

Proposed New Orthotic & Prosthetics Centre Ngwelezane Hospital DB-UPS

Single Line Diagram

"POWERING DEVELOPMENT BU JA Consulting Engineers

DEVIS_COMPONENT

NOT WITHSTANDING ANTHHING TO THE CONTRARY, ALL RICHTS RESERVED. NO PART OF THIS DRAWING MAY BE REPRODUCED IN ANY MATERIAL FORM (NOLUDING PREMIAL OR STORMS IN ANY MEDIUM OR BY ELECTRONIC MEANS WHETHER OR NOT TRANSPRITTY OR NODERTY TO SOME OTHER USE OF THIS DRAWING MAY NOT BE USED FOR ANY PURPOSE OR REASON OTHER THAN FOR WHICH IT WAS ORIGINALLY ISSUED, WITHOUT THE WRITTEN PERMISSION OF RCE CONSULTING ENGINEERS. MECHANICAL / NITERLOCK

3PHASE, NEUTRAL AND EARTH R... CONTROL
RELAY
SELECTOR
SWITCH CURRENT CONTRANSFORMER CHINK GENERATOR TRANSFORMER Kwh KILOWATT C... TRANSFORMER DELTA/STAR CIRCUIT FORMER ON FUSE

FORMER LINK FUSE

ROUNGTOR OFFENDA AMETER

ROUNDER HERIZA

ROU ISOLATOR EARTH LEAKAGE UNIT N/C CONTACT PANEL OUTGOING
WIRE TERMINAL OR
REMOTE CONDUIT
BOX 1 PHASE SURGE ARRESTOR BUSBAR WITHDRAWBLE CIRCUIT BREAKER WITHDRAWBLE ISOLATOR TIME CLOCK TC - FIELD

INCOMING CABLE BOTTOM
OUTGOING CIRCUITS - OPBOTTOM
COLOUR
COLOUR - CAMAGE ON WALL
ACCESS - FRONE FOR EACH STORMACT INSX
MCBS (STANDARD OR STANDARD IN STANDARD IN

ISOLATOR

1) DROPPERSTAILS TO BE RATED FOR FULL PI LET THROUGH. 2) HARNESSED WIRING TO BE DERATED. 3) TUFFNOL BRACES ARE NOT TO BE USED ABOYE 104A. 4) COPPER BUSBARS TO BE CONTINUOUS

RIGHT BACK TO FROMT.

10) INTERNAL TEMP TO BE LIMITED TO 5° ABOVE MAISANT MAX 40°C. A. BLACK MAISANT MAISAN

CARD.

14) EACH CIRCUIT TO BE LABELED WITH
DETAILED DESCRIPTION OF CONNECTED PERIOD.

13) DB TO BE FITTED WITH A4 LEGEND CARD
HOLDER WITH STANDARD IBUYA A4 LEGEND

DEVICE.

15) EXTERNAL EARTH STUD MOUNTED ADJACENT CABLE ENTRY.

ACCESIBLE.

7) ALL CIRCUIT BREAKERS TO BE FITTED WITH
TERMINAL SHELD ON LIVE AND LOAD SIDES.
8) ENCLOSURE TO BE 1954.
8) PHASING RWB, TOP TO BOTTOM, LEFT TO
RIGHT BACK TO ESCAPE.

6)

5) SUFFICIENT SPACE REQUIRED FOR SAFE ACCESS FOR REWIRING.
6) EARTH AND NEUTRAL BARS TO BE EASILY

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