



Structure looking towards CD Face



Device Position Description	WAI-VUD-A0026	
Tower	67-2	
Contract number	S2G-3	
Tower Type	0	
Body - size	0	
Body Extn - size	0	
Legs - size	+/- 0, +1, +/- 0	
Earth Wire	YES	
Paint Type	0	
Tower Area m²	104	
MAD Tower Area m²	6	
Spot Blast m²		
Rust m²	7	7%
Sweep m²	76	73%

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 Minor
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

Comments	
Track access maintenance required prior to entry, walk the last 300m	
No CPI - Fiji	
Minor 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 three river fords on the way to the structure, exercise caution during wet season	
Bird excrement on members throughout structure	
LSD - DA- Face faded	
Minor bend on k-brace, on D-Leg	
Step Bolts: 44	
Comment: GOOD	
RC Bolts 5	
Comment:	

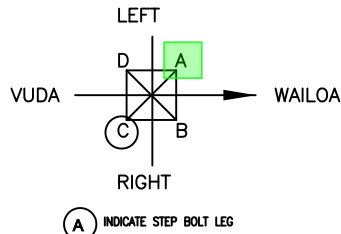


Wailoa- Vuda



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD A Paint Towers 19/20								
LandOwner	Refer To Efl	Inspector-Tower	Karl Formo	7/07/2023	LATITUDE	17°42'38.88"S		DRG. SIZE	SCALE	FOLDER						
								A3	N/A	CAP18365						
				TowerAccess				Second Turn Left After Fulton College Off Sabeto Road, Sabeto, Nadi District <th rowspan="2">Inspector-Ground</th> <td rowspan="2">Karl Formo</td> <th rowspan="2">LONGITUDE</th> <td rowspan="2">177°31'13.44"E</td> <th rowspan="2">WID</th> <td rowspan="2">MR57-2021<th>SHEET</th><th>REVISION</th></td>	Inspector-Ground	Karl Formo	LONGITUDE	177°31'13.44"E	WID	MR57-2021 <th>SHEET</th> <th>REVISION</th>	SHEET	REVISION
															1	2
ContactName	Refer To Efl	Draft Report	R. Glover	24/04/2023			Work Scope Assessment Report - Jun-2023									
ContactPhone	Refer To Efl	Report Review					WAI-VUD-A0026									





STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No.	0026
BODY EXTN:	NIL
LEG A:	+/-0
LEG B:	+1
LEG C:	+1
LEG D:	+/-0
INSPECTED BY:	K.FORMO
COMPANY:	LUMEN
DATE:	08/07/2023

FOUNDATIONS	
GRILLAGE	Y
CONCRETE	
MASS CONC.	

NUMBER OF REPLACEMENT CRITERIA STEEL MEMBERS	
MINOR	
MAJOR(CRITICAL)	
MAJOR(OTHER)	

NUMBER OF REPLACEMENT CRITERIA BOLTS	

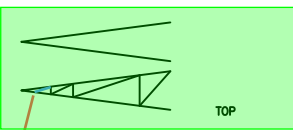
RC STEEL	
STEEL RATED AT CA21-30	
RC BOLTS	

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

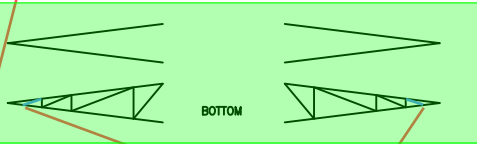
EARTH/PEAK

SINGLE E/PEAK

HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	



HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

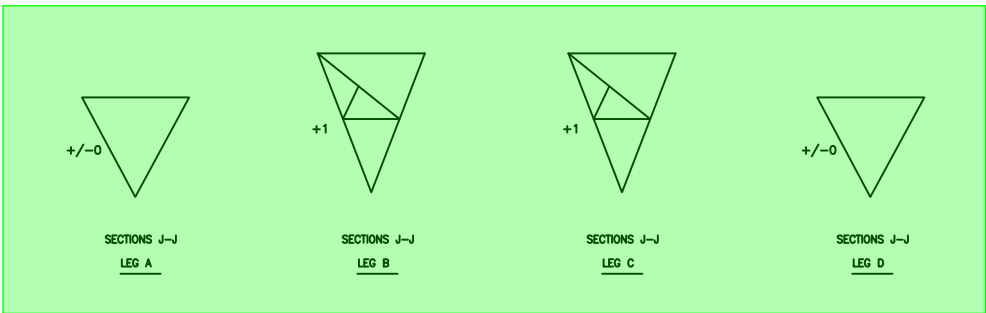


HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

ADD IN STEEL

ATTACHMENT DETAILS

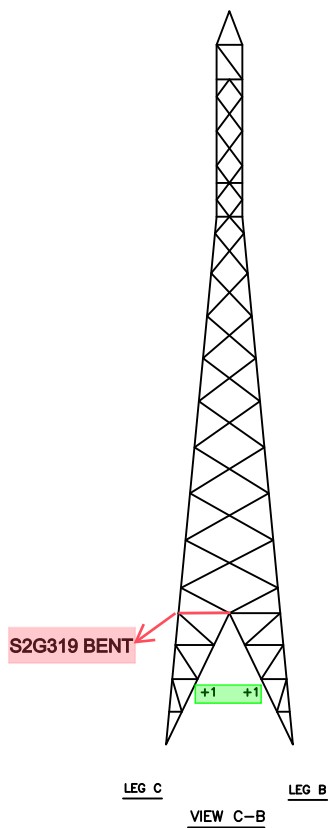
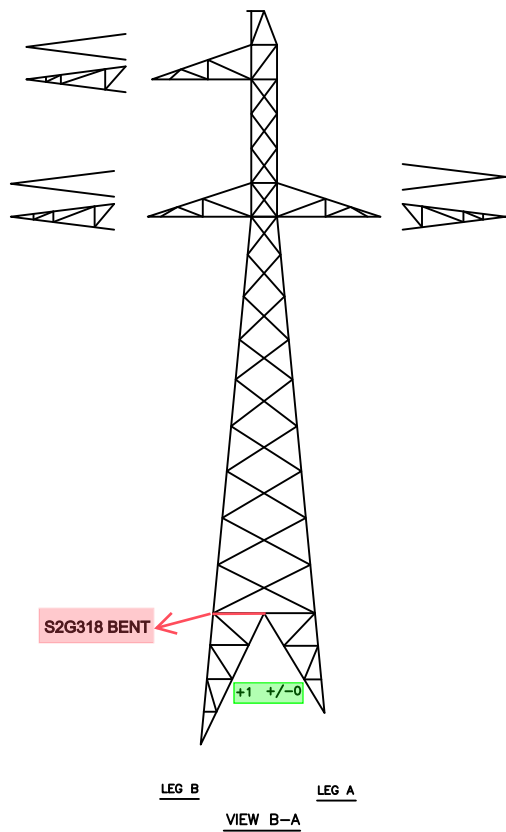
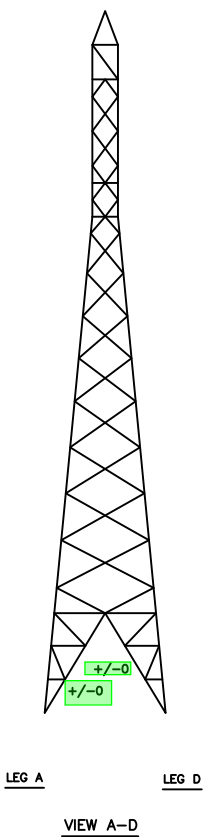
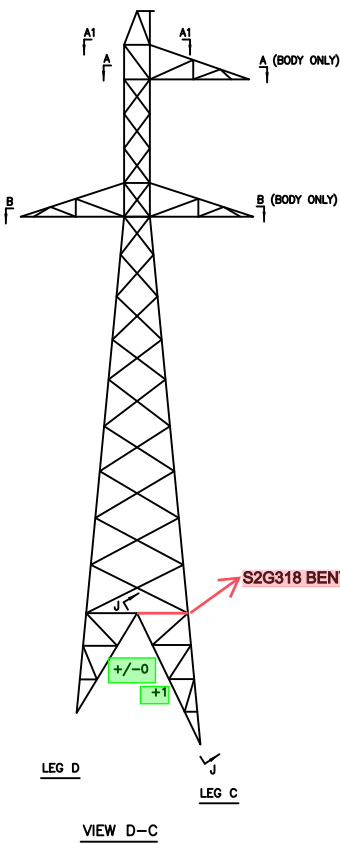
ADD IN STEEL



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 Hazelden Rd.
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Christchurch, New Zealand
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ENERGY FIJI LTD

VUDA - WALOIA LINE
TOWER 67-2(26) OUTLINE

SCALE N.T.S

VUD-WAI 67-2

ISS.

-2