

LEGEND

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

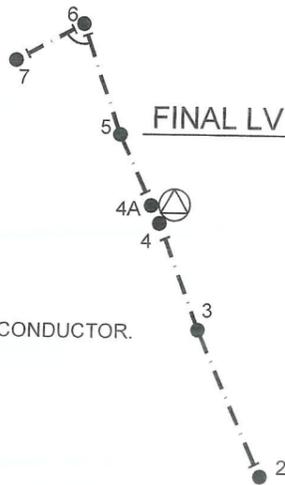
NOTES:

1. INSTALL 1 X 11.0M POLE MARKED '4' AND 7 X 10.2M POLE MARKED '1', '2', '3', '4A', '5', '6', & '7' C/W DRESSINGS & STAYS (REFER TO POLE SCHEDULE FOR DETAILS).
2. INSTALL 1 X 100KVA 3Ø POLE MOUNTED TRANSFORMER (H-STRUCTURE) ON POLES MARKED '4' & '4A'.
3. STRING 3 X HV HELIUM CONDUCTOR FROM C10924 TO PROPOSED POLE '4' VIA POLES '1' '2' & '3'. RL= 123m.
4. STRING 4 X LV HELIUM CONDUCTOR FROM PROPOSED POLE '2' TO POLE '7' VIA POLES '3', '4', '4A', '5', & '6'. RL= 110m.

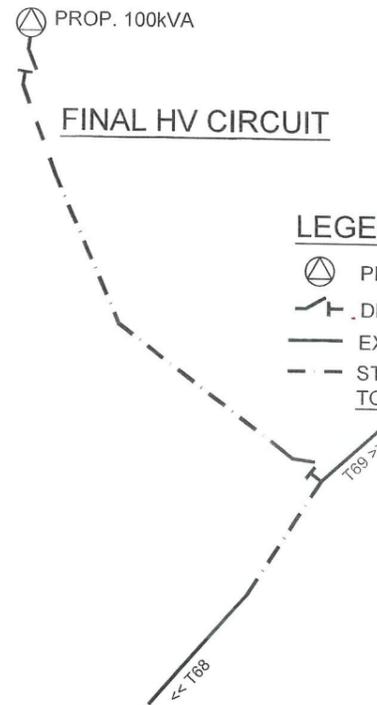
LEGEND - LV CIRCUIT

- ⊕ PROP. 100KVA TRANSFORMER
- LV POLES ONLY
- TERMINATION POINT
- ⊕ BRIDGING POINT
- ⊕ STRAIN POINT
- - - STRING 4 x 7/3.75AAAC HELIUM CONDUCTOR. TOTAL ROUTE LENGTH = 110m

FINAL LV CIRCUIT



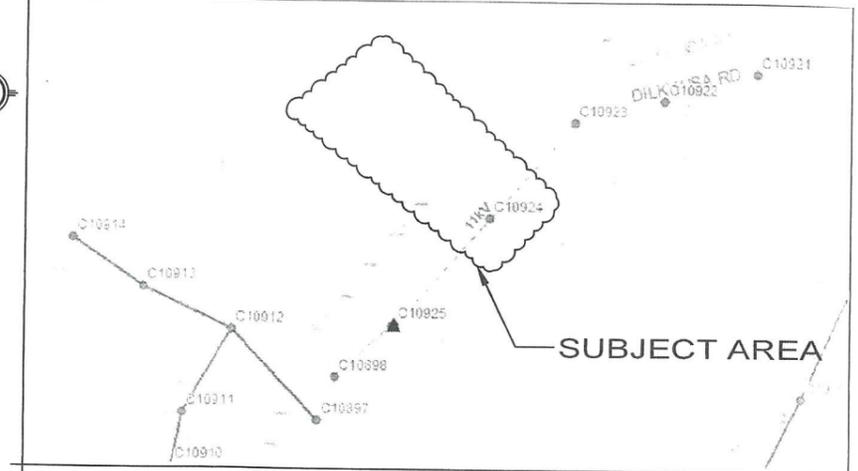
FINAL HV CIRCUIT



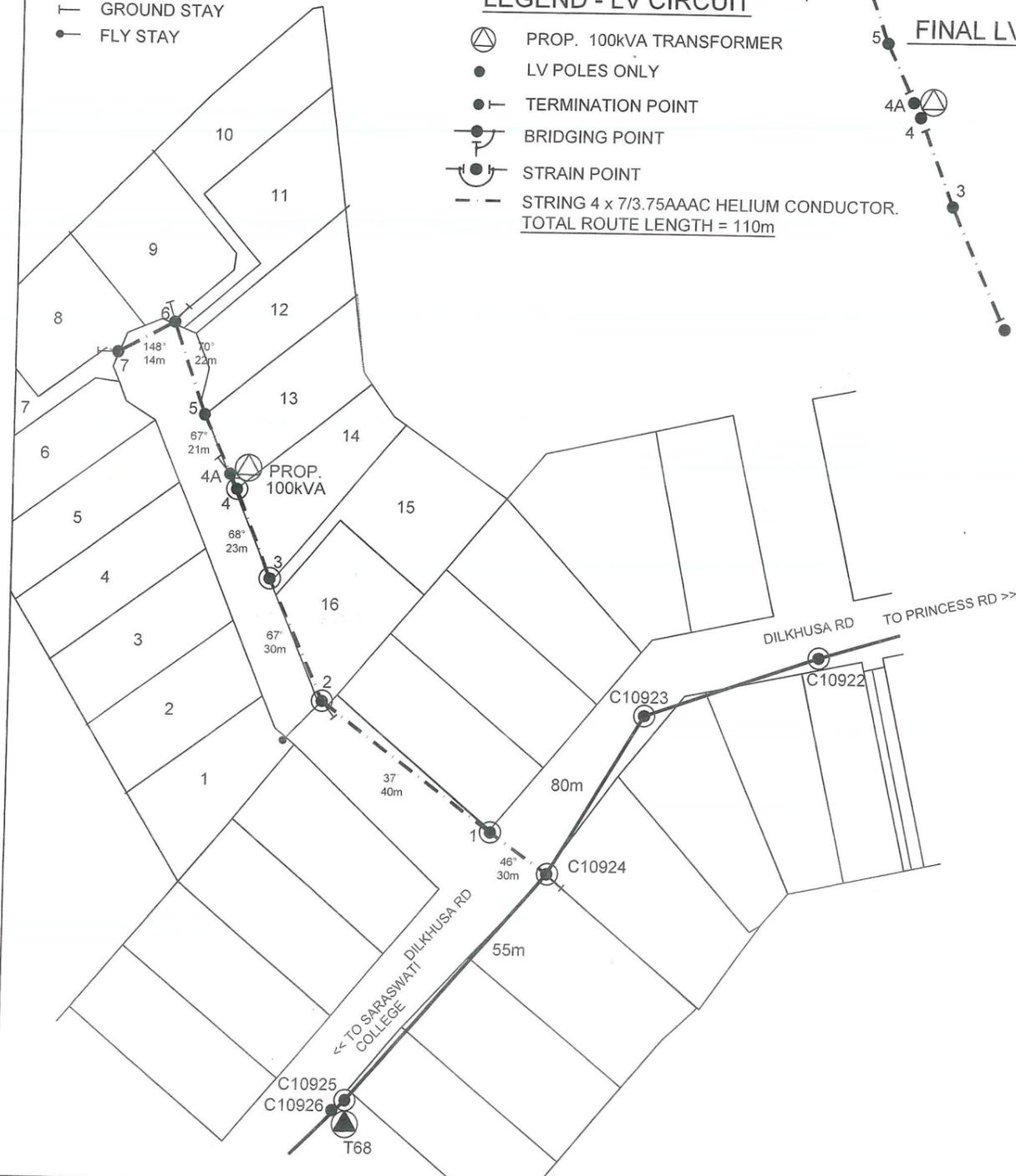
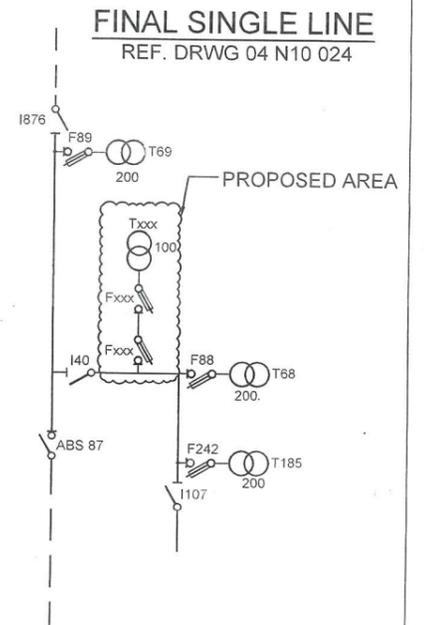
LEGEND - HV CIRCUIT

- ⊕ PROP. POLE MOUNTED TRANSFORMER
- ⊕ DROP OUT FUSE
- EXISTING O/H CONDUCTOR
- - - STRING 3 x 7/3.75AAAC HELIUM CONDUCTOR. TOTAL ROUTE LENGTH = 123m

LOCALITY PLAN(NTS)



FINAL SINGLE LINE
REF. DRWG 04 N10 024



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	
C10924	EXIST.	EXIST.	EXT	-	EXIST + 18B	1		EXISTING + PROP. 3Ø HV + LV
1	CONC.	10.2/6	30	9°	11B			PROP 3Ø HV
2	CONC.	10.2/6	40	30°	12B + 3B	1	1	PROP 3Ø HV + PROP 3Ø LV
3	CONC.	10.2/6	30	1°	11B + 1B			" " " " " "
4	CONC.	11.0/5.5	23	-	13B + 3B + REM			PROP 3Ø HV + PROP. 100kVA Tx + 80A LV FUSE
4A	CONC.	10.2/6	2.5	-	3B + REM	1		PROPOSED H-POLE STRUCTURE
5	CONC.	10.2/6	21	3°	1B			PROP 3Ø LV
6	CONC.	10.2/6	22	78°	3B + 3B	2		" " " " " "
7	CONC.	10.2/6	14	-	3B	1		" " " " " "

No.	REVISION	DATE	BY	CHK	Dept. Eng	HOD
0	ORIGINAL ISSUE FOR SD19-24	13.10.25	AP	RK		



DRAWN	ANITESH	13.10.25
CHECKED	[Signature]	20/11/25
GIS COORDINATOR		
TEAM LEADER		
DESIGN & PLANNING		
ENGINEER	[Signature]	20/11/25
HEAD OF DEPARTMENT	[Signature]	20/11/25

ENERGY FIJI LIMITED

SUPPLY TO PROPOSED SUB-DIVISION ON
LOT 5, DP3639 IN WAILA, NAUSORI
SCHEME NUMBER : SD19-24

DRAWING NUMBER			
A3	04	N76	261
SCALE @NTS			