

SHEET 1 OF 4

0	ORIGINAL ISSUE SI NA14/16	12.03.18	JV						
No.	REVISION	DATE	BY	CHK	PSD	APP			



DRAWN	JONE	13.03.18
CHECKED	DEEPAK	18.03.18
CHIEF DRAUGHTSMAN	JONE	18.03.18
TEAM LEADER DESIGN & PLANNING	Ritesh K	19/03/18
ENGINEER	Shenon	19/3/18
HEAD OF DEPARTMENT	Arjun	19/3/18

FIJI ELECTRICITY AUTHORITY

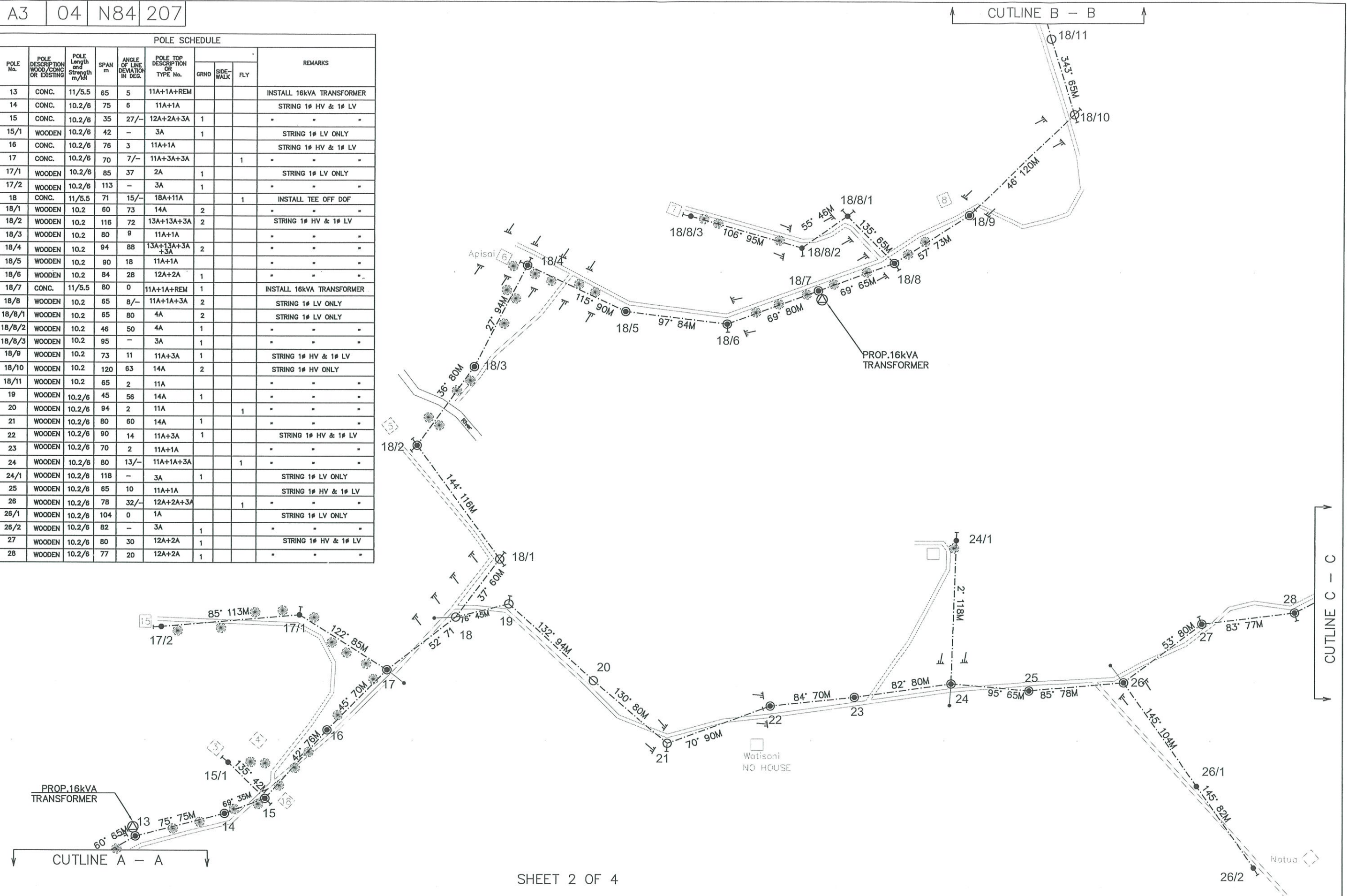
SUPPLY TO RATU MELI ROAD.
NADI DISTRICT
MULOMULO (NA14/16)

DRAWING NUMBER


A3 04 N84 207

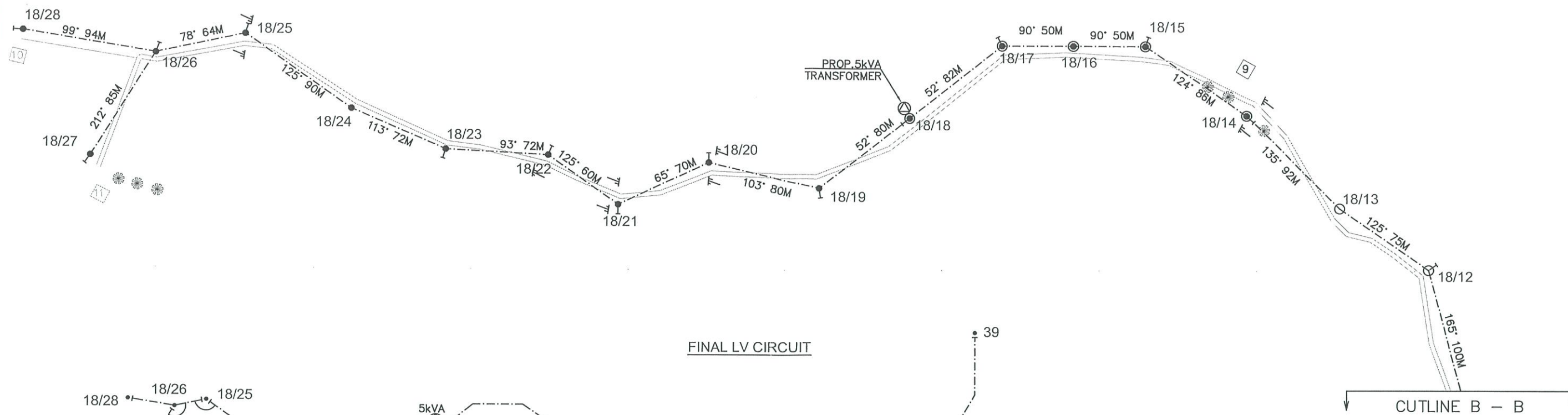
SCALE NTS

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 OF TYPE No.				REMARKS
						GRND	SIDE-WALK	FLY	
13	CONC.	11/5.5	65	5	11A+1A+REM				INSTALL 16kVA TRANSFORMER
14	CONC.	10.2/6	75	6	11A+1A				STRING 1 ϕ HV & 1 ϕ LV
15	CONC.	10.2/6	35	27/-	12A+2A+3A	1			" " "
15/1	WOODEN	10.2/6	42	-	3A	1			STRING 1 ϕ LV ONLY
16	CONC.	10.2/6	76	3	11A+1A				STRING 1 ϕ HV & 1 ϕ LV
17	CONC.	10.2/6	70	7/-	11A+3A+3A			1	" " "
17/1	WOODEN	10.2/6	85	37	2A	1			STRING 1 ϕ LV ONLY
17/2	WOODEN	10.2/6	113	-	3A	1			" " "
18	CONC.	11/5.5	71	15/-	18A+11A			1	INSTALL TEE OFF DOF
18/1	WOODEN	10.2	60	73	14A	2			" " "
18/2	WOODEN	10.2	116	72	13A+13A+3A	2			STRING 1 ϕ HV & 1 ϕ LV
18/3	WOODEN	10.2	80	9	11A+1A				" " "
18/4	WOODEN	10.2	94	88	13A+13A+3A+3A	2			" " "
18/5	WOODEN	10.2	90	18	11A+1A				" " "
18/6	WOODEN	10.2	84	28	12A+2A	1			" " "
18/7	CONC.	11/5.5	80	0	11A+1A+REM	1			INSTALL 16kVA TRANSFORMER
18/8	WOODEN	10.2	65	8/-	11A+1A+3A	2			STRING 1 ϕ LV ONLY
18/8/1	WOODEN	10.2	65	80	4A	2			STRING 1 ϕ LV ONLY
18/8/2	WOODEN	10.2	46	50	4A	1			" " "
18/8/3	WOODEN	10.2	95	-	3A	1			" " "
18/9	WOODEN	10.2	73	11	11A+3A	1			STRING 1 ϕ HV & 1 ϕ LV
18/10	WOODEN	10.2	120	63	14A	2			STRING 1 ϕ HV ONLY
18/11	WOODEN	10.2	65	2	11A				" " "
19	WOODEN	10.2/6	45	56	14A	1			" " "
20	WOODEN	10.2/6	94	2	11A			1	" " "
21	WOODEN	10.2/6	80	60	14A	1			" " "
22	WOODEN	10.2/6	90	14	11A+3A	1			STRING 1 ϕ HV & 1 ϕ LV
23	WOODEN	10.2/6	70	2	11A+1A				" " "
24	WOODEN	10.2/6	80	13/-	11A+1A+3A			1	" " "
24/1	WOODEN	10.2/6	118	-	3A	1			STRING 1 ϕ LV ONLY
25	WOODEN	10.2/6	65	10	11A+1A				STRING 1 ϕ HV & 1 ϕ LV
26	WOODEN	10.2/6	78	32/-	12A+2A+3A			1	" " "
26/1	WOODEN	10.2/6	104	0	1A				STRING 1 ϕ LV ONLY
26/2	WOODEN	10.2/6	82	-	3A	1			" " "
27	WOODEN	10.2/6	80	30	12A+2A	1			STRING 1 ϕ HV & 1 ϕ LV
28	WOODEN	10.2/6	77	20	12A+2A	1			" " "



SHEET 2 OF 4

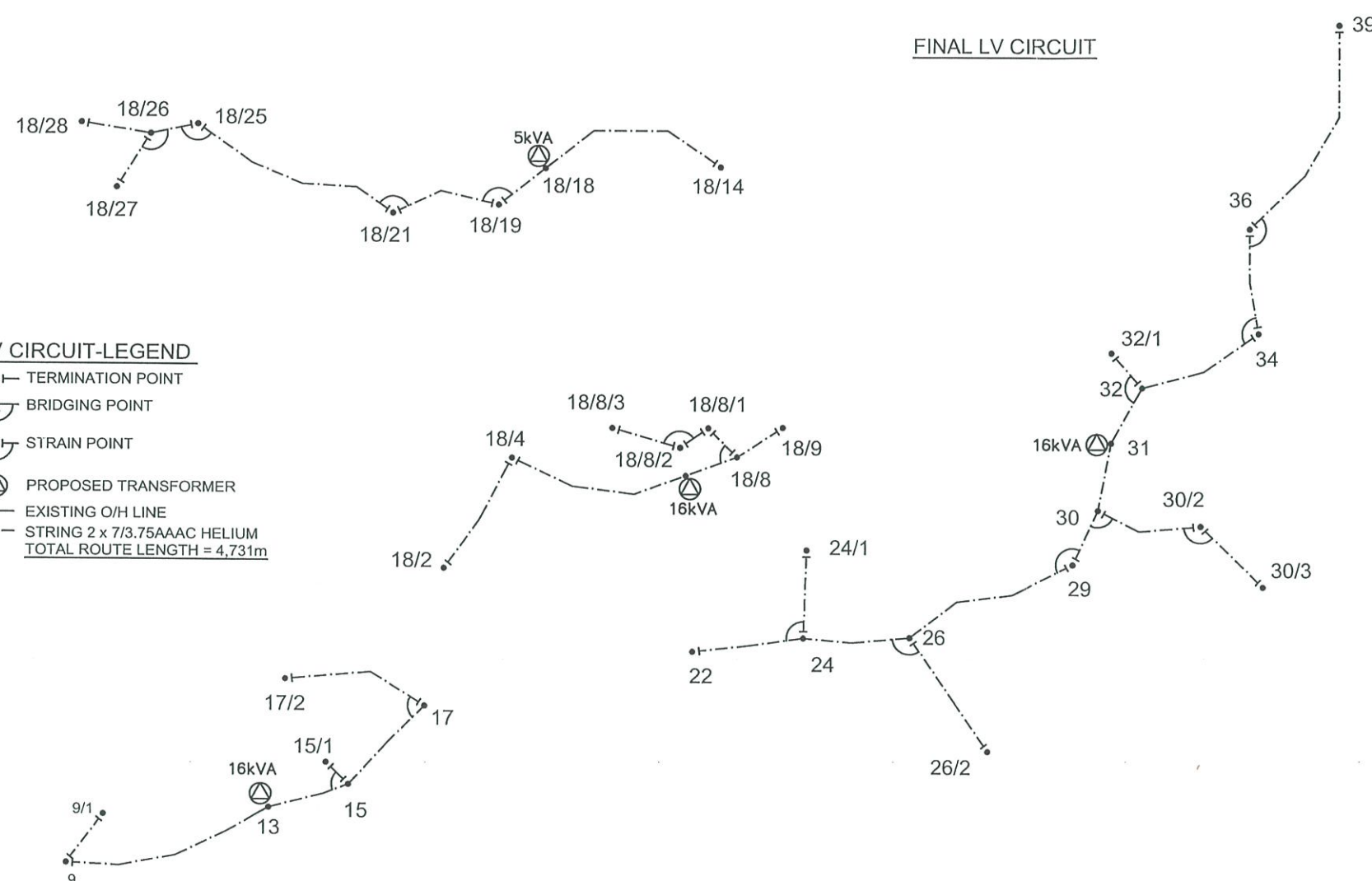
									DRAWN	JONE	13.03.18	FIJI ELECTRICITY AUTHORITY				
									CHECKED	DEPAK	18-03-18					
									CHIEF DRAUGHTSMAN	JONE	18-03-18	SUPPLY TO RATU MELI ROAD. NADI DISTRICT MULOMULO (NA14/16)			DRAWING NUMBER	
									TEAM LEADER DESIGN & PLANNING	Ritesh.k	18/3/18				A3	04
	0	ORIGINAL ISSUE SI NA14/16	12.03.18	JV					ENGINEER	Jlenea	14/3/18	SCALE NTS				
	No.	REVISION	DATE	BY	CHK	PSD	APP	HEAD OF DEPARTMENT	Aswani M. S.	14/3/18						



FINAL LV CIRCUIT

LV CIRCUIT-LEGEND

- TERMINATION POINT
 - BRIDGING POINT
 - STRAIN POINT
 - ⊙ PROPOSED TRANSFORMER
 - EXISTING O/H LINE
 - STRING 2 x 7/3.75AAAC HELIUM
- TOTAL ROUTE LENGTH = 4,731m



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
18/12	WOODEN	10.2	100	40	14A	1			STRING 1# HV ONLY
18/13	WOODEN	10.2	75	10	11A				" " "
18/14	WOODEN	10.2	92	11	11A+3A	1			STRING 1# HV & 1# LV
18/15	WOODEN	10.2	86	34	12A+2A	1			" " "
18/16	WOODEN	10.2	50	0	11A+1A	1			" " "
18/17	WOODEN	10.2	50	38	12A+2A	1			" " "
18/18	CONC.	11/5.5	82	0	13A+1A+REM	1			INSTALL 5kVA TRANSFORMER
18/19	WOODEN	10.2	80	51	4A	1			STRING 1# LV ONLY
18/20	WOODEN	10.2	80	38	2A	1			" " "
18/21	WOODEN	10.2	70	60	4A	1			" " "
18/22	WOODEN	10.2	60	32	2A	1			" " "
18/23	WOODEN	10.2	72	20	2A	1			" " "
18/24	WOODEN	10.2	72	12	1A				" " "
18/25	WOODEN	10.2	90	48	4A	1			" " "
18/26	WOODEN	10.2	64	21/-	2A+3A	1			" " "
18/27	WOODEN	10.2	85	-	3A	1			" " "
18/28	WOODEN	10.2	94	-	3A	1			" " "

SHEET 3 OF 4

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TEAM LEADER DESIGN & PLANNING	Ritesh	18/3/18
ENGINEER	V. L. D. D. S.	19/3/18
HEAD OF DEPARTMENT	...	19/3/18

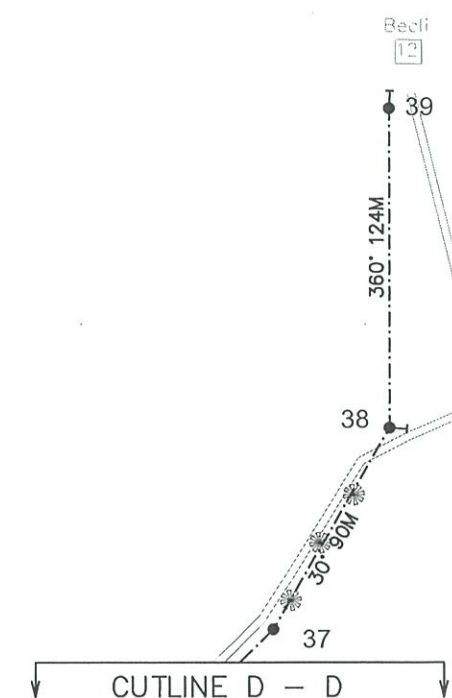
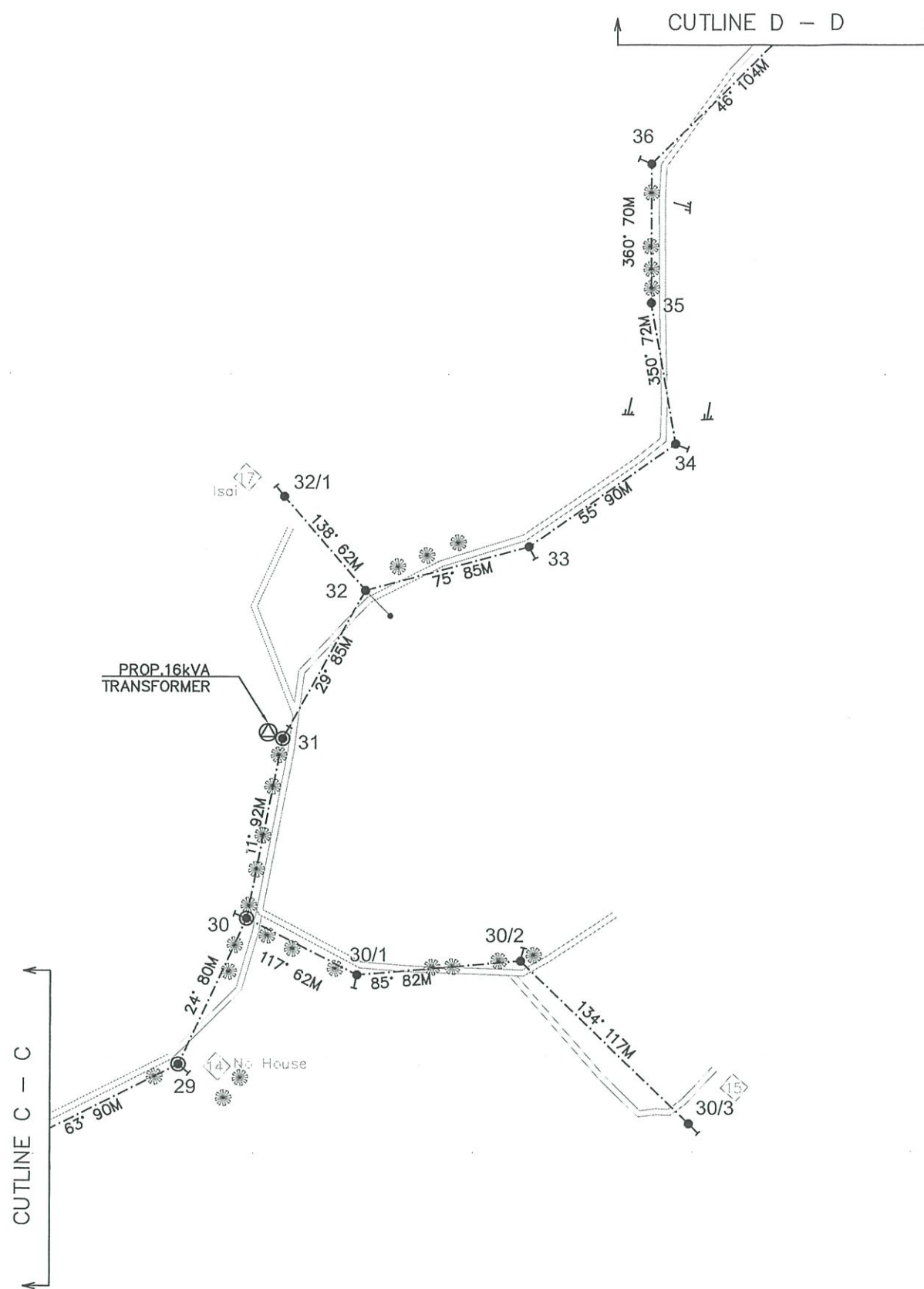
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29	WOODEN	10.2	90	39	14A+4A	1			STRING 1# HV & 1# LV
30	WOODEN	10.2	80	13/-	11A+1A+3A	1			" " "
30/1	WOODEN	10.2	62	32	2A	1			STRING 1# LV ONLY
30/2	WOODEN	10.2	82	49	4A	1			" " "
30/3	WOODEN	10.2	117	-	3A	1			" " "
31	CONC.	11/5.5	92	18	13A+1A+REM	1			INSTALL 16kVA TRANSFORMER
32	WOODEN	10.2	85	10/-	1A+3A			1	STRING 1# LV ONLY
32/1	WOODEN	10.2	62	-	3A	1			" " "
33	WOODEN	10.2	85	20	2A	1			" " "
34	WOODEN	10.2	90	65	4A	1			" " "
35	WOODEN	10.2	72	10	1A				" " "
36	WOODEN	10.2	70	46	4A	1			" " "
37	WOODEN	10.2	104	16	1A				" " "
38	WOODEN	10.2	90	30	2A	1			" " "
39	WOODEN	10.2	124	-	3A	1			" " "

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ENGINEER	11/3/18	
HEAD OF DEPARTMENT	19/3/18	

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NADI DISTRICT
MULOMULO (NA14/16)

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