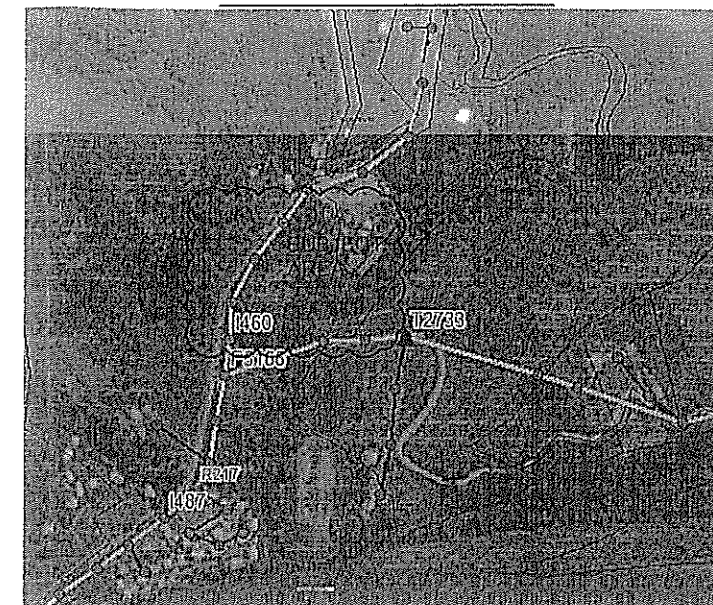


WORKSCOPE

1. ERECT 11m POLE AT LOCATION 1
2. ERECT 10.2m POLE AT LOCATION MARKED 2 & 3
3. INSTALL 5 kVA TRANSFORMER AT LOCATION MARKED 1
4. STRING 1 Ø HV HELIUM CONDUCTOR FROM POLE MARKED A TO 1
5. STRING 1 Ø LV HELIUM CONDUCTOR FROM POLE MARKED 1 TO 3 VIA POLE MARKED 2

LOCALITY PLAN

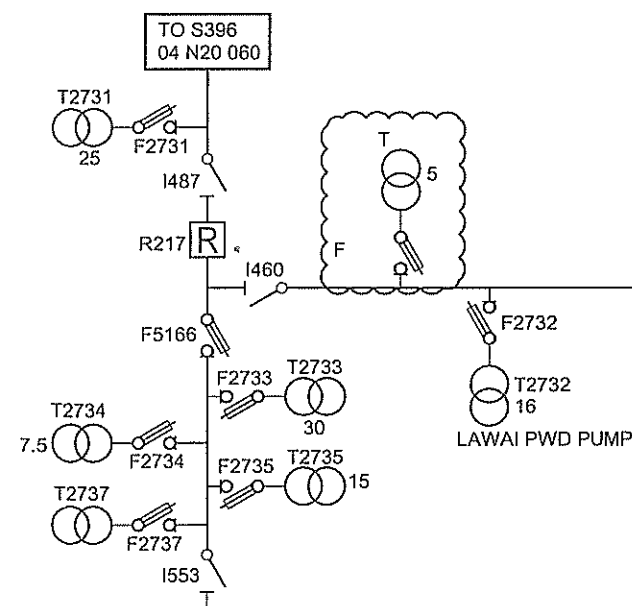


LEGEND

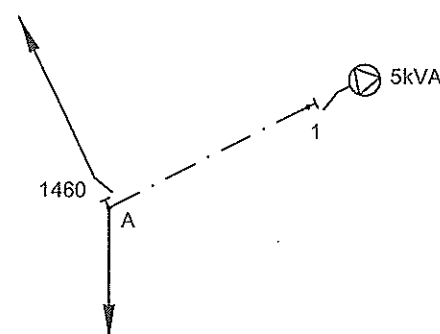
- LV POLE ONLY
- HV POLE ONLY
- ⊙ HV & LV POLE
- GROUND STAY
- FLY STAY
- ⊗ EXISTING TRANSFORMER
- ⊕ PROPOSED TRANSFORMER
- EXISTING O/H LINE
- - - PROPOSED O/H LINE

SINGLE LINE DIAGRAM

DWG No. 04N20074



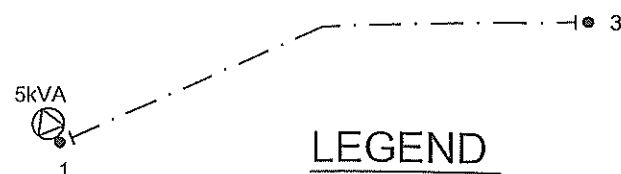
FINAL HV CIRCUIT



LEGEND

- HV POLE
 - ⊗ EXISTING TRANSFORMER
 - ⊕ PROPOSED TRANSFORMER
 - DROP OUT FUSE/ISOLATOR
 - EXISTING O/H LINE
 - - - STRING 2 x 7/3.75AAAC HELIUM
- TOTAL ROUTE LENGTH = 72m

FINAL LV CIRCUIT



LEGEND

- TERMINATION POINT
 - BRIDGING POINT
 - STRAIN POINT
 - ⊗ EXISTING TRANSFORMER
 - ⊕ PROPOSED TRANSFORMER
 - EXISTING O/H LINE
 - - - STRING 2 x 7/3.75AAAC HELIUM
- TOTAL ROUTE LENGTH = 170m

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	—	—	—	Ex.+18A			1		STRING 1 Ø HV ONLY
1	CONC	11/5.5	72	3	3A+3A+REM					TRANSFORMER POLE
2	CONC	10.2.6	89	22	2A	1				STRING 1 Ø LV ONLY
3	CONC	10.2/6	81	—	3A	1				STRING 1 Ø LV ONLY

FIJI ELECTRICITY AUTHORITY

SUPPLY TO JOWASA TONAWAI
SIGATOKA DISTRICT
LAWAI AREA File No. SG03/08

DRAWING NUMBER

A3 04 N86 145

SCALE 1 : 2000



DRAWN	KELEVI	30.09.17
CHECKED	VIKANT	12/10/17
CHIEF DRAUGHTSMAN		12/10/17
TEAM LEADER DESIGN & PLANNING		12/10/17
ENGINEER		12/10/17
HEAD OF DEPARTMENT		12/10/17

No.	REVISION	DATE	BY	CHK	PSD	APP
0	ORIGINAL ISSUE	30.09.17	KM			