



Structure looking towards AB Face

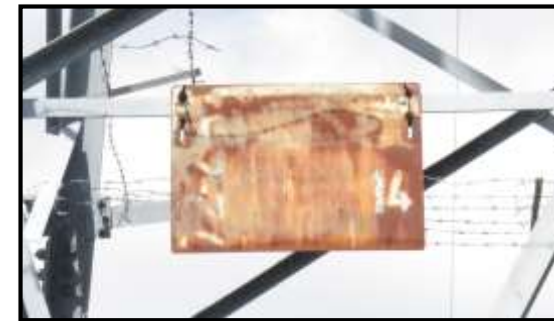
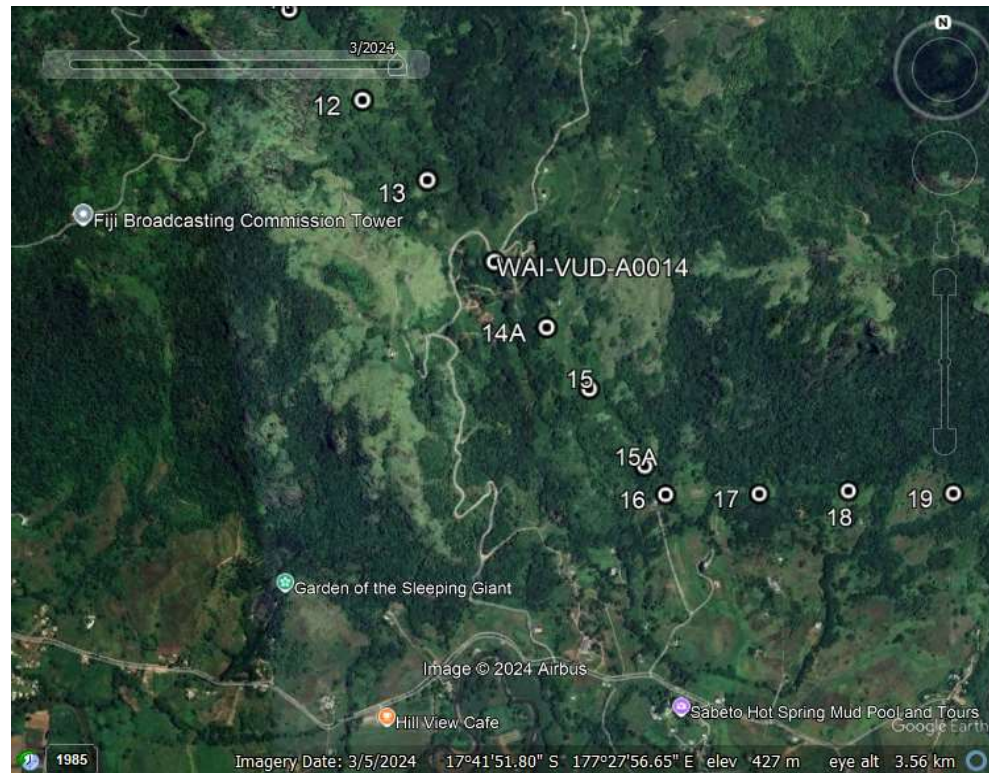


Device Position Description	WAI-VUD-A0014	
Tower	72-2	
Contract number	S30G-3	
Tower Type	0	
Body - size	0	
Body Extn - size	0	
Legs - size	+1, +1, +1, +/-0	
Earth Wire	YES	
Paint Type	0	
Tower Area m ²	105	
MAD Tower Area m ²	3	
Spot Blast m ²		
Rust m ²	6	6%
Sweep m ²	70	67%

RC steel identified	0
Earth plates fitted/ Compliant	NO - 0
Climbing Deterrent Fitted	YES
Padlock Type	None
Environmental Rating	Low impact on neighbouring activities low level protection from public.
Vehicle Access	Grass paddock or hill. Some caution needed in wet weather.
Vegetation Control	Required Major
Property Usage	Dry Stock farming (sheep, beef, deer or a combination)
Foundation Connection Type	SAC
Bridge/ Culverts	NO
Cell Coverage	Average
Insulator Type/ Condition	COMPOSITE
Corrosion Zone	C4
Wet Abrasive Blast issues Y/N	Yes

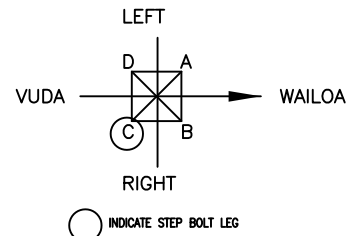
Comments
Anti-climb need repairing
33 kV line 100m from AB face
Tower base needs clearing
LSD - signage is getting rusty
Coal Tar Epoxy on Leg foundations

Step Bolts: 40
Comment: very light surface rust
RC Bolts 0
Comment:



Wailoa- Vuda

LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)				WAI-VUD A Paint Towers 19/20			DRG. SIZE	SCALE	FOLDER	
LandOwner	M R Khan	Inspector-Tower	Des Gracie	18/08/2022	LATITUDE	17°42'5.76"S			A3	N/A	CAP18365				
TowerAccess	M R Khan Hill	Inspector-Ground	Des Gracie		LONGITUDE	177°28'41.52"E			WID	MR57-2021	SHEET	REVISION			
ContactName	Naseem	Draft Report	R. Glover	24/04/2023							1	2			
ContactPhone		Report Review									WAI-VUD-A0014				



STRUCTURE DESCRIPTION	
LINE:	WAI-VUDA
STR No:	14
BODY EXTN:	0
LEG A:	+1
LEG B:	+1
LEG C:	+1
LEG D:	0
INSPECTED BY:	DG
COMPANY:	LUMEN
DATE:	

FOUNDATIONS	
GRILLAGE	
CONCRETE	
MASS CONC.	

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

NUMBER OF REPLACEMENT CRITERIA BOLTS	

RC STEEL	
STEEL RATED AT CA21-30	
RC BOLTS	

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

EARTHPEAK

SINGLE E/PEAK

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

TOP

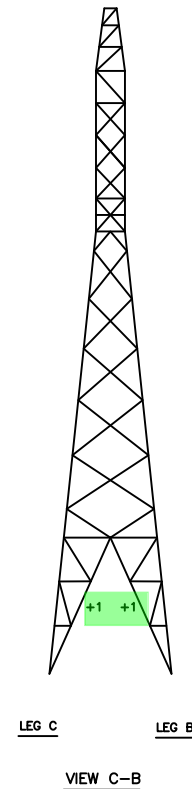
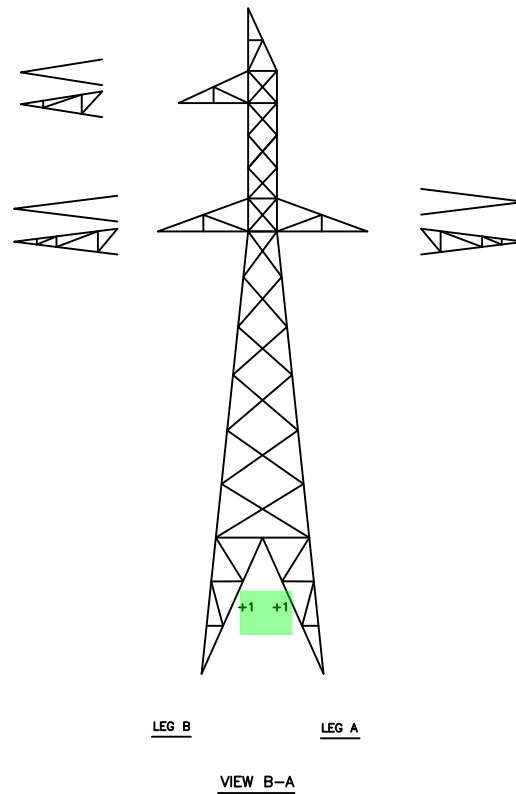
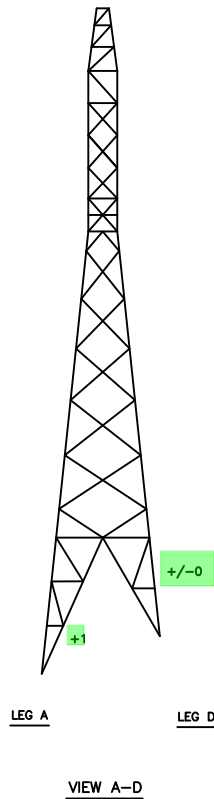
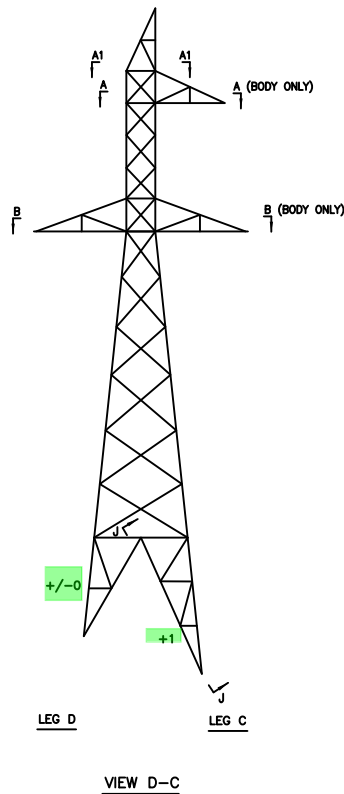
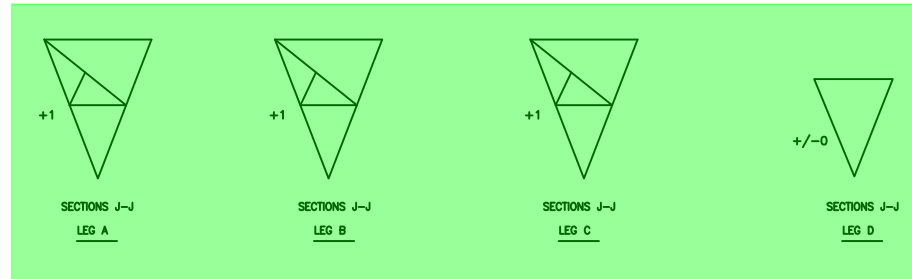
HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

BOTTOM

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

ATTACHMENT DETAILS

SECTION A1-A1
SECTION A-A
SECTION B-B



TOWER TYPE USED: S30G-3

AMENDMENT	BY	CHKD	DATE	AMENDMENT	BY	CHKD	DATE

DRAWN	M.L.	8.22
DESIGNED	LUMEN	8.22
CHECKED		
APPROVED	-	-
CAD FILE		

LUMEN
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Christchurch, New Zealand
Tel +64 (03) 377 1546

ENERGY FIJI LTD		SCALE N.T.S	
VUDA - WAILOA LINE TOWER 72-2(14) OUTLINE		VUD-WAI 72-2	ISS. -1