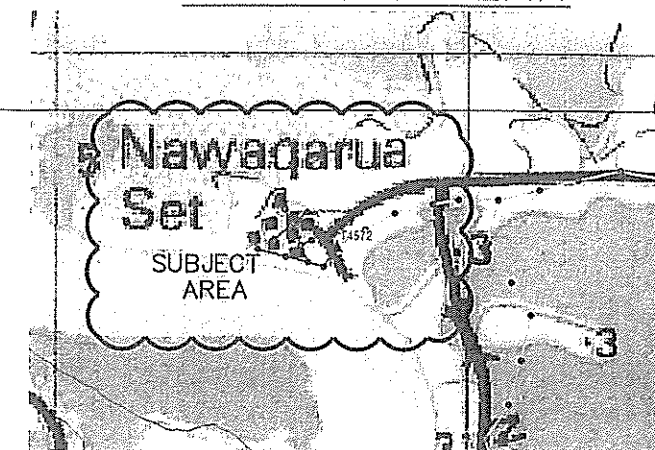


SCOPE :

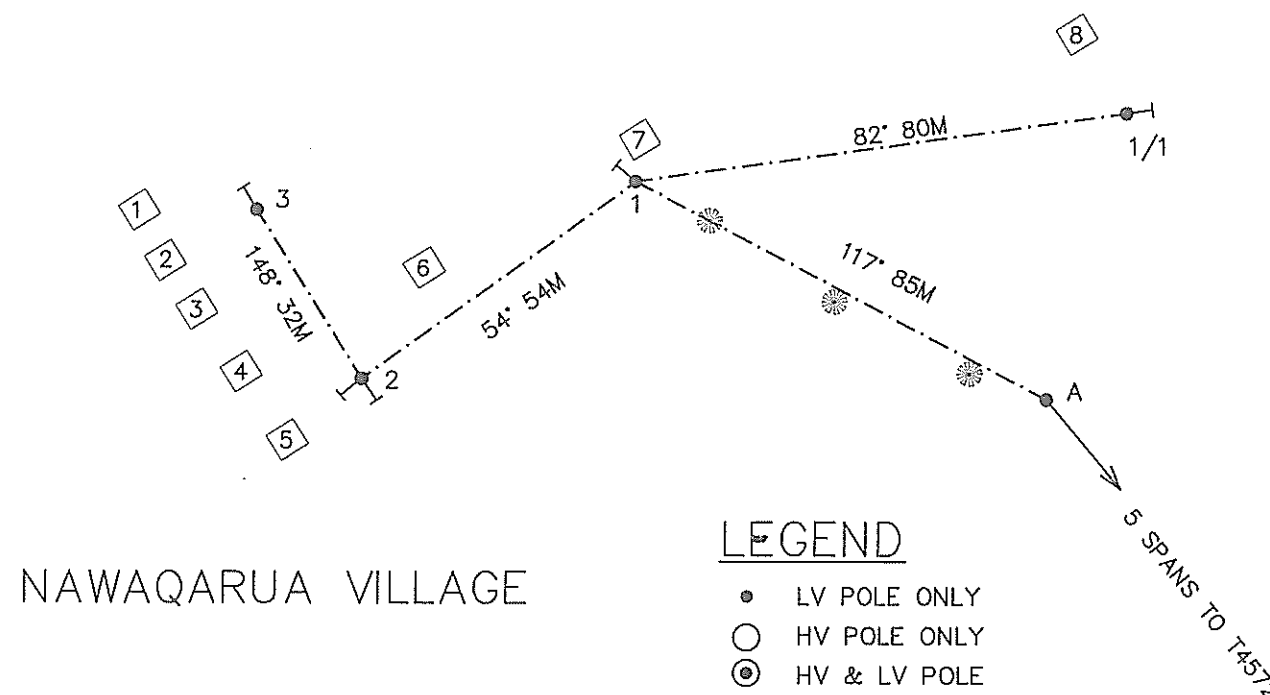
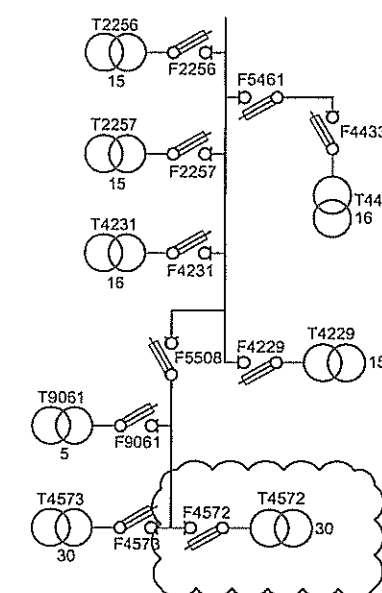
1. ERECT 10.2m RC POLE AT LOCATION MARKED 1,1/1,2 & 3
2. STRING 1  $\phi$  LV HELIUM CONDUCTOR FROM POLE A TO 3  
VIA POLES 1 & 2 AND FROM POLE 1 TO 1/1

## LOCALITY PLAN



SINGLE LINE DIAGRAM

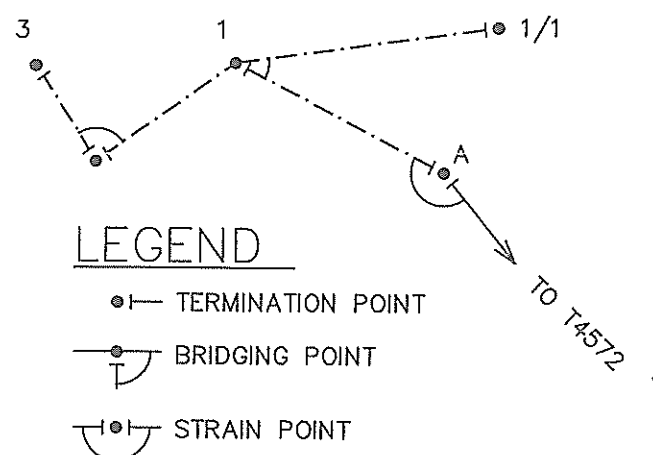
DWG No. 04N20053








## LEGEND

- LV POLE ONLY  
 ○ HV POLE ONLY  
 ⊙ HV & LV POLE  
 ⊥ GROUND STAY  
 — FLY STAY  
 ⊗ EXISTING TRANSFORMER  
 △ PROPOSED TRANSFORMER  
 — EXISTING O/H LINE  
 - - - PROPOSED O/H LINE

## FINAL LV CIRCUIT



## LEGEND

-  TERMINATION POINT  
 BRIDGING POINT  
 STRAIN POINT  
 EXISTING O/H LINE  
 STRING 2 x 7/3.75AAAC HELIUM  
TOTAL ROUTE LENGTH = 251m

## POLE SCHEDULE

Pole No.	POLE Description Wood/Con or exist	POLE Length and Strength m/kN	SPAN m	ANGLE OF LINE DEVIATION IN DEG.	POLE TOP Description OR	STAYS				REMARKS
						GRND	SIDE WALK	FLY	FLY GRND +	
A	EXIST	—	—	—	4A					STRING 1 Ø LV ONLY
1	CONC	10.2/6	85	—/28	3A+2A	1				STRING 1 Ø LV ONLY
2	CONC	10.2/6	54	94	3A+3A	2				STRING 1 Ø LV ONLY
3	CONC	10.2/6	32	—	3A	1				STRING 1 Ø LV ONLY
1/1	CONC	10.2/6	80	—	3A	1				STRING 1 Ø LV ONLY

									DRAWN	KELEVI	23.09.17
									CHECKED	<i>[Signature]</i>	27/9/17
									CHIEF DRAUGHTSMAN	<i>[Signature]</i>	27/9/17
									TEAM LEADER	<i>[Signature]</i>	27/9/17
	0	ORIGINAL ISSUE	23.09.17	KM					ENGINEER	<i>[Signature]</i>	27/9/17
	No.	REVISION	DATE	BY	CHK	PSD	APP		HEAD OF DEPARTMENT	<i>[Signature]</i>	27/9/17

FIJI ELECTRICITY AUTHORITY

SUPPLY TO NAWAQARUA  
BA DISTRICT

DRAWING NUMBER

A3	08	N82	122
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NAWAQARUA AREA File No. BA06/14

4 SCALE 1 : 2000