



Structure looking towards CD Face



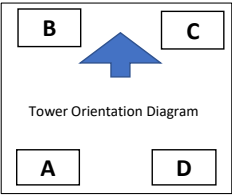
Tower ID	WAI-VUD-A0011	
Contract number	H5G+6	
Final No.	73-2	
Insulator Type/ Condition	COMPOSITE	
Type	SUS	
Body Extn - size	0	
Legs - size	+/-0, -1, +/-0, +1	
Earth Wire	YES	
Tower Area m²	141	
Rust m²	11	8%
Sweep m²	123	88%

RC steel identified	Yes
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	Not Required
Property Usage	Dry Stock farming (sheep, beef, deer or a combination)
Foundation Connection Type	TSC
Bridge/ Culverts	YES
Cell Coverage	Unknown

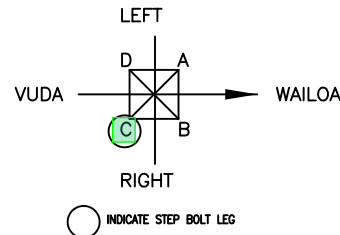
Comments Locked gate, key required from owner of property cpi - no cpi's in Fiji CTE on all 4 legs, CTE has failed Sharp dross throughout tower LSD - faded access steep, and rutted, caution advised in the wet. 500m walk access to tower only, with steep track Minor buckle on top chord of cross arm, coming off D-Leg DA face, blue phase Minor buckle on top chord of cross arm, coming of C-Leg DA face, red phase	
Step Bolts:	76
Comment:	Minor SURFACE RUST
RC Bolts	2



LSD on BC Face



LANDOWNER DETAILS		INSPECTION TEAM		Date	GPS COORDINATES (WGS84)			WAI-VUD-A			
		LUMEN		8/02/2025				DRG. SIZE	SCALE	FOLDER	
LandOwner	Efl To Sort Out	Inspector-Tower	Karl Formo		LATITUDE	17°41'33.00"S		A3	N/A	CAP20477	
TowerAccess	Sabeto Tower Road	Inspector-Ground	Karl Formo		LONGITUDE	177°28'15.96"E		WID	0	SHEET	REVISION
ContactName	Efl To Sort Out	Draft Report	R Glover	7/05/2025						1	2
ContactPhone	Efl To Sort Out	Report Review	M Boardman	7/05/2025						WAI-VUD-A0011	
								Work Scope Assessment Report - May-2025			



STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No:	0011
BODY EXTN:	NIL
LEG A:	+/-0
LEG B:	-1
LEG C:	+/-0
LEG D:	+1
INSPECTED BY:	K.Formo
COMPANY:	Lumen
DATE:	08/02/2025

FOUNDATIONS	
GRILLAGE	Y
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	

PLATE	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

EARTHPEAK

SINGLE E/PEAK

HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	

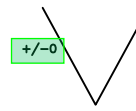
TOP

HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	

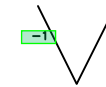
BOTTOM

HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	

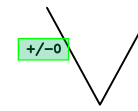
ATTACHMENT DETAILS



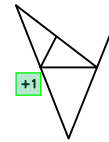
SECTIONS J-J
LEG A



SECTIONS J-J
LEG B



SECTIONS J-J
LEG C

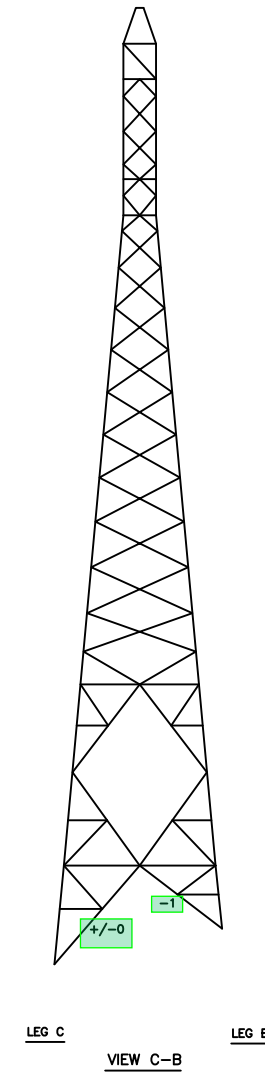
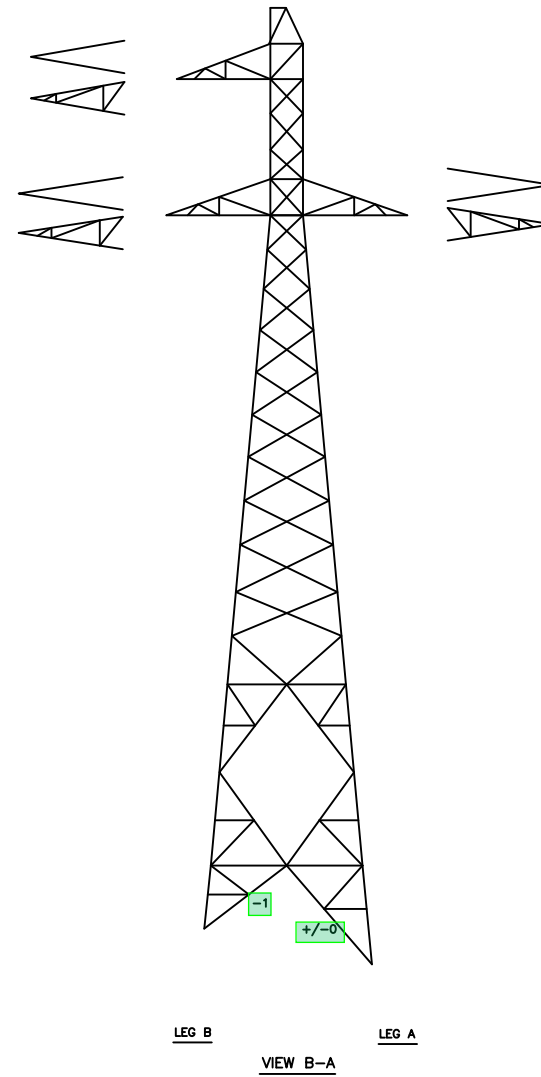
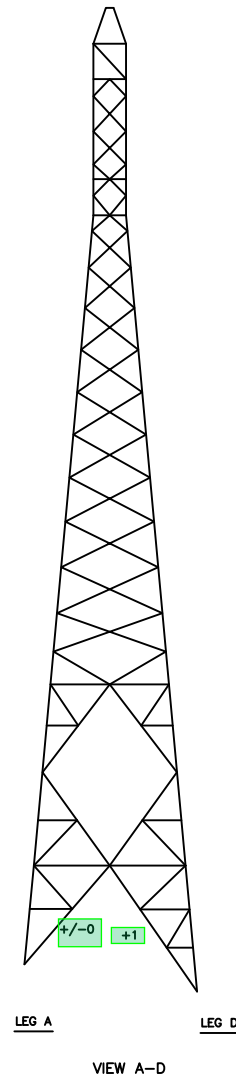
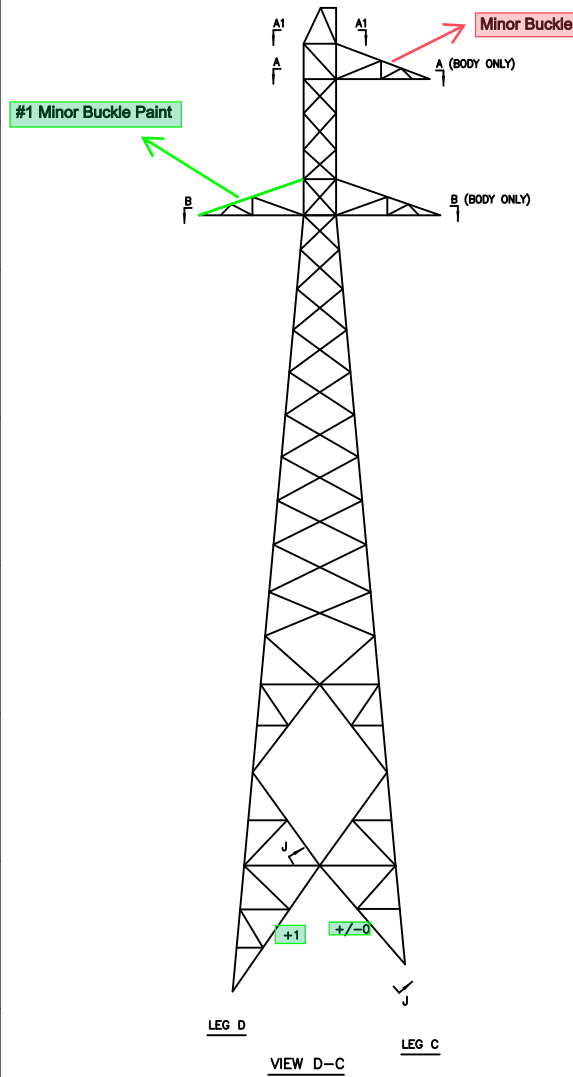


SECTIONS J-J
LEG D

SECTION A1-A1

SECTION A-A

SECTION B-B



TOWER TYPE USED: HSG+6

AMENDMENT				AMENDMENT				BY				CHKD				DATE			
-2	CROSSARMS REVISED	LDS		2.25															

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



ENERGY FIJI LTD		SCALE N.T.S	
VUDA - WAILOA LINE TOWER 73-2(11) OUTLINE		VUD-WAI 73-2	ISS. -2