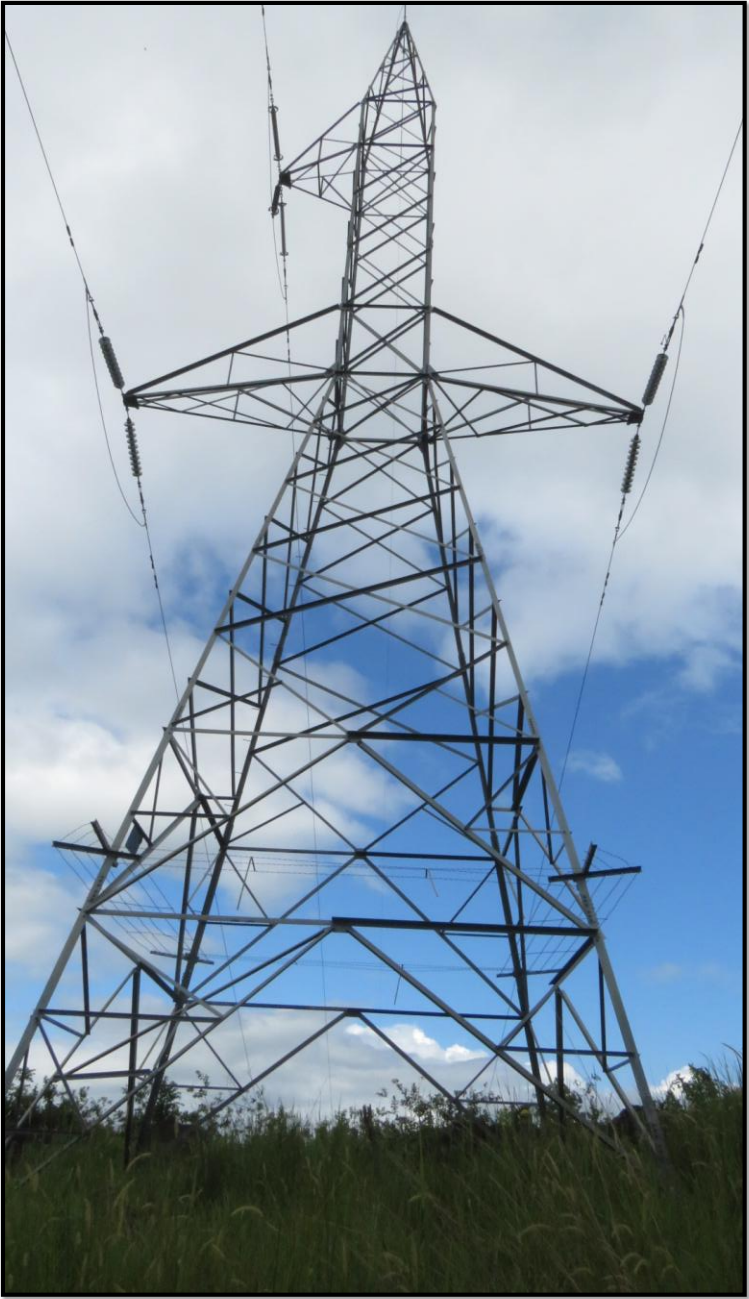




Structure looking towards AB Face



Tower ID	WAI-VUD-A0033	
Contract number	DG+/-0	
Final No.	65-1	
Insulator Type/ Condition	PORCELAIN	
Type	STR	
Body Extn - size	0	
Legs - size	+/-0, +1, +/-0, +/-0	
Earth Wire	YES	
Tower Area m²	223	
Rust m²	20	9%
Sweep m²	167	75%

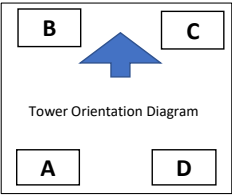
RC steel identified	No
Earth plates fitted/ Compliant	no - 0
Climbing Deterrent Fitted	YES
Padlock Type	None
Environmental Rating	Medium impact on neighbouring activities requires protection from public
Vehicle Access	No Vehicle access directly to towers and/ or requires maintenance prior to vehicle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

Comments
Track access maintenance required prior to entry
No cpi - Fiji
CTE painted 1m up each leg
Light ZCP through out structure
Dross throughout structure on steel
No access directly to the tower
Anti-climb in need of repair.
Major scrub around tower to be cleared
Barbed wire farm fence running through tower

Step Bolts: 80
Comment: GOOD
RC Bolts 5



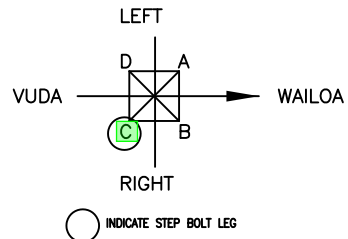
LSD on CD Face



#N/A



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD-A			
				18/01/2025				DRG. SIZE	SCALE	FOLDER	
LandOwner	Refer To Efl	Inspector-Tower	Des Gracie		LATITUDE	17°42'42.12"S		WID	0	1	2
TowerAccess	Zip Line Sabeto. No Direct Access To Site	Inspector-Ground	Des Gracie		LONGITUDE	177°32'34.44"E					
ContactName	Refer To Efl	Draft Report	R Glover	7/05/2025			Work Scope Assessment Report - May-2025				
ContactPhone	Refer To Efl	Report Review	M Boardman	7/05/2025							
								WAI-VUD-A0033			



STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No.	33
BODY EXTN:	0
LEG A:	+/-0
LEG B:	+1
LEG C:	+/-0
LEG D:	+/-0
INSPECTED BY:	DG
COMPANY:	LUMEN
DATE:	18/1/25

FOUNDATIONS	
GRILLAGE	
CONCRETE	SAC
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	PLT

EARTHPEAK

SINGLE E/PEAK

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

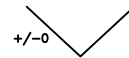
TOP

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

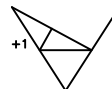
BOTTOM

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

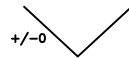
ATTACHMENT DETAILS



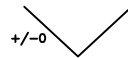
SECTIONS J-J
LEG A



SECTIONS J-J
LEG B



SECTIONS J-J
LEG C



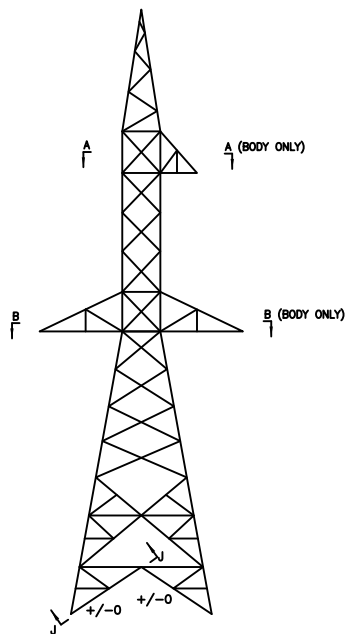
SECTIONS J-J
LEG D



SECTION A-A



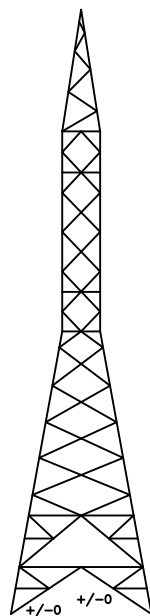
SECTION B-B



LEG D

LEG C

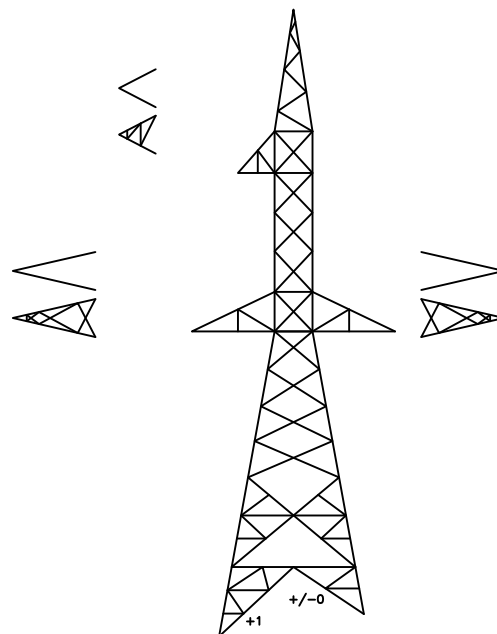
VIEW D-C



LEG A

LEG D

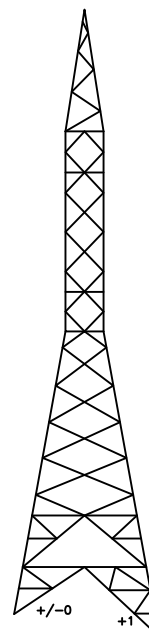
VIEW A-D



LEG B

LEG A

VIEW B-A



LEG C

LEG B

VIEW C-B

TOWER TYPE USED: DG+/-0

AMENDMENT				BY	CHKD	DATE	AMENDMENT				BY	CHKD	DATE

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

LUMEN
Consulting
210 Hazeldean Rd.
PO Box 25052
Christchurch, New Zealand
Tel +64 (03) 377 1546

ENERGY FIJI LTD

VUDA - WAILOA LINE
TOWER 65-1(33) OUTLINE

SCALE N.T.S

VUD-WAI 65-1

ISS.
-1