

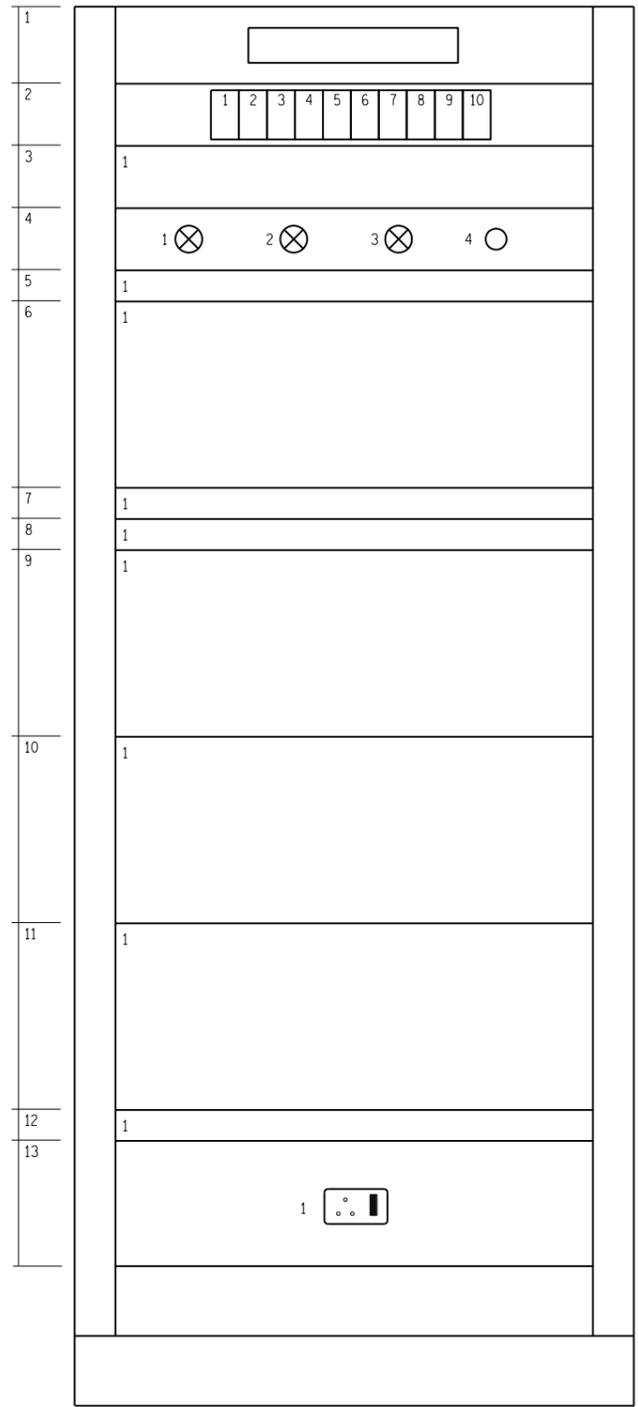
SHEET NUMBER	TITLE	DESIGN REVISION	DESIGN DATE	PROJECT REVISION	PROJECT DATE
0	COVER SHEET	0	11/03/2019		
1	JB FRONT EQUIPMENT LAYOUT	0	11/03/2019		
2	JB INTERNAL EQUIPMENT LAYOUT	0	11/03/2019		
3	JB REAR TERMINAL LAYOUT	0	11/03/2019		
4	230 VOLT AC KEY DIAGRAM	0	11/03/2019		
5	SECURE SUPPLY DC KEY DIAGRAM	0	11/03/2019		
6	MAIN 1 DC KEY DIAGRAM	0	11/03/2019		
7	MAIN 1 DC KEY DIAGRAM	0	11/03/2019		
8	MAIN 1 DC KEY DIAGRAM	0	11/03/2019		
9	MAIN 1 DC KEY DIAGRAM	0	11/03/2019		
10	MAIN 1 DC KEY DIAGRAM	0	11/03/2019		
11	MAIN 2 DC KEY DIAGRAM	0	11/03/2019		
12	MAIN 2 DC KEY DIAGRAM	0	11/03/2019		
13	MAIN 2 DC KEY DIAGRAM	0	11/03/2019		
14	MAIN 2 DC KEY DIAGRAM	0	11/03/2019		
15	MAIN 2 DC KEY DIAGRAM	0	11/03/2019		
16	COMMON DC KEY DIAGRAM	0	11/03/2019		
17	COMMON DC KEY DIAGRAM	0	11/03/2019		
18	COMMON DC KEY DIAGRAM	0	11/03/2019		
19	COMMON DC KEY DIAGRAM	0	11/03/2019		
20	COMMON DC KEY DIAGRAM	0	11/03/2019		
21	COMMON DC KEY DIAGRAM	0	11/03/2019		
22	COMMON DC KEY DIAGRAM	0	11/03/2019		
23	COMMON DC KEY DIAGRAM	0	11/03/2019		
24	COMMON DC KEY DIAGRAM	0	11/03/2019		
25	COMMON DC KEY DIAGRAM	0	11/03/2019		
26	MOTORISED ISOLATOR DC KEY DIAGRAM	0	11/03/2019		
27	MOTORISED ISOLATOR DC KEY DIAGRAM	0	11/03/2019		
28	MOTORISED ISOLATOR DC KEY DIAGRAM	0	11/03/2019		
29	MOTORISED ISOLATOR DC KEY DIAGRAM	0	11/03/2019		
30	SPRING REWIND DC KEY DIAGRAM	0	11/03/2019		
31	MOTORISED ISOLATOR MOTOR SUPPLY	0	11/03/2019		
32	MOTORISED ISOLATOR MOTOR SUPPLY	0	11/03/2019		
33	MOTORISED ISOLATOR MOTOR SUPPLY	0	11/03/2019		
34	MOTORISED ISOLATOR MOTOR SUPPLY	0	11/03/2019		
35	BUSZONE ISOLATOR & BREAKER DIAGRAM	0	11/03/2019		
36	COMMUNICATIONS DIAGRAM	0	11/03/2019		
37	PROTECTION REFERENCE DIAGRAM	0	11/03/2019		
38	PROTECTION REFERENCE DIAGRAM	0	11/03/2019		
39	PROTECTION REFERENCE DIAGRAM	0	11/03/2019		
40	CABLING DIAGRAM	0	11/03/2019		
41	CABLING DIAGRAM	0	11/03/2019		
42	CABLING DIAGRAM	0	11/03/2019		
43	CABLING DIAGRAM	0	11/03/2019		
44	CABLING DIAGRAM	0	11/03/2019		

LEVEL	DESCRIPTION	LEVEL	DESCRIPTION
1	DRAWING SHEET BORDER & TITLE BLOCK	18	
2	REVISION TO MASTER	19	
3		20	
4		21	
5		22	
6		23	
7		24	
8		25	
9		26	
10	STANDARD DESIGN DRAWING & TITLE BLOCK TEXT	27	
11		28	
12		29	
13		30	
14		31	APPLICATION (PHASE 6)
15		32	
16		33	
17		34	

REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
PROJECT APPROVED	DESIGN APPROVED	Eskom		Eskom Holdings SOC Ltd Reg No 2002/015527/30	
DATE	DATE	P. MASHIGO		COVER SHEET	
PROJECT CHECKED	DESIGN CHECKED	R. VILJOEN		SCALE	
DATE	DATE	DATE		SHEET NUMBER	
PROJECT DRAWN BY	DESIGN DRAWN BY	DATE		REVISION	
DATE	DATE	DATE		0	
REV	REVISION TO MASTER	BY	CHKD	APP	DATE

REVISION 0 SHEET 0 OF 44 MASTER FILED UNDER 0.52/30571

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LOCATION	DESIGNATION	DESCRIPTION	TYPE	MANUFACTURER
1	1	LABEL	INTERFACE JUNCTION BOX	
2	1	DCS(M1)	MAIN 1 DC ISOLATING SWITCH	
2	2	DCI(PIU)(M1)	MAIN 1 PIU DC ISOLATING MCB (6A)	
3	3	DCS(M2)	MAIN 2 DC ISOLATING SWITCH	
4	4	DCI(PIU)(M2)	MAIN 2 PIU DC ISOLATING MCB (6A)	
5	5	DCI(COM)	COMMON CIRCUIT DC ISOLATING MCB (DP 250V 16A)	
6	6	DCI(M1)(C)	MOTORISED ISOLATOR CONTROL CIRCUITS DC ISOLATING MCB (DP 250V 10A)	
7	7	BLANK		
8	8	AC(JB)(PLUG)	JUNCTION BOX SOCKET OUTLET AC SUPPLY MCB (SP 230V 16A)	
9	9	AC(PNH)	JUNCTION BOX NOT HEALTHY AC SUPPLY MCB (SP 230V 10A)	
10	10	BLANK		
3	1		2U BLANKING PLATE	
4	1	JBNH(M1)	JUNCTION BOX NOT HEALTHY (MAIN 1) (RED)	
2	2	JBNH(M2)	JUNCTION BOX NOT HEALTHY (MAIN 2) (RED)	
3	3	JBNH(COM)	JUNCTION BOX NOT HEALTHY (COMMON) (RED)	
4	4	LCPB	LAMP CHECK PUSH BUTTON (BLACK)	
5	1	LABEL/COVER	PIU COVER PLATE	
6	1	PIU(M1)	MAIN 1 PROCESS INTERFACE UNIT	
7	1		1U BLANKING PLATE	
8	1	LABEL/COVER	PIU COVER PLATE	
9	1	PIU(M2)	MAIN 2 PROCESS INTERFACE UNIT	
10	1		6U BLANKING PLATE	
11	1		6U BLANKING PLATE	
12	1		1U BLANKING PLATE	
13	1	PLUG SOCKET	230V 16A 3-PIN PLUG SOCKET	

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PROJECT APPROVED	DESIGN APPROVED	 Eskom Holdings SOC Ltd Reg No 2002/015527/30					
DATE	DATE					11/03/2019	
PROJECT CHECKED	DESIGN CHECKED					P. MASHIGO	
DATE	DATE					11/03/2019	
PROJECT DRAWN BY	DESIGN DRAWN BY	JB FRONT EQUIPMENT LAYOUT					
DATE	DATE					21/02/2019	
SCALE					SHEET NUMBER: 1 REVISION: 0		

REV	REVISION TO MASTER	BY	CHKD	APP	DATE









































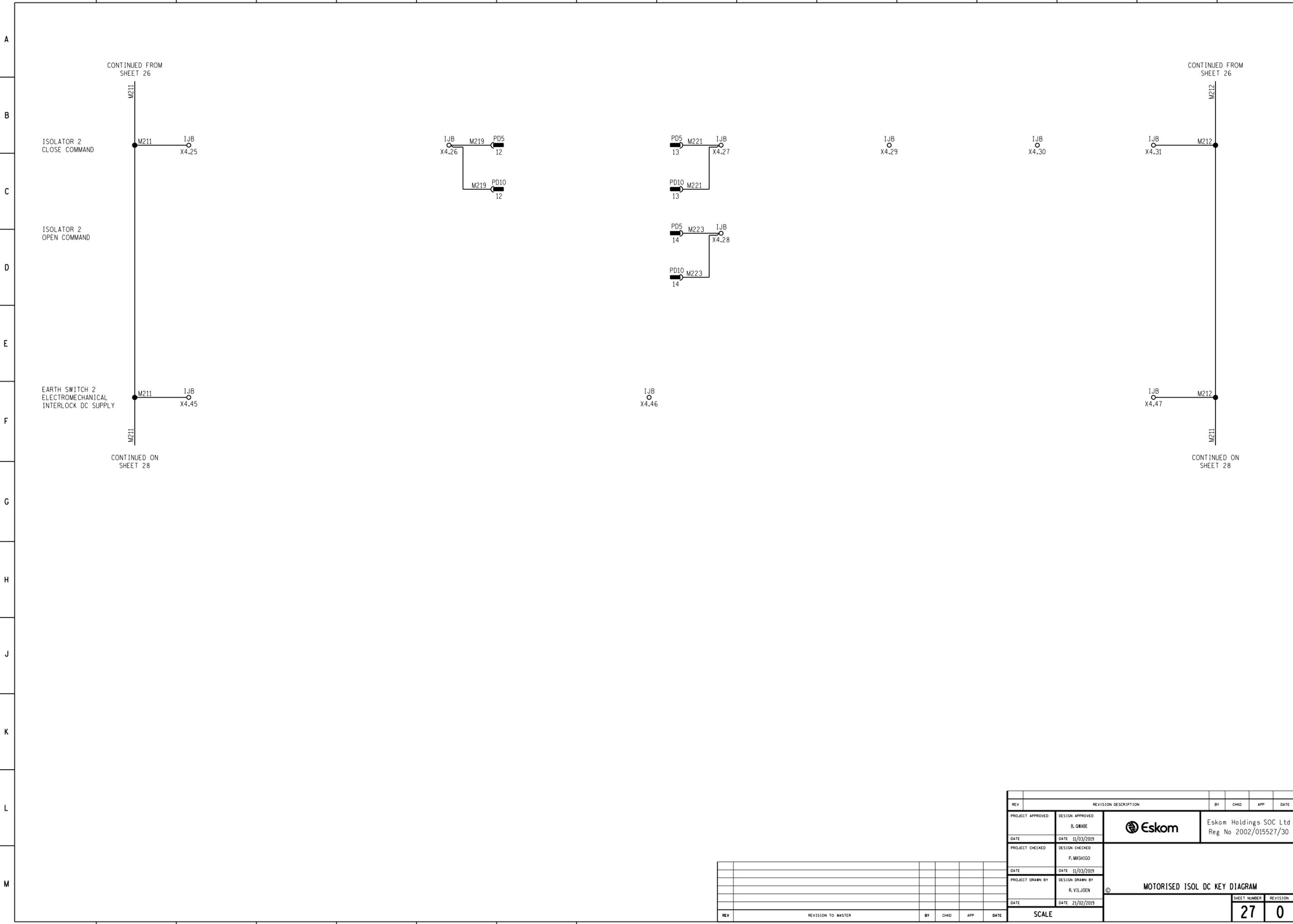












REV	REVISION DESCRIPTION	BY	CHKD	APP	DATE
PROJECT APPROVED	DESIGN APPROVED	Eskom Holdings SOC Ltd Reg No 2002/015527/30			
DATE	DATE				
PROJECT CHECKED	DESIGN CHECKED	<b>MOTORISED ISOL DC KEY DIAGRAM</b>			
DATE	DATE				
PROJECT DRAWN BY	DESIGN DRAWN BY	SHEET NUMBER: 27 REVISION: 0			
DATE	DATE				
REV	REVISION TO MASTER	BY	CHKD	APP	DATE
SCALE					

MASTER FILED UNDER 0.52/30571 SHEET 27 OF 44 REVISION 0

































