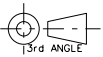

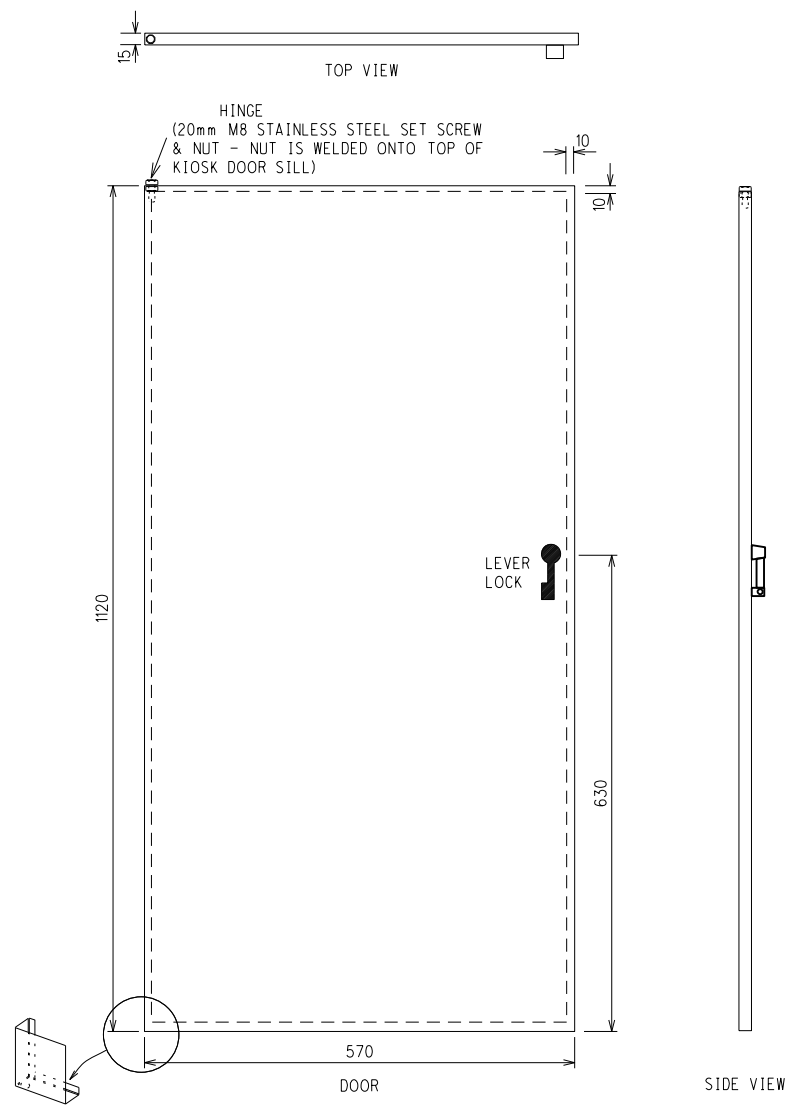


- NOTES:
1. THE INNER PLATE SHALL HAVE 10mm BENDS ON ALL SIDES.
 2. THE INNER PLATE SHALL BE POWDER COATED WITH A WHITE EPOXY-POLYESTER POWDER (SANS COLOUR CODE 69-0135)
 3. THE DIN-RAIL SHALL BE FITTED BY STAINLESS STEEL SET SCREWS, NUTS AND SPRING WASHERS, SCREWS AND SPRING WASHERS, RIVETS OR SPOT WELDED.
 4. THE INNER PLATE SHALL BE FITTED ONTO THE BOX BY MEANS OF FOUR M8 STAINLESS STEEL SET SCREWS, NUTS AND SPRING WASHERS.
 5. STAINLESS STEEL OR BRASS SELF CLINCHING NUTS OR RIVET NUTS WITH AN M5 THREAD SIZE TOGETHER WITH M5 BRASS SET SCREWS SHALL BE INSTALLED ON THE HOLES USED FOR THE FITMENT OF THE ENERGIZERS, ISOLATION SWITCHES AND LIGHTNING DIVERTERS.
 6. 40 MM WIDE TRUNKING SHALL BE INSTALLED ON BOTH SIDES FOR THE ROUTING OF THE WIRING AND HIGH VOLTAGE ARMoured CABLE.



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| REV | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
| LEVELS | 1 | 2 | | | | | | | | 10 | | | | | | 31 |

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| REV | | REVISION DESCRIPTION | | | | BY | CHKD | APP | DATE |
| PROJECT APPROVED | | DESIGN APPROVED | |  Eskom | | Eskom Holdings SOC Ltd Reg No 2002/015527/30 | | | |
| R MOSHOESHOE | | | | | | | | | |
| DATE | | DATE 19/07/2021 | | MANUFACTURING DETAIL OF TWO WAY ENERGISER KIOSK INNER PLATE | | | | | |
| PROJECT CHECKED | | DESIGN CHECKED | | | | | | | |
| C. v REENEN | | | | | | | | | |
| DATE | | DATE 14/07/2021 | | | | | | | |
| PROJECT DRAWN BY | | DESIGN DRAWN BY | | © | | | | | |
| R. VIJOLEN | | | | | | | | | |
| DATE | | DATE 05/07/2021 | | SCALE 1:5 | | | | | |
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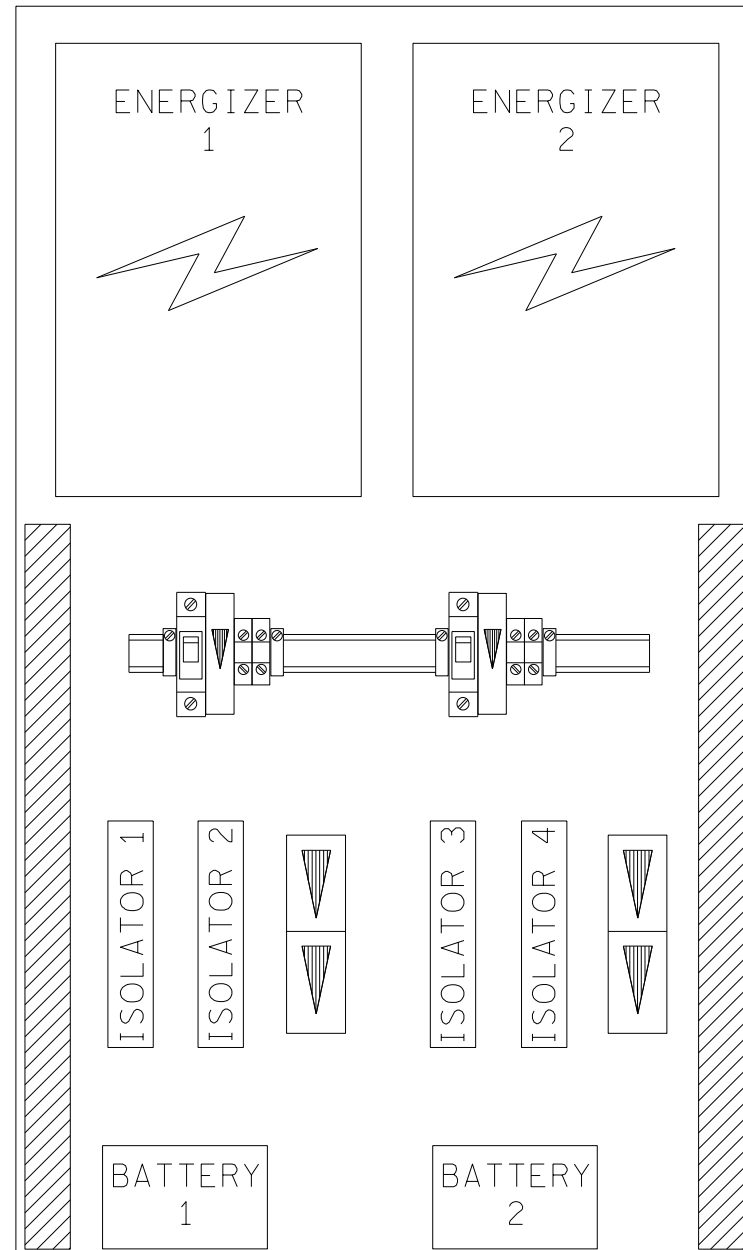




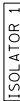





- NOTES:

1. A 3-WAY LEVER LOCK SHALL BE FITTED ON THE DOOR. ALL PARTS THEREOF SHALL BE OF STAINLESS STEEL.
2. A STURDY DOOR STAY OF NON-FERROUS METAL SHALL BE FITTED TO THE DOOR.
3. FOUR 5mm WATER DRAIN HOLES SHALL BE DRILLED INTO THE BOTTOM OF THE DOOR SILL.
4. A STANDARD DANGER SIGN (SANS 1186) SHALL BE FITTED ON THE FRONT OF THE DOOR.

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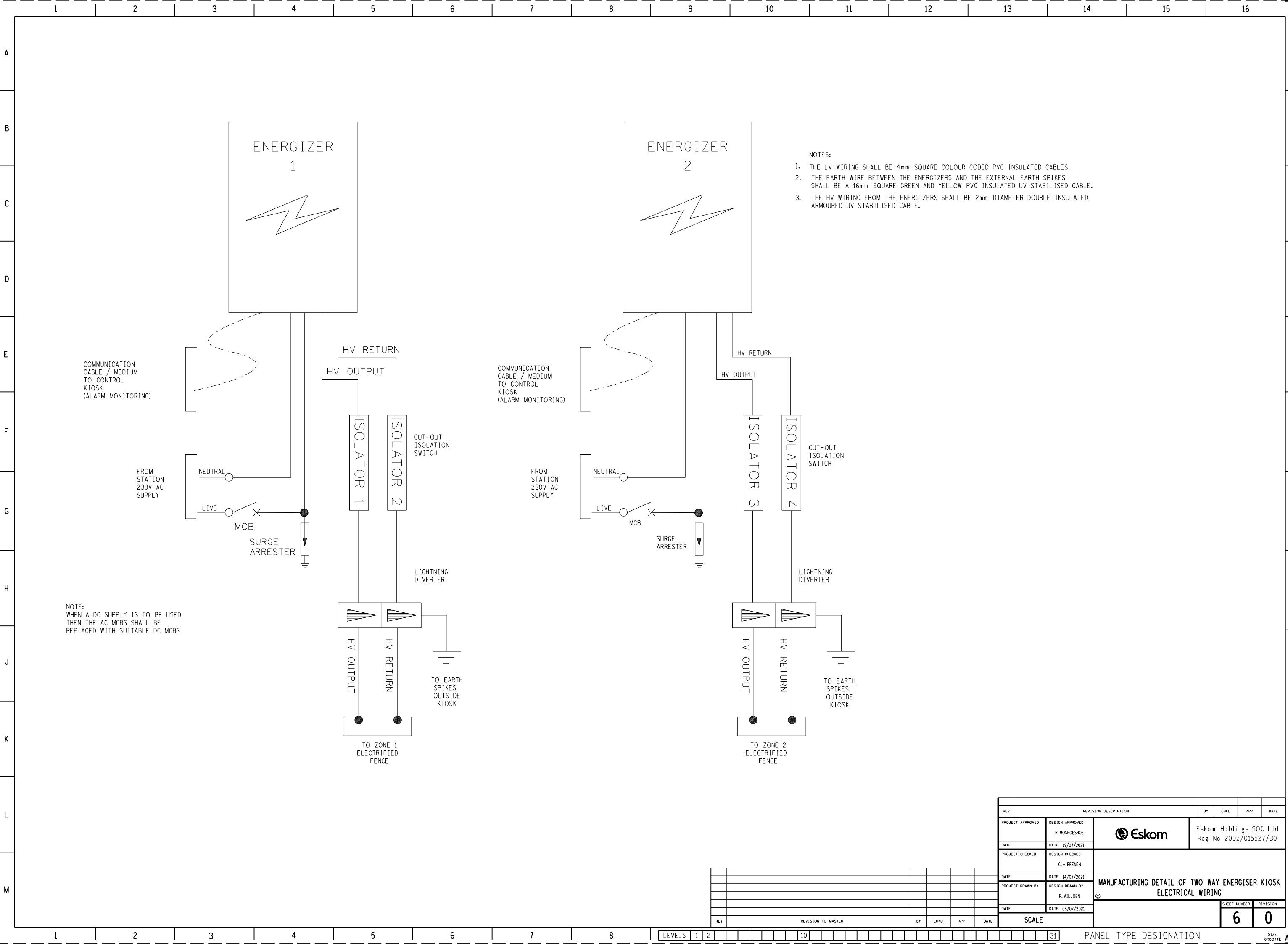
| LEGEND | DESCRIPTION | MAKE AND TYPE |
|---|---|----------------|
|  | ENERGIZER PEAK VOLTAGE 7.5kV - 10kV ENERGY OUTPUT 5J - 8J | ESKOM APPROVED |
|  | MINIATURE CIRCUIT BREAKER 230V, 5A | ESKOM APPROVED |
|  | HEAVY DUTY CUT-OUT SWITCH | ESKOM APPROVED |
|  | LIGHTNING DIVERTER DOUBLE POLE, MAXIMUM INTERNAL ARC OVER VOLTAGE OF 20kV | ESKOM APPROVED |
|  | TERMINAL 35mm | ESKOM APPROVED |
|  | END STOP | ESKOM APPROVED |
|  | SURGE ARRESTOR: I _{max} (8/20ms) 40kA or 65kA (4/20ms) 275V (SINGLE POLE DIN) SANS IEC 61643-1 | ESKOM APPROVED |
|  | BACKUP BATTERY 12V, 7AH | ESKOM APPROVED |

NOTES:

1. THE BATTERIES FOR THE BACKUP SUPPLY SHALL BE FITTED ON THE BOTTOM OF THE KIOSK.
2. A TRANSPARENT PLASTIC COVER SHALL BE INSTALLED OVER THE ISOLATION SWITCHES. OPERATING OF THE SWITCHES SHALL BE POSSIBLE WITHOUT REMOVING THE PLASTIC COVER.
3. THE SWITCHES SHALL SWITCH ONTO EARTH WHEN OPENED.

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| REV | REVISION DESCRIPTION | | BY | CHKD | APP | DATE |
| PROJECT APPROVED | DESIGN APPROVED R MOSHOESHOE |  Eskom | Eskom Holdings SOC Ltd Reg No 2002/015527/30 | | | |
| DATE | DATE 19/07/2021 | | | | | |
| PROJECT CHECKED | DESIGN CHECKED C. v REENEN |  MANUFACTURING DETAIL OF TWO WAY ENERGISER KIOSK EQUIPMENT OUTLAY | | | | |
| DATE | DATE 14/07/2021 | | | | | |
| PROJECT DRAWN BY | DESIGN DRAWN BY R. VILJOEN | | | | | |
| DATE | DATE 05/07/2021 | | | | | |
| SCALE | | | SHEET NUMBER | | REVISION | |
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| PROJECT APPROVED | DESIGN APPROVED | | | | |
| | R MOSHOESHOE | | | | |
| DATE | DATE 19/07/2021 | | | | |
| PROJECT CHECKED | DESIGN CHECKED | | | | |
| | C. V REENEN | | | | |
| DATE | DATE 14/07/2021 | | | | |
| PROJECT DRAWN BY | DESIGN DRAWN BY | | | | |
| | R. VILJOEN | | | | |
| DATE | DATE 05/07/2021 | | | | |
| SCALE | | | | | |
| MANUFACTURING DETAIL OF TWO WAY ENERGISER KIOSK ELECTRICAL WIRING | | | | | |
| | | | | SHEET NUMBER | REVISION |
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