



Structure looking towards CD Face



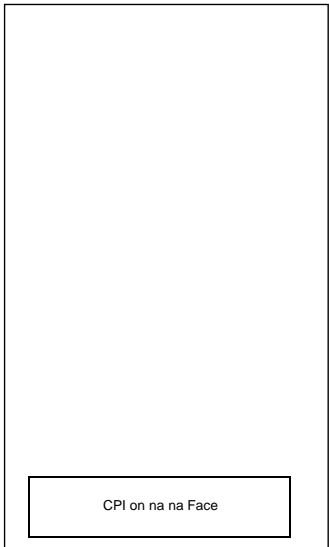
<b>Tower ID</b>	WAI-VUD-A0032	
<b>Contract number</b>	DG+/-0	
<b>Final No.</b>	65-2	
<b>Insulator Type/ Condition</b>	COMPOSITE	
<b>Type</b>	0	
<b>Body Extn - size</b>	0	
<b>Legs - size</b>	+2, +3, +/-0, -2	
<b>Earth Wire</b>	YES	
<b>Tower Area m<sup>2</sup></b>	218	
<b>Rust m<sup>2</sup></b>	27	13%
<b>Sweep m<sup>2</sup></b>	182	83%

RC steel identified	0
Earth plates fitted/ Compliant	NO - 0
Climbing Deterrent Fitted	YES
Padlock Type	None
Environmental Rating	Low impact on neighbouring activities, easily secured from public.
Vehicle Access	No Vehicle access directly to towers and/ or requires maintenance prior to vehicle access.
Vegetation Control	Required Major
Property Usage	Commercial
Foundation Connection Type	TSC
Bridge/ Culverts	YES
Cell Coverage	Strong

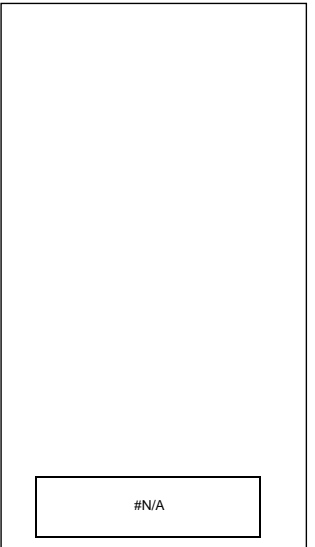
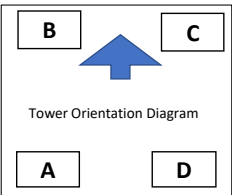
#### Comments


No CPI's in Fiji  
CTE on all 4 legs has failed  
Sharp drop throughout tower  
Access steep, and rutted, caution advised in the wet.  
800m walk access to tower, with steep track  
Minor construction damage on structure.  
Sited in a quarry, access has to be reinstated, cut off by quarry operator.  
LSD on CD face C-leg is faded  
Heavy machinery, and vehicle moving around site.  
2x bridges to be crossed, flooding can occur, caution advised.  
D-Leg main leg minor dimple due to construction damage  
Re-contour soil around B-Leg due to soil encroachment  
B-Leg capping cleared of soil, down a bank.

**Step Bolts:** 74  
**Comment:** Minor SURFACE RUST  
**RC Bolts**

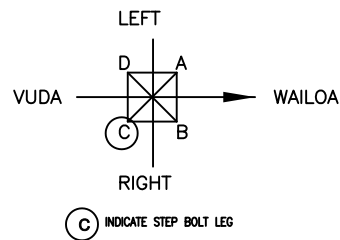


### LSD on CD Face



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD-A		
				19/02/2025				DRG. SIZE	SCALE	FOLDER
LandOwner	Efl To Sort Out	Inspector-Tower	Karl Formo		LATITUDE	17°42'45.72"S		A3	N/A	CAP20477
TowerAccess	Sabeto Road/Zip Line	Inspector-Ground	Karl Formo		LONGITUDE	177°35'11.76"E				
ContactName	Efl To Sort Out	Draft Report	R Glover	12/02/2025						
ContactPhone	Efl To Sort Out	Report Review	M Boardman	12/02/2025				Work Scope Assessment Report - Feb-2025		
							WAI-VUD-A0032			





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	

RC STEEL	
STEEL RATED AT CA21-30	
RC BOLTS	

STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No:	0032
BODY EXTN:	NIL
LEG A:	-2
LEG B:	+3
LEG C:	+/-0
LEG D:	-2
INSPECTED BY:	Karl Formo
COMPANY:	LUMEN
DATE:	19/02/2025

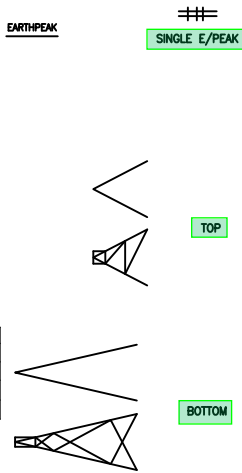
FOUNDATIONS	
GRILLAGE	
CONCRETE	SAC
MASS CONC.	

PLATE	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

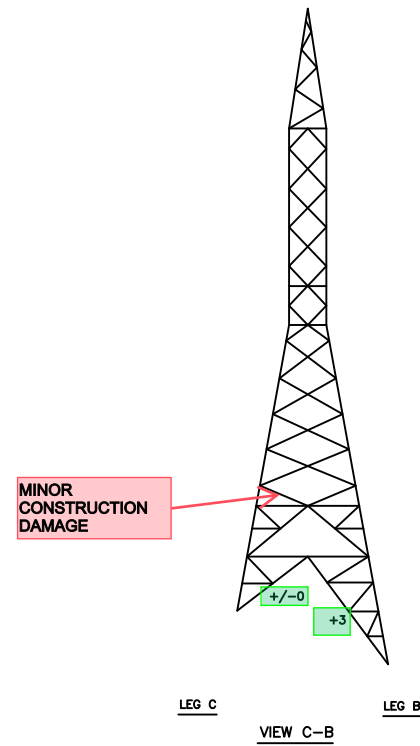
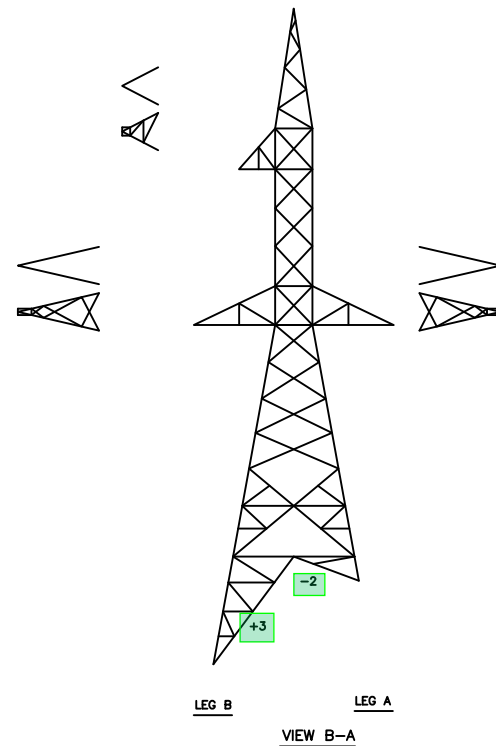
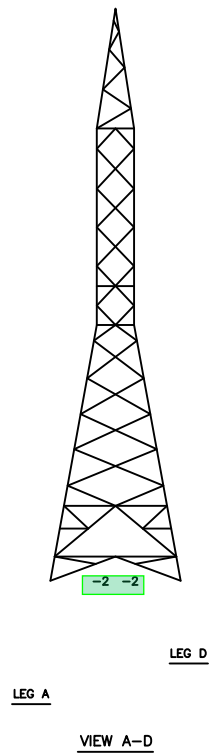
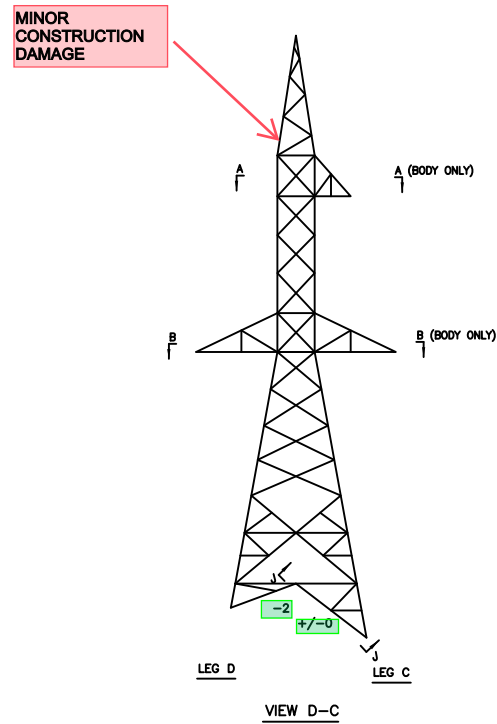
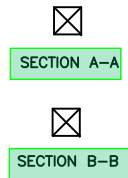
PLATE	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

PLATE	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

PLATE	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	



ATTACHMENT DETAILS



TOWER TYPE USED: DG+/-0

AMENDMENT				BY	CHKD	DATE	AMENDMENT				BY	CHKD	DATE
-2	DRAWING REVISED	LDS	2.25										

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		SCALE N.T.S	
VUDA - WAILOA LINE TOWER 65-2(32) OUTLINE		VUD-WAI 65-2	ISS. -2