

LEGEND

- LV POLE
- HV POLE
- ⊙ HV & LV POLE
- △ PROP. POLE MOUNTED TRANSFORMER
- EXISTING O/H CONDUCTOR
- - - PROPOSED O/H CONDUCTOR
- GROUND STAY
- FLY STAY

WORK COMPLETED COPY

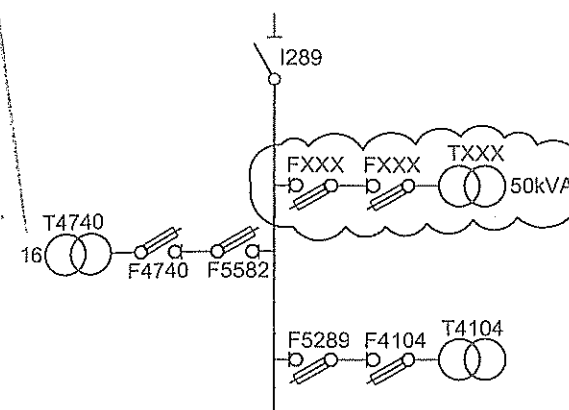
TO BE RETURNED TO THE GIS OFFICE ON COMPLETION OF THE CONSTRUCTION WORK

I certify that the details shown on this plan are a true record of the work as constructed

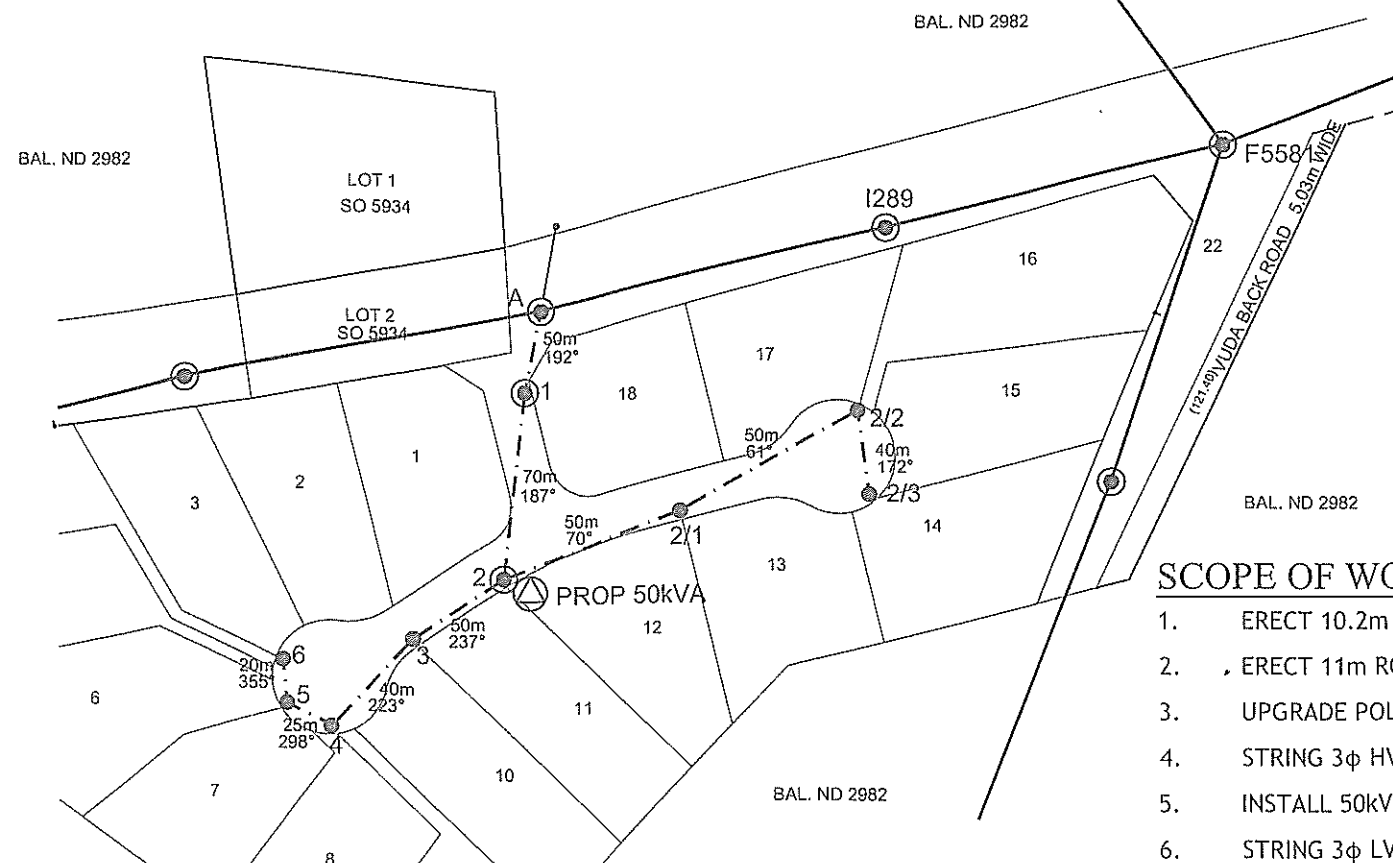
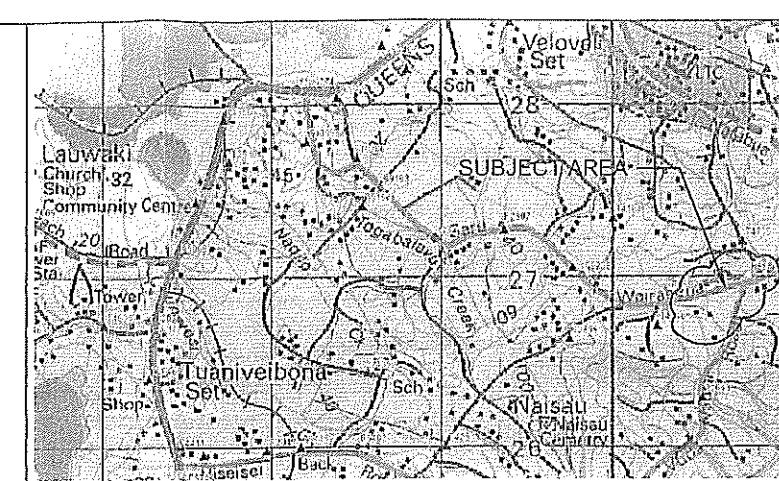
Signed: _____ Date: _____

FINAL SINGLE LINE

REF. DRWG 04 N20 056



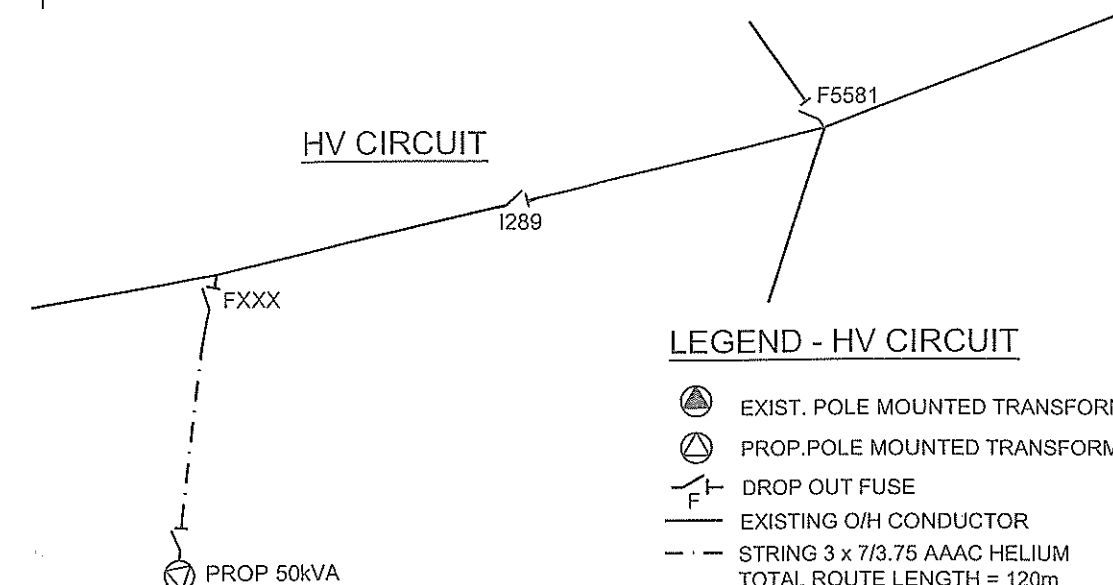
LOCALITY PLAN(NTS)



SCOPE OF WORK:

1. ERECT 10.2m RC POLES AT LOCATIONS MARKED 1, 2/1, 2/2, 2/3, 3, 4, 5 & 6.
2. ERECT 11m RC POLE AT LOCATION MARKED 2.
3. UPGRADE POLE A TO 11m RC POLE.
4. STRING 3φ HV HELIUM CONDUCTOR FROM POLE A TO POLE 2 VIA POLE 1.
5. INSTALL 50KVA TRANSFORMER AT POLE 2.
6. STRING 3φ LV HELIUM CONDUCTOR FROM POLE 1 TO 6 VIA POLES 2, 3, 4 & 5 AND FROM POLE 2 TO 2/3 VIA POLE 2/1 & 2/2.

HV CIRCUIT



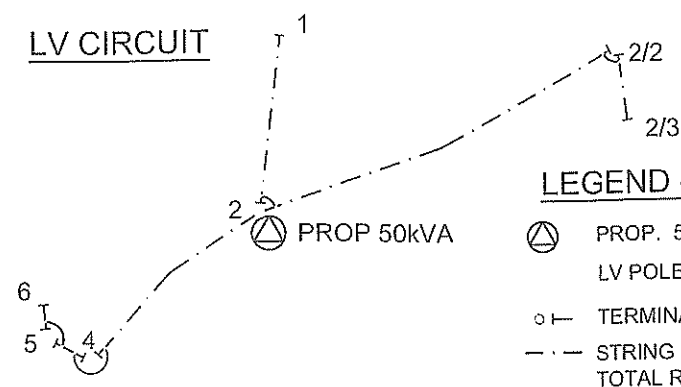
LEGEND - HV CIRCUIT

- ⊙ EXIST. POLE MOUNTED TRANSFORMER
- △ PROP. POLE MOUNTED TRANSFORMER
- DROP OUT FUSE
- EXISTING O/H CONDUCTOR
- - - STRING 3 x 7/3.75 AAAC HELIUM
- TOTAL ROUTE LENGTH = 120m

NGTE:

1. USE BAULK FOOTING ON POLE 2, 2/2, 2/3, 4, 5, 6.
2. PEGGING TO BE DONE DURING CONSTRUCTION

LV CIRCUIT



LEGEND - LV CIRCUIT

- △ PROP. 50KVA TRANSFORMER
- LV POLES ONLY
- TERMINATION POINT
- - - STRING 4 x 7/3.75 AAAC HELIUM
- TOTAL ROUTE LENGTH = 345m

CONSTRUCTION COMPLETED

Date

D.E./T.O.

PROJECT COMMISSIONED

Date

D.E./T.O.

POLE SCHEDULE

POLE NO.	POLE DESCRIPTION WOOD/CONC OR EXIST	POLE LENGTH STRENGTH m/KN	SPAN m	ANGLE OF DEVIATION IN DEG.	POLE TOP DESCRIPTION OR DRESSINGS	STAYS			REMARKS
						GRND	FLY	FLY +GRND	
A	CONC.	11/5.5	-	-	EXIST+18B		1		INSTALL T/OFF DOF
1	CONC.	10.2/6	50	5	11B+3B				PROP 3Ø HV + PROP 3Ø LV
2	CONC.	11/5.5	70	13	13B+1B+3B+REM	1			PROP 3Ø HV + PROP 3Ø LV + PROP 50KVA TXFR
2/1	CONC.	10.2/6	50	9	1B				PROP 3Ø LV ONLY
2/2	CONC.	10.2/6	50	112	3B+3B				" " " " " "
2/3	CONC.	10.2/6	40	-	3B				" " " " " "
3	CONC.	10.2/6	50	14	1B				" " " " " "
4	CONC.	10.2/6	40	75	4B				" " " " " "
5	CONC.	10.2/6	25	58	4B				" " " " " "
6	CONC.	10.2/6	20	-	3B				" " " " " "

FIJI ELECTRICITY AUTHORITY

SUPPLY TO TABUA TRUST PROPERTIES LTD
LAUTOKA DISTRICT
WAIRABETIA (G51.16)

DRAWING NUMBER

A3 04 N53 234

SCALE 1 : 1500

No.	REVISION	DATE	BY	CHK	PSD	APP
0	ORIGINAL ISSUE FOR G51.16	29.08.17	RR			

DRAWN	RAULUI R	29.08.17
CHECKED	SHANDIL	11/09/17
CHIEF DRAUGHTSMAN	DEEPAK	11/9/17
TEAM LEADER DESIGN & PLANNING	Ritesh K	11/9/17
ENGINEER	Shamir	11/9/17
HEAD OF DEPARTMENT	Shamir	11/9/17

