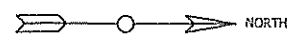
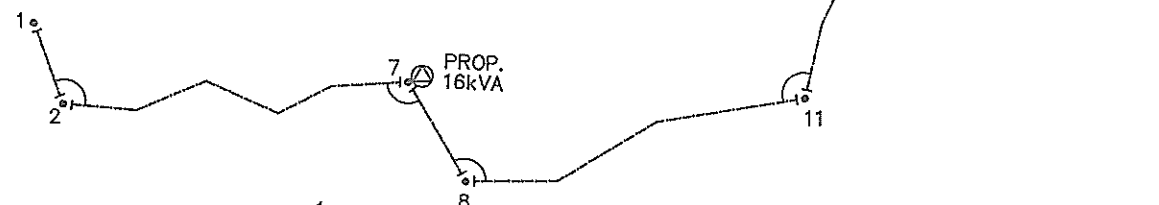


FINAL LV CIRCUIT

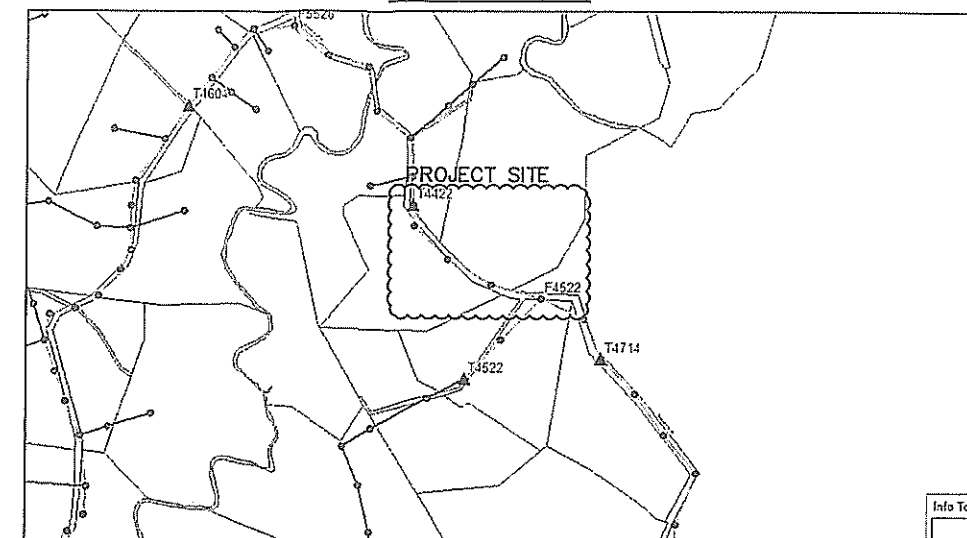


LEGEND

- TERMINATION POINT
- BRIDGING POINT
- STRAIN POINT
- ⊙ PROPOSED TRANSFORMER
- EXISTING O/H LINE
- STRING 2 x 7/3.75AAAC HELIUM
- TOTAL ROUTE LENGTH = 2023m



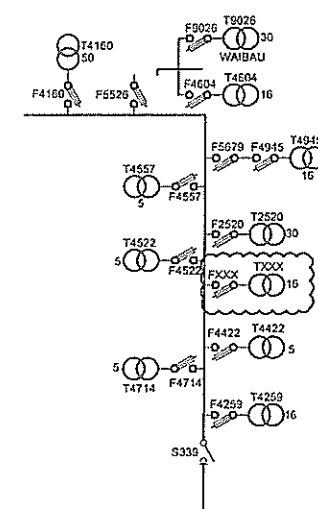
LOCALITY PLAN(NTS)



FINAL HV CIRCUIT

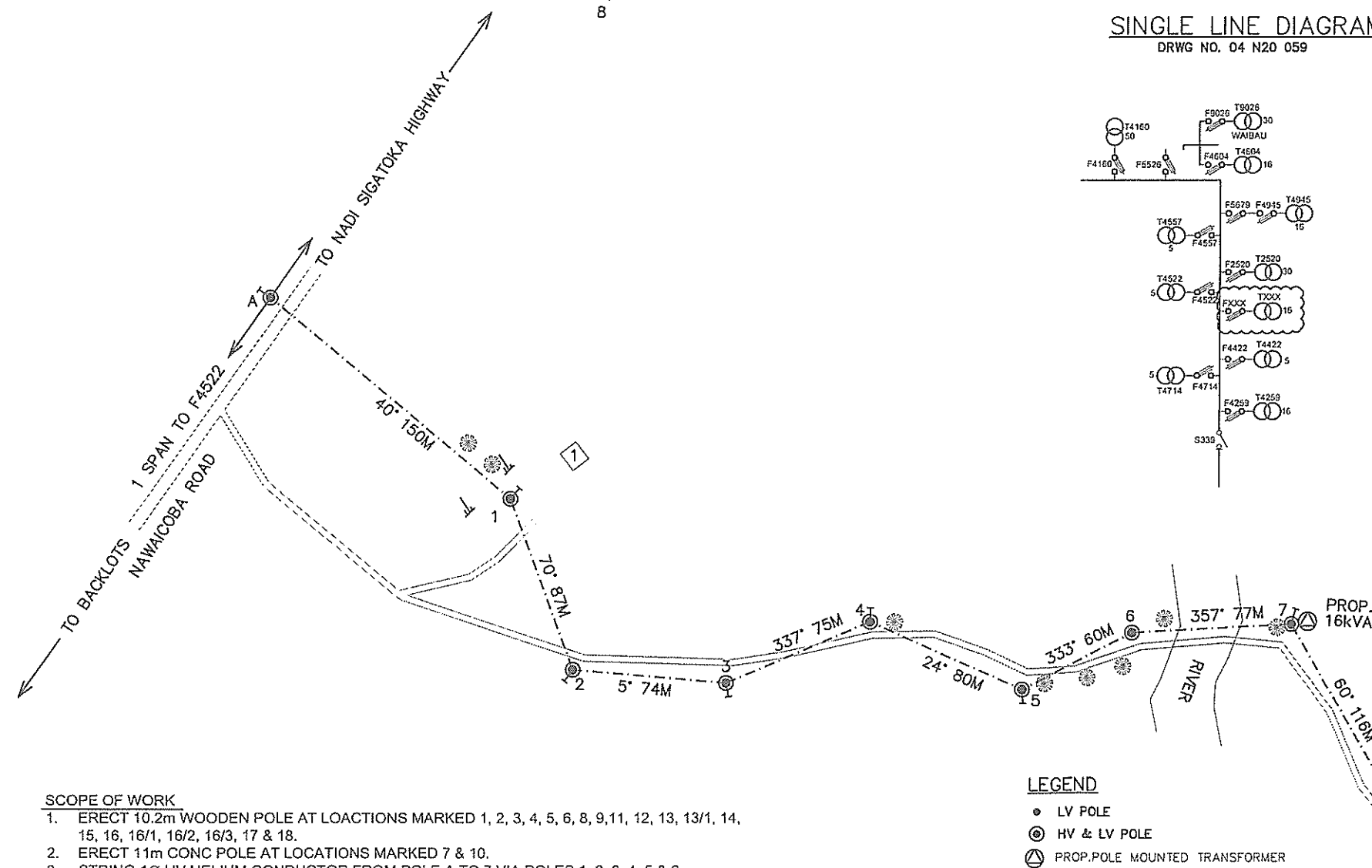
SINGLE LINE DIAGRAM

DRWG NO. 04 N20 059



LEGEND

- ⊙ HV POLE
- ⊙ PROPOSED TRANSFORMERS
- DROP OUT FUSE
- EXISTING O/H CONDUCTOR
- STRING HV 2 x 7/3.75AAAC HELIUM CONDUCTOR
- TOTAL ROUTE LENGTH= 603m



SCOPE OF WORK

1. ERECT 10.2m WOODEN POLE AT LOCATIONS MARKED 1, 2, 3, 4, 5, 6, 8, 9, 11, 12, 13, 13/1, 14, 15, 16, 16/1, 16/2, 16/3, 17 & 18.
2. ERECT 11m CONC POLE AT LOCATIONS MARKED 7 & 10.
3. STRING 1Ø HV HELIUM CONDUCTOR FROM POLE A TO 7 VIA POLES 1, 2, 3, 4, 5 & 6.
4. INSTALL 1 x 16kVA TXF AT POLE 7.
5. STRING 1Ø LV HELIUM CONDUCTOR FROM POLE 1 TO 18 VIA POLES 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 13/1, 14, 15, 16, 16/1, 16/2, 16/3, 17 & 18.

LEGEND

- LV POLE
- ⊙ HV & LV POLE
- ⊙ PROP. POLE MOUNTED TRANSFORMER
- EXISTING O/H CONDUCTOR
- PROPOSED O/H CONDUCTOR
- GROUND STAY
- FLY STAY

NITYA NAND

0	ORIGINAL ISSUE FOR SI No.XXXXXX	11.10.17	JV	REFERENCE	CAD FILENAME	C:\PROJECTS\XXXX\XXXX.DWG
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DRAWN	JONE	12.10.17
CHECKED	Kaushal	02/11/17
CHIEF DRAUGHTSMAN	Rafish.L	02/11/17
TEAM LEADER		
ENGINEER		

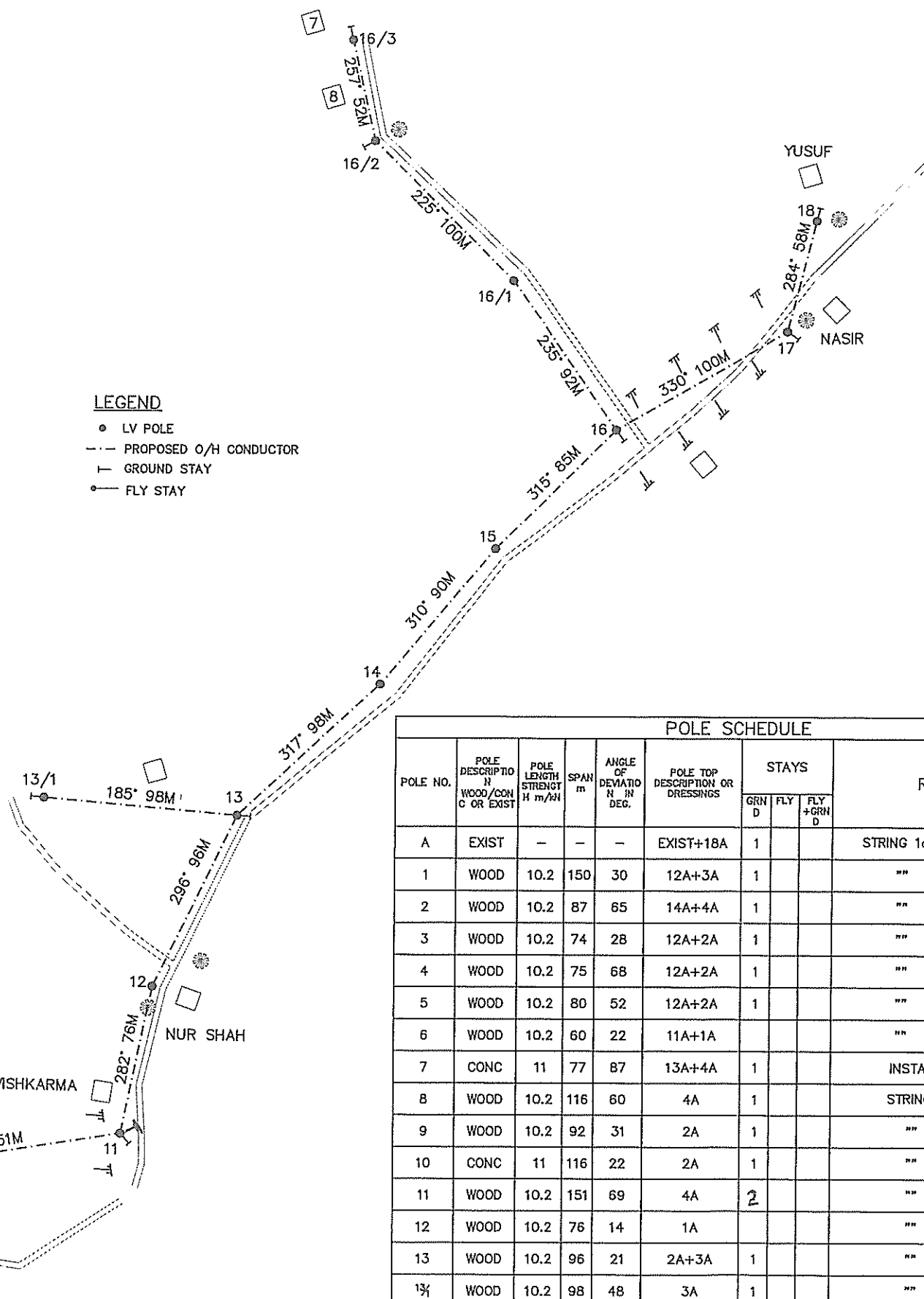
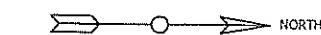
FIJI ELECTRICITY AUTHORITY

ELECTRICITY SUPPLY TO NAWAICOBA
NADI DISTRICT
NAWAICOBA (NA01/13)

DRAWING NUMBER

A2 04 N84 200

SCALE 1 : 2000



POLE SCHEDULE									
POLE NO.	POLE DESCRIPTION WOOD/CONC OR EXIST	POLE LENGTH STRENGTH H m/H	SPAN m	ANGLE OF DEVIATION IN DEG.	POLE TOP DESCRIPTION OR DRESSINGS	STAYS			REMARKS
						GRN D	FLY	FLY +GRN D	
A	EXIST	—	—	—	EXIST+18A	1			STRING 1φ HV & LV HELIUM
1	WOOD	10.2	150	30	12A+3A	1			20.20 20.20 20.20 20.20
2	WOOD	10.2	87	65	14A+4A	1			20.20 20.20 20.20 20.20
3	WOOD	10.2	74	28	12A+2A	1			20.20 20.20 20.20 20.20
4	WOOD	10.2	75	68	12A+2A	1			20.20 20.20 20.20 20.20
5	WOOD	10.2	80	52	12A+2A	1			20.20 20.20 20.20 20.20
6	WOOD	10.2	60	22	11A+1A				20.20 20.20 20.20 20.20
7	CONC	11	77	87	13A+4A	1			INSTALL 16kVA TXF
8	WOOD	10.2	116	60	4A	1			STRING 1φ LV ONLY
9	WOOD	10.2	92	31	2A	1			20.20 20.20 20.20 20.20
10	CONC	11	116	22	2A	1			20.20 20.20 20.20 20.20
11	WOOD	10.2	151	69	4A	2			20.20 20.20 20.20 20.20
12	WOOD	10.2	76	14	1A				20.20 20.20 20.20 20.20
13	WOOD	10.2	96	21	2A+3A	1			20.20 20.20 20.20 20.20
14	WOOD	10.2	98	48	3A	1			20.20 20.20 20.20 20.20

14	WOOD	10.2	98	7	1A				STRING 1ϕ LV ONLY
15	WOOD	10.2	90	5	1A				STRING 1ϕ LV ONLY
16	WOOD	10.2	85	15	3A+2A	1			STRING 1ϕ LV ONLY
1 $\frac{1}{2}$	WOOD	10.2	92	10	1A				STRING 1ϕ LV ONLY
1 $\frac{1}{2}$	WOOD	10.2	100	32	2A	1			STRING 1ϕ LV ONLY
1 $\frac{1}{2}$	WOOD	10.2	52	—	3A	1			STRING 1ϕ LV ONLY
17	WOOD	10.2	100	40	2A	1			STRING 1ϕ LV ONLY
18	WOOD	10.2	58	—	3A	1			STRING 1ϕ LV ONLY

[illegible]

DRAWN	JONE	12.10.17
CHECKED	Kaushal	02/11/17
CHIEF DRAUGHTSMAN	WEN	02/11/17
TEAM LEADER PLUMBING & DESIGN	Ritesh K	02/11/17
ENGINEER	02/11/17	24/11/17

FIJI ELECTRICITY AUTHORITY

17
18 ELECTRICITY SUPPLY TO NAWAICOBA

NADI DISTRICT

NAWΔICORA (NAN1 /13)

DRAWING NUMBER

A2	04	N84	200
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