
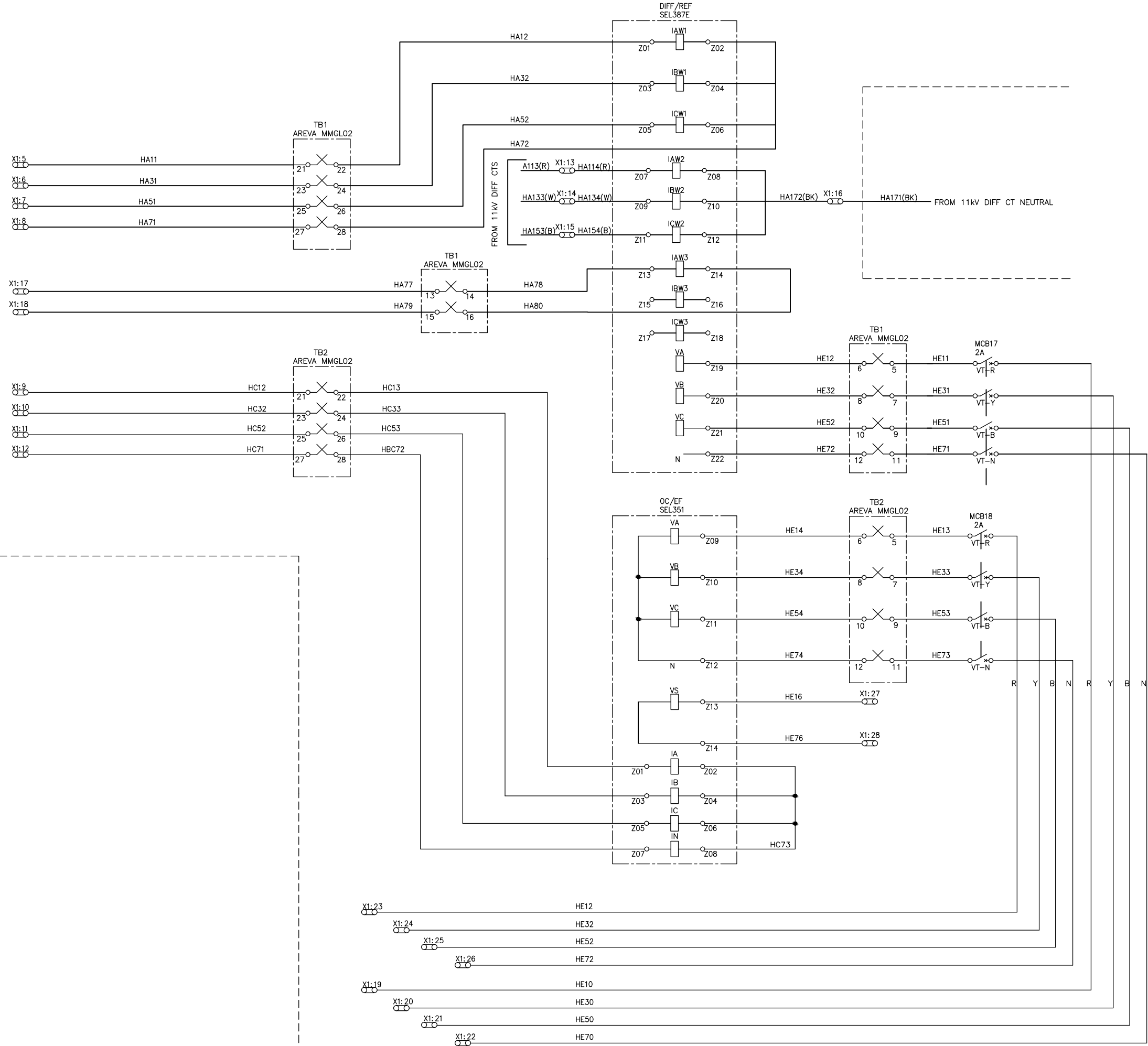


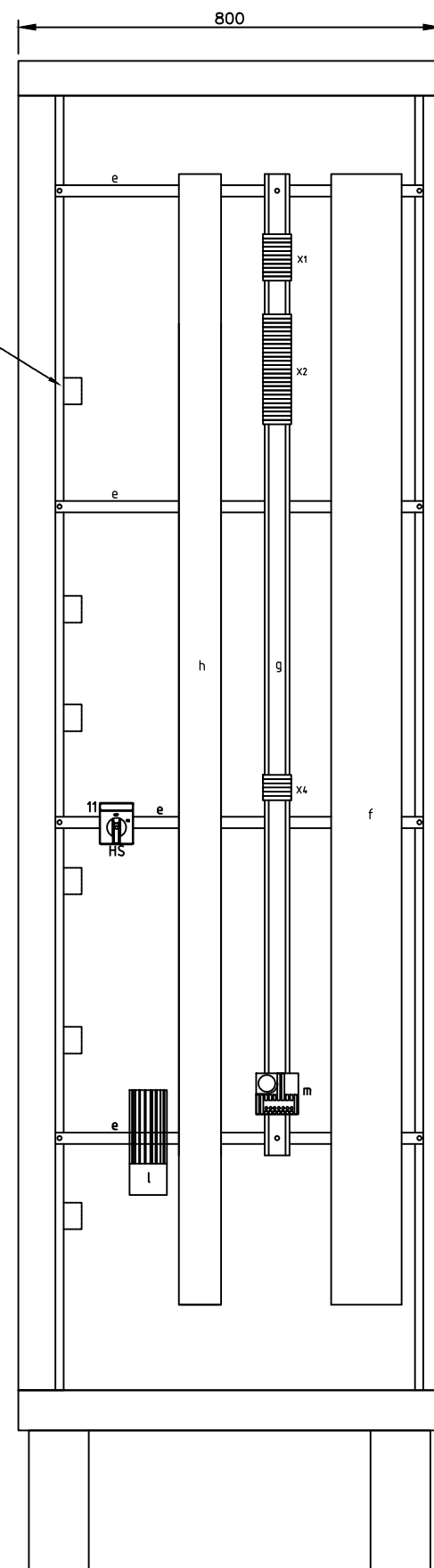
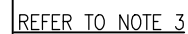
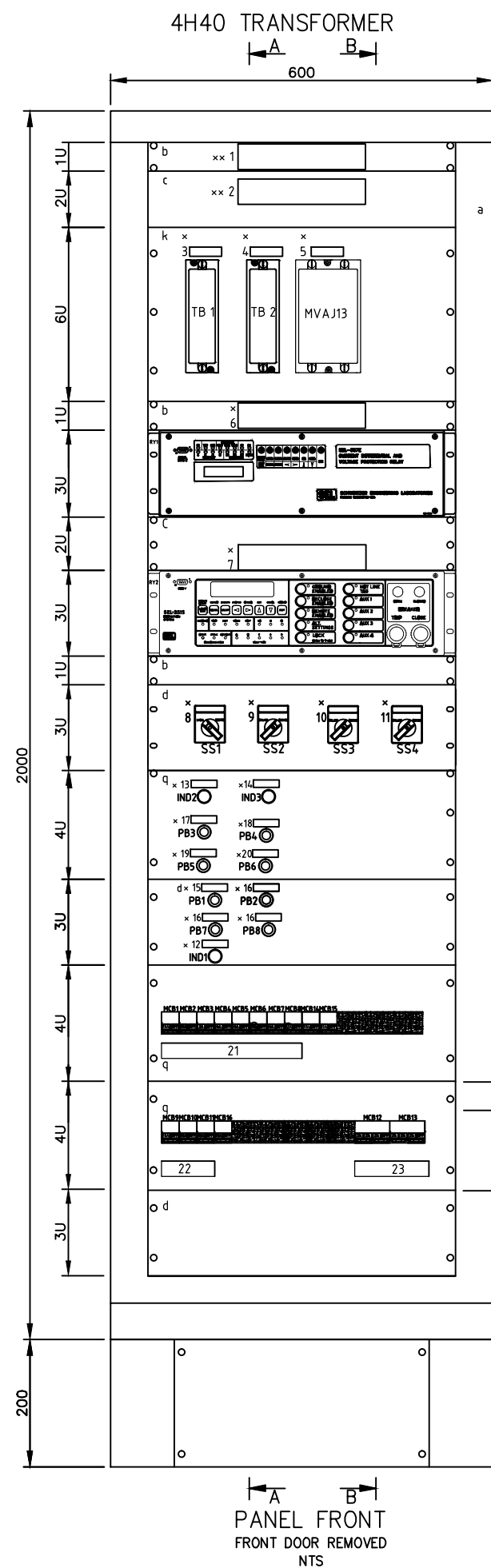
							REFERENCE				<table><tr><td>DRAWN</td><td>M.TALIB</td><td>26/09/17</td></tr><tr><td>CHECKED</td><td>K.PRASAD</td><td>29/09/17</td></tr><tr><td>CHIEF DRAUGHTSMAN</td><td></td><td></td></tr><tr><td>TEAM LEADER</td><td></td><td></td></tr><tr><td>ENGINEER</td><td>K.PRASAD</td><td>29/09/17</td></tr><tr><td>HEAD OF DEPARTMENT</td><td>O.D.S</td><td></td></tr></table>	DRAWN	M.TALIB	26/09/17	CHECKED	K.PRASAD	29/09/17	CHIEF DRAUGHTSMAN			TEAM LEADER			ENGINEER	K.PRASAD	29/09/17	HEAD OF DEPARTMENT	O.D.S		<table><tr><td colspan="4">ENERGY FIJI LIMITED</td></tr><tr><td colspan="2" rowspan="3">VUDA 33kv/11kv SUBSTATION TRANSFORMER NO.4 33kv CB 4H40 DC CIRCUIT DIAGRAM - PART 2</td><td colspan="3">DRAWING NUMBER</td></tr><tr><td>A3</td><td>10</td><td>E13</td><td>114</td><td>0</td></tr><tr><td colspan="2">SCALE</td><td colspan="2">NTS</td></tr></table>				ENERGY FIJI LIMITED				VUDA 33kv/11kv SUBSTATION TRANSFORMER NO.4 33kv CB 4H40 DC CIRCUIT DIAGRAM - PART 2		DRAWING NUMBER			A3	10	E13	114	0	SCALE		NTS	
DRAWN	M.TALIB	26/09/17																																																	
CHECKED	K.PRASAD	29/09/17																																																	
CHIEF DRAUGHTSMAN																																																			
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HEAD OF DEPARTMENT	O.D.S																																																		
ENERGY FIJI LIMITED																																																			
VUDA 33kv/11kv SUBSTATION TRANSFORMER NO.4 33kv CB 4H40 DC CIRCUIT DIAGRAM - PART 2		DRAWING NUMBER																																																	
		A3	10	E13	114	0																																													
		SCALE		NTS																																															
0	ISSUED FOR PROCUREMENT	23.10.17	MT	KP																																															
No.	REVISION	DATE	BY	CHK	PSD	APP		DRAWING No.	TITLE																																										

A3	10	E13	112	0
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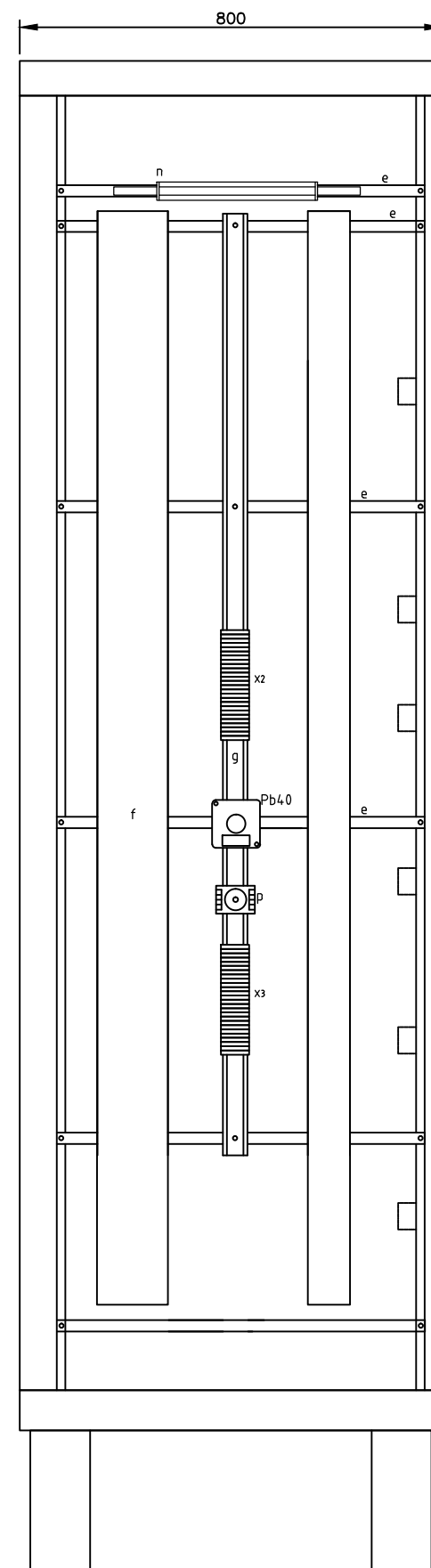


							REFERENCE			 energising our nation	DRAWN	M.TALIB	26/09/17	ENERGY FIJI LIMITED VUDA 33kv/11kv SUBSTATION TRANSFORMER NO.4 33kv CB 4H40 AC CIRCUIT DIAGRAM	DRAWING NUMBER				
								CHECKED	K.PRASAD		29/09/17	A310E131120							
								CHIEF DRAUGHTSMAN											
								TEAM LEADER											
								ENGINEER	K.PRASAD		29/09/17								
								HEAD OF DEPARTMENT	O.D.S			SCALE NTS							
0	ISSUED FOR PROCUREMENT	23.10.17	MT	KP															
No.	REVISION	DATE	BY	CHK	PSD	APP		DRAWING No.	TITLE										

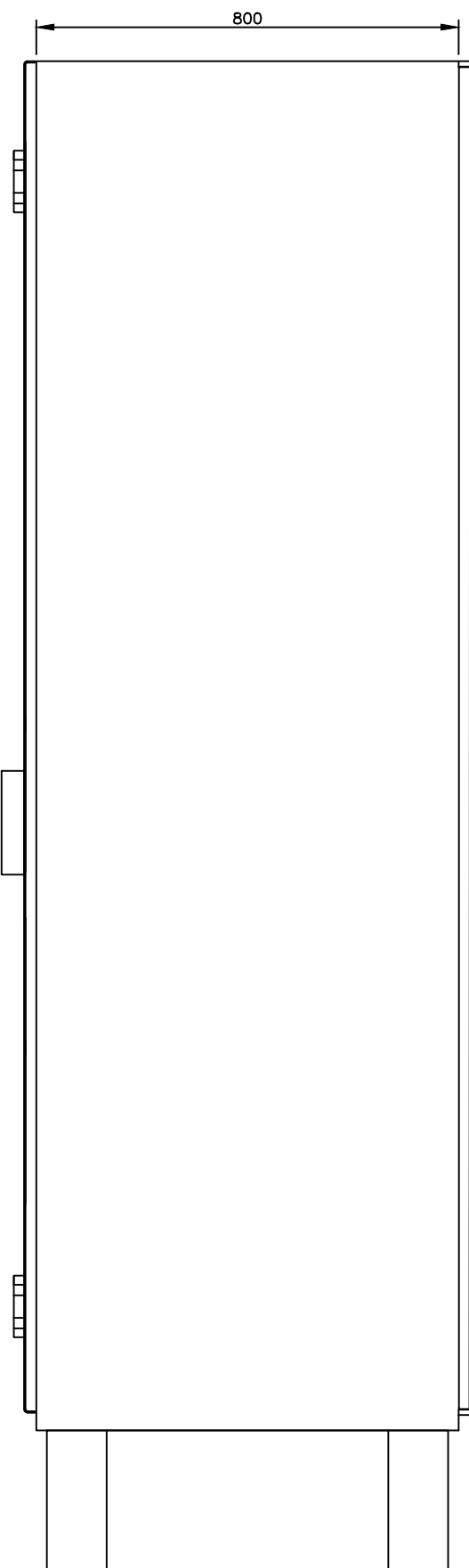
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SECTION A-A
NTS



SECTION B-B
NTS



SIDE VIEW
NTS

FRONT DOOR
(PERSPEX)

NOTE:

1. SECTION VIEWS DO NOT SHOW THE MOUNTING FRAME AND FRONT PANEL COMPONENTS.
2. DRAWINGS ARE TO BE READ TOGETHER WITH TENDER/PANEL SPECIFICATIONS.
3. SLOTTED DUCTS USED FOR WIRING OF RELAYS, MVAJ, SWITCHES AND INDICATION LIGHTS.

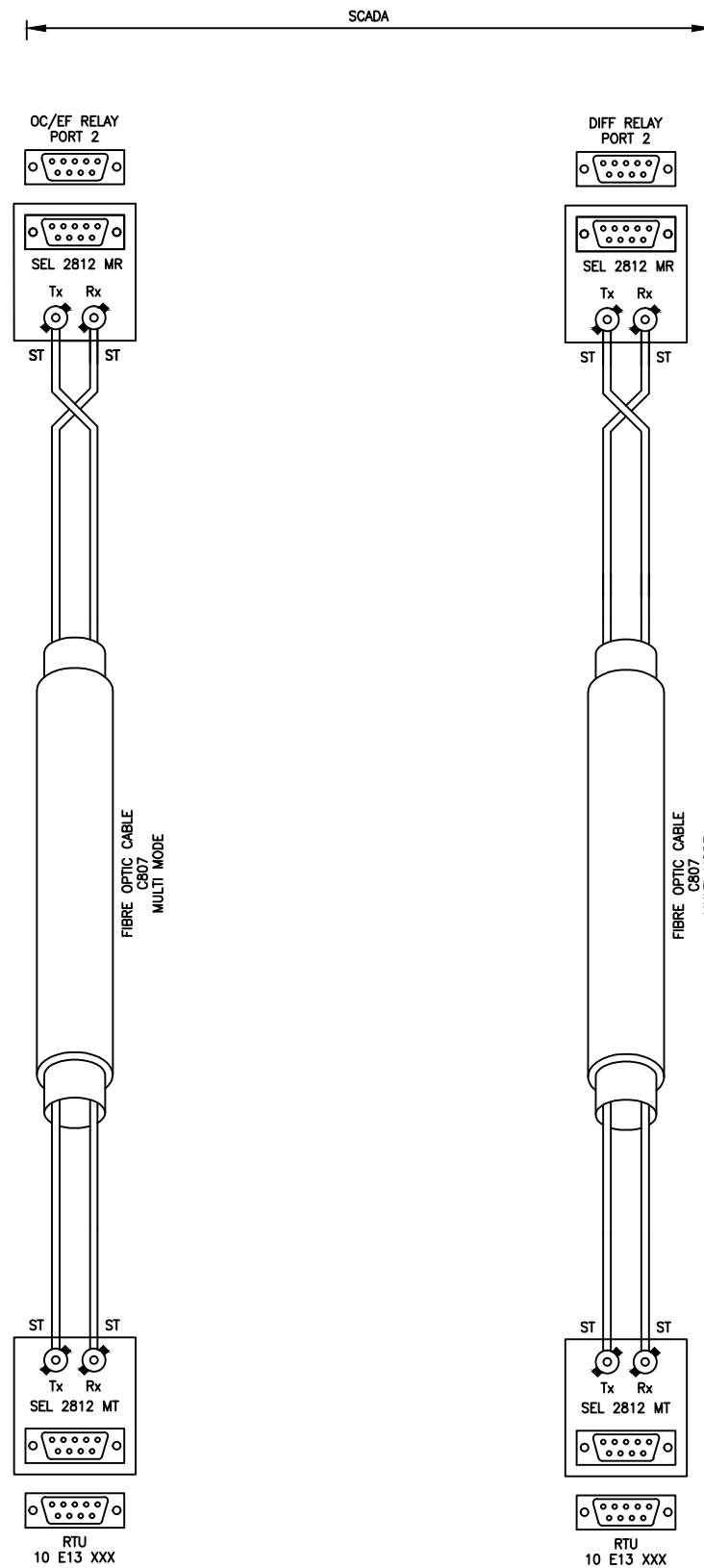
0	ISSUED FOR PROCUREMENT	23.10.17	MT	KP		
No.	REVISION	DATE	BY	CHK	PSD	APP

REFERENCE		
	DRAWING No.	TITLE



DRAWN	M. TALIB	27/09/17
CHECKED	K.PRASAD	29/09/17
CHIEF DRAUGHTSMAN		
TEAM LEADER		
ENGINEER	K.PRASAD	29/09/17
HEAD OF DEPARTMENT	O.D.S	


ENERGY FIJI LIMITED									
VUDA 33kV/11kV SUBSTATION TRANSFORMER NO.4 33kV CB 4H40 RELAY PANEL LAYOUT						DRAWING NUMBER			
						A3	10	E13	108
						SCALE NTS			

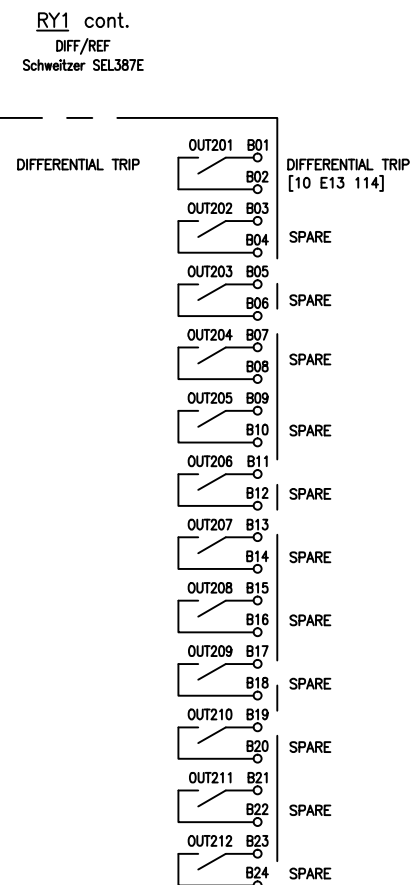
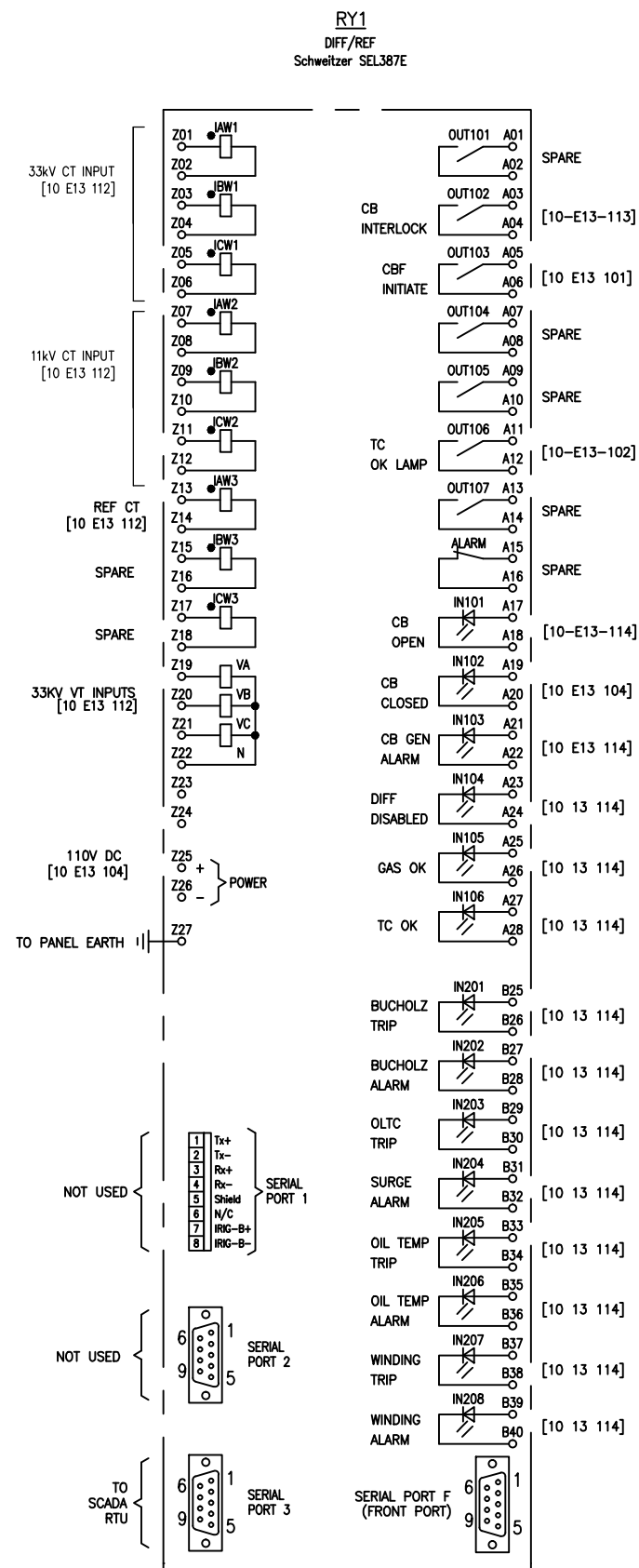
















RELAY CODE	RELAY DESCRIPTION	RELAY TYPE
DIFF	TRANSFORMER DIFF RELAY	SEL 387E
OC/EF	OVERCURRENT RELAY	SEL 351
RTU	EXISTING RTU	

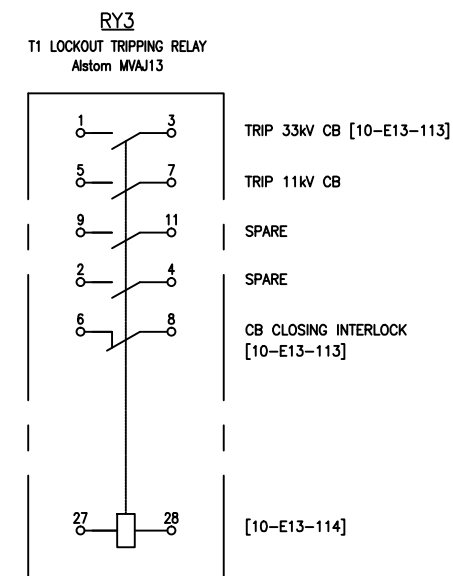
KEY

 ST CONNECTORS

							REFERENCE				DRAWN	M TALIB	27/09/17	ENERGY FIJI LIMITED								
												CHECKED	K.PRASAD	29/09/17	VUDA 33kV/11kV SUBSTATION			DRAWING NUMBER				
												CHIEF DRAUGHTSMAN			TRANSFORMER NO.4			A310E131070				
												TEAM LEADER			33kV CB 4H40							
												ENGINEER			K.PRASAD	29/09/17	SERIAL CONNECTIONS			SCALE NTS		
												HEAD OF DEPARTMENT			O.D.S							
0	ISSUED FOR PROCUREMENT							23.10.17	MT	KP												
No.	REVISION							DATE	BY	CHK	PSD	APP		DRAWING No.		TITLE						



TERMINAL	DESCRIPTION	REF
1  2	DIFF PROTECTION TRIP	10 E13 114
3  4	DIFF PROTECTION TRIP	10 E13 114
5  6	11kV CT - R	10 E13 112
7  8	11kV CT - Y	10 E13 112
9  10	11kV CT - B	10 E13 112
11  12	11kV CT - N	10 E13 112
13  14	NEUTRAL CT	10 E13 112
15  16	NEUTRAL CT	10 E13 112
17  18	SPARE	
19  20	CB FAIL INITIATE	10 E13 101
21  22	33kV CT - R	10 E13 112
23  24	33kV CT - Y	10 E13 112
25  26	33kV CT - B	10 E13 112
27  28	33kV CT - N	10 E13 112

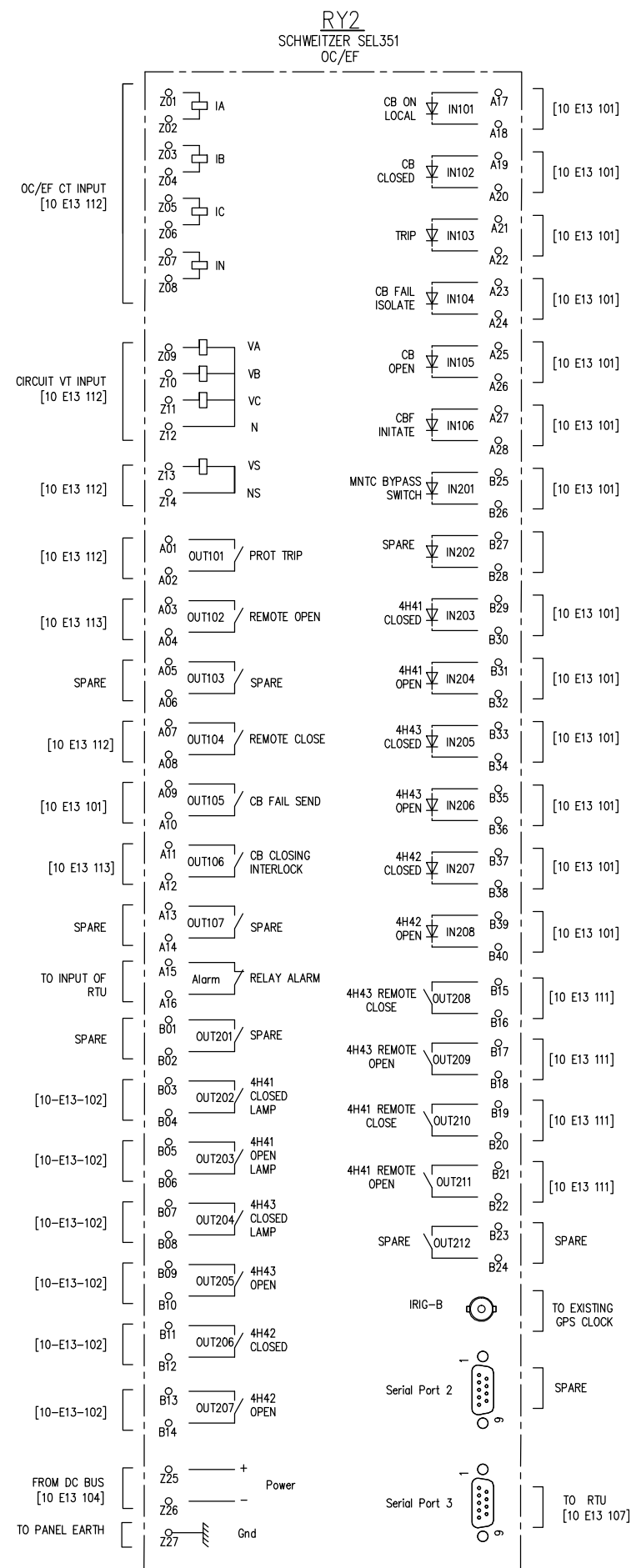
















0	ISSUED FOR PROCUREMENT	23.10.17	MT	KP			
No.	REVISION	DATE	BY	CHK	PSD	APP	

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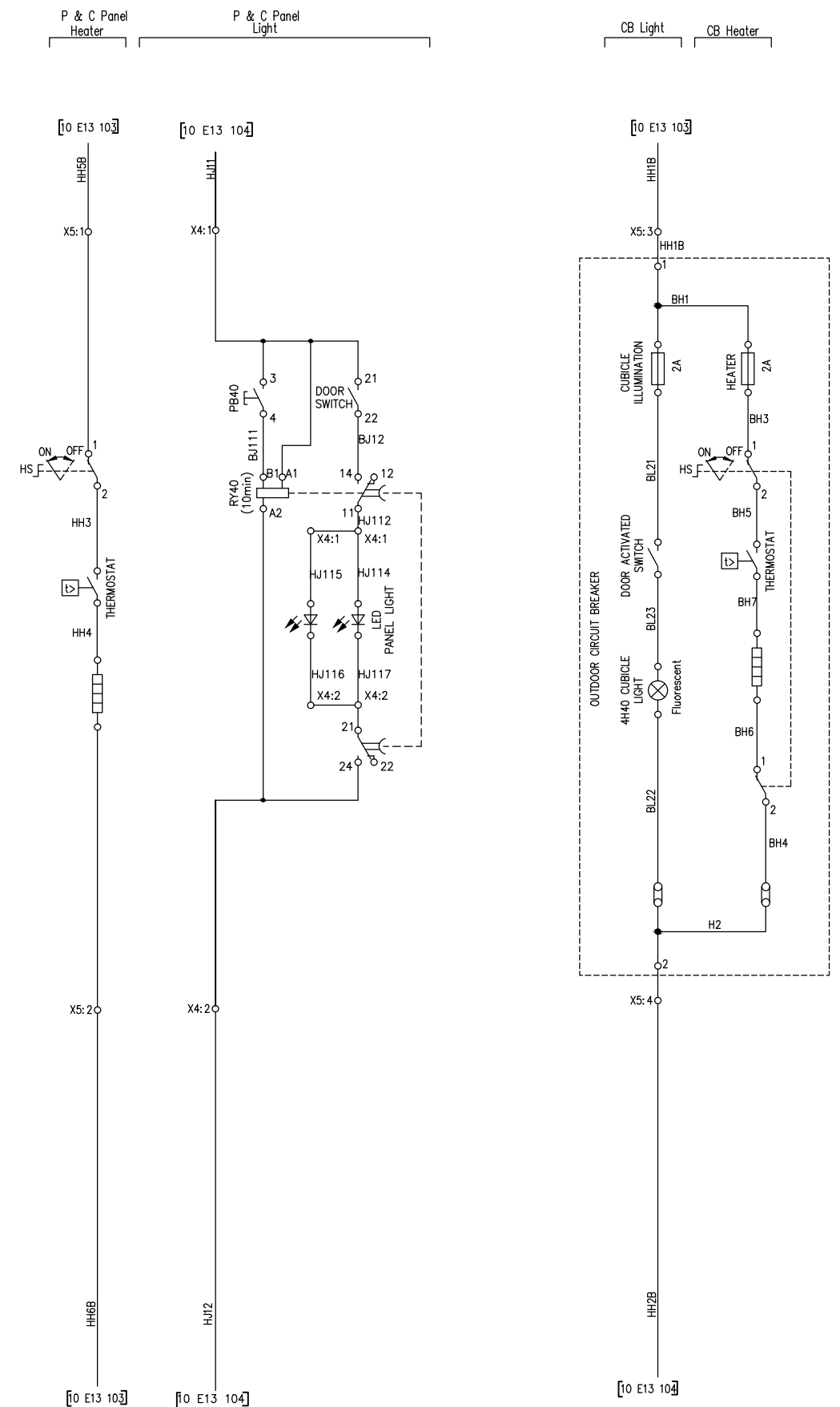
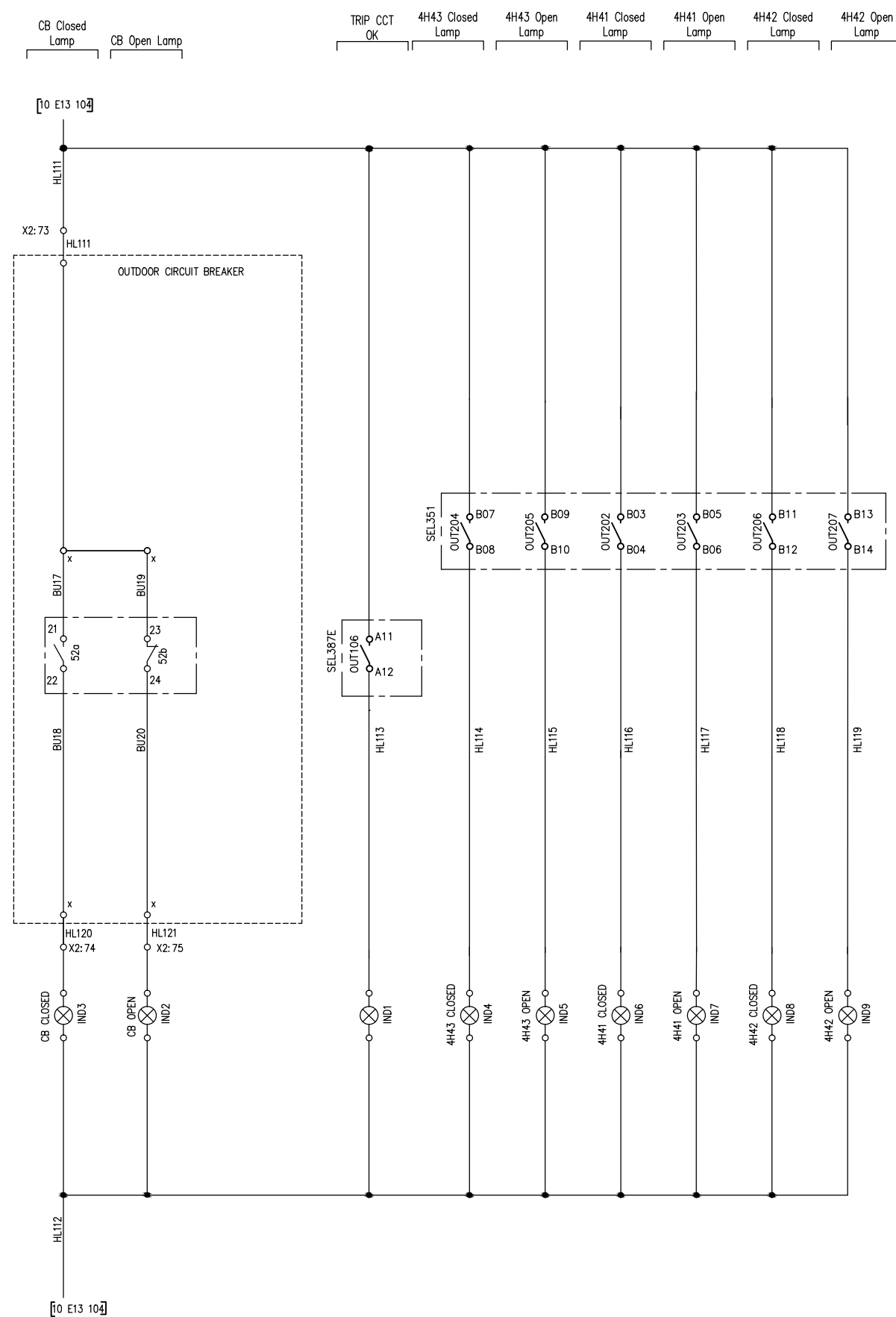
DRAWN	M TALIB	27/09/17
CHECKED	K.PRASAD	29/09/17
CHIEF DRAUGHTSMAN		
TEAM LEADER		
ENGINEER	K.PRASAD	29/09/17
HEAD OF DEPARTMENT	K.PRASAD	

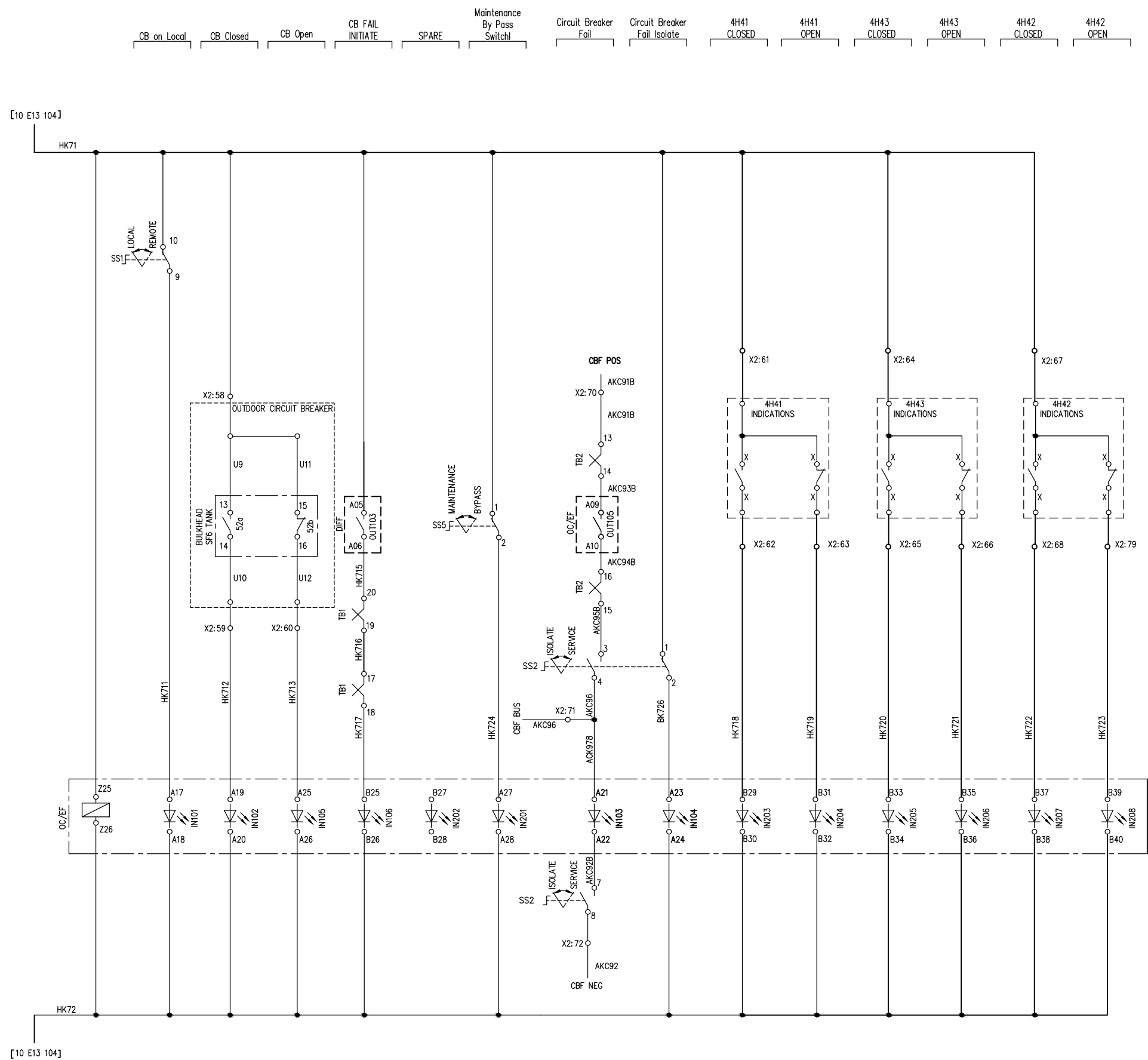
ENERGY FIJI LIMITED							
VUDA 33kV/11kV SUBSTATION TRANSFORMER NO.4 33kV CB 4H40 ASSEMBLED FORM - PART 2			DRAWING NUMBER				
			A3	10	E13	106	
			SCALE		NTS		



TERMINAL	DESCRIPTION	REF
	OC/EF TRIP	10 E13 113
	OC/EF TRIP	10 E13 113
	VT3 Rφ	10 E13 112
	VT3 Yφ	10 E13 112
	VT3 Bφ	10 E13 112
	VT3 N	10 E13 112
	CB FAIL SEND	10 E13 112
	CB FAIL SEND	10 E13 112
	SPARE	SPARE
	SPARE	SPARE
	OC/EF CT Rφ	10 E13 112
	OC/EF CT Yφ	10 E13 112
	OC/EF CT Bφ	10 E13 112
	OC/EF CT N	10 E13 112

[illegible]

[illegible]

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