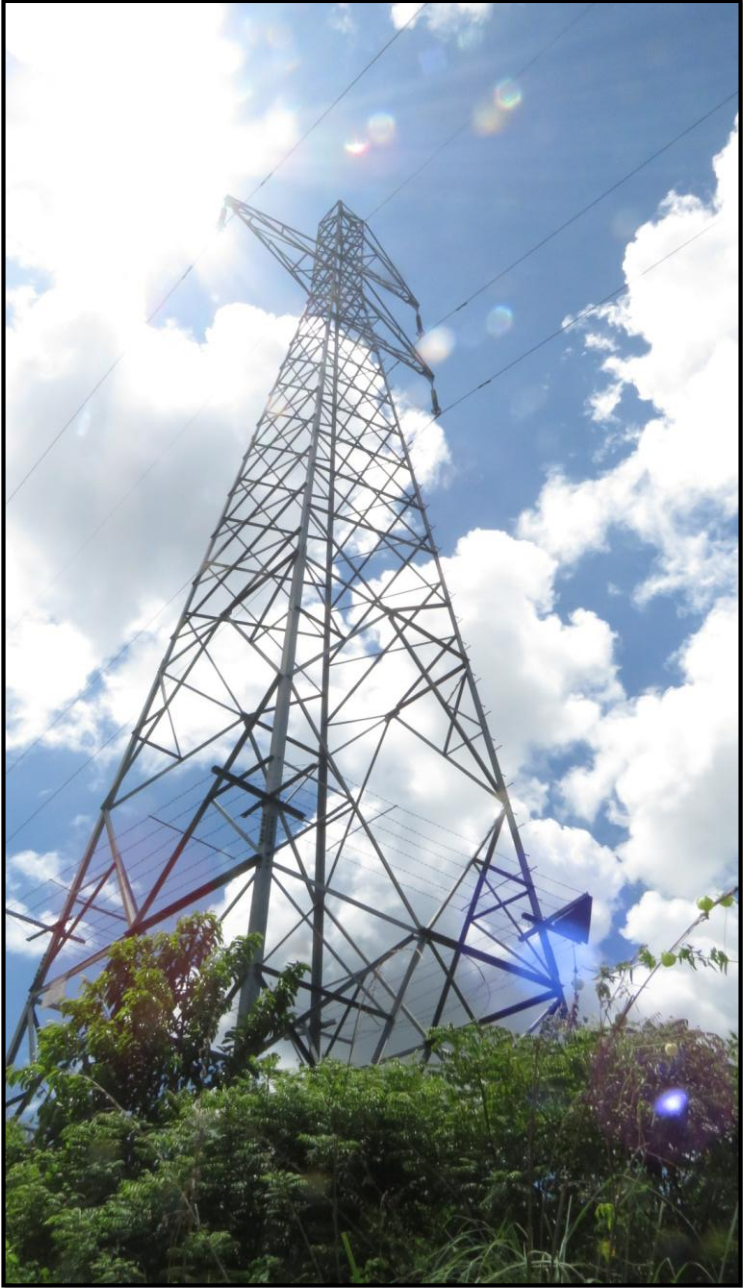




Structure looking towards AB Face



Tower ID	WAI-VUD-A0022	
Contract number	H5G+6	
Final No.	68-2	
Insulator Type/ Condition	COMPOSITE	
Type	SUS	
Body Extn - size	0	
Legs - size	+/-0, +/-0, +1, +2	
Earth Wire	YES	
Tower Area m²	147	
Rust m²	5	3%
Sweep m²	120	81%

RC steel identified	Yes
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	No Vehicle access directly to towers and/ or requires maintenance prior to vehicle access.
Vegetation Control	Required Major
Property Usage	Dry Stock farming (sheep, beef, deer or a combination)
Foundation Connection Type	TSC
Bridge/ Culverts	YES
Cell Coverage	Average

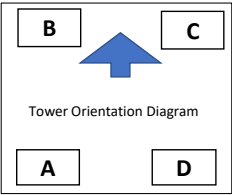
Comments

Track access maintenance required prior to entry
no cpi - Fiji
Major vegetation management needed around base of structure and 300m of track
Light ZCP through out structure
Dross throughout structure on steel
LSD - faded
No access directly to the tower
Anti-climb in need of repair.
Steep terrain around tower
Farm fence 1m from DA face

Step Bolts: 68
Comment: GOOD
RC Bolts 1



LSD on DA Face



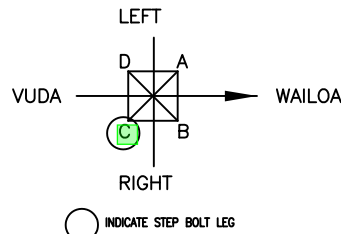
CPI on Face

#N/A



LANDOWNER DETAILS		INSPECTION TEAM		Date	GPS COORDINATES (WGS84)			WAI-VUD-A		DRG. SIZE	SCALE	FOLDER	
LandOwner	Refer To Efl	Inspector-Tower	Des Gracie	20/01/2025	LATITUDE	17°42'38.16"S		A3	N/A	CAP20477			
TowerAccess	Beside Fulton College	Inspector-Ground	Des Gracie		LONGITUDE	177°30'27.72"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						WAI-VUD-A0022			
								Work Scope Assessment Report - May-2025					

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STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No.	22
BODY EXTN:	0
LEG A:	+/-0
LEG B:	+/-0
LEG C:	+1
LEG D:	+2
INSPECTED BY:	DG
COMPANY:	LUMEN
DATE:	20/1/25

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	

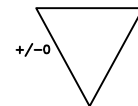
TOP

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

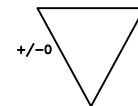
BOTTOM

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

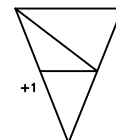
ATTACHMENT DETAILS



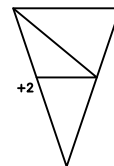
SECTIONS J-J
LEG A



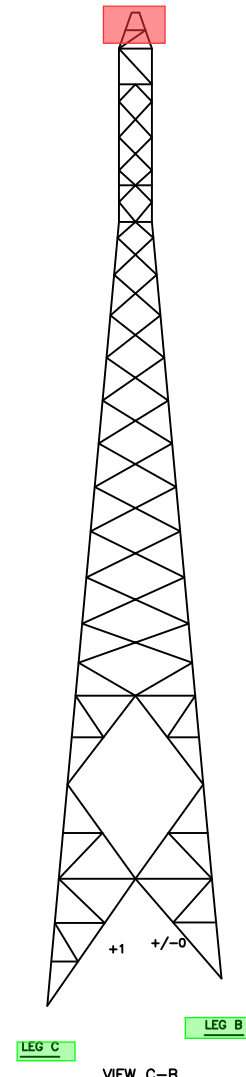
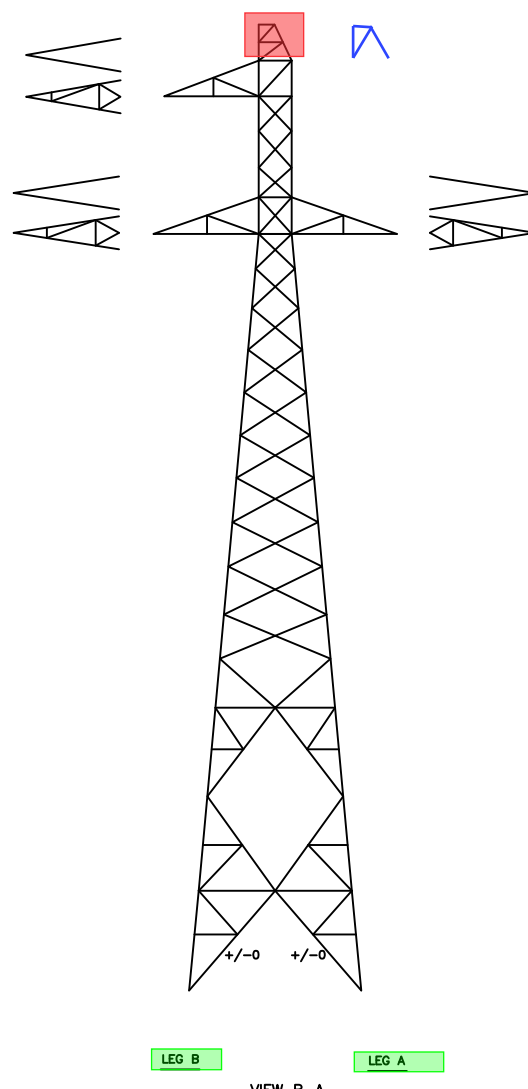
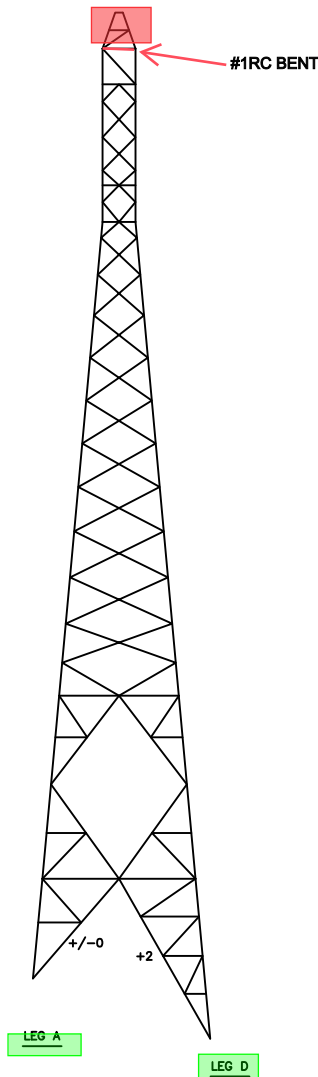
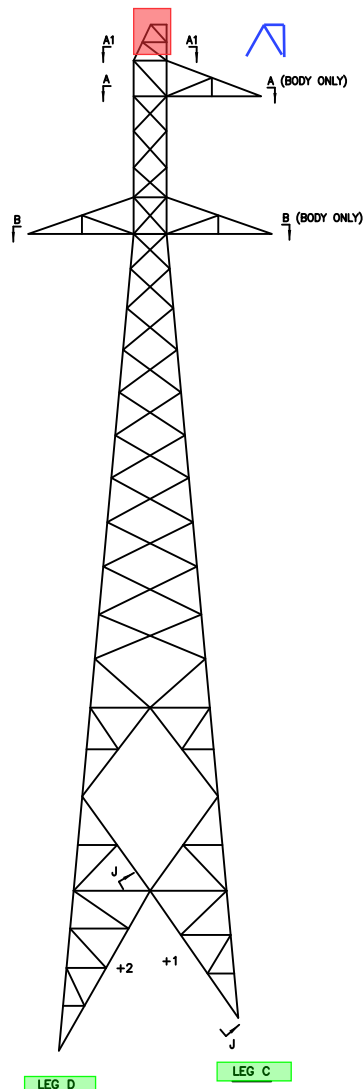
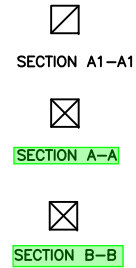
SECTIONS J-J
LEG B



SECTIONS J-J
LEG C



SECTIONS J-J
LEG D



TOWER TYPE USED: HSG+6

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

ENERGY FIJI LTD

VUDA - WAILOA LINE
TOWER 68-2(22) OUTLINE

SCALE N.T.S

VUD-WAI 68-2

ISS. -1

A1

