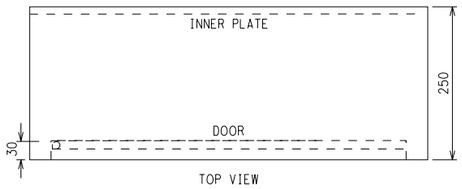
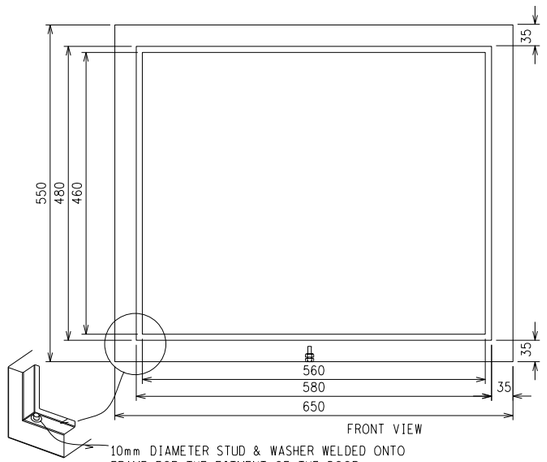
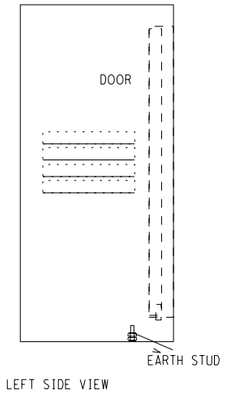






NOTE:

1. THE ENTIRE KIOSK (EXCEPT THE GLAND PLATE & BASE) SHALL BE MANUFACTURED FROM 1.5mm 3CR12.
2. THE DOOR SURROUNDS SHALL INCORPORATE A SPLASH PROOF 10mm LIP AROUND THE ENTIRE PERIMETER.
3. THE DOORS SHALL BE MOUNTED FLUSH TO THE SPLASH-PROOF LIP.
4. THE HINGES OF THE DOOR (STUD AND BOLT) SHALL BE AT LEAST 10mm IN DIAMETER.
5. THE EARTH STUD SHALL BE A M10 30mm STAINLESS STEEL SET SCREW, NUT AND SPRINGWASHER. THE SET SCREW SHALL BE WELDED ONTO THE BOTTOM OF THE KIOSK
6. VENTILATING LOUVRES SHALL BE INSTALLED ON BOTH SIDES OF THE KIOSK. THE EFFECTIVE WIDTH SHALL BE 150mm AND INCORPORATE AT LEAST FIVE LOUVRES.
7. THE GAPS IN THE LOUVRES SHALL BE BETWEEN 2 AND 5mm. A UV STABILSED PLASTIC MESH WITH OPENINGS SMALLER THAN 2mm SHALL BE FITTED ONTO THE BACK OF THE LOUVRES.
8. FOUR 12MM DIAMETER HOLES SHALL BE PROVIDED AT THE BACK FOR THE FITMENT OF THE KIOSK TO A POLE/ STRUCTURE
9. THE KIOSK SHALL BE POWDER COATED WITH LIGHT NAVY GREY POLYESTER POWDER (SANS COLOUR CODE G35).

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 14/07/2021		
PROJECT CHECKED	DESIGN CHECKED C. VAN REENEN		
DATE	DATE 14/07/2021		
PROJECT DRAWN BY	DESIGN DRAWN BY R. VILJOEN	©	MANUFACTURING DETAIL ELECTRIC FENCE GUARD HOUSE KIOSK
DATE	DATE 06/07/2021		SHEET NUMBER 1 / REVISION 0
SCALE 1:5			

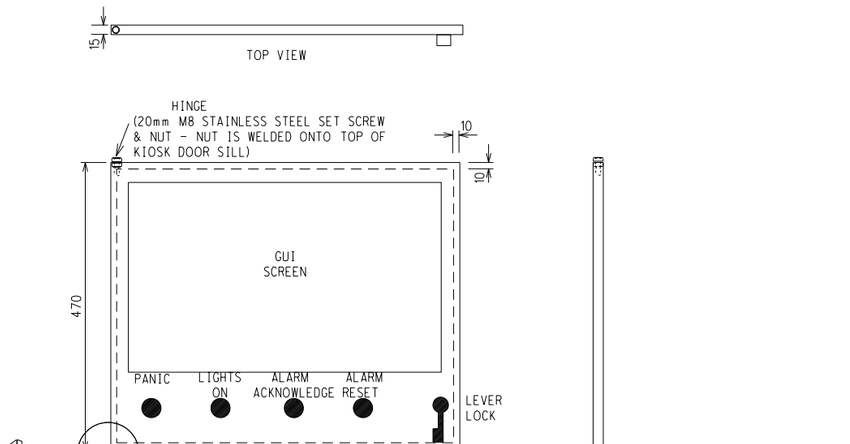
REV	REVISION TO MASTER	BY	CHKD	APP	DATE

LEVELS 1 2 10 31

PANEL TYPE DESIGNATION

SIZE GROOTTE A1L

MASTER FILED UNDER 052/30125 SHEET 1 OF 5 REVISION 0



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. THE ELECTRIC FENCE GUI SCREEN SHALL BE FITTED ON THE FRONT OF THE DOOR.
5. PUSH BUTTONS SWITCHES SHALL BE INSTALLED FOR:
   - PERIMETER LIGHTS ON/OFF
   - INTRUDER ALERT
6. LABELS WILL BE FITTED ABOVE THE SWITCHED INDICATING THEIR PURPOSE.

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE

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DATE	DATE 14/07/2021		
PROJECT CHECKED	DESIGN CHECKED C. VAN REENEN		MANUFACTURING DETAIL ELECTRIC FENCE GUARD HOUSE DOOR ©
DATE	DATE 14/07/2021		
PROJECT DRAWN BY	DESIGN DRAWN BY R. VILJOEN		SHEET NUMBER 2 / REVISION 0
DATE	DATE 06/07/2021		
	SCALE 1:5		

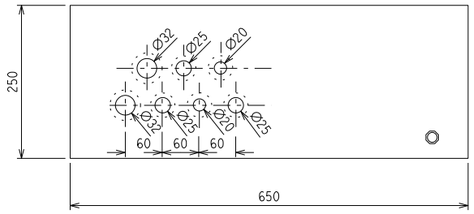
REV	REVISION TO MASTER	BY	CHKD	APP	DATE

LEVELS 1 2 10 31

PANEL TYPE DESIGNATION

SIZE GROOTTE A1L

MASTER FILED UNDER 0.52/30125 SHEET 2 OF 5 REVISION 0



VIEW AS FROM FRONT AND INSIDE KIOSK

NOTES:

AN AREA SURROUNDING THE KNOCK-OUTS (AS INDICATED BY THE DOTTED CIRCLES) SHALL NOT BE POWDER COATED. THESE SHALL BE LEFT AS BARE 3CR12.

NOTE:

1. THE GLAND PLATE WILL FORM PART OF THE KIOSK AND SHALL BE MANUFACTURED FROM 1.5mm THICK 3CR12
2. ALL OF THE HOLES SHALL BE FITTED WITH SQUARE KNOCK-OUTS AND SHALL BE WELDED ONTO THE BOTTOM OF THE KIOSK AT ONLY ONE CORNER.
3. THE EARTH STUD SHALL BE A 30mm M10 STAINLESS STEEL SET SCREW, NUT AND SPRING WASHERS WELDED ONTO THE GLAND PLATE.

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE

REV	REVISION TO MASTER	BY	CHKD	APP	DATE

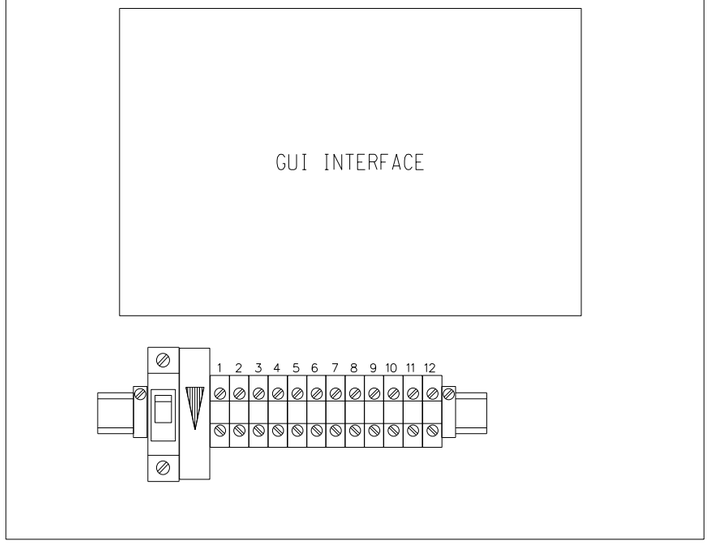
PROJECT APPROVED	DESIGN APPROVED R MOSHOESHOE	Eskom Holdings SOC Ltd Reg No 2002/015527/30
DATE	DATE 14/07/2021	
PROJECT CHECKED	DESIGN CHECKED C. VAN REENEN	MANUFACTURING DETAIL ELECTRIC FENCE GUARD HOUSE GLAND PLATE
DATE	DATE 14/07/2021	
PROJECT DRAWN BY	DESIGN DRAWN BY R. VILJOEN	©
DATE	DATE 06/07/2021	SHEET NUMBER 3 / REVISION 0
SCALE 1:5		

LEVELS 1 2 10 31

PANEL TYPE DESIGNATION

SIZE GROOTTE A1L

MASTER FILED UNDER 0.52/30125 SHEET 3 OF 5 REVISION 0



LEGEND	DESCRIPTION	MAKE AND TYPE
	MINIATURE CIRCUIT BREAKER 230V, 5A	ESKOM APPROVED
	SURGE ARRESTOR: Imax (8/20ms) 40kA or 65kA (4/20ms) 275V (SINGLE POLE DIN) SANS IEC 61643-1	ESKOM APPROVED
	TERMINAL 10mm	ESKOM APPROVED
	END STOP	ESKOM APPROVED

REV	REVISION TO MASTER	BY	CHKD	APP	DATE

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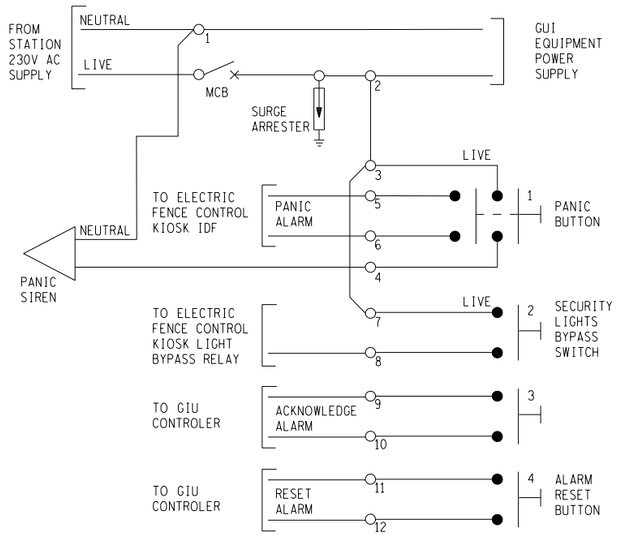
DATE	DATE 14/07/2021		
PROJECT CHECKED	DESIGN CHECKED C. VAN REENEN		
DATE	DATE 14/07/2021		
PROJECT DRAWN BY	DESIGN DRAWN BY R. VILJOEN	© MANUFACTURING DETAIL ELECTRIC FENCE GUARD HOUSE TERMINAL LAYOUT	
DATE	DATE 06/07/2021		SHEET NUMBER 4 / REVISION 0
SCALE			

LEVELS 1 2 10 31

PANEL TYPE DESIGNATION

SIZE GROOTTE A1L

MASTER FILED UNDER 0.52/30125 SHEET 4 OF 5 REVISION 0



LEGEND	DESCRIPTION
1	ALTERNATE ACTION PUSH BUTTON DOUBLE POLE, 230V, 10A ILLUMINATED, PROTRUDED, 22mm DIAMETER COLOUR - RED
2	ALTERNATE ACTION PUSH BUTTON SINGLE POLE, 230V, 10A ILLUMINATED, PROTRUDED, 22mm DIAMETER COLOUR - YELLOW
3	MOMENTORY ACTION PUSH BUTTON SINGLE POLE, 230V, 10A ILLUMINATED, PROTRUDED, 22mm DIAMETER COLOUR - GREEN
4	MOMENTORY ACTION PUSH BUTTON SINGLE POLE, 230V, 10A ILLUMINATED, PROTRUDED, 22mm DIAMETER COLOUR - BLUE
	INDUSTRIAL SIREN 230V, IP 65 SOUND OUTPUT > 125dB(A) @ 1m RANGE > 2000m

NOTES:

1. THE GLAND PLATE WILL FORM PART OF THE KIOSK AND SHALL BE MANUFACTURED FROM 1.5mm THICK 3CR12
2. ALL OF THE HOLES SHALL BE FITTED WITH SQUARE KNOCK-OUTS AND SHALL BE WELDED ONTO THE BOTTOM OF THE KIOSK AT ONLY ONE CORNER.
3. THE EARTH STUD SHALL BE A 30mm M10 STAINLESS STEEL SET SCREW, NUT AND SPRING WASHERS WELDED ONTO THE GLAND PLATE.

REV	REVISION TO MASTER	BY	CHKD	APP	DATE

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE

PROJECT APPROVED
DATE
DESIGN APPROVED: R MOSHOESHOE
DATE 14/07/2021

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DESIGN CHECKED: C. VAN REENEN
DATE 14/07/2021

PROJECT DRAWN BY
DATE
DESIGN DRAWN BY: R. VILJOEN
DATE 06/07/2021

SCALE

Eskom
Eskom Holdings SOC Ltd
Reg No 2002/015527/30

MANUFACTURING DETAIL ELECTRIC FENCE GUARD HOUSE
WIRING DIAGRAM
©

SHEET NUMBER: 5
REVISION: 0

LEVELS 1 2 10 31

PANEL TYPE DESIGNATION

SIZE GROOTTE A1L

MASTER FILED UNDER 0.52/30125 SHEET 5 OF 5 REVISION 0