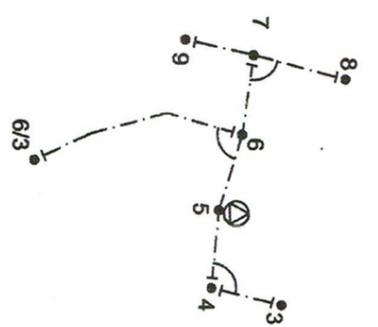


- LEGEND**
- LV POLE
  - HV POLE
  - ⊙ HV & LV POLE
  - ⊗ PROPOSED POLE MOUNT TRANSFORMER
  - EXISTING O/H CONDUCTOR
  - - - PROPOSED O/H CONDUCTOR
  - GROUND STAY
  - FLY STAY

**SCOPE OF WORK:**

1. UPGRADE POLE MARKED W13265, W13264 & W13263 TO 10.2m RC POLE.
2. ERECT 10.2m RC POLE AT POLE LOCATIONS MARKED 4, 6, 6/1, 6/2, 6/3, 7, 8 & 9.
3. ERECT 11m RC POLE AT POLE LOCATIONS MARKED 1, 2, 3 & 5.
4. STRING 1 φ HV HELIUM CONDUCTOR FROM POLE MARKED W13268 TO 5 VIA POLES MARKED W13267, W13266, W13265, W13264, W13263, W13259, W48261, W53292, W53293, W52394, 1, 2, 3 & 4.
5. INSTALL 1 x 16KVA POLE MOUNT TRANSFORMER ON POLE 5.
6. STRING 1 φ LV HELIUM CONDUCTOR FROM POLE MARKED
  - 3 TO 7 VIA POLES MARKED 4, 5 & 6.
  - 6 TO 6/3 VIA POLES MARKED 6/1 & 6/2
  - 8 TO 9 VIA POLE MARKED 7

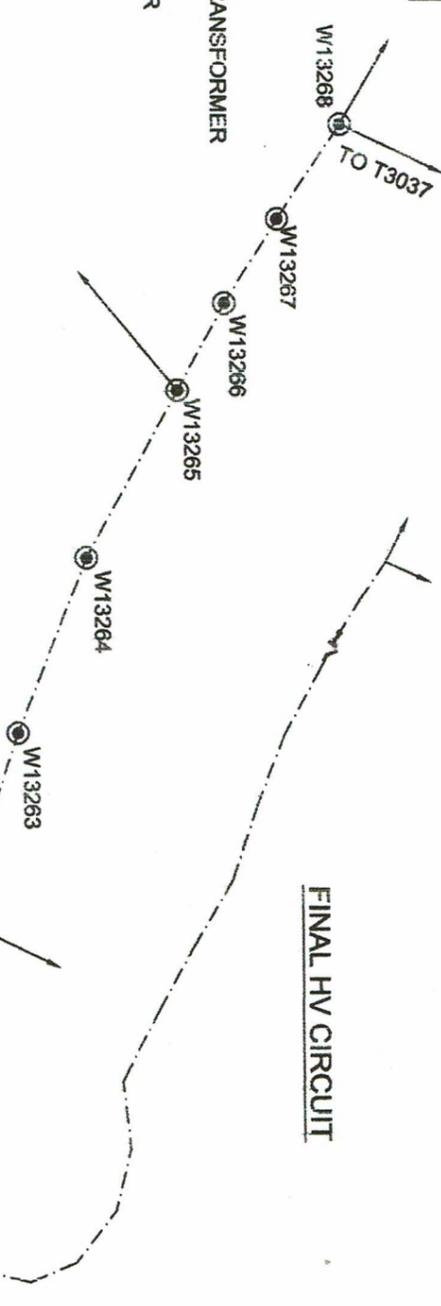
**FINAL LV CIRCUIT**



**LV CIRCUIT-LEGEND**

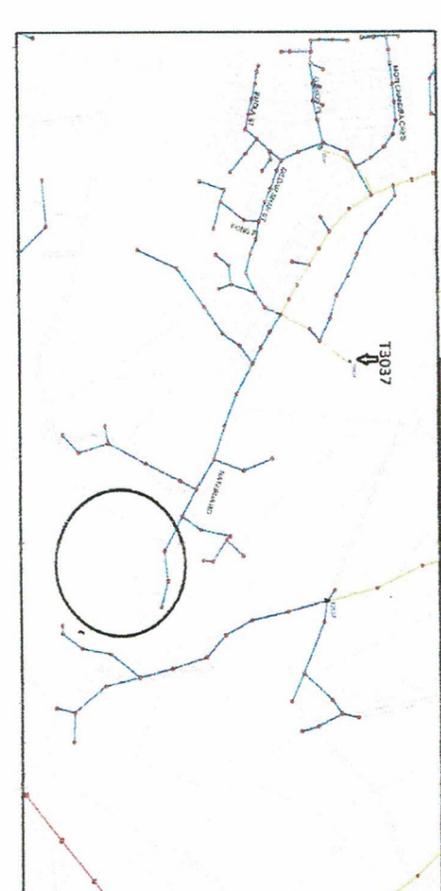
- TERMINATION POINT
- BRIDGING POINT
- STRAIN POINT
- ⊗ PROPOSED TRANSFORMER
- EXISTING O/H CONDUCTOR
- - - STRING 2 x 7/3.75AAC HELIUM
- - - TOTAL ROUTE LENGTH = 459m

POLE NO	POLE DESCRIPTION (WOOD, CONC OR EXISTING)	POLE LENGTH & STRENGTH (m/kN)	SPAN OF LINE (m)	ANGLE OF LINE DEVIATION (°)	POLE DRESSING	STAYS (GRN, FLY, GRND & FLY)	REMARKS
W13268	EXIST	EXIST	-	-	14B-14A+EXIST		EXISTING HV & LV POLE
W13267	-	-	37	-	18A+EXIST		INSTALL DOF
W13266	-	-	32	-	11A+EXIST		STRING 1 φ HV ONLY
W13265	CONC	10.2/6	32	-	11A+EXIST		-
W13264	-	-	62	-	11A+EXIST		-
W13263	-	-	61	-	14A+EXIST		-
W13260	EXIST	EXIST	63	-	11A+EXIST		-
W13259	-	-	63	-	11A+EXIST		-
W48261	-	-	54	-	11A+EXIST		-
W53292	-	-	69	-	12A+EXIST		-
W53293	-	-	54	-	14A+EXIST		-
W53294	-	-	51	-	12A+EXIST		-
1	CONC	11/5.5	52	30	12A	1	-
2	-	-	40	35	12A	1	-
3	-	-	45	2	11A+3A	1	-
4	-	-	10.2/6	47	13A+13A+3A+3A	2	-
5	-	-	11/5.5	51	13A+1A+REM	1	INSTALL 16KVA TRANSFORMER
6	-	-	10.2/6	51	1A+3A	1	STRING 1 φ LV ONLY
6/1	-	-	51	31	2A	1	-
6/2	-	-	51	10	1A	1	-
6/3	-	-	41	-	3A	1	-
7	-	-	51	21	1A+3A	1	-
8	-	-	61	-	3A	1	-
9	-	-	45	-	3A	1	-

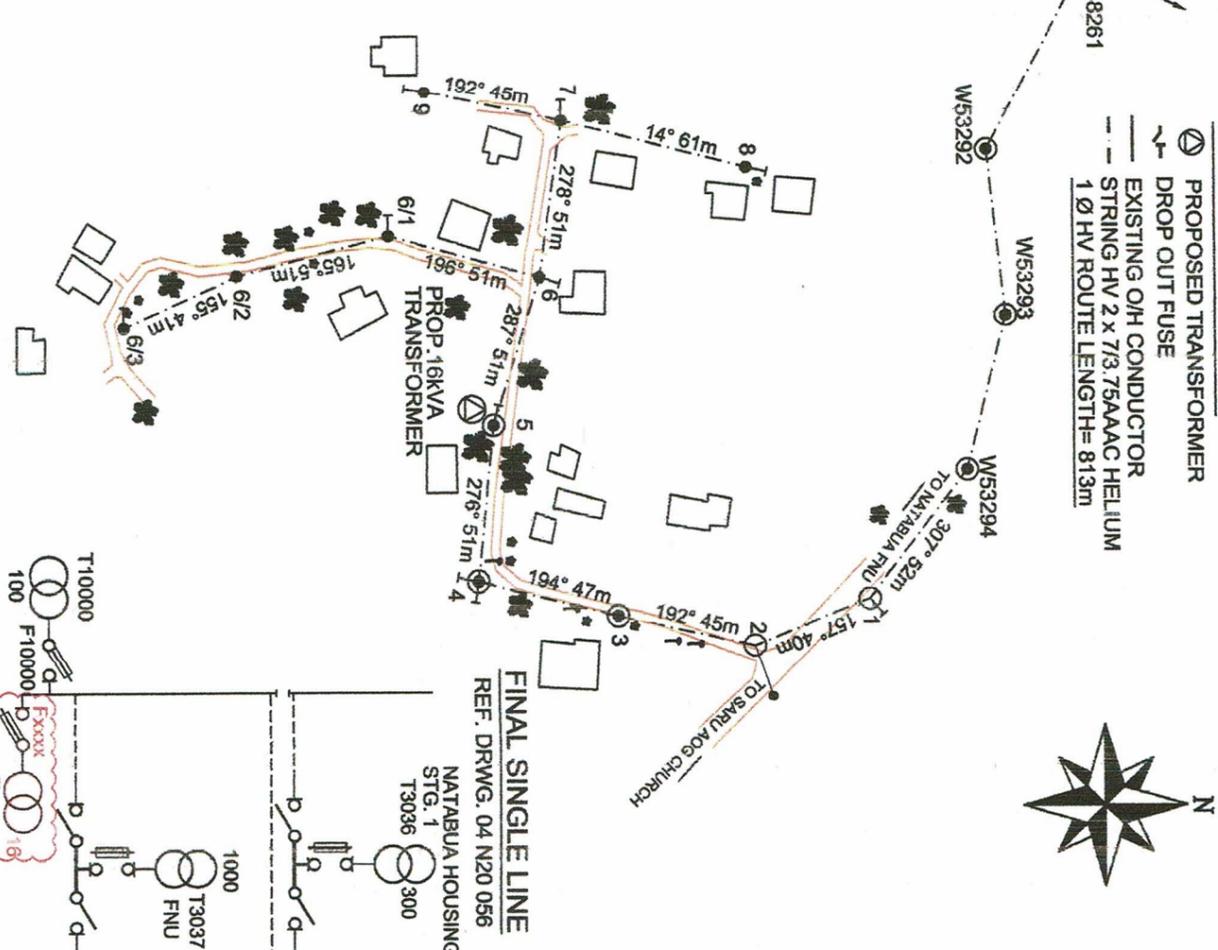


**FINAL HV CIRCUIT**

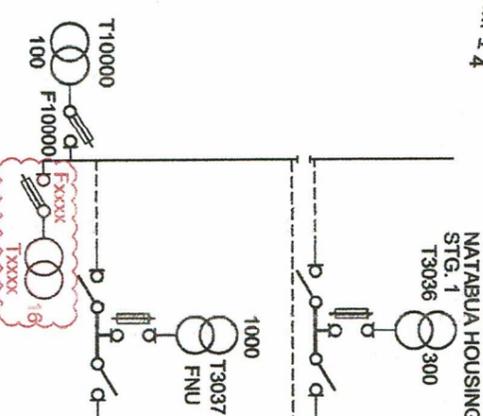
- HV CIRCUIT-LEGEND**
- ⊗ PROPOSED TRANSFORMER
  - ⊗ DROP OUT FUSE
  - EXISTING O/H CONDUCTOR
  - - - STRING HV 2 x 7/3.75AAC HELIUM
  - - - 1 φ HV ROUTE LENGTH = 813m



**LOCALITY PLAN**



**FINAL SINGLE LINE**



**ENERGY FIJI LIMITED**

Supply To Natabuva  
Lautoka District  
Natabuva Area (L/U09.18)

No.	REVISION	DATE	BY	CHK	GIS	Dept.Eng	HOD
0	Original Issue	28.10.24	JV				

DRAWN	28.10.24
CHECKED	30/10/24
GIS COORDINATOR	30/10/24
DEPARTMENT ENGINEER	30/10/24
HEAD OF DEPARTMENT	30/10/24

**ENERGY FIJI LIMITED**

DRAWING NUMBER  
A3 04 N83 156

SCALE  
NTS