



Structure looking towards CD Face



Device Position Description	WAI-VUD-A0027	
Tower	67-1	
Contract number	S2G-3	
Tower Type	0	
Body - size	0	
Body Extn - size	0	
Legs - size	+1, +1, +1, +/-0	
Earth Wire	YES	
Paint Type	0	
Tower Area m²	106	
MAD Tower Area m²	6	
Spot Blast m²	0	0%
Rust m²	6	6%
Sweep m²	77	73%

Comments		
Track access maintenance required prior to entry		
No CPI - Fiji		
Major vegetation management needed around base of structure.		
CTE painted 1m up each Leg		
Light ZCP through out structure		
Dross throughout structure on steel		
There are two River fords on the way to the structure, exercise caution during wet season		
Bird excrement on members throughout structure		
LSD - faded		
TVHZ, 4 wire fence withing 5m of C-Leg		
Step Bolts: 46		
Comment: GOOD		
RC Bolts 5		
Comment:		



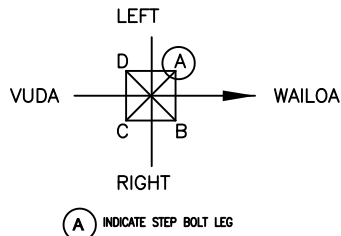
RC steel identified	0
Earth plates fitted/ Compliant	NO - 0
Climbing Deterrent Fitted	YES
Padlock Type	None
Environmental Rating	Low impact on neighbouring activitiied, low level protection from public.
Vehicle Access	Grass paddock or hill. Some caution needed in wet weather.
Vegetation Control	Required Major
Property Usage	Dry Stock farming (sheep, beef, deer or a combination)
Foundation Connection Type	TSC
Bridge/ Culverts	YES
Cell Coverage	Average
Insulator Type/ Condition	COMPOSITE
Corrosion Zone	C4
Wet Abrasive Blast issues Y/N	Yes

Wailoa- Vuda



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD A Paint Towers 19/20		DRG. SIZE	SCALE	FOLDER	
				11/07/2023				A3	N/A	CAP18365			
LandOwner	Refer To Efl	Inspector-Tower	Karl Formo		LATITUDE	17°42'39.24"S		Work Scope Assessment Report - Jun-2023	WID	MR57-2021	SHEET	REVISION	
TowerAccess	Second Turn Left After Fulton College Off Sabeto Road, Sabeto, Nadi District	Inspector-Ground	Karl Formo		LONGITUDE	177°31'19.92"E					1	2	
ContactName	Refer To Efl	Draft Report	R. Glover	24/04/2023					WAI-VUD-A0027				
ContactPhone	Refer To Efl	Report Review											





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	

STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No.	0027
BODY EXTN:	NIL
LEG A:	+1
LEG B:	+1
LEG C:	+1
LEG D:	+/-0
INSPECTED BY:	K. FORMO
COMPANY:	LUMEN
DATE:	11/07/2023

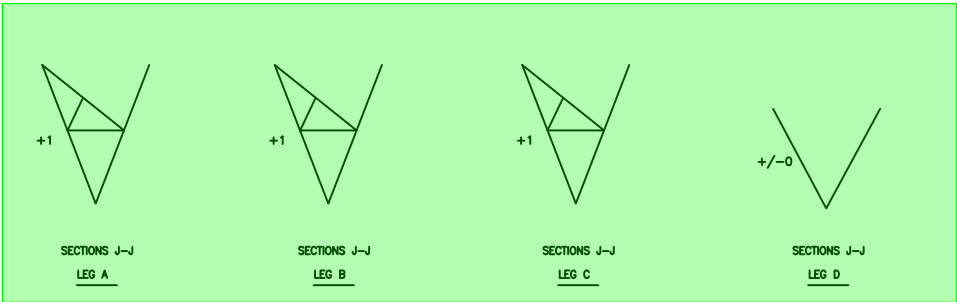
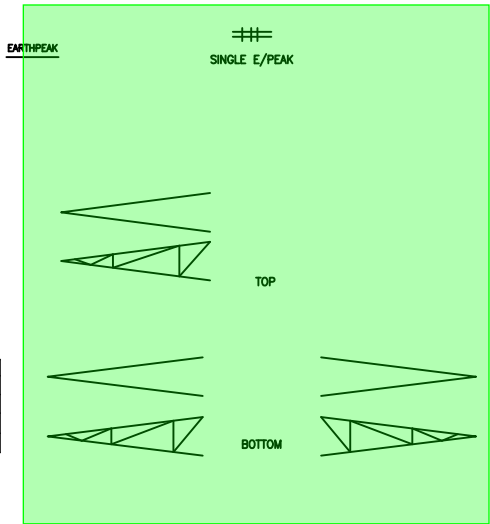
FOUNDATIONS	
GRILLAGE	Y
CONCRETE	
MASS CONC.	

PLATE	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

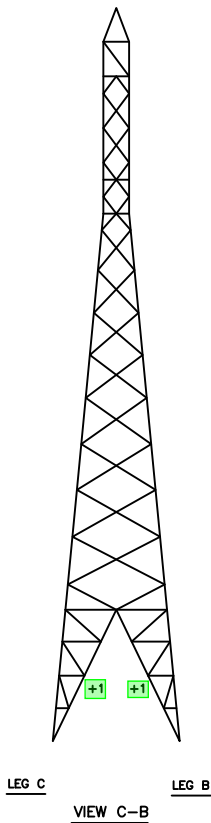
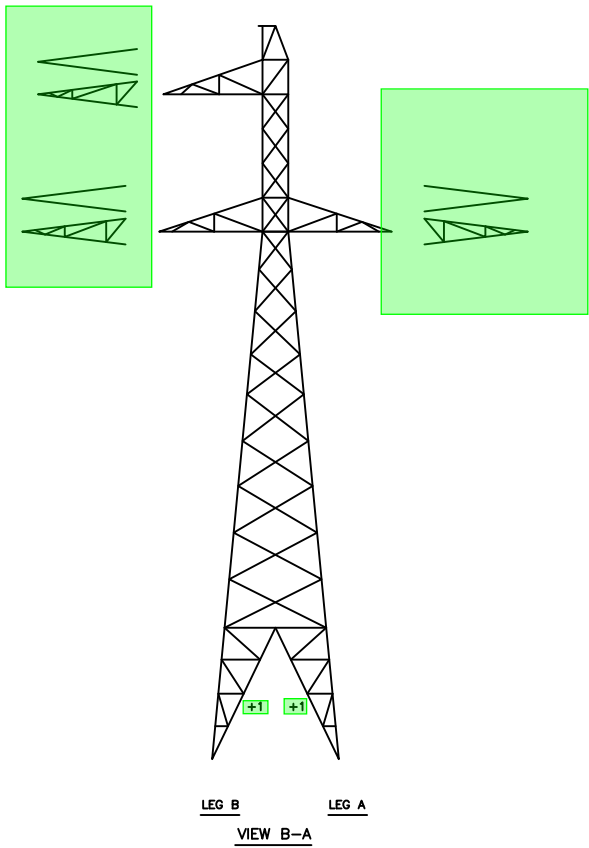
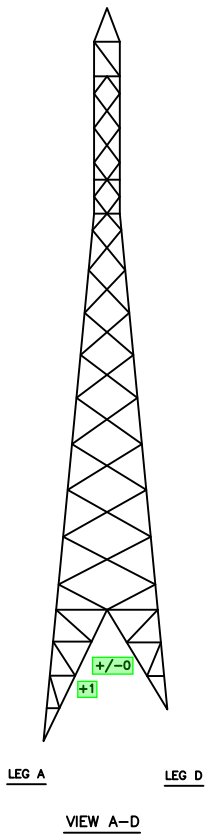
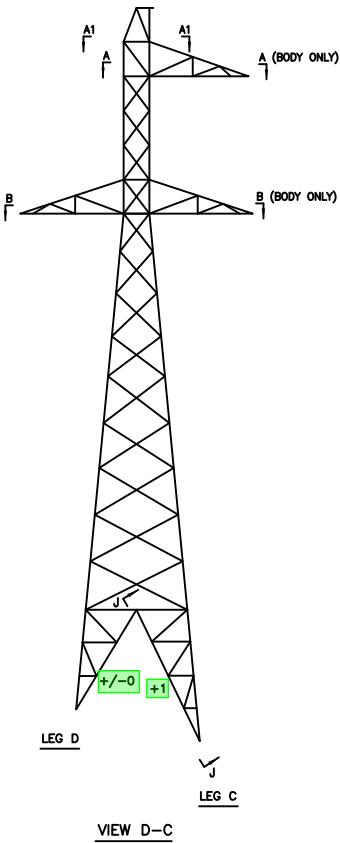
HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	



SECTION A1-A1

SECTION A-A

SECTION B-B



TOWER TYPE USED: S2G-3

AMENDMENT	BY	CHKD	DATE	AMENDMENT	BY	CHKD	DATE
-2 INTERNAL LEG BRACING REVISED	ML		8.22				

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

VUDA - WAILOA LINE
TOWER 67-1(27) OUTLINE

SCALE	N.T.S	ISS.
VUD-WAI 67-1		-2