

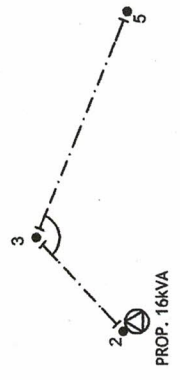
SCOPE OF WORK:

1. ERECT 15.5m WOODEN POLE AT LOCATION MARKED 1.
2. ERECT 11m RC POLE AT LOCATION MARKED 2.
3. ERECT 10.2m RC POLE AT LOCATIONS MARKED 3, 4 & 5.
4. STRING 1Ø HV HELIUM CONDUCTOR FROM POLE MARKED 1 TO POLE MARKED 2.
5. STRING 1Ø LV ABC CABLE FROM POLE MARKED 2 TO POLE MARKED 5 VIA POLES MARKED 3 & 4.
6. INSTALL 16kVA POLE MOUNT TRANSFORMER ON POLE MARKED 2.

NOTE:

BEFORE THE COMMENCEMENT OF ANY WORK, THE TEAM IS REQUIRED TO LIAISE WITH THE TREE OWNERS FOR ANY TREE LOPPING WORKS ALONG THE PROPOSED ROUTE. (CONSENT OBTAINED IS ONLY FOR TRIMMING OF TREES)

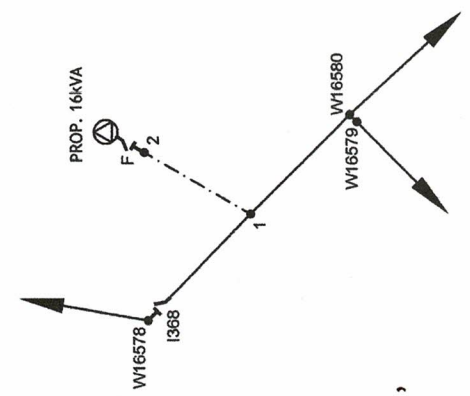
FINAL LV CIRCUIT



LV CIRCUIT-LEGEND

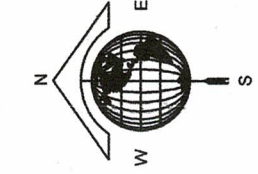
- LV POLE
- TERMINATION POINT
- STRAIN POINT
- ⊗ PROPOSED TRANSFORMER
- STRING LV ABC CABLE
- TOTAL ROUTE LENGTH = 143m

FINAL HV CIRCUIT

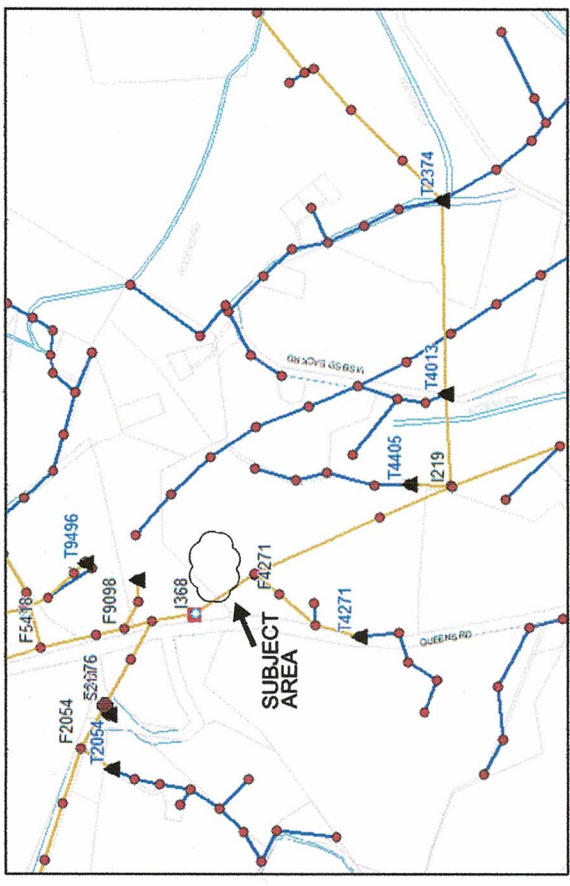


HV CIRCUIT-LEGEND

- HV POLE
- ⊗ PROPOSED TRANSFORMER
- ⊗ DROP OUT FUSE/ISOLATOR
- EXISTING O/H CONDUCTOR
- STRING HV 2 x 7/3.75AAAC HELIUM
- 1Ø HV ROUTE LENGTH= 50m

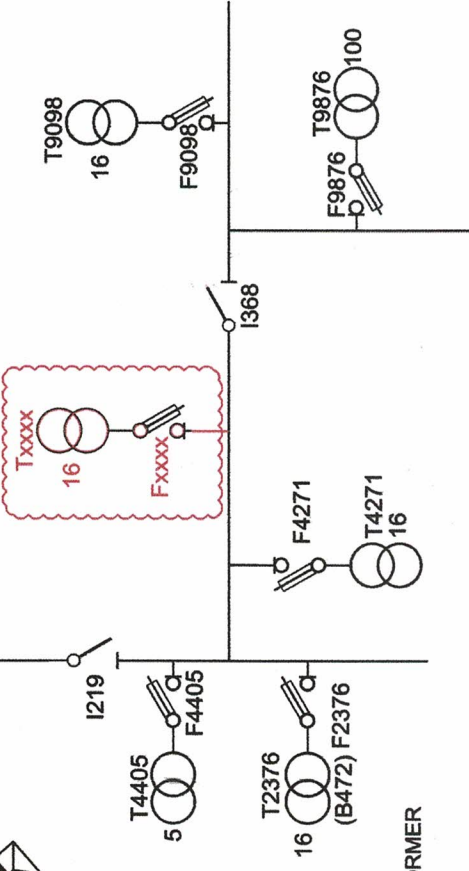


LOCALITY PLAN



FINAL SINGLE LINE

REF. DRWG. 04 N20 056



LEGEND

- LV POLE
- HV POLE
- ⊗ HV & LV POLE
- ⊗ PROPOSED POLE MOUNT TRANSFORMER
- EXISTING O/H CONDUCTOR
- PROPOSED O/H CONDUCTOR
- GROUND STAY
- FLY STAY

POLE SCHEDULE

POLE NO	POLE DESCRIPTION (WOOD, CONC OR EXISTING)	POLE LENGTH & STRENGTH (m/kN)	SPAN (m)	ANGLE OF LINE DEVIATION (°)	POLE DRESSING	STAYS			REMARKS
						GROUND	FLY	GRND & FLY	
1	WOODEN	15.5			11B+13A	1			STRING 3Ø/1Ø HV
2	CONC	11/5.5	50	17	13A+ABC TERMINATION+REM	1			INSTALL 16kVA TRANSFORMER
3	CONC	10.26	48	65	LV ABC STRAIN	2			STRING LV ABC
4	CONC	10.26	45	0	LV ABC SUSPENSION				STRING LV ABC
5	CONC	10.26	50	-	LV ABC TERMINATION	1			STRING LV ABC

ENERGY FIJI LIMITED

Supply To Mr Eprama
Lautoka District
Viseisei Area (L'Uo8.20)

DRAWING NUMBER

A3 04 N83 152 0

SCALE NTS



DRAWN	23.05.24	23.05.24
CHECKED	23.05.24	23.05.24
GIS COORDINATOR	23.05.24	23.05.24
DEPARTMENT ENGINEER	23.05.24	23.05.24
HEAD OF DEPARTMENT	23.05.24	23.05.24

No.	REVISION	DATE	BY	CHK	GIS	Dept.Eng	HOD
0	Original Issue	23.05.24	NON				