



Structure looking towards AB Face



Tower ID	WAI-VUD-A0039	
Contract number	S2G+3	
Final No.	62-3	
Insulator Type/ Condition	COMPOSITE	
Type	0	
Body Extn - size	0	
Legs - size	+/-0, +1, +/-0	
Earth Wire	#N/A	
Tower Area m²	158	
Rust m²	10	7%
Sweep m²	139	88%

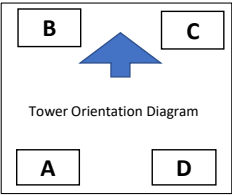
RC steel identified	0
Earth plates fitted/ Compliant	#N/A
Climbing Deterrent Fitted	YES
Padlock Type	None
Environmental Rating	Low impact on neighbouring activities, easily secured from public.
Vehicle Access	Grass hill, track or paddock prone to water. Special caution required.
Vegetation Control	Not Required
Property Usage	Dry Stock farming (sheep, beef, deer or a combination)
Foundation Connection Type	TSC
Bridge/ Culverts	YES
Cell Coverage	Strong

Comments
No cpi's in Fiji
CTE on all 4 legs has failed
Sharp drop throughout tower
Minor construction damage on structure.
River crossing, exercise caution when crossing
LSD - legible
Contractor is in the process of opening up the access, still very wet, and clay surfaces throughout the tracks
Piece of steel missing from the body of the tower on the AB face, S2G 27- starts on top B-Leg to the bottom of A-Leg.
S2G-26 is missing a bolt on the bottom of B-Leg from the Upper Body.
One step bolt to be replaced just above bottom arm.
2 x streams, 100m, from AB and CD faces

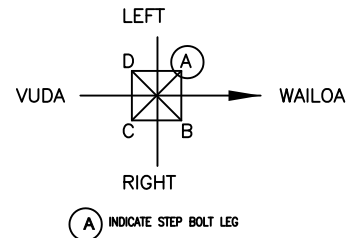
Step Bolts: 58
Comment: Minor SURFACE RUST
RC Bolts 2



LSD on AB Face



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD-A			
				1/04/2025				DRG. SIZE	SCALE	FOLDER	
LandOwner	Efi To Sort Out	Inspector-Tower	Karl Formo		LATITUDE	17°42'45.72"S		A3	N/A	CAP20477	
TowerAccess	Sabeto Road	Inspector-Ground	Karl Formo		LONGITUDE	177°35'11.76"E		WID	0	SHEET	REVISION
ContactName	Efi To Sort Out	Draft Report	R Glover	12/02/2025						1	2
ContactPhone	Efi To Sort Out	Report Review	M Boardman	12/02/2025			WAI-VUD-A0039				
Work Scope Assessment Report - Feb-2025											



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	

STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No.	0039
BODY EXTN:	NIL
LEG A:	+/- 0
LEG B:	+1
LEG C:	+1
LEG D:	+/- 0
INSPECTED BY:	K.Forno
COMPANY:	LUMEN
DATE:	01/04/25

FOUNDATIONS	
GRILLAGE	Y
CONCRETE	
MASS CONC.	

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

EARTHPEAK

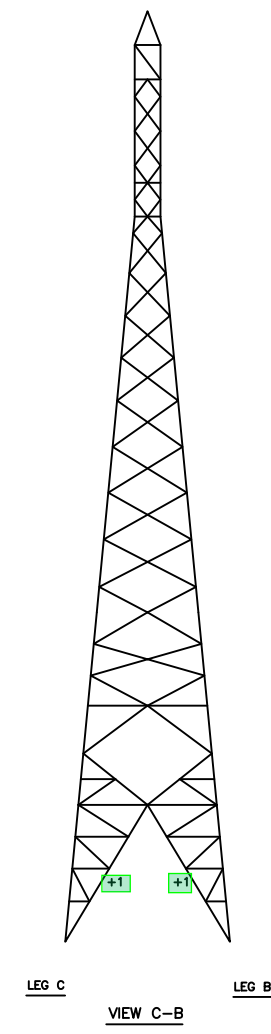
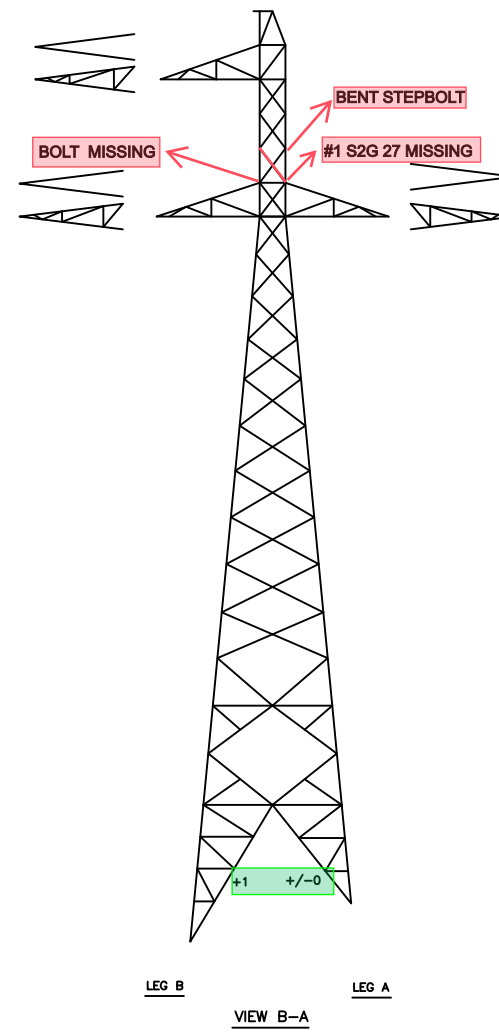
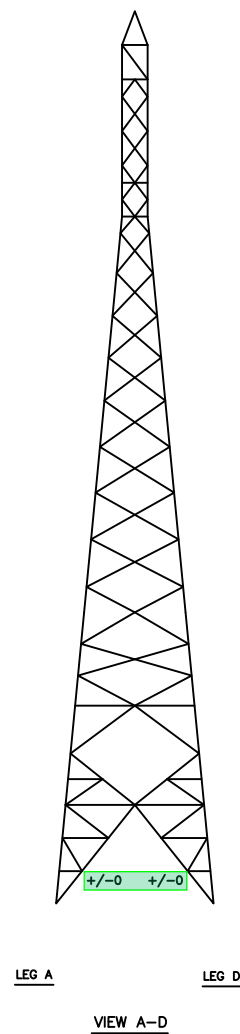
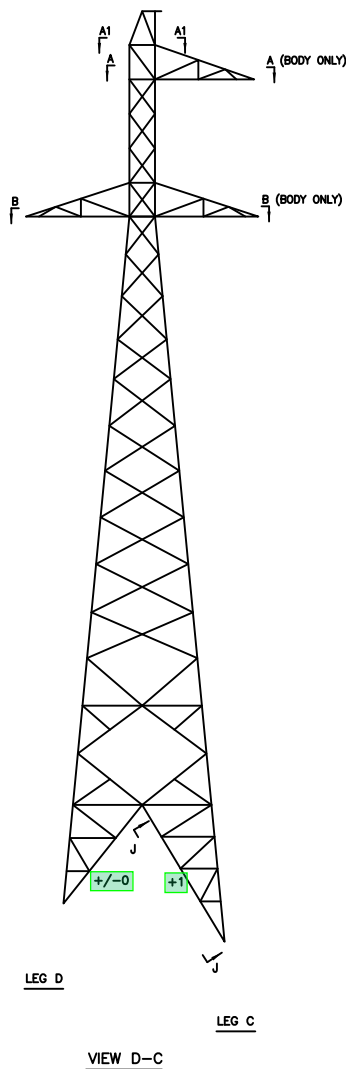
SINGLE E/PEAK

TOP

BOTTOM

ATTACHMENT DETAILS

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



TOWER TYPE USED: S2G+3

AMENDMENT	BY	CHKD	DATE	AMENDMENT	BY	CHKD	DATE
-2 REVISED	LDS		4.25				

DRAWN	M.L.	2.23
DESIGNED	LUMEN	2.23
CHECKED		
APPROVED	-	-
CAD FILE		

LUMEN
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ENERGY FIJI LTD
VUDA - WAILOA LINE
TOWER 62-3(39) OUTLINE

SCALE N.T.S
VUD-WAI 62-3
ISS. -2