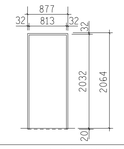
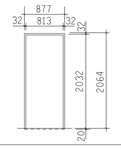
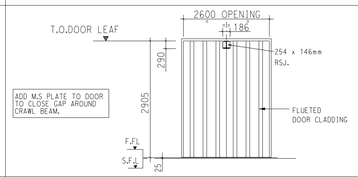
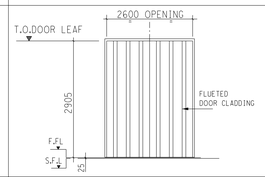
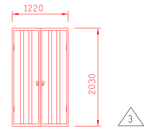
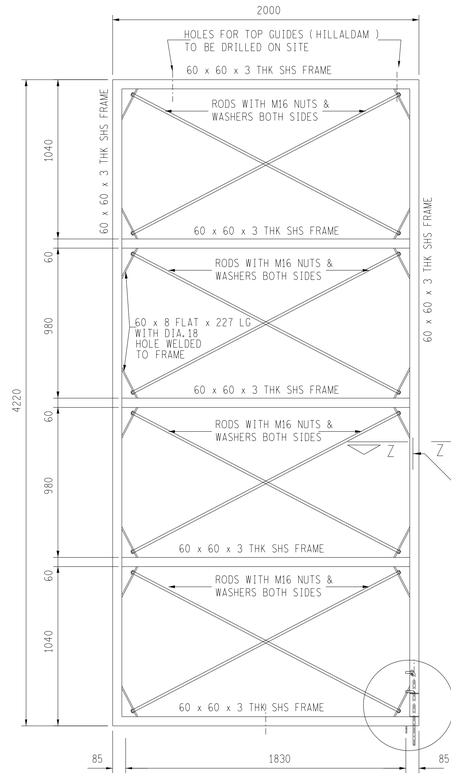
DOOR SCHEDULE

					
TYPE	EXTERIOR DOORS D3	INTERIOR DOORS D4	WORKSHOP D2	STORE D5 2	CONSUMABLE STORE D6
	2	4 2	1	1	1
	L.H. R.H. 2	L.H. 3 R.H.			
FRAME	STANDARD 1,6mm MILD STEEL SINGLE PANEL COMBINATION DOOR AND FRAME. DOOR PANEL TO BE BRACED AND FLUTED. PREPARE FOR PAINTING AND PAINT ONE COAT UNIVERSAL UNDERCOAT. PAINT TWO COATS PROMINENT ENAMEL - PROMINENT ENAMEL - GEY 2502-G05Y	50 x 75 HW TIMBER DOORFRAME FOR DOOR SIZE SPECIFIED SAND DOWN, PREPARE AND PAINT 1 COAT CLEAR POLYURETHANE VARNISH. ALLOW TO DRY FOR 1 DAY, SAND DOWN SMOOTH AND PAINT 2 COATS CLEAR POLYURETHANE VARNISH	PRESSED METAL FRAME FOR 280mm CAVITY WALL AS DETAILED AND SPECIFIED PREPARE FOR PAINTING AND PAINT ONE COAT UNIVERSAL UNDERCOAT. PAINT TWO COATS PROMINENT ENAMEL - PROMINENT ENAMEL - GEY 2502-G05Y	PRESSED METAL FRAME FOR 280mm CAVITY WALL AS DETAILED AND SPECIFIED PREPARE FOR PAINTING AND PAINT ONE COAT UNIVERSAL UNDERCOAT. PAINT TWO COATS PROMINENT ENAMEL - PROMINENT ENAMEL - GEY 2502-G05Y	1,6mm PRESSED METAL TRANSFORMER DOOR TYPE - A (NO VENTS) FRAME COMBINATION FRAME TO BE FULLY WELDED IN A DOUBLE REBATED PROFILE DOOR TO BE FLUTED 100mm HEAVY DUTY 4,0mm THICK FLANGED BRASS HINGES. DOOR AND FRAME TO BE INSTALLED AS A UNIT TO MANUFACTURERS SPECIFICATIONS PREPARE FOR PAINTING AND PAINT ONE COAT UNIVERSAL UNDERCOAT. PAINT TWO COATS PROMINENT ENAMEL - PROMINENT ENAMEL - GEY 2502-G05Y 3
DOOR		813 x 2032 x 44mm MD SOLID HARDWOOD ENGINEERED EXTERIOR FRAMED AND LEDGED WITH SAPELE OR SIMILAR FLUSH BACK VENEERED BOTH SIDES WITH MERANTI EDGE UNDER FACE SAND DOWN, PREPARE AND PAINT 1 COAT CLEAR POLYURETHANE VARNISH. ALLOW TO DRY FOR 1 DAY, SAND DOWN SMOOTH AND PAINT 2 COATS CLEAR POLYURETHANE VARNISH	PRESSED METAL DOOR AS DETAILED AND SPECIFIED	PRESSED METAL DOOR AS DETAILED AND SPECIFIED	
IRONMONGERY	1 PAIR DORMA CB30 SATIN CHROME LEVER FURNITURE FOR EURO PROFILE CYLINDERS (STAINLESS STEEL) 1 DORMA D036S EURO-PROFILE CYLINDER SASH LOCK SS 1 DORMA DKC 056501 NICKLE PLATED 65mm FIVE PIN EURO-PROFILE KNOB CYLINDER 1 DORMA DDS-SS-017 NICKLE PLATED FLOOR STOP SOLID BRASS HASP & STAPLE	1 PAIR DORMA CH875 STAINLESS STEEL LEVER FURNITURE ON 150 x 75mm BACKPLATE FOR EURO PROFILE CYLINDERS (STAINLESS STEEL) 1 DORMA D036S EURO-PROFILE CYLINDER SASH LOCK SS 1 DORMA DDC 106501 NICKLE PLATED 65mm FIVE PIN EURO-PROFILE DOUBLE CYLINDER MASTER KEYED 1 DORMA DDS-NP-018 NICKLE PLATED FLOOR STOP	1 PAIR DORMA SH875 STAINLESS STEEL LEVER FURNITURE ON 150 x 75mm BACKPLATE FOR EURO PROFILE CYLINDERS (STAINLESS STEEL) 1 DORMA D036S EURO-PROFILE CYLINDER SASH LOCK SS 1 DORMA DDC 106501 NICKLE PLATED 65mm FIVE PIN EURO-PROFILE DOUBLE CYLINDER MASTER KEYED 1 HOWICK H101 150 x 32mm POLISHED BRASS HEAVY DUTY BARREL BOLT,(SAT CHROME) 1 HOWICK H107 150 x 32mm POLISHED BRASS HEAVY DUTY NECKED BOLT,(SAT CHROME) FIT 150mm CHROME PLATED CABIN HOOK & EYE ON OUTSIDE OF BOTH LEAFES. HOOK ON MERANTI BLOCK, PLUGGED AND SCREWED TO WALL. FIT A CHAIN AND PULL RING TO THE TOP BARREL BOLT OF DOOR D1. DOOR FITTED WITH ADDITIONAL BRASS HEAVY SOLID BRASS HASP & STAPLE DRILLED OUT TO 14mm. 150mm MS BARREL BOLTS (8064) FITTED TO TOP & BOTTOM OF FIRST CLOSING LEAF.	1 PAIR DORMA SH875 STAINLESS STEEL LEVER FURNITURE ON 150 x 75mm BACKPLATE FOR EURO PROFILE CYLINDERS (STAINLESS STEEL) 1 DORMA D036S EURO-PROFILE CYLINDER SASH LOCK SS 1 DORMA DDC 106501 NICKLE PLATED 65mm FIVE PIN EURO-PROFILE DOUBLE CYLINDER MASTER KEYED 1 HOWICK H101 150 x 32mm POLISHED BRASS HEAVY DUTY BARREL BOLT,(SAT CHROME) 1 HOWICK H107 150 x 32mm POLISHED BRASS HEAVY DUTY NECKED BOLT,(SAT CHROME) FIT 150mm CHROME PLATED CABIN HOOK & EYE ON OUTSIDE OF BOTH LEAFES. HOOK ON MERANTI BLOCK, PLUGGED AND SCREWED TO WALL. FIT A CHAIN AND PULL RING TO THE TOP BARREL BOLT OF DOOR D1. DOOR FITTED WITH ADDITIONAL BRASS HEAVY SOLID BRASS HASP & STAPLE DRILLED OUT TO 14mm. 150mm MS BARREL BOLTS (8064) FITTED TO TOP & BOTTOM OF FIRST CLOSING LEAF.	1 PAIR DORMA CH001/CYL COMMODITY LEVER HANDLE ON A PRESSED PLATE, CYLINDER CUTOUT. 1 DORMA D036S EURO-PROFILE CYLINDER SASH LOCK SS 1 DORMA DKC 056501 NICKLE PLATED 65mm FIVE PIN EURO-PROFILE KNOB CYLINDER 3 FIT 150mm CHROME PLATED CABIN HOOK & EYE ON OUTSIDE. HOOK ON MERANTI BLOCK, PLUGGED AND SCREWED TO WALL. ALL EXTERIOR DOOR FRAMES TO HAVE DUST SEALS IN REBATE OF DOOR FRAME. AND WEATHERGUARD AT BOTTOM OF DOOR LEAF. DUST SEALS TO BE 20mm WIDE x 10mm THICK - SONDOR SBR STRIP SOLID BRASS HASP & STAPLE DOOR STOPS TO ALL DOORS
GENERAL	TO ALL DOORS WITH BRICKWORK ABOVE, BUILD IN THREE COURSES OF 150mm BRICK REINFORCEMENT OVER DOOR, TAKEN 230mm PAST EXTENT OF DOOR ON EITHER SIDE.. DOOR STOPS TO ALL DOORS	ALL EXTERIOR DOOR FRAMES TO HAVE DUST SEALS IN REBATE OF DOOR FRAME. AND WEATHERGUARD AT BOTTOM OF DOOR LEAF. DUST SEALS TO BE 20mm WIDE x 10mm THICK - SONDOR SBR STRIP			



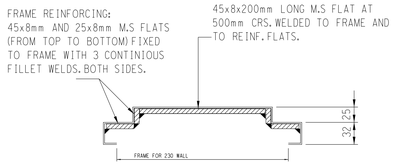
DOOR MK D1 AS DRAWN.
1 OFF.
DOOR MK D1X OPP. HAND.
1 OFF.
1:50

D2 - FRAME

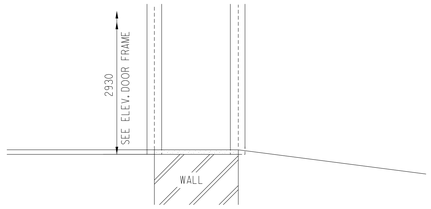
- THE FRAME SHALL BE MANUFACTURED FROM 2mm PRE-GALVANISED MILD STEEL SHEET IN A 25mm REBATED FOUR SIDE PROFILE.
- DOUBLE REBATED TO SIDES AND TOP AND SINGLE REBATED TO BOTTOM AS SHOWN.
- THE FRAME IS TO BE FITTED WITH FOUR HEAVY DUTY BRASS HINGES - 2 AT TOP, 1 IN MIDDLE AND 1 AT BOTTOM.
- NEOPRENE 25 SEAL OF SUITABLE THICKNESS TO BE FITTED TO THE 25mm REBATE TO PROVIDE A DUST PROOF SEAL WHEN THE DOOR IS CLOSED.

D2 - DOOR

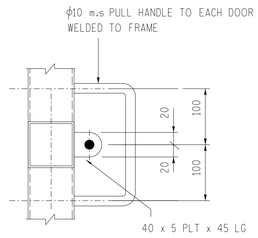
- THE DOOR SHALL BE 46mm THICK AND MANUFACTURED FROM 2mm PRE-GALVANISED STEEL SHEET.
- THE EXTERIOR FACE OF THE DOOR SHALL BE FORMED FLUTED PROFILE TURNED AROUND THE VERTICAL EDGES TO CREATE A FLUSH EXTERIOR
- THE INTERIOR OF THE DOOR SHALL BE LINED ON THE INSIDE WITH IM475 (ENERGYLITE) FIBREGLASS INSULATION)
- THE INTERIOR SHEET MUST BE RIVETTED TO THE VERTICAL EDGES AND TO THE TOP & BOTTOM CAPPING
- A CONTINIOUS ALUMINIUM SLAM BAR IS TO BE FITTED TO THE OUTSIDE OF THE SECOND CLOSING LEAF - DOOR D1



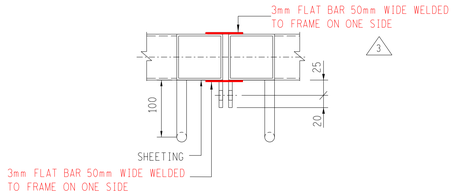
PLAN ON P.M FRAME REINFORCEMENT
1:5



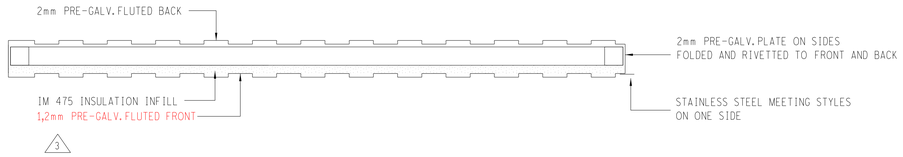
SECTION DOOR D2
1:10



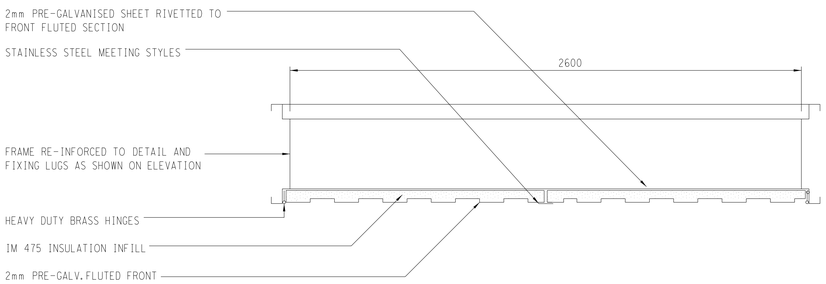
DOOR HANDLE AT 1,5m HEIGHT



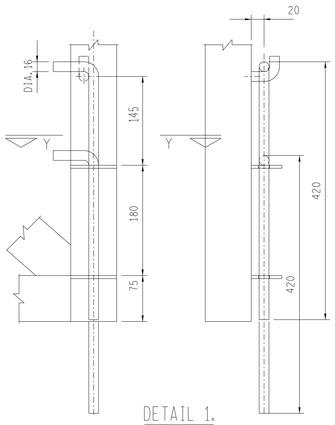
VIEW ON Z - Z.



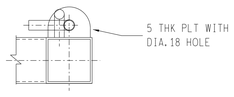
PLAN ON DOOR - D1 CLADDING
N.T.S



PLAN ON DOOR - D2
N.T.S



DETAIL 1.
2 OFF.



VIEW ON Y - Y.

FINAL DESIGN FOR CONSTRUCTION

REV	REVISION DESCRIPTION	DRAWN	CHKD	AUTH	DATE	REFERENCE DRAWINGS
3	MEETING STYLES ADDED DOOR D1 PLATE THICKNESS CHANGED	DBN			19-10-2022	
2	DOOR D2 EDITED, D4 QUANT. CHANGED					
1	DOOR D1 REDRAWN AS CORRECT SCALE	PHD	DBN	DBN	13/1/2021	

APPROVED BY: A. MANELI — DATE 19-3-2021
CHECKED BY: A. KAKA — DATE 29-1-2021
DRAWN BY: DB NAUDE — DATE 17-8-2020
SCALE AS SHOWN

Eskom

Eskom Holdings SOC Ltd
Reg No 2002/015527/30

TRANSMISSION SUBSTATIONS
MAINTENANCE AND STORAGE BUILDING
DOOR SPECIFICATIONS

©

0.54/8828 — SHEET NUMBER 3 — REVISION 3

SIZE GROOTTE A1L