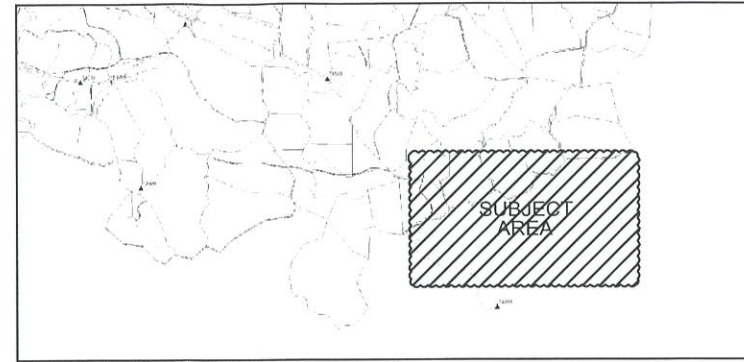


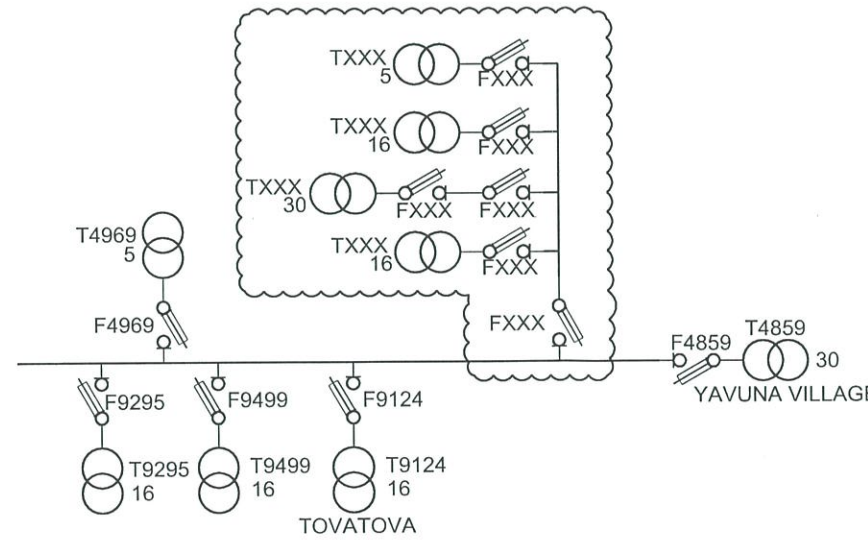
LOCALITY PLAN



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

SINGLE LINE DIAGRAM:
DRWG No. : 04 N30 012



POLE SCHEDULE

POLE NO	POLE DESCRIPTION (WOOD, CONC OR EXISTING)	POLE LENGTH & STRENGTH (m/kN)	SPAN (m)	ANGLE OF LINE DEVIATION (°)	POLE DRESSING	STAYS			REMARKS
						GRND	FLY	GRND & FLY	
A	CONC.	11/5.5	-	-	EXIST+18A				INSTALL DOF
1	CONC.	10.2/6	74	24	12A		1		STRING 1φ HV ONLY
2	"	"	64	13	11A				"
3	"	"	84	38	14A	1			"
4	"	"	90	34	12A	1			"
5	"	"	61	29	12A	1			"
6	"	"	90	39	12A	1			"
7	"	"	81	70	14A	1			"
8	"	"	96	2	11A				"
9	"	"	100	37	12A	1			"
10	"	"	94	-	11A				"
11	"	"	75	24	12A	1			"
12	"	11/5.5	66	36	14A	2			"
13	"	10.2/6	120	37	14A	2			"
14	"	11/5.5	120	29	14A	2			"
15	"	10.2/6	90	1	11A				"
16	"	"	97	2	11A				"
17	"	"	111	8	11A				"
18	"	"	129	8	11A				"
19	"	"	123	16	11A				"
20	"	"	80	2	11A				"
21	"	"	81	21	14A	2			"
22	"	"	100	4	11A				"
23	"	"	105	3	11A				"
24	"	11/5.5	83	13	11A				"
25	"	"	132	25	14A		1		"

SHEET 1 OF 4

DRAWN	SHANE	03.03.18
CHECKED	SHANDIL	19.03.18
CHIEF DRAUGHTSMAN	KELEVI	19.03.18
TEAM LEADER	RITESH	19.03.18
ENGINEER	JLENOA	19.03.18
HEAD OF DEPARTMENT	BASANT	19.03.18

FIJI ELECTRICITY AUTHORITY

SUPPLY TO NAUSORI HIGHLANDS
NADI DISTRICT
NAUSORI AREA(NA25-05)

DRAWING NUMBER

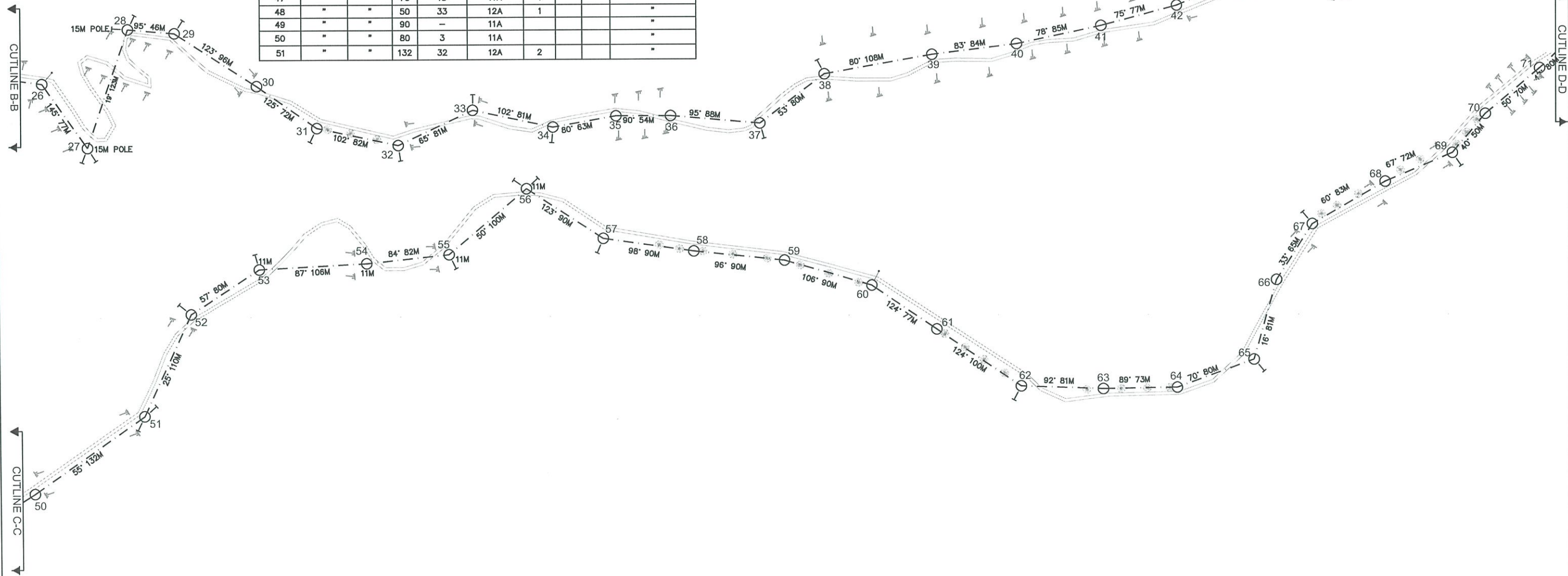
A1 04 N54 386

SCALE NTS

No.	REVISION	DATE	BY	CHK	PSD	APP	REFERENCE	DRAWING No.	TITLE
0	ORIGINAL ISSUE	03.03.18	SK						

POLE SCHEDULE									
POLE NO	POLE DESCRIPTION (WOOD, CONC OR EXISTING)	POLE LENGTH & STRENGTH (m/kN)	SPAN (m)	ANGLE OF LINE DEVIATION (°)	POLE DRESSING	STAYS			REMARKS
						GRND	FLY	GRND & FLY	
26	CONC.	10.2/6	76	47	14A		1		STRING 1φ HV ONLY
27	"	15	77	126	13A+13A	2			"
28	"	"	123	76	13A+13A	2			"
29	"	10.2/6	46	28	12A	1			"
30	"	"	96	2	11A				"
31	"	"	72	23	12A	1			"
32	"	"	82	37	12A	1			"
33	"	"	81	37	14A	1			"
34	"	"	81	22	12A	1			"
35	"	"	63	10	11A				"
36	"	"	54	5	11A				"
37	"	"	88	42	14A	1			"
38	"	"	80	27	12A	1			"
39	"	"	108	3	11A				"
40	"	"	84	5	11A				"
41	"	"	85	3	11A				"
42	"	"	77	7	11A				"
43	"	"	67	25	12A	1			"
44	"	"	94	81	13A+13A	2			"
45	"	"	73	9	11A				"
46	"	"	77	11	11A				"
47	"	"	76	15	11A	1			"
48	"	"	50	33	12A	1			"
49	"	"	90	—	11A				"
50	"	"	80	3	11A				"
51	"	"	132	32	12A	2			"

POLE SCHEDULE									
POLE NO	POLE DESCRIPTION (WOOD, CONC OR EXISTING)	POLE LENGTH & STRENGTH (m/kN)	SPAN (m)	ANGLE OF LINE DEVIATION (°)	POLE DRESSING	STAYS			REMARKS
						GRND	FLY	GRND & FLY	
52	CONC.	10.2/6	110	32	14A	1			STRING 1φ HV ONLY
53	"	11/5.5	80	30	12A	1			"
54	"	"	106	3	11A				"
55	"	"	82	34	12A	1			"
56	"	"	100	73	13A+13A	2			"
57	"	10.2/6	90	25	12A	1			"
58	"	"	90	2	11A				"
59	"	"	90	10	11A				"
60	"	"	90	18	12A		1		"
61	"	"	77	—	11A				"
62	"	"	100	32	14A	1			"
63	"	"	81	3	11A				"
64	"	"	73	7	11A				"
65	"	"	80	54	14A	1			"
66	"	"	81	17	11A				"
67	"	"	65	27	12A	1			"
68	"	"	83	7	11A				"
69	"	"	72	27	12A	1			"
70	"	"	40	10	11A				"
71	"	"	70	53	11A				"



REVISION		DATE		BY		CHK		PSD		APP	
0	ORIGINAL ISSUE	03.03.18	SK								
No.	REVISION	DATE	BY	CHK	PSD	APP					

REFERENCE

CAD FILENAME
DRAWING No.

TITLE

SHEET 2 OF 4

DRAWN	SHANE	03.03.18
CHECKED	SHANDIL	19.03.18
CHIEF DRAUGHTSMAN	KELEVI	19.03.18
TEAM LEADER	RITESH	19.03.18
ENGINEER	JLENOA	19.03.18
HEAD OF DEPARTMENT	BASANT	19.03.18

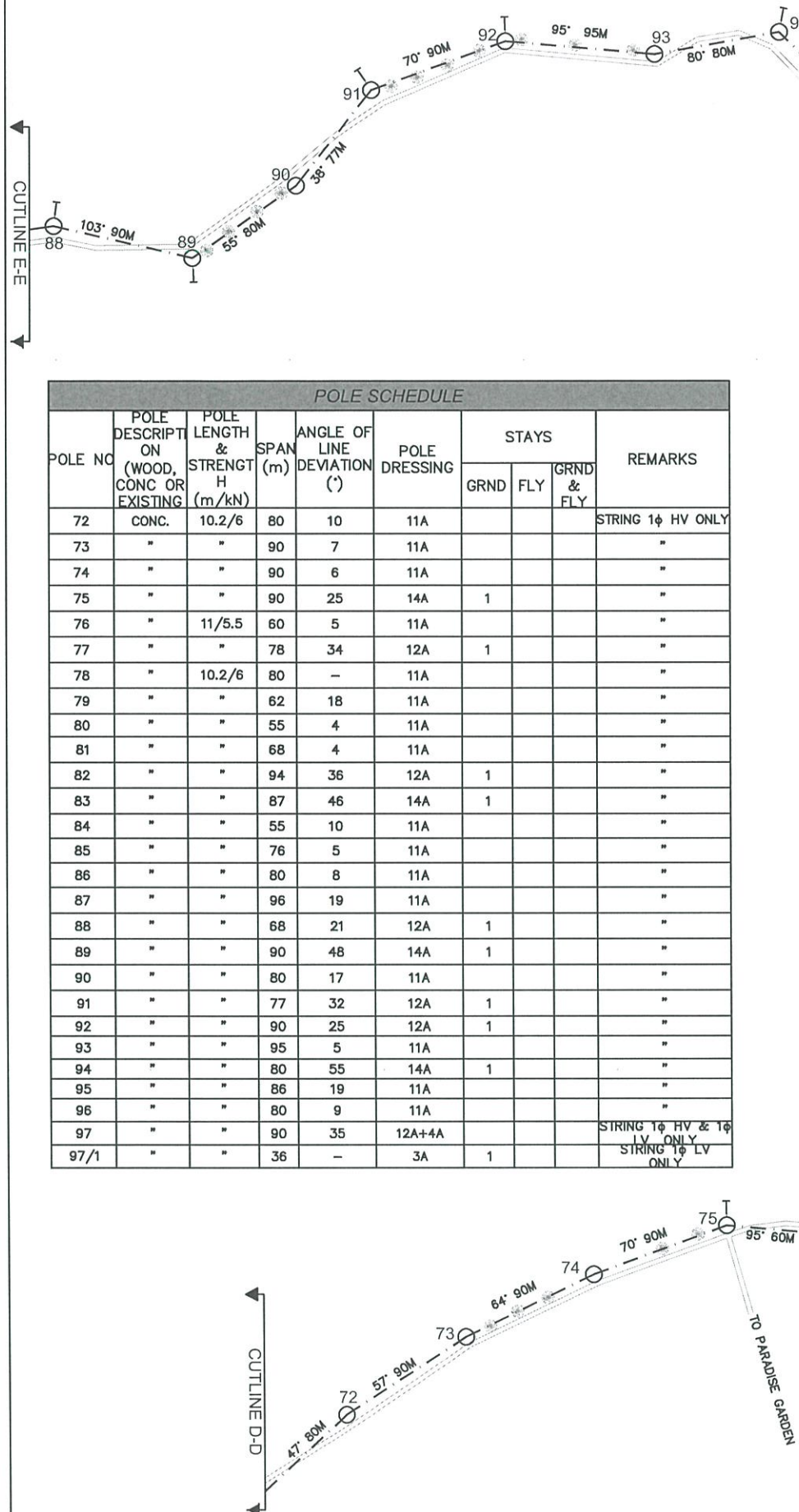
FIJI ELECTRICITY AUTHORITY

SUPPLY TO NAUSORI HIGHLANDS
NADI DISTRICT
NAUSORI AREA(NA25-05)

DRAWING NUMBER

A1 04 N54 386

SCALE NTS



POLE SCHEDULE									
POLE NO	POLE DESCRIPTION (WOOD, CONC OR EXISTING)	POLE LENGTH & STRENGTH (m/kN)	SPAN (m)	ANGLE OF LINE DEVIATION (°)	POLE DRESSING	STAYS			REMARKS
						GRND	FLY	GRND & FLY	
72	CONC.	10.2/6	80	10	11A				STRING 1φ HV ONLY
73	"	"	90	7	11A				"
74	"	"	90	6	11A				"
75	"	"	90	25	14A	1			"
76	"	11/5.5	60	5	11A				"
77	"	"	78	34	12A	1			"
78	"	10.2/6	80	—	11A				"
79	"	"	62	18	11A				"
80	"	"	55	4	11A				"
81	"	"	68	4	11A				"
82	"	"	94	36	12A	1			"
83	"	"	87	46	14A	1			"
84	"	"	55	10	11A				"
85	"	"	76	5	11A				"
86	"	"	80	8	11A				"
87	"	"	96	19	11A				"
88	"	"	68	21	12A	1			"
89	"	"	90	48	14A	1			"
90	"	"	80	17	11A				"
91	"	"	77	32	12A	1			"
92	"	"	90	25	12A	1			"
93	"	"	95	5	11A				"
94	"	"	80	55	14A	1			"
95	"	"	86	19	11A				"
96	"	"	80	9	11A				"
97	"	"	90	35	12A+4A				STRING 1φ HV & 1φ LV ONLY
97/1	"	"	36	—	3A	1			STRING 1φ LV ONLY

FORESTRY DEPARTMENT

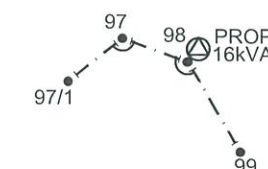
PROPOSED 16kVA TXF

POLE SCHEDULE									
POLE NO	POLE DESCRIPTION (WOOD, CONC OR EXISTING)	POLE LENGTH & STRENGTH (m/kN)	SPAN (m)	ANGLE OF LINE DEVIATION (°)	POLE DRESSING	STAYS			REMARKS
						GRND	FLY	GRND & FLY	
98	CONC.	10.2/6	36	40	12A+2A	1			STRING 1φ HV & 1φ LV ONLY
99	"	11/5.5	54	20	11A+3A+REM	1			INSTALL 16kVA TXF
100	"	10.2/6	102	40	14A	2			STRING 1φ HV ONLY
101	"	"	88	2	11A				"
102	"	"	94	2	11A				"
103	"	"	90	2	11A				"
104	"	"	95	12	11A				"
105	"	"	70	5	11A				"
106	"	"	91	28	14A	1			"
107	"	"	85	5	11A				"
108	"	"	95	-	11A				"
109	"	"	86	-	11A				"

FINAL - LV CIRCUIT

LEGEND - LV CIRCUIT

- PROP. TRANSFORMER
- LV POLES ONLY
- TERMINATION POINT
- BRIDGING POINT
- STRAIN POINT
- STRING 2 x 7/3.75AAAC HELIUM
TOTAL ROUTE LENGTH = 126m



REFERENCE		DRAWING No.		TITLE	
0	ORIGINAL ISSUE	03.03.18	SK		
No.	REVISION	DATE	BY	CHK	PSD APP

SHEET 3 OF 4

DRAWN	SHANE	03.03.18
CHECKED	SHANDIL	19.03.18
CHIEF DRAUGHTSMAN	KELEVI	19.03.18
TEAM LEADER	RITESH	19.03.18
ENGINEER	J.LENOA	19.03.18
HEAD OF DEPARTMENT	BASANT	19.03.18

FIJI ELECTRICITY AUTHORITY

SUPPLY TO NAUSORI HIGHLANDS
NADI DISTRICT
NAUSORI AREA(NA25-05)

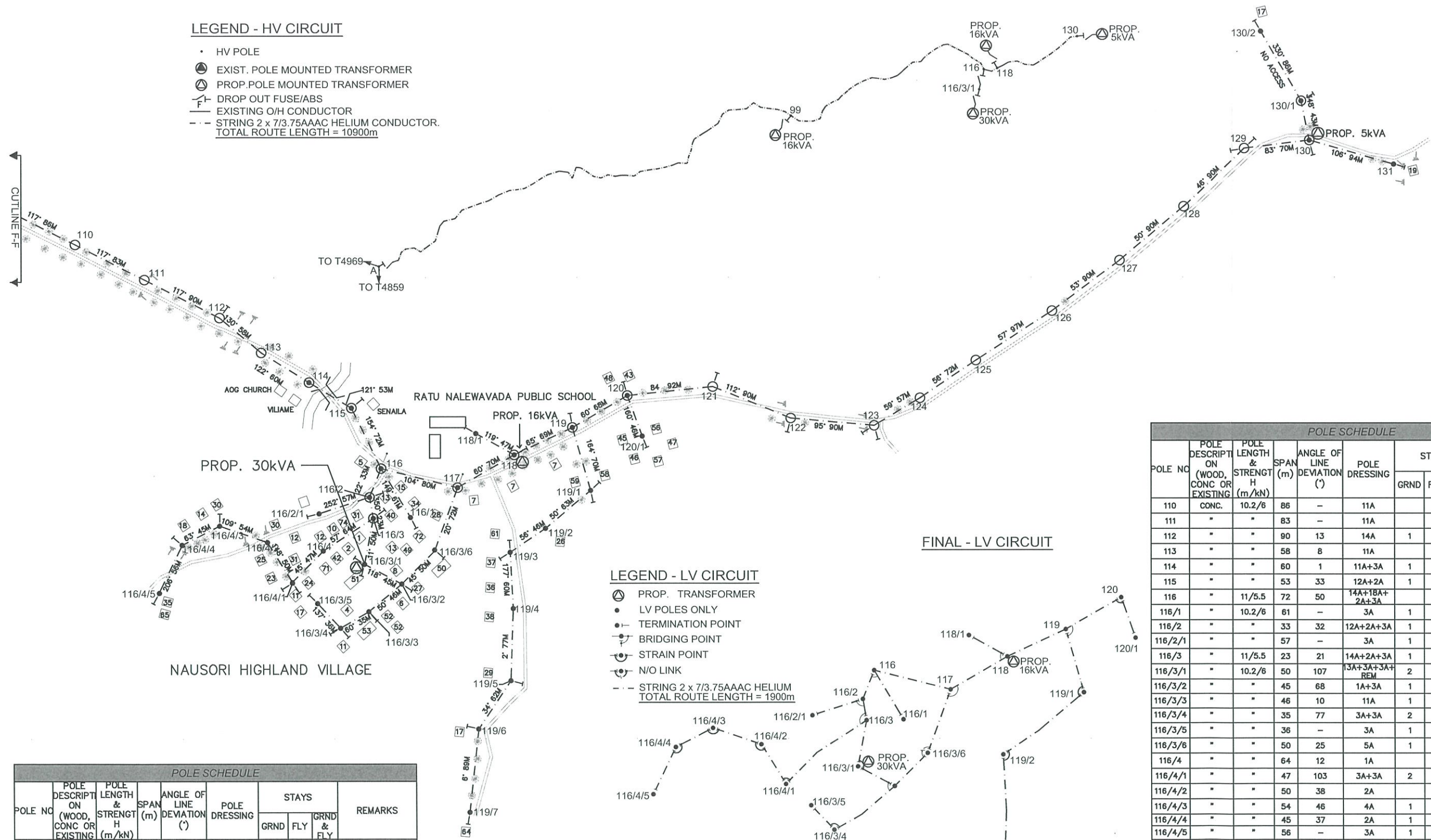
DRAWING NUMBER

A1 04 N54 386

SCALE NTS

LEGEND - HV CIRCUIT

- HV POLE
 - ⊙ EXIST. POLE MOUNTED TRANSFORMER
 - ⊙ PROP. POLE MOUNTED TRANSFORMER
 - ⊙ DROP OUT FUSE/ABS
 - EXISTING O/H CONDUCTOR
 - STRING 2 x 7/3.75AAAC HELIUM CONDUCTOR.
- TOTAL ROUTE LENGTH = 10900m



LEGEND - LV CIRCUIT

- ⊙ PROP. TRANSFORMER
 - LV POLES ONLY
 - TERMINATION POINT
 - BRIDGING POINT
 - STRAIN POINT
 - N/O LINK
 - STRING 2 x 7/3.75AAAC HELIUM
- TOTAL ROUTE LENGTH = 1900m

FINAL - LV CIRCUIT

POLE SCHEDULE									
POLE NO	POLE DESCRIPTI ON (WOOD, CONC OR EXISTING	POLE LENGTH & STRENGT H (m/kN)	SPAN (m)	ANGLE OF LINE DEVIATION (°)	POLE DRESSING	STAYS			REMARKS
						GRND	FLY	GRND & FLY	
122	CONC.	10.2/6	90	17	12A	1			STRING 1φ HV ONLY
123	"	"	90	36	14A	2			"
124	"	"	57	3	11A				"
125	"	"	72	1	11A				"
126	"	"	97	4	11A				"
127	"	"	90	3	11A				"
128	"	"	90	4	11A				"
129	"	"	90	37	14A	2			"
130	"	11/5.5	70	23	13A+3A+3A+ REM	1			INSTALL 5kVA Txf
130/1	"	10.2/6	43	18	2A	1			STRING 1φ LV ONLY
130/2	"	"	86	—	3A	1			"
131	"	"	94	—	3A	1			"

POLE SCHEDULE									
POLE NO	POLE DESCRIPTION (WOOD, CONC OR EXISTING)	POLE LENGTH & STRENGTH (m/kN)	SPAN (m)	ANGLE OF LINE DEVIATION (°)	POLE DRESSING	STAYS			REMARKS
						GRND	FLY	GRND & FLY	
110	CONC.	10.2/6	86	—	11A				STRING 1 HV ONLY
111	"	"	83	—	11A				"
112	"	"	90	13	14A	1			"
113	"	"	58	8	11A				"
114	"	"	60	1	11A+3A	1			"
115	"	"	53	33	12A+2A	1			"
116	"	11/5.5	72	50	14A+18A+2A+3A			1	INSTALL DOF
116/1	"	10.2/6	61	—	3A	1			STRING 1 LV ONLY
116/2	"	"	33	32	12A+2A+3A	1			STRING 1 HV & 1 LV ONLY
116/2/1	"	"	57	—	3A	1			STRING 1 LV ONLY
116/3	"	11/5.5	23	21	14A+2A+3A	1			STRING 1 HV & 1 LV ONLY
116/3/1	"	10.2/6	50	107	13A+3A+3A+REM	2			INSTALL 30kVA TXF
116/3/2	"	"	45	68	1A+3A	1			STRING 1 LV ONLY
116/3/3	"	"	46	10	11A	1			"
116/3/4	"	"	35	77	3A+3A	2			"
116/3/5	"	"	36	—	3A	1			"
116/3/6	"	"	50	25	5A	1			INSTALL N/O LINK
116/4	"	"	64	12	1A				STRING 1 LV ONLY
116/4/1	"	"	47	103	3A+3A	2			"
116/4/2	"	"	50	38	2A				"
116/4/3	"	"	54	46	4A	1			"
116/4/4	"	"	45	37	2A	1			"
116/4/5	"	"	56	—	3A	1			"
117	"	"	80	44	14A+4A			1	STRING 1 HV & 1 LV ONLY
118	"	11/5.5	70	5	11A+1A+REM			1	INSTALL 16kVA TXF
118/1	"	10.2/6	47	—	3A	1			STRING 1 LV ONLY
119	"	"	69	5	11A+1A+3A	1			STRING 1 HV & 1 LV ONLY
119/1	"	"	70	114	3A+3A	2			STRING 1 LV ONLY
119/2	"	"	63	6	1A				"
119/3	"	"	46	12A	3A+3A	2			"
119/4	"	"	60	5	1A				"
119/5	"	"	77	32	2A	1			"
119/6	"	"	62	28	2A	1			"
119/7	"	"	89	—	3A	1			"
120	"	"	68	24	12A+3A+3A	1			STRING 1 HV & 1 LV ONLY
120/1	"	"	46	—	3A	1			STRING 1 LV ONLY
121	"	"	92	28	14A	1			STRING 1 HV ONLY

REFERENCE						CAD FILENAME	DRAWING No.	TITLE
0	ORIGINAL ISSUE	03.03.18	SK					
No.	REVISION	DATE	BY	CHK	PSD	APP		

SHEET 4 OF 4

DRAWN	SHANE	03.03.18
CHECKED	SHANDIL	19.03.18
CHIEF DRAUGHTSMAN	KELEVI	19.03.18
TEAM LEADER	RITESH	19.03.18
ENGINEER	JLENOA	19.03.18
HEAD OF DEPARTMENT	BASANT	19.03.18

FIJI ELECTRICITY AUTHORITY

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NADI DISTRICT
NAUSORI AREA(NA25-05)

DRAWING NUMBER

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SCALE NTS