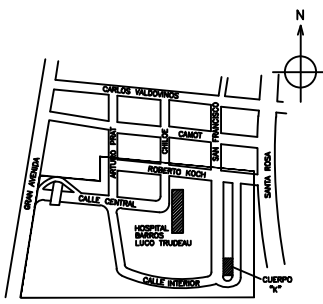


DIAGRAMA UNILINEAL 2

SISTEMA FOTOVOLTAICO
HOSPITAL BARROS LUGO

| | | |
|--|-------------------|----------------------|
| CALLE: GRAN AVENIDA 3204. COMUNA: SAN MIGUEL, RM. | LAMINA : 02 DE 11 | |
| | ESC. : S/ESC. | FECHA : 07/01/2016 |
| | PROY.: S.G.G. | DIBUJO: S. GARCIA G. |
| | APROBO : | |