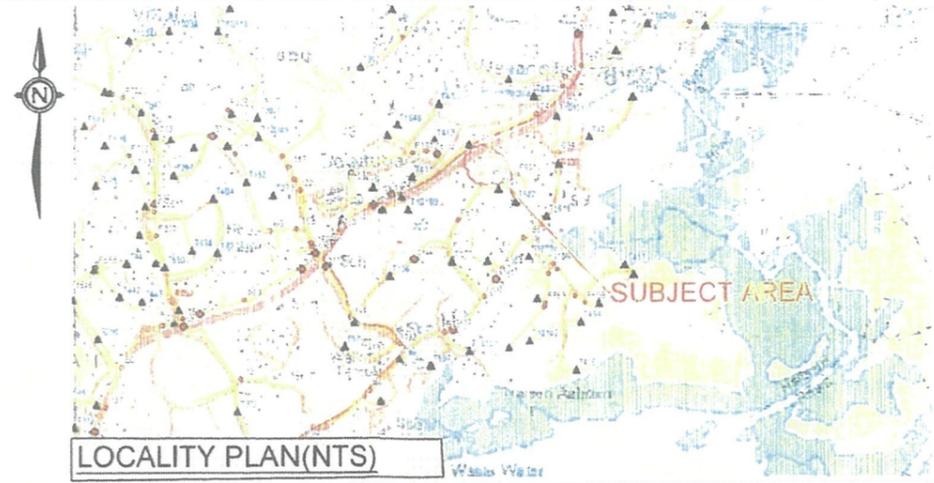


LEGEND

- 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



POLE NO.	POLE DESCRIPTION WOOD/CONC OR EXIST	POLE LENGTH STRENGTH (m/kN)	SPAN (m)	POLE TOP DESCRIPTION OR DRESSINGS	STAYS		REMARKS
					GRND	FLY	
C5474	EXIST	EXIST	EXIST	EXIST + 14B		EXIST	
C5352	EXIST	EXIST	41	EXIST + 18B		1	EXISTING POLE + PROP 3PH HV LINE ONLY + INSTALL LINE PROTECTION D/O
1	CONC	10.2/6	46	13B+13B+3B+3B	1		PROP 3PH HV + LV LINE ONLY
2	CONC	10.2/6	40	12B+2B	1		
3	CONC	10.2/6	35	11B+1B			
4	CONC	10.2/6	32	12B+2B			
5	CONC	10.2/6	28	12B+2B	1		
6	CONC	10.2/6	12	12B+2B	1		
7	CONC	11/5.5		11B+3B+REM			PROP 200kVA C/W DRESSING + 160A LV FUSE
8	CONC	10.2/6	31	3B	1		PROP H-STRUCTURE FOR POLE MOUNT TXF
9	CONC	10.2/6	31	11B+1B			PROP 3PH HV+LV LINE ONLY
10	CONC	10.2/6	41	14B+1B	1		
11	CONC	10.2/6	35	13B+13B+3B+4B	1	1	
12	CONC	10.2/6	47	3B	1		PROP 3PH LV LINE ONLY
13	CONC	10.2/6	47	11B+5B			PROP 3PH HV + LV LINE ONLY
14	CONC	10.2/6	20	18B+11B-3B+1B	1		PROP 3PH HV + LV LINE WITH TXF PROTECTION D/O
15	CONC	10.2/6	36	1B			PROP 3PH LV LINE ONLY
16	CONC	10.2/6		3B		1	
17	CONC	11/5.5	20	13B+3B+REM			PROP 200kVA C/W DRESSING + 160A LV FUSE
18	CONC	10.2/6		3B		1	PROP H-STRUCTURE FOR POLE MOUNT TXF
19	CONC	10.2/6	38	1B			PROP 3PH LV LINE ONLY
20	CONC	10.2/6	35	4B			
21	CONC	10.2/6	32	3B	1		

NOTES:

- INSTALL NEW 2 x 11.0m POLE MARKED 7 & 17 AND 19 x 10.2m POLES AS LISTED IN THE POLE SCHEDULE C/W DRESSINGS AND STAYS WHERE REQUIRED (REFER TO POLE SCHEDULE FOR DETAILS).
- INSTALL 2 x 200kVA THREE-PHASE POLE MOUNTED TRANSFORMER ON H-STRUCTURE POLES MARKED 7+8 & 17+18.
- STRING NEW 3 x 7/3.75AAAC HV HELIUM CONDUCTORS FROM POLE C5474 TO POLE 17 (RL=472m).
- STRING NEW 4 x 7/3.75AAAC LV HELIUM CONDUCTORS FROM POLE 1 TO POLE 16 (RL=435m), POLE 14 TO POLE 21 (RL=125m) AND POLE 11 TO POLE 12 (RL=47m).

CLIENT'S RESPONSIBILITY:

- IT SHALL BE THE CLIENT'S RESPONSIBILITY TO BRING THE PROJECT SITE TO THE FINAL LEVEL AND ADEQUATELY COMPACTED TO CBR (CALIFORNIA BEARING RATIO) OF 95% TO ALLOW SAFE INSTALLATION OF EFL ASSETS; THE COMPACTION TEST SHALL BE CERTIFIED BY A QUALIFIED CIVIL ENGINEER. (NOTE THAT EFL INSTALLATION WORKS SHALL ONLY COMMENCE AFTER THE GROUND LEVEL AND COMPACTNESS HAS BEEN CERTIFIED TO THEIR FINAL VALUES)
- WHERE POLES/TRENCHES ARE TO BE PLACED WITHIN 1.5M OF DRAINS, THE CLIENT SHALL INSTALL CONCRETE CULVERTS IN THE DRAIN WITH APPROPRIATE HEADWALLS TO PREVENT THE POLE FOUNDATION FROM WASHING AWAY.
- PROVIDE WELL DOCUMENTED IRREVOCABLE RIGHTS FOR THE PERMANENT PLACEMENT FOR ALL POWER POLES.
- PROVIDE WELL DOCUMENTED IRREVOCABLE RIGHTS FOR THE PERMANENT PLACEMENT OF BACK/SUPPORT STAYS THAT WILL BE INSTALLED TO SUPPORT POLES AS MARKED. THESE STAYS WILL BE INSTALLED AT LEAST 4M AWAY FROM POLE BASE.

SHEET 1 OF 2.

						DRAWN ANITESH 16.09.25		<h2 style="text-align: center;">ENERGY FIJI LIMITED</h2> <p style="text-align: center;">POWER SUPPLY TO NASINU LAND PURCHASE STAGE 8 SD PHASE 1 ON LOT 1 DP3130 OFF MAQBOOL RD, NASINU DISTRICT(SD23-24)</p>		DRAWING NUMBER	
						CHECKED				30.09.25	
				GIS COORDINATOR		22.09.25		SCALE @NTS			
				TEAM LEADER DESIGN & PLANNING		22/09/25					
				ENGINEER		21/9/25					
				HEAD OF DEPARTMENT							
No.	REVISION	DATE	BY	CHK	Dept. Eng	HOD					
0	ORIGINAL ISSUE FOR SD23-24	16.09.25	AP		RK						

