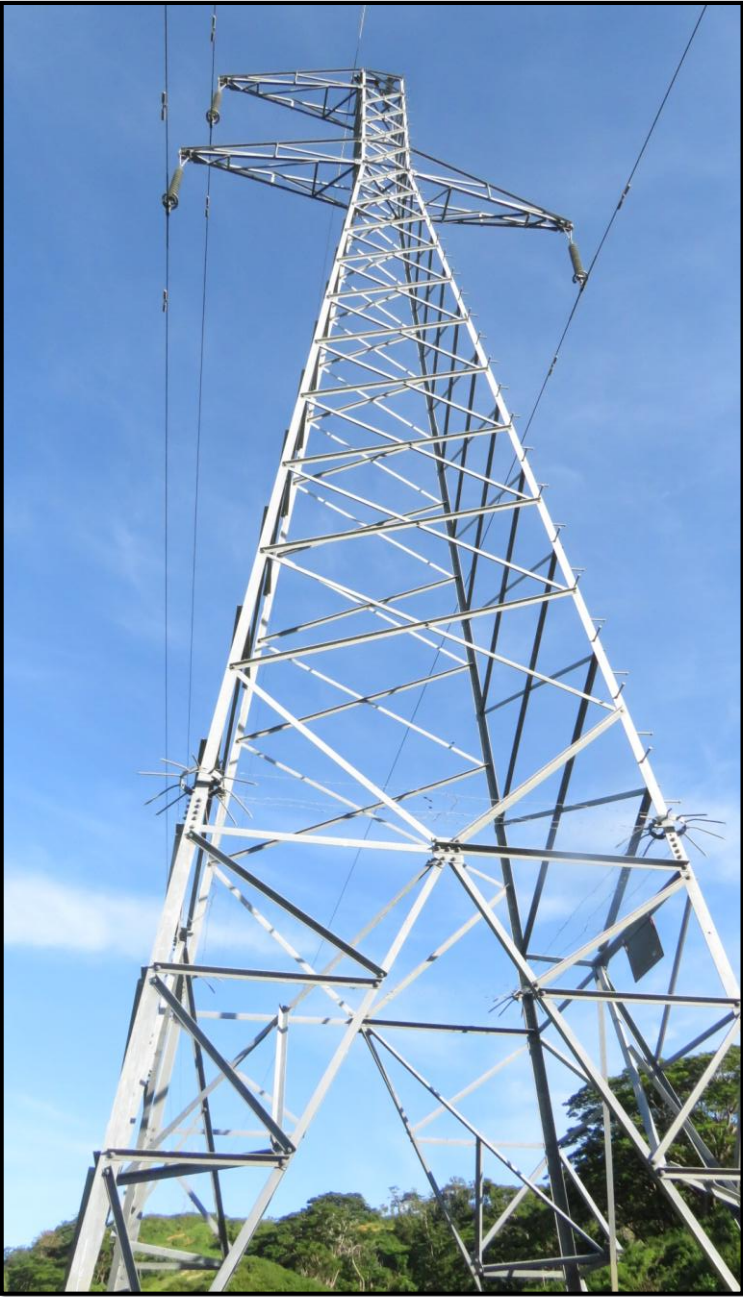




Structure looking towards AB Face



Tower ID	WAI-VUD-A0014a	
Contract number	S2G+/-0	
Final No.	72-1	
Insulator Type/ Condition	COMPOSITE	
Type	SUS	
Body Extn - size	0	
Legs - size	+1, +1, +1, +1	
Earth Wire	YES	
Tower Area m²	135	
Rust m²	2	2%
Sweep m²	118	87%

RC steel identified	No
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 hill, track or paddock prone to water. Special caution required.
Vegetation Control	Not Required
Property Usage	Dry Stock farming (sheep, beef, deer or a combination)
Foundation Connection Type	TSC
Bridge/ Culverts	YES
Cell Coverage	Average

Comments

Track access maintenance required prior to entry

no cpi - Fiji

Light ZCP through out structure

Dross throughout structure on steel

Anti-climb in need of repair.

Anti-climb is not designed for barb wire

LSD - needs replacing

Steep terrain around tower

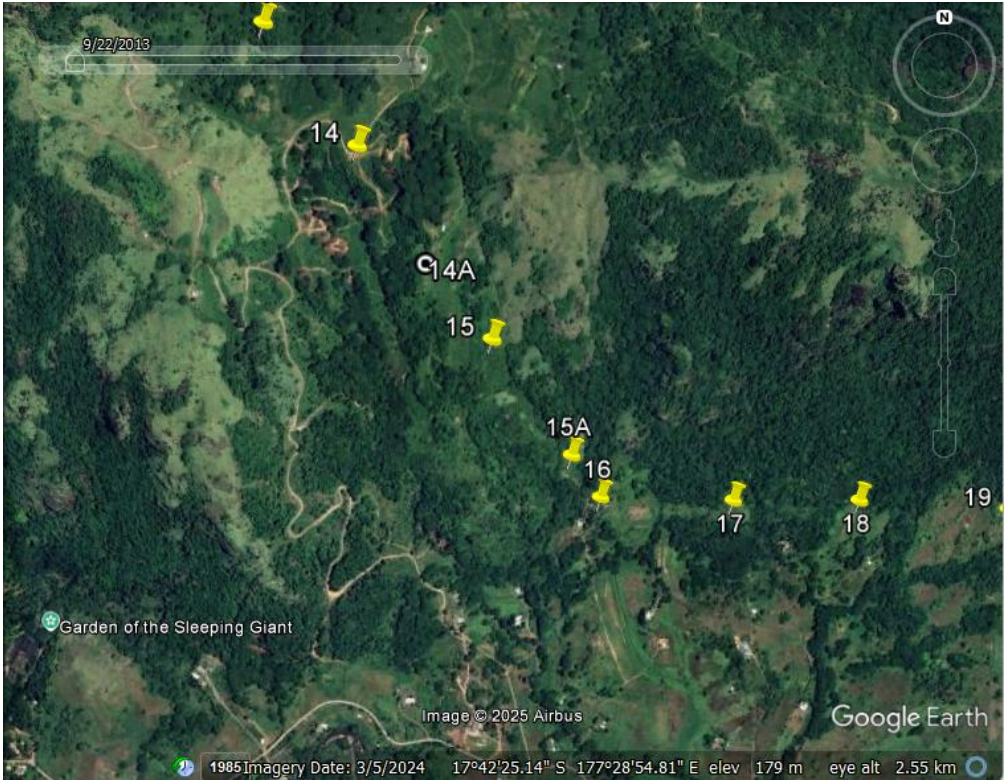
Stream 40m from C-Leg

House 80m from D-Leg

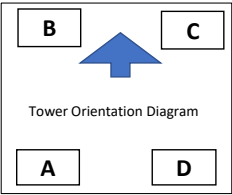
Step Bolts: 58

Comment: GOOD

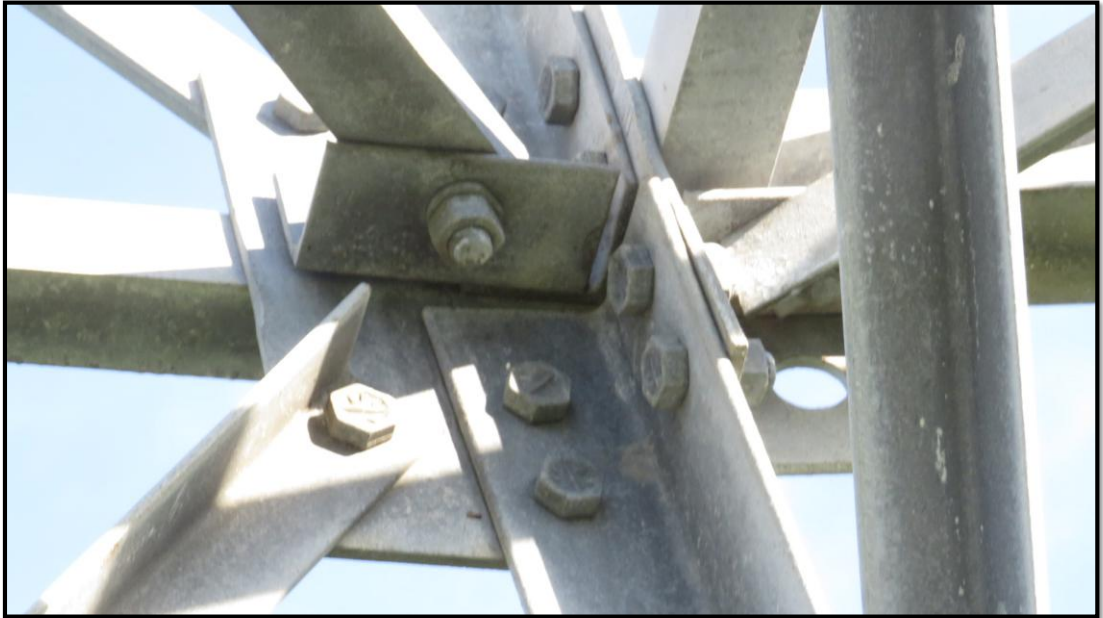
RC Bolts 1



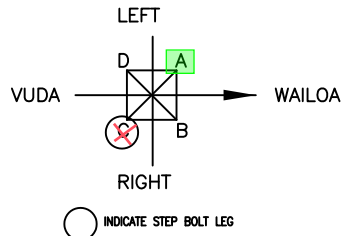
LSD on DA Face



#N/A



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD-A			DRG. SIZE	SCALE	FOLDER		
LandOwner	Refer To Efl	Inspector-Tower	Des Gracie	22/01/2025	LATITUDE	17°42'14.04"S				A3	N/A	CAP20477			
TowerAccess	Nadaka	Inspector-Ground	Des Gracie		LONGITUDE	177°28'48.00"E				WID	0	SHEET	REVISION		
ContactName	Refer To Efl	Draft Report	R Glover	7/05/2025								1	2		
ContactPhone	Refer To Efl	Report Review	M Boardman	7/05/2025											
								Work Scope Assessment Report - May-2025		WAI-VUD-A0014a					



STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No.	14A
BODY EXTN:	0
LEG A:	+1
LEG B:	+1
LEG C:	+1
LEG D:	+1
INSPECTED BY:	DG
COMPANY:	LUMEN
DATE:	22/1/25

FOUNDATIONS	
GRILLAGE	TSC
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	

EARTHPEAK
SINGLE E/PEAK

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

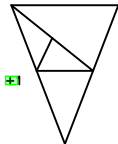
TOP

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

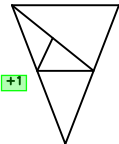
BOTTOM

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

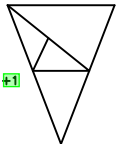
ATTACHMENT DETAILS



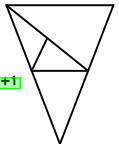
SECTIONS J-J
LEG A



SECTIONS J-J
LEG B



SECTIONS J-J
LEG C

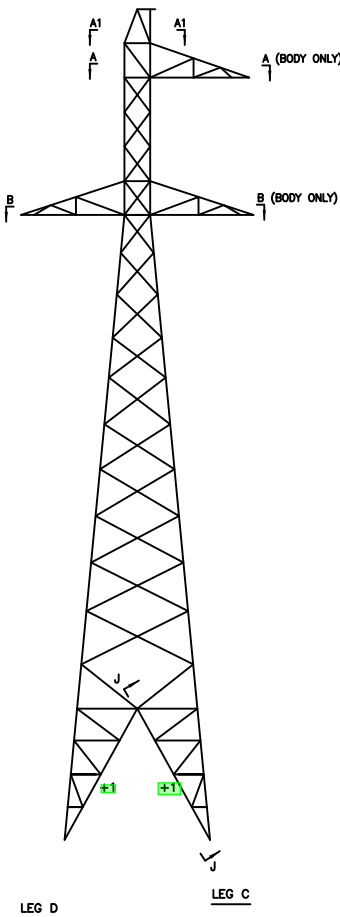


SECTIONS J-J
LEG D

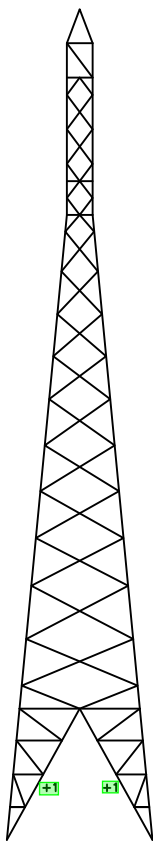
SECTION A1-A1

SECTION A-A

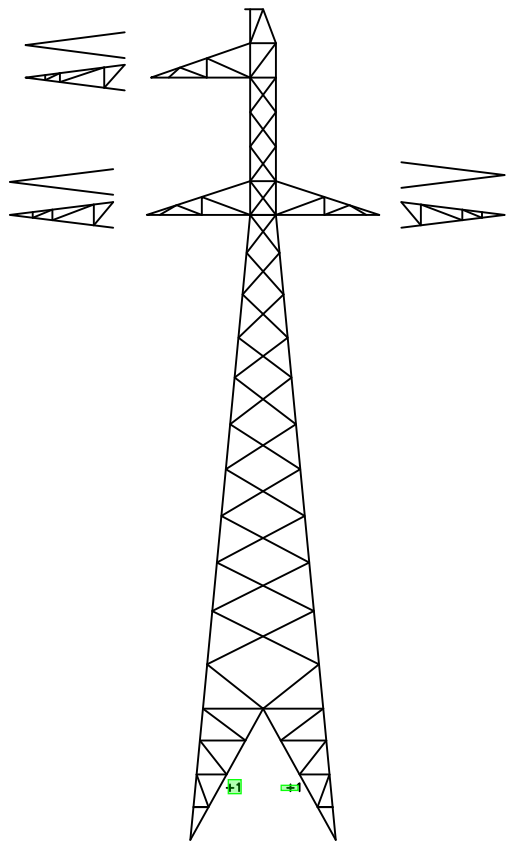
SECTION B-B



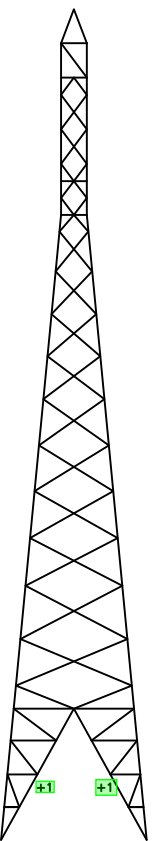
VIEW D-C



VIEW A-D



VIEW B-A



VIEW C-B

TOWER TYPE USED: S2G +/-0

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 25052
Christchurch, New Zealand
Tel +64 (03) 377 1546

ENERGY FIJI LTD

VUDA - WAILOA LINE
TOWER 72-1(14A) OUTLINE

SCALE	N.T.S
VUD-WAI 72-1	ISS. -1