

FINAL HV CIRCUIT

FINAL SINGLE LINE

REF. DRWG. 04 N20 056

FINAL LV CIRCUIT

CONSTRUCTION COMPLETED

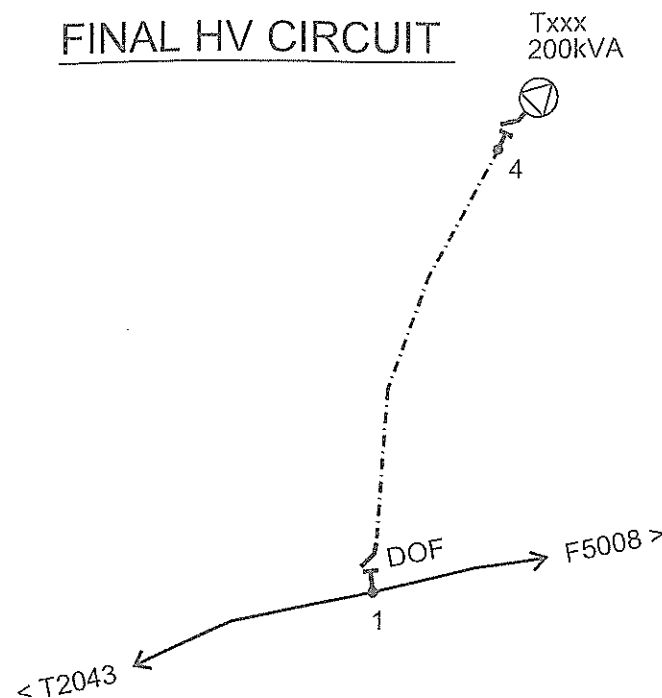
Date

D.E./T.O.

PROJECT COMMISSIONED

Date

D.E./T.O.



LEGEND

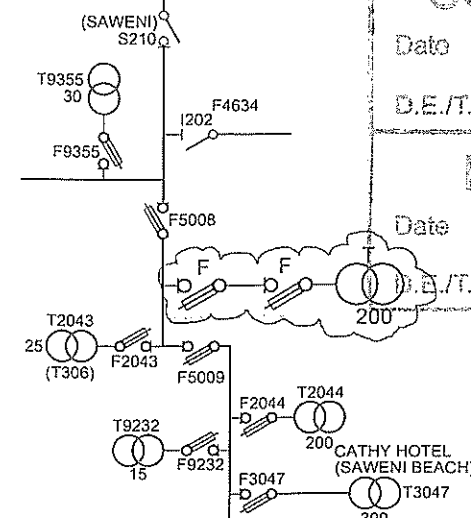
- HV POLE
- ⊙ PROPOSED TRANSFORMERS
- EXISTING O/H CONDUCTOR
- - - STRING HV 3 x 7/3.75AAAC HELIUM CONDUCTOR
- 3Ø HV ROUTE LENGTH= 136m

LEGEND

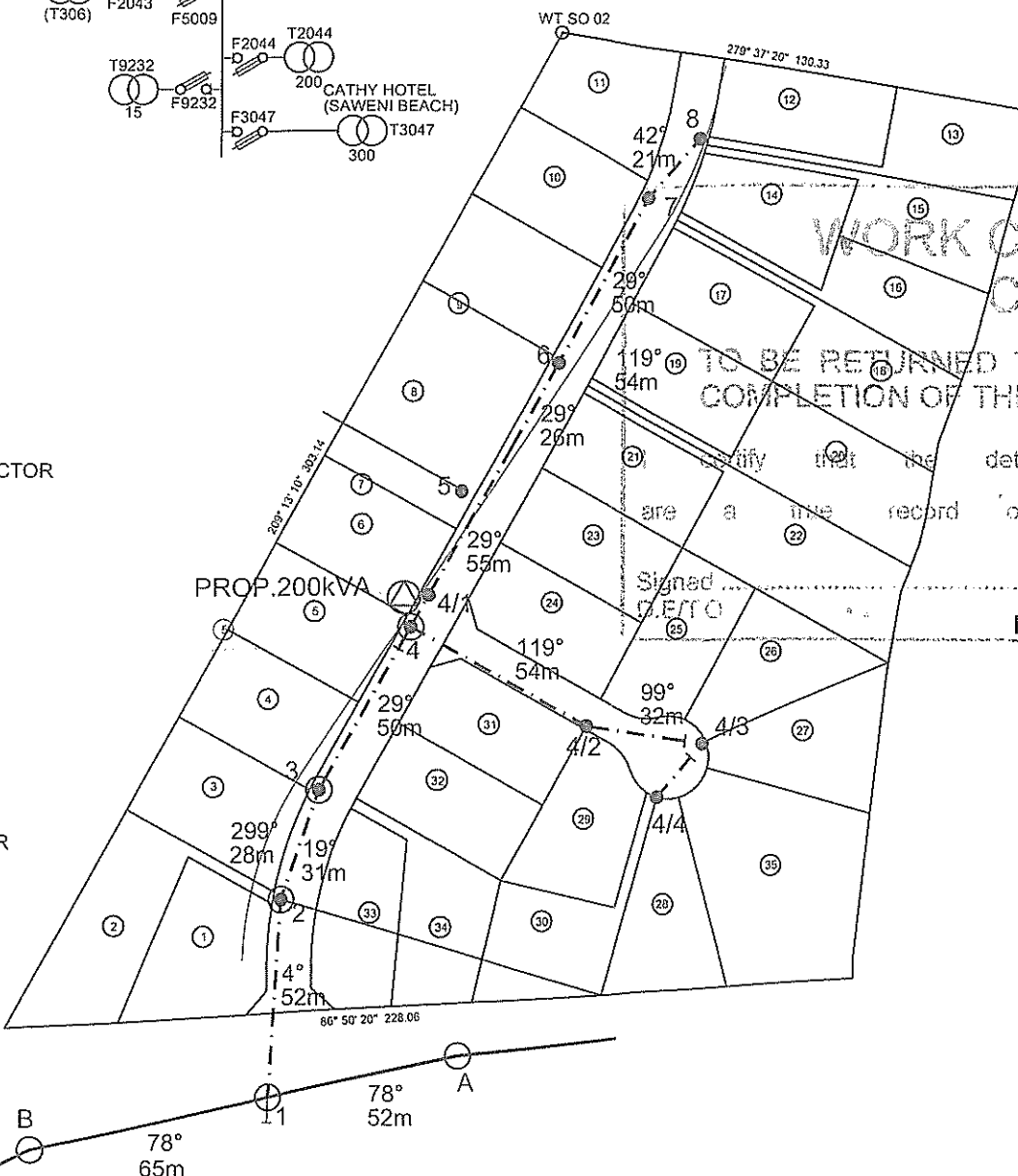
- LV POLE
- ⊙ HV & LV POLE
- ⊙ EXISTING POLE MOUNTED TRANSFORMER
- ⊙ PROP. POLE MOUNTED TRANSFORMER
- EXISTING O/H CONDUCTOR
- - - PROPOSED O/H CONDUCTOR
- GROUND STAY
- FLY STAY

SCOPE OF WORK

- ERECT 11m RC POLE AT LOCATIONS MARKED 1 & 4.
- ERECT 10.2m RC POLE AT LOCATIONS MARKED 2,3,4/1,4/2, 4/3, 4/4,5,6,7 & 8.
- STRING 3Ø HV HELIUM CONDUCTOR FROM POLE 1 TO 4 VIA POLES 2 & 3.
- INSTALL 200kVA TRANSFORMER AT H - POLE 4,4/1.
- STRING 3Ø LV HELIUM CONDUCTOR FROM POLE 2 TO 8 VIA POLES 3,5,6,7 & 8 AND FROM 4 TO 4/4 VIA 4/2 & 4/3.



WT SO 02

WORK COMPLETED
COPYTO BE RETURNED TO THE GIS OFFICE ON
COMPLETION OF THE CONSTRUCTION WORKVerify that the details shown on this plan
are a true record of the work as constructed

Signed Date

NOTE

- USE BAULK FOOTING FOR ALL POLE BASES
- PEGGING TO BE DONE DURING CONSTRUCTION

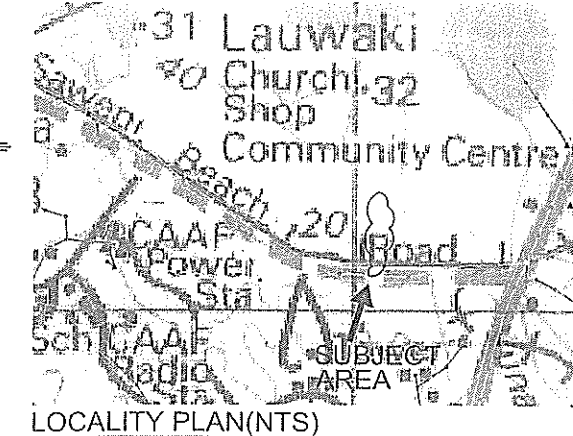
POLE SCHEDULE

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.	GRND	SIDE-WALK	FLY	REMARKS
A	EXIST.	EX			EXIST				EXISTING HV
1	CONC.	11	52	0	11B+18B	1			PROP.3Ø HV
8	CONC.	10.2	65		Ex				EXISTING HV
2	CONC.	10.2	52	15	12A+3B				PROP.3Ø HV + PROP.3Ø LV
3	CONC.	10.2	31	10	11B+18B				PROP.3Ø HV + PROP.3Ø LV
4	CONC.	11	50	0	13B+18B+3B+ REM	1			PROP.3Ø HV + PROP.3Ø LV PROP. 200kVA TRXF
4/1	CONC.	10.2	-	-					PROP.3Ø LV
4/2	CONC.	10.2	54	20	1B				" " "
4/3	CONC.	10.2	32	-	3B+3B				" " "
4/4	CONC.	10.2	20	-	3B				" " "
5	CONC.	10.2	55	0	1B				" " "
6	CONC.	10.2	26	0	1B				" " "
7	CONC.	10.2	50	13	1B				" " "
8	CONC.	10.2	21	58	3B				" " "

LEGEND

- TERMINATION POINT
- ⊙ BRIDGING POINT
- ⊙ STRAIN POINT
- ⊙ EXISTING TRANSFORMER
- ⊙ PROPOSED TRANSFORMER
- EXISTING O/H LINE
- - - STRING 4 x 7/3.75AAAC HELIUM
TOTAL ROUTE LENGTH = 233m

LOCALITY PLAN(NTS)



DRAWN	PRIYA	29.08.17
CHECKED	Kaushal	11/09/17
CHIEF DRAUGHTSMAN	Wesley	11/09/17
TEAM LEADER DESIGN & PLANNING	Ritesh	11/09/17
ENGINEER	Manoj	11/09/17
HEAD OF DEPARTMENT	Kumar	11/09/17

FIJI ELECTRICITY AUTHORITY

SUPPLY TO PANTINA PROPERTY INVEST.
LAUTOKA DISTRICT (G52.16)
SAWENI, LAUTOKA

DRAWING NUMBER

A3 04 N53 253

SCALE 1 : 2000

No.	REVISION	DATE	BY	CHK	PSD	APP
0	ORIGINAL ISSUE SI G52.16	29.08.17	PS			