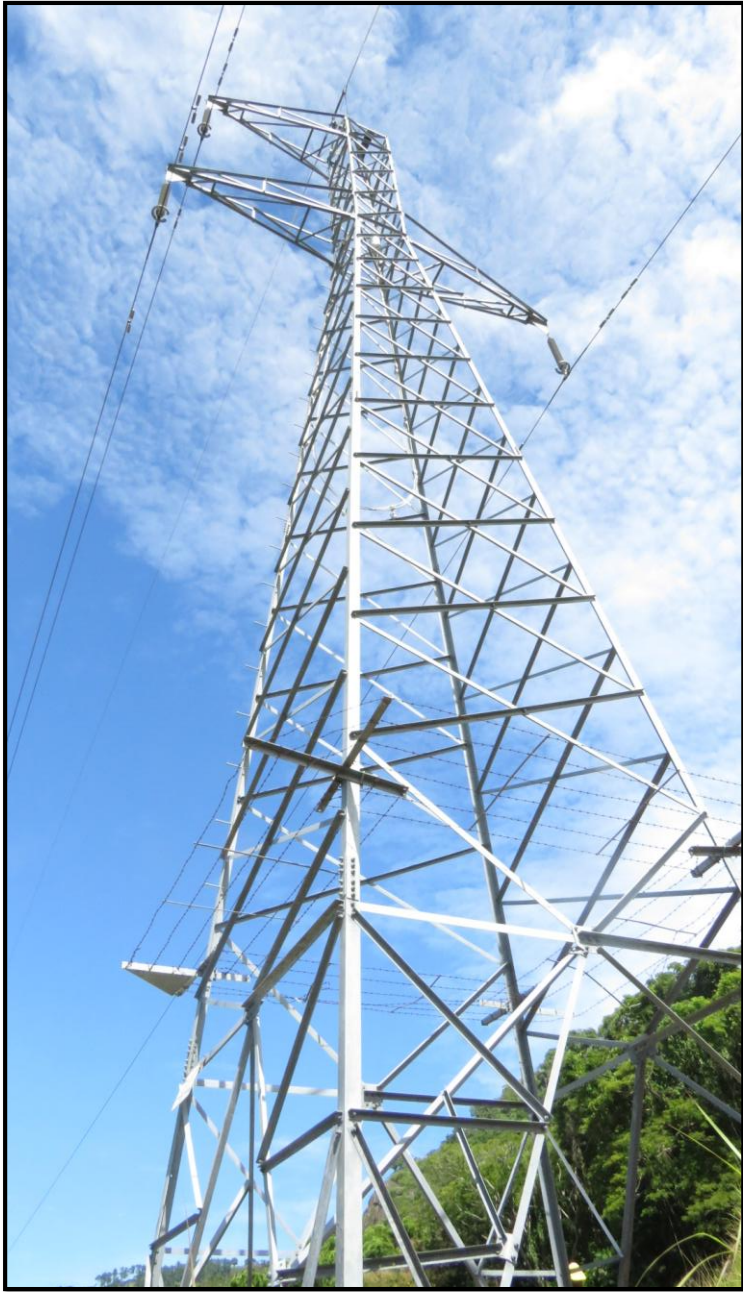




Structure looking towards AB Face



Tower ID	WAI-VUD-A0018	
Contract number	HSG+/-0	
Final No.	70-2	
Insulator Type/ Condition	COMPOSITE	
Type	SUS	
Body Extn - size	0	
Legs - size	-1, +1, +1, +/-0	
Earth Wire	YES	
Tower Area m²	127	
Rust m²	6	5%
Sweep m²	109	86%

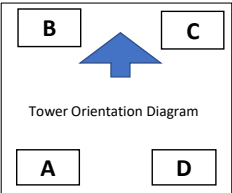
RC steel identified	No
Earth plates fitted/ Compliant	NO - 0
Climbing Deterrent Fitted	YES
Padlock Type	None
Environmental Rating	Low impact on neighbouring activities, low level protection from public.
Vehicle Access	No Vehicle access directly to towers and/ or requires maintenance prior to vehicle access.
Vegetation Control	Required Minor
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
LSD - faded
No access directly to the tower
Anti-climb in need of repair.
Steep terrain around tower
Major culvert upgrade needed

Step Bolts: 58
Comment: GOOD
RC Bolts 1



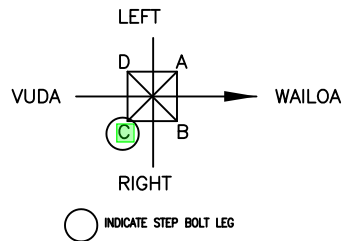
LSD on DA Face



#N/A



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD-A			
				21/01/2025				DRG. SIZE	SCALE	FOLDER	
LandOwner	Refer To Efl	Inspector-Tower	Des Gracie		LATITUDE	17°42'36.72"S		WID	0	SHEET	REVISION
TowerAccess	Wailoko	Inspector-Ground	Des Gracie		LONGITUDE	177°29'29.04"E				1	2
ContactName	Refer To Efl	Draft Report	R Glover	7/05/2025						WAI-VUD-A0018	
ContactPhone	Refer To Efl	Report Review	M Boardman	7/05/2025							
Work Scope Assessment Report - May-2025											



STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No.	18
BODY EXTN:	0
LEG A:	-1
LEG B:	+1
LEG C:	+1
LEG D:	+/-0
INSPECTED BY:	DG
COMPANY:	LUMEN
DATE:	21/1/25

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

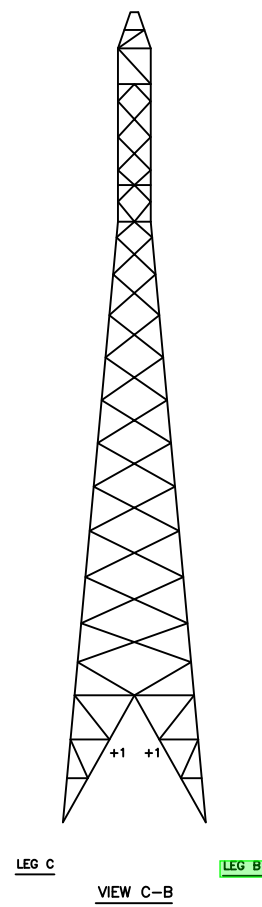
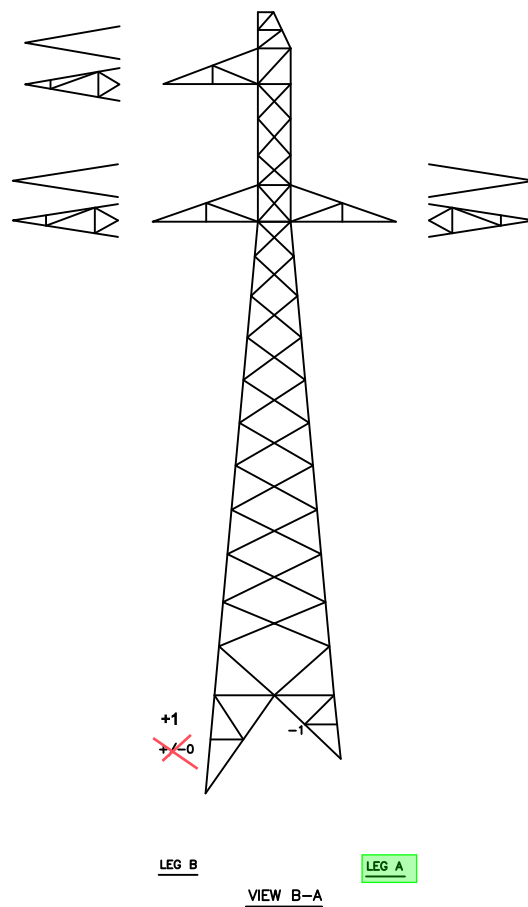
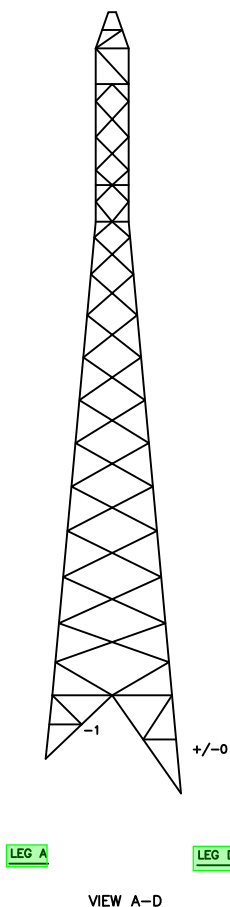
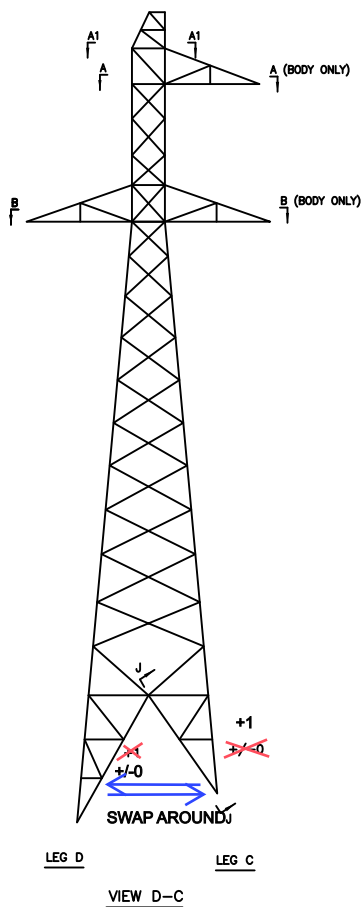
HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

BOTTOM

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

ATTACHMENT DETAILS

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



TOWER TYPE USED: HSG+/-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		SCALE N.T.S	
VUDA - WAILOA LINE TOWER 70-2(18) OUTLINE		VUD-WAI 70-2	ISS. -1