



Structure looking towards CD Face



Tower ID	WAI-VUD-A0016	
Contract number	STG-3	
Final No.	71-1	
Insulator Type/ Condition	DMPOSITE & PORCELA	
Type	STR	
Body Extn - size	0	
Legs - size	+/-0, +1, +/-0, +/-0	
Earth Wire	YES	
Tower Area m²	123	
Rust m²	7	6%
Sweep m²	107	87%

RC steel identified	No
Earth plates fitted/ Compliant	NO - 0
Climbing Deterrent Fitted	YES
Padlock Type	None
Environmental Rating	Medium impact on neighbouring activities requires protection from public
Vehicle Access	No Vehicle access directly to towers and/ or requires maintenance prior to vehicle access.
Vegetation Control	Not Required
Property Usage	Dry Stock farming (sheep, beef, deer or a combination)
Foundation Connection Type	SAC
Bridge/ Culverts	YES
Cell Coverage	Strong

Comments

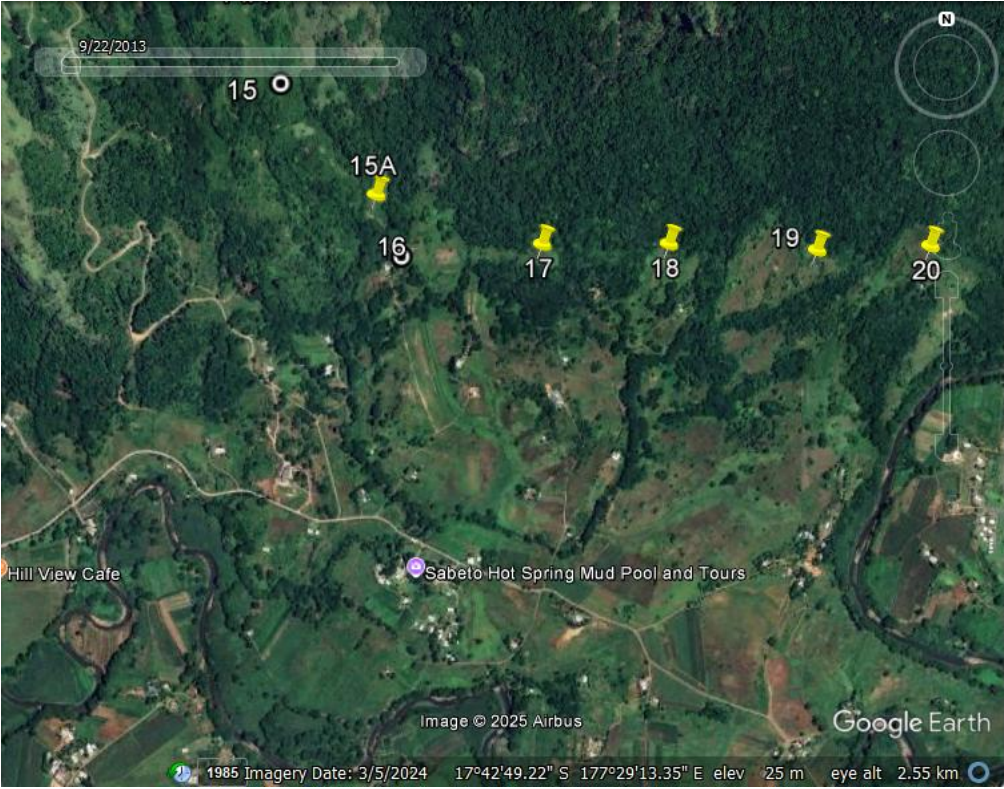
CPI- no cpi's in Fiji
CTE on all 4 legs, CTE has failed
Sharp dross throughout tower
LSD- faded
Access steep, and rutted, caution advised in the wet.
100m walk access to tower only, with steep track
House, 100m off C-Leg
Pig pen, 10m off CD face
River/stream 200m off CD face
House on tank supply, tank, 50m of C-Leg
Minor construction damage on structure.
Bolt missing on splice plate C-Leg, BC Face

x2 box arm on BC face and 1 pointed arm on DA face
Redundant bonding clamp to be removed on top of earth peak
2 x small bridges to be crossed , accessing structure, caution advised in the rainy season.

Step Bolts: 50

Comment: Minor SURFACE RUST

RC Bolts 2



CPI on na na Face

LSD on DA Face

B

C

A

D

Tower Orientation Diagram

#N/A



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD-A				
				9/02/2025				DRG. SIZE A3	SCALE N/A	FOLDER CAP20477		
LandOwner	Efi To Sort Out	Inspector-Tower	Karl Formo		LATITUDE	17°42'36.36"S		Work Scope Assessment Report - May-2025	WID	0	SHEET	REVISION
TowerAccess	Wailoko Road	Inspector-Ground	Karl Formo		LONGITUDE	177°29'3.84"E					1	2
ContactName	Efi To Sort Out	Draft Report	R Glover	7/05/2025			WAI-VUD-A0016					
ContactPhone	Efi To Sort Out	Report Review	M Boardman	7/05/2025								



HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

HANGER	
SWIVEL	
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HANGER	
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EARTHPEAK



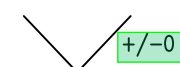
SINGLE E/PEAK

STRAIN PLATES

[TOP](#)

BOTTOM

ATTACHMENT DETAILS



SECTIONS J—J
LEG A

SECTIONS J-J
LEG B

SECTIONS J-J
LEG C

SECTIONS J-J
LEG D

SECTION A1-A1

 SECTION A-A

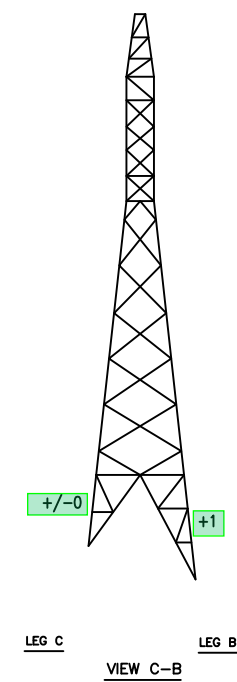
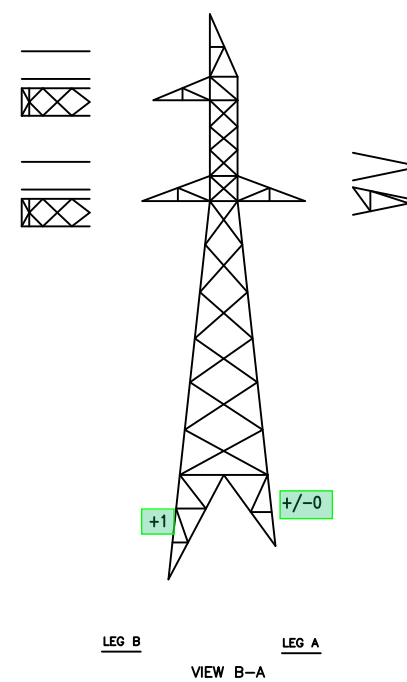
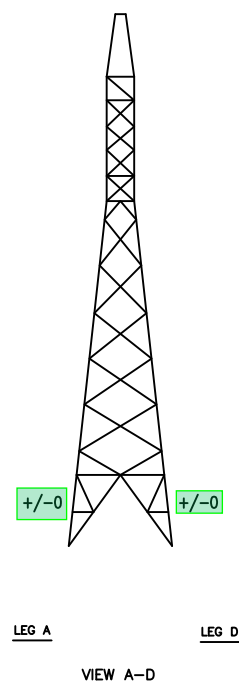
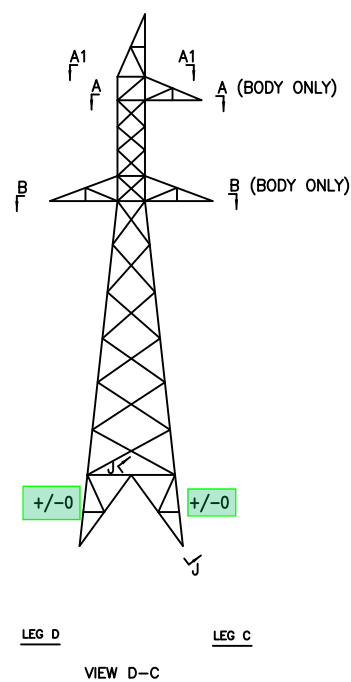
 SECTION B-B

NUMBER OF REPLACEMENT CRITERIA STEEL MEMBERS	
MINOR	
MAJOR(CRITICAL)	
MAJOR(OTHER)	

FOUNDATIONS	
GRILLAGE	
CONCRETE	SAC
MASS CONC.	

NUMBER OF REPLACEMENT CRITERIA BOLTS	NUMBER OF REPLACEMENT CRITERIA BOLTS
1	1
2	2
3	3
4	4
5	5
6	6
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8	8
9	9
10	10
11	11
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100	100

RC STEEL	_____
STEEL RATED AT CA21-30	_____
RC BOLTS	_____



TOWER TYPE USED: STG-3

[illegible]

DRAWN	<u>M.L.</u>	8.22
DESIGNED	<u>LUMEN</u>	8.22
CHECKED		
APPROVED	—	—
CAD FILE		

LUMEN
Consulting
210 Hazeldean Rd.
PO Box 25052
Christchurch, New Zealand
Tel. +64 (0)3 372 1546

ENERGY FIJI LTD

VUDA – WAILOA LINE
TOWER 71-1(16) OUTLINE

SCALE	N.T.S	
VUD-WAI 71-1	ISS.	-2