



Tower ID	WAI-VUD-A0013	
Contract number	HSG+9	
Final No.	72-3	
Insulator Type/ Condition	COMPOSITE	
Type	SUS	
Body Extn - size	0	
Legs - size	+1, +1, +/-0, +/-0	
Earth Wire	YES	
Tower Area m²	148	
Rust m²	20	13%
Sweep m²	123	83%

RC steel identified	No
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	Dry Stock farming (sheep, beef, deer or a combination)
Foundation Connection Type	TSC
Bridge/ Culverts	YES
Cell Coverage	Average

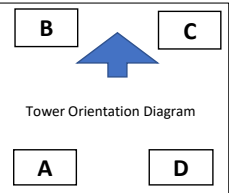
Comments
Locked gate, key required from owner of property, refer to landowner notes.
CPI - no cpi's in fiji
CTE on all 4 legs, CTE has failed
Sharp dross throughout tower
LSD - faded
Access steep, and rutted, caution advised in the wet.
1km walk access to tower only.
River, 100m off AB face
EFL have come through and cleared the base of the structure.
Tree stump to be cut on D-Leg, DA Face

33kv, 150m off AB face
11kV & 33kV underpass, midspan forward

Step Bolts: 90
Comment: Minor SURFACE RUST
RC Bolts 2



LSD on CD Face



#N/A

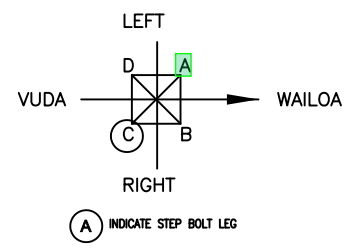


Structure looking towards CD Face



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD-A						
LandOwner	Efl To Sort Out	Inspector-Tower	Karl Formo	12/02/2025	LATITUDE	17°42'45.72"S		DRG. SIZE	SCALE	FOLDER				
				TowerAccess	Mr Khan Road	Inspector-Ground		Karl Formo	LONGITUDE	177°35'11.76"E	A3	N/A	CAP20477	
				ContactName	Krishneel Mudillar	Draft Report		R Glover						
				ContactPhone	+679 9059795	Report Review		M Boardman	12/02/2025					
Work Scope Assessment Report - Feb-2025								WID	0	SHEET	REVISION			
								1				2		
WAI-VUD-A0013														

© COPYRIGHT 2007 LINETECH CONSULTING LIMITED
ALL RIGHTS RESERVED. UNAUTHORISED USE PROHIBITED.



STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No:	0013
BODY EXTN:	NIL
LEG A:	+1
LEG B:	+1
LEG C:	+/-0
LEG D:	+/-0
INSPECTED BY:	K.Fomo
COMPANY:	Lumen
DATE:	12/02/2025

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	

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	

HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	

HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	

EARTHPEAK

SINGLE E/PEAK

TOP

BOTTOM

ATTACHMENT DETAILS

SECTIONS J-J
LEG A

SECTIONS J-J
LEG B

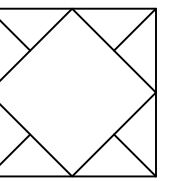
SECTIONS J-J
LEG C

SECTIONS J-J
LEG D

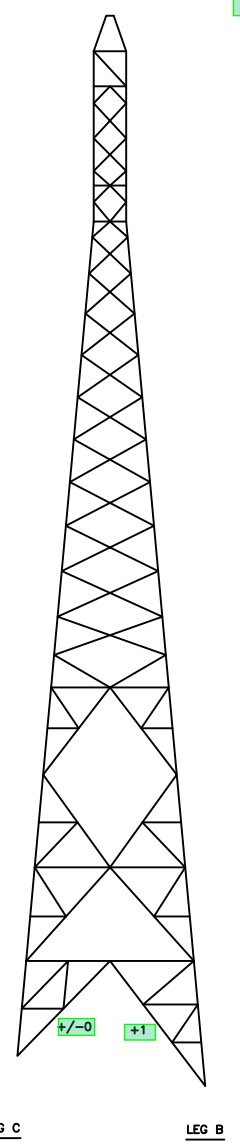
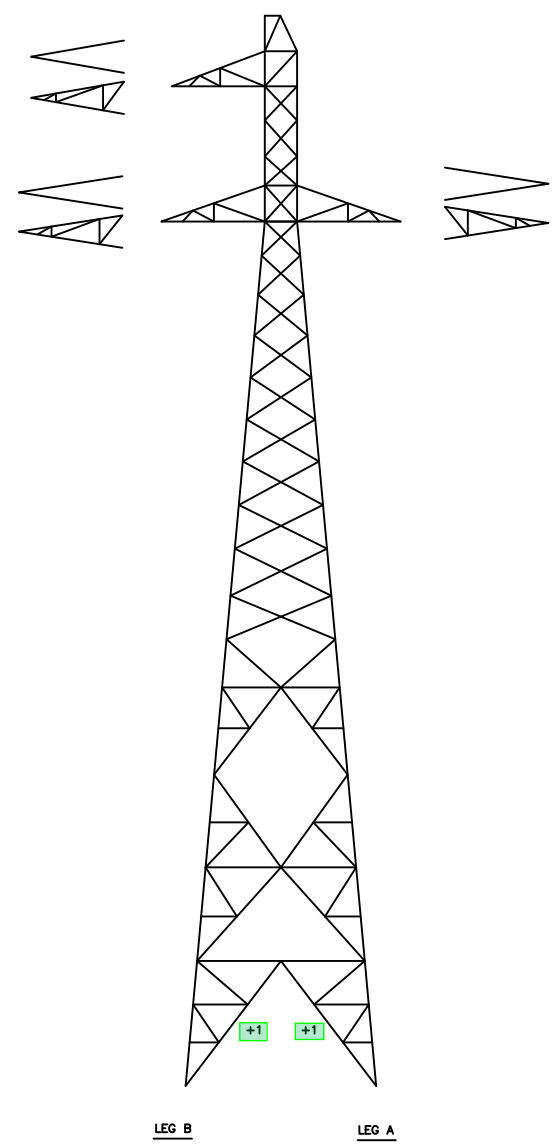
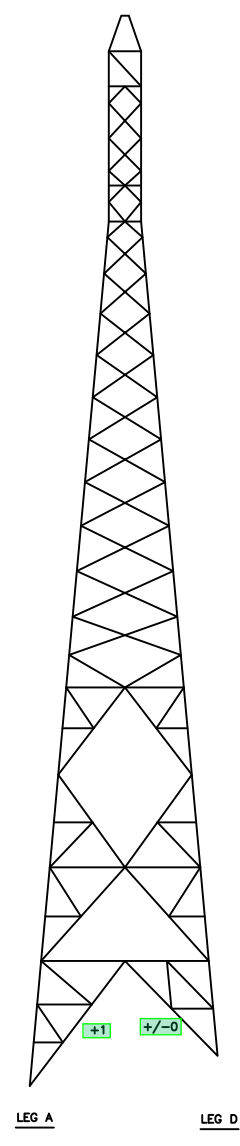
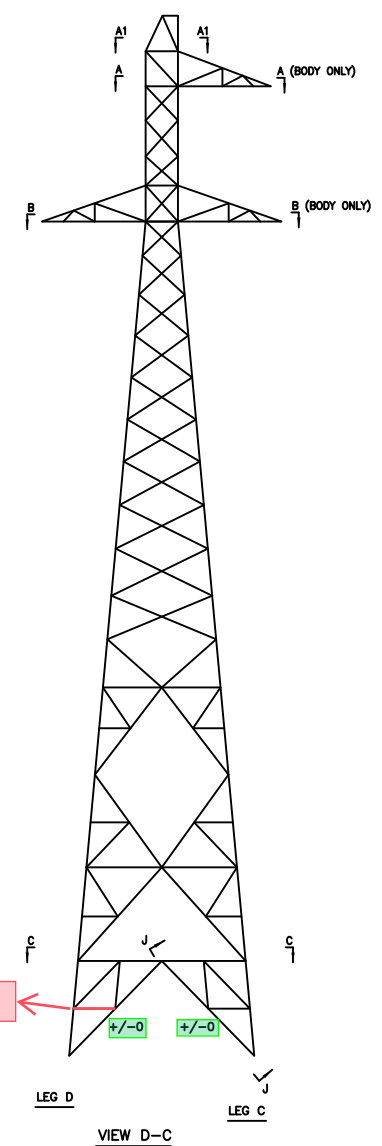
SECTION A1-A1

SECTION A-A

SECTION B-B



SECTION C-C



TOWER TYPE USED: HSG+9

AMENDMENT	BY	CHKD	DATE	AMENDMENT	BY	CHKD	DATE
-2 CROSSARMS 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 72-3(13) OUTLINE		VUD-WAI 72-3	ISS. -2

