








LEGEND






-  TERMINATION POINT
 BRIDGING POINT
 STRAIN POINT
 EXISTING TRANSFORMER
 PROPOSED TRANSFORMER
 EXISTING O/H LINE
 STRING 4 x 3.75AAAC HELIUM
 TOTAL ROUTE LENGTH = 265m

FINAL HV CIRCUIT

LEGEND

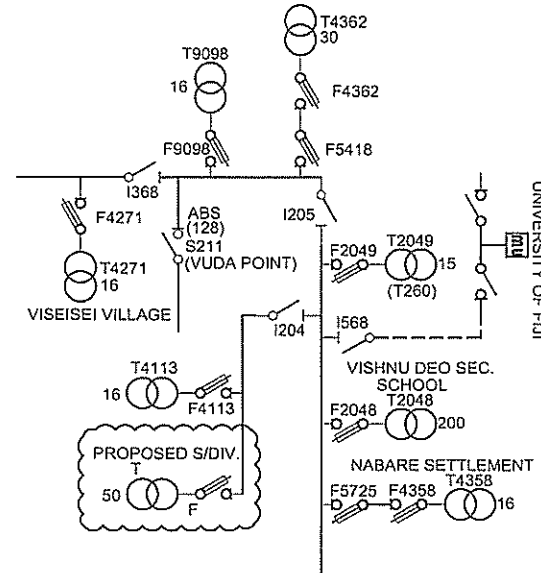
- LV POLE ONLY
 ○ HV POLE ONLY
 ⊙ HV & LV POLE
 ┣ GROUND STAY
 ─ FLY STAY
 ⊗ EXISTING TRANSFORMER
 ⊕ PROPOSED TRANSFORMER
 ——— EXISTING O/H LINE
 - - - - - PROPOSED O/H LINE

LEGEND

- HV POLE
 DROPOUT FUSE
 EXISTING TRANSFORMER
 PROPOSED TRANSFORMER
 EXISTING O/H LINE
 TOTAL ROUTE LENGTH = 1094m

SINGLE LINE DIAGRAM

DWG No. 04 N20 056



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	-	-	-	EXIST					UPGRADE TO 3 Ø HV
B	EXIST	-	30	-	EXIST					UPGRADE TO 3 Ø HV
C	EXIST	-	46	-	11B+Ex					UPGRADE TO 3 Ø HV
D	EXIST	-	59	-	11B+Ex					UPGRADE TO 3 Ø HV
E	EXIST	-	61	-	11B+Ex					UPGRADE TO 3 Ø HV
F	EXIST	-	61	-	11B+Ex					UPGRADE TO 3 Ø HV
G	EXIST	-	69	-	11B+Ex					UPGRADE TO 3 Ø HV
H	EXIST	-	59	-	11B+Ex					UPGRADE TO 3 Ø HV
I	EXIST	-	49	-	14B+Ex					UPGRADE TO 3 Ø HV
J	EXIST	-	60	-	11B+Ex					UPGRADE TO 3 Ø HV
K	EXIST	-	53	-	14B+Ex					UPGRADE TO 3 Ø HV
L	CONC	11/5.5	60	-	13B+13B+Ex					UPGRADE TO 3 Ø HV
M	EXIST	-	65	-	11B+Ex					UPGRADE TO 3 Ø HV
N	CONC	11/5.5	62	-	11B+Ex					UPGRADE TO 3 Ø HV
O	EXIST	-	62	-	11B+Ex					UPGRADE TO 3 Ø HV
P	EXIST	-	63	-	11B+Ex					UPGRADE TO 3 Ø HV
Q	EXIST	-	60	-	11B+Ex					UPGRADE TO 3 Ø HV
R	CONC	11/5.5	17	-	13B+13B+Ex					UPGRADE TO 3 Ø HV
S	EXIST	-	67	-	11B+Ex					UPGRADE TO 3 Ø HV
T	EXIST	-	70	-	11B+Ex					UPGRADE TO 3 Ø HV
1	CONC	11/5.5	55	-	13B+3B+REM					INSTALL 50kVA TRANSF
2	CONC	10.2/6	50	-	2B			1		STRING 3 Ø LV ONLY
3	CONC	10.2/6	40	-	1B					STRING 3 Ø LV ONLY
4	CONC	10.2/6	60	-	1B					STRING 3 Ø LV ONLY
5	CONC	10.2/6	55	-	1B					STRING 3 Ø LV ONLY
6	CONC	10.2/6	60	-	3B	1				STRING 3 Ø LV ONLY

[illegible]

DRAWN	KELEVI	13.09.1
CHECKED	VIKANT	19/9/1
CHIEF DRAUGHTSMAN	[Signature]	15/9/1
TEAM LEADER	[Signature]	19/9/1
ENGINEER	[Signature]	20/9/1
HEAD OF DEPARTMENT	[Signature]	

FIJI ELECTRICITY AUTHORITY

15 SUPPLY TO PROPOSED SUBDIVISION OF ALIPATE TAVAI
17 LAUTOKA DISTRICT
19 LOT: ND3244, VUDA AREA File No. G53/16

DRAWING NUMBER

A1	04	N53	235	0
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SCALE POINTS