



Structure looking towards AB Face



Device Position Description	WAI-VUD-A0009	
Tower	74-2	
Contract number	HSG+9	
Tower Type	0	
Body - size	0	
Body Extn - size	0	
Legs - size	+/-0, +/-0, +1, +1	
Earth Wire	YES	
Paint Type	0	
Tower Area m ²	146	
MAD Tower Area m ²	6	
Spot Blast m ²		
Rust m ²	4	3%
Sweep m ²	112	77%

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	TSC
Bridge/ Culverts	NO
Cell Coverage	Average
Insulator Type/ Condition	COMPOSITE
Corrosion Zone	C4
Wet Abrasive Blast issues Y/N	Yes

Comments

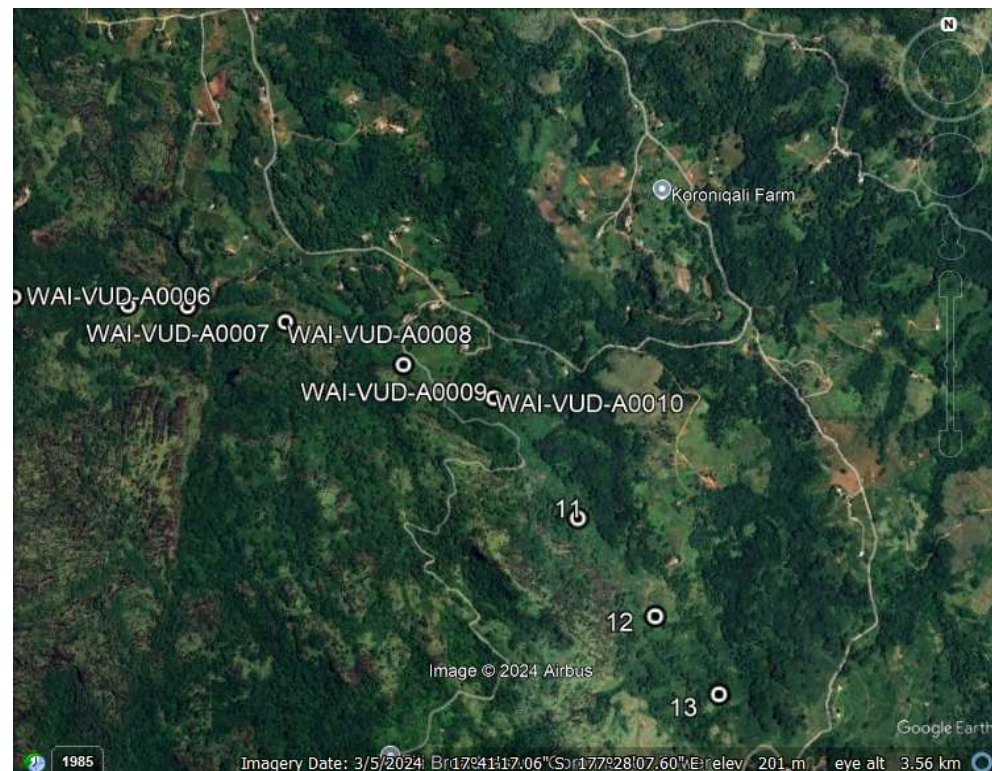
- Access and base of tower needs 100m of clearing
- Anti-climb needs repairing
- Small house 200m from DA face
- LSD - signage ok
- Steep access
- No vehicle access to tower

Step Bolts: 54

Comment: STEP BOLTS OK

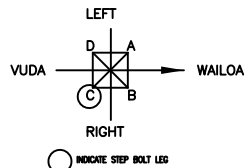
RC Bolts 0

Comment:



Wailoa- Vuda

LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD A Paint Towers 19/20		DRG. SIZE	SCALE	FOLDER	
				17/08/2022						A3	N/A	CAP18365	
LandOwner	M R Khan Hill	Inspector-Tower	Des Gracie		LATITUDE	17°41'12.84"S		Work Scope Assessment Report - Jun-2023	WID	MR57-2021	SHEET 1	REVISION 2	
TowerAccess	M R Khan Hill	Inspector-Ground	Des Gracie		LONGITUDE	177°27'53.64"E							
ContactName		Draft Report	R. Glover	24/04/2023									
ContactPhone		Report Review											
WAI-VUD-A0009													



STRUCTURE DESCRIPTION	
LINE:	WAILOA
STR No:	9
BODY EXTN:	0
LEG A:	0
LEG B:	0
LEG C:	+1
LEG D:	+1
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 PAINTED AT 0-21-30	
RC BOLTS	

WINDER	
SWIRL	
TWT	
REPLACEMENT	
ORIGINAL	

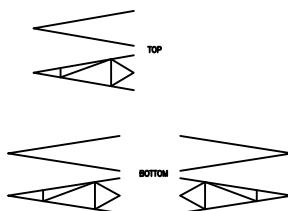
EARTHPEAK

SINGLE E/PEAK

WINDER	
SWIRL	
TWT	
REPLACEMENT	
ORIGINAL	

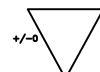
WINDER	
SWIRL	
TWT	
REPLACEMENT	
ORIGINAL	

WINDER	
SWIRL	
TWT	
REPLACEMENT	
ORIGINAL	

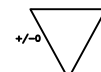


ATTACHMENT DETAILS

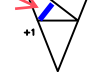
ADD STEEL



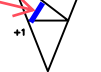
SECTIONS J-J
LEG A



SECTIONS J-J
LEG B

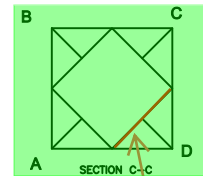


SECTIONS J-J
LEG C

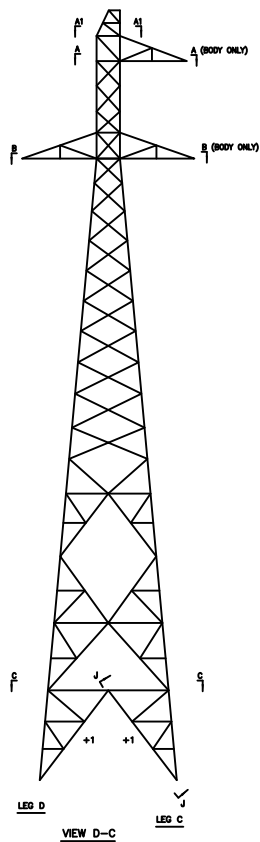


SECTIONS J-J
LEG D

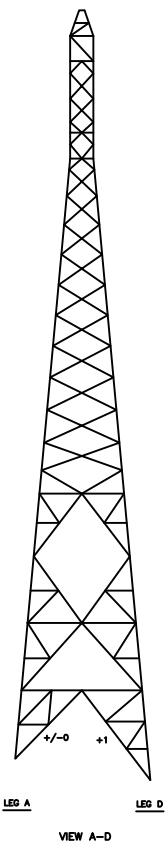
☒	SECTION A1-A1
☒	SECTION A-A
☒	SECTION B-B



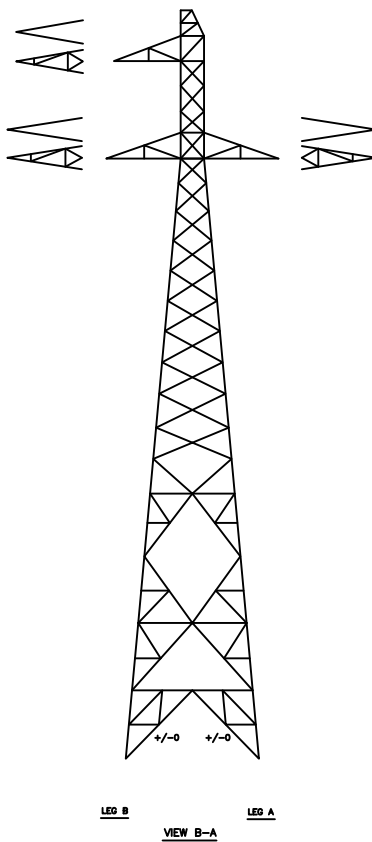
#1 RC



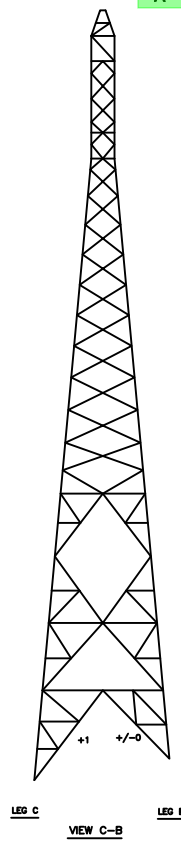
VIEW D-C



VIEW A-D



VIEW B-A



VIEW C-B

TOWER TYPE USED: HSG+9

AMENDMENT	BY	CHKD	DATE	AMENDMENT	BY	CHKD	DATE

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

LUMEN
Consulting
210 Hazeldean Rd.
PO Box 20052
Christchurch, New Zealand
Tel +64 (0)3 377 1546

ENERGY FIJI LTD
VUDA - WAILOA LINE
TOWER 74-2(9) OUTLINE

SCALE	N.T.S
VUD-WAI 74-2	ISS. -1