A3	09	N55	005

Date of Survey : 15 - 21/01/14

SHEET 1 OF 2

								DRAWN	AQULALA	17.03.14
								CHECKED		
								GIS COORDINATOR		
	0	ORIGINAL ISSUE	17.03.14	SA				ENGINEER		
	No.	REVISION	DATE	BY	CHK	PSD	APP	HEAD OF DEPARTMENT		

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FIJI ELECTRICITY AUTHORITY

SUPPLY TO MALAKE ISLAND
RA DISTRICT
RAKIRAKI,RA(RA03.13)

DRAWING NUMBER

A3	09	N55	005

SCALE 1 : 2500

A3	09	N55	005

POLE SCHEDULE

POLE No.	POLE DESCRIPTION WOOD/CONC OR EXISTING	POLE Length and Strength m/kN	SPAN m	ANGLE OF LINE DEVIATION IN DEG.	POLE TOP DESCRIPTION OR TYPE No.	STAYS GRND	STAYS FLY	STAYS FLY + GRND	REMARKS
A	EXIST	EXIST.	–	–	EX+16B+15B	1			EXIST. T4674 INSTALL NEW DROP FOR T4674 & NEW ISOLATOR FOR HV CABLE
1.	WOOD	11/5	–	–	16B	1			PROP. 100kVA TRXF HV CABLE TERM.
2.	WOOD	11/5	–	–	3B+4A				3 & 1 ø LV ONLY
2/1	WOOD	10.2/6	48	15	1A				1 ø LV ONLY
2/2	WOOD	10.2/6	31	–	3A	1			" "
3	WOOD	10.2/6	43	30	2A	1			" "
4	WOOD	10.2/6	43	30	2A	1			" "
5	WOOD	10.2/6	43	0	1A+3A	1			" "
5/1	WOOD	10.2/6	48	85	3A+3A	2			" "
5/2	WOOD	10.2/6	54	–	3A	1			" "
6	WOOD	10.2/6	41	0	1A	1			" "
7	WOOD	10.2/6	43	85	3A+3A	2			" "
8	WOOD	10.2/6	33	50	4A	1			" "
9	WOOD	10.2/6	50	–	3A	1			" "
10	WOOD	10.2/6	41	30	2B	1			3 ø LV ONLY
11	WOOD	10.2/6	16	0	3A+3B+3B	1			3 & 1 ø LV ONLY
11/1	WOOD	10.2/6	39	–	3A	1			1 ø LV ONLY
12	WOOD	10.2/6	38	30	2B	1			3 ø LV ONLY
13	WOOD	10.2/6	31	20	1B	1			" "
14	WOOD	10.2/6	40	20	1B+3A	1			3 & 1 ø LV ONLY
14/1	WOOD	10.2/6	42	–	3A	1			1 ø LV ONLY
15	WOOD	10.2/6	53	15	3B+4A	1			3 & 1 ø LV ONLY
15/1	WOOD	10.2/6	50	5	1A				1 ø LV ONLY
15/2	WOOD	10.2/6	54	50	2A	1			" "
15/3	WOOD	10.2/6	38	–	3A	1			" "
16	WOOD	10.2/6	45	105	3A+3A	2			" "
17	WOOD	10.2/6	67	10	1A+3A	1			" "
17/1	WOOD	10.2/6	45	–	3A	1			" "
18	WOOD	10.2/6	55	80	3A+3A	2			" "
19	WOOD	10.2/6	53	80	3A+3A	2			" "
20	WOOD	10.2/6	60	65	1A+3A	1			" "
20/1	WOOD	10.2/6	50	–	3A	1			" "
21	WOOD	10.2/6	87	10	1A	1			" "
22	WOOD	10.2/6	72	10	1A+3A	1			" "

POLE SCHEDULE

POLE No.	POLE DESCRIPTION WOOD/CONC OR EXISTING	POLE Length and Strength m/kN	SPAN m	ANGLE OF LINE DEVIATION IN DEG.	POLE TOP DESCRIPTION OR TYPE No.	STAYS GRND	STAYS FLY	STAYS FLY + GRND	REMARKS
22/1	WOOD	10.2/6	67	–	3A	1			1 ø LV ONLY
23	WOOD	10.2/6	44	35	2A	1			" "
24	WOOD	10.2/6	80	10	1A	1			" "
25	WOOD	10.2/6	80	10	1A	1			" "
26	WOOD	10.2/6	80	5	1A				" "
27	WOOD	10.2/6	55	70	3A+3A	1	1		" "
28	WOOD	10.2/6	40	50	4A	1			" "
29	WOOD	10.2/6	53	20	1A	1			" "
30	WOOD	10.2/6	50	–	3A	1			" "

FINAL SINGLE LINE

REF. DRWWG. 04 N20 051

FINAL HV CIRCUIT

LEGEND - HV CIRCUIT

- DROPOUT FUSE
- PROP. 100KVA
- EXIST. T4674
- EXISTING HV LINE
- LAY 35mm sq. Al HV SUBMARINE CABLE
  TOTAL ROUTE LENGTH = 3100m

LEGEND - LV CIRCUIT

- STRAIN POINT
- BRIDGING POINT
- TERMINATION POINT
- PROP. 100KVA
- EXISTING O/H CONDUCTOR
- STRING 7/3.75AAAC HELIUM CONDUCTOI
  TOTAL 3Ø LV ROUTE LENGTH = 219m
  TOTAL 1Ø LV ROUTE LENGTH = 1783m

SHEET 2 OF 2

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