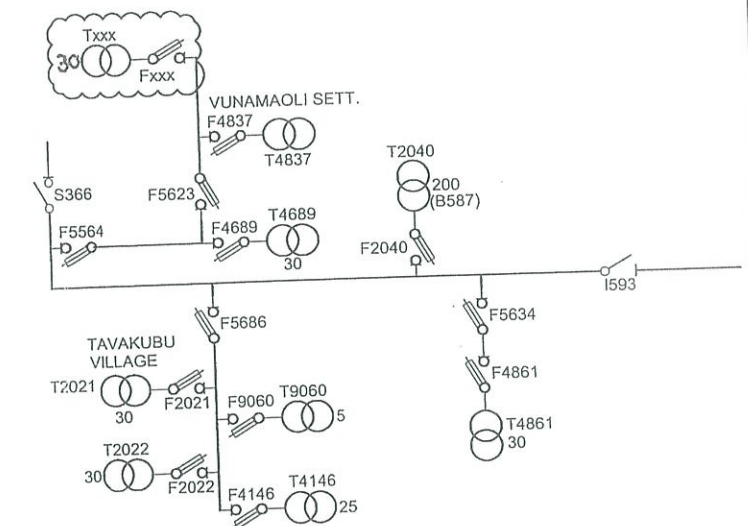


SINGLE LINE DIAGRAM

DRWG NO. 04 N20 055



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-13A				EXISTING T4837
B	EXIST.	EX	33	5	11A+EXIST				STRING 1 ϕ HV ONLY
C	EXIST.	EX	32	10	11A+5A+EXIST				" " " "
1	CONC.	10.2/6	45	4/-	11A+1A+3A	1			STRING 1 ϕ HV & 1 ϕ LV
1/1	CONC.	10.2/6	48	2	1A				STRING 1 ϕ LV ONLY
1/2	CONC.	10.2/6	29	-	3A	1			" " " "
2	CONC.	10.2/6	45	6/-	13A+13A+3A+1A	1			STRING 1 ϕ HV & 1 ϕ LV
2/1	CONC.	10.2/6	60	-	3A	1			STRING 1 ϕ LV ONLY
3	CONC.	11/5.5	36	3	13A+1A+REM	1			INSTALL 30kVA TRANSFORMER
4	CONC.	10.2/6	31	0	1A				STRING 1 ϕ LV ONLY
5	CONC.	10.2/6	35	-	3A	1			" " " "

FIJI ELECTRICITY AUTHORITY

SUPPLY TO VUNAMOLI SETTLEMENT
LAUTOKA DISTRICT
TAVAKUBU (LU04/16)

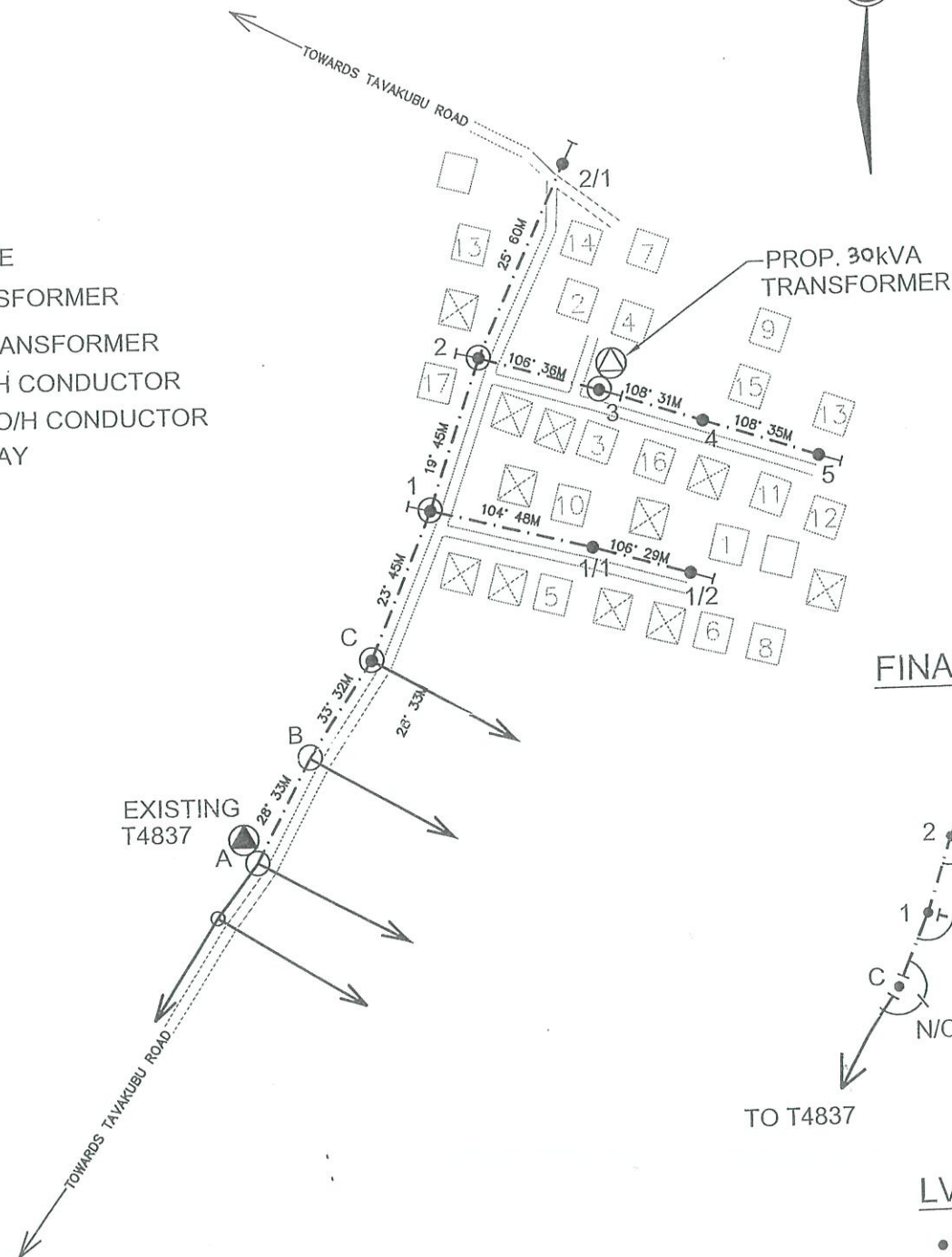
DRAWING NUMBER

A3 04 N83 128

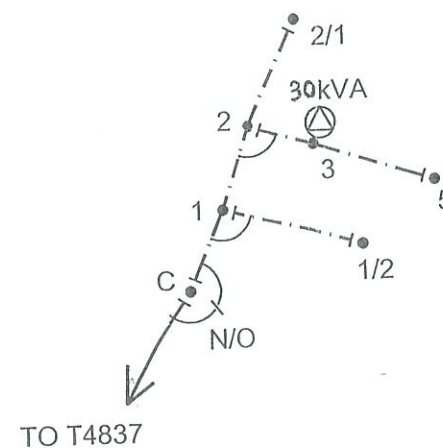
SCALE 1 : 2000

LEGEND

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



FINAL LV CIRCUIT



LV LEGEND

- TERMINATION POINT
- ⊙ BRIDGING POINT
- ⊕ STRAIN POINT
- ⊖ LV LINK
- ⊕ PROPOSED TRANSFORMER
- EXISTING O/H LINE
- - - STRING 2 x 7/3.75AAAC HELIUM

SCOPE OF WORK:

- ERECT 11m RC POLE AT LOCATION MARKED 3.
- ERECT 10.2m RC POLE AT LOCATIONS MARKED 1, 1/1, 1/2, 2, 2/2, 4 & 5.
- STRING 1 ϕ HV HELIUM CONDUCTOR FROM POLE MARKED A TO 3 VIA B, C, 1 & 2.
- INSTALL 30kVA TRANSFORMER AT LOCATION MARKED 3.
- STRING 1 ϕ LV HELIUM CONDUCTOR FROM POLE MARKED C TO 5 VIA POLE 1, 2, 3 & 4 AND FROM 1 TO 1/2 VIA 1/1 AND FROM 2 TO 2/1.
- CREATE N/O LV LINK AT POLE C.



DRAWN	JONE	13.02.18
CHECKED	DEEPAK	"
CHIEF DRAUGHTSMAN	RISHI K	13/02/18
TEAM LEADER DESIGN & PLANNING	Alenora	13/02/18
ENGINEER	Alenora	13/02/18
HEAD OF DEPARTMENT	Alenora	13/02/18

No.	REVISION	DATE	BY	CHK	PSD	APP
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0	ORIGINAL ISSUE SI LU04/16	13.02.18	JV			
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