



Structure looking towards CD Face



Device Position Description	WAI-VUD-A0025	
Tower	67-3	
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	6%
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
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 two river fords on the way to the structure, exercise caution during wet season
bird excrement on members throughout structure
lsd - missing
minor bend on k-brace, on d-leg
cd face.

Step Bolts: 44

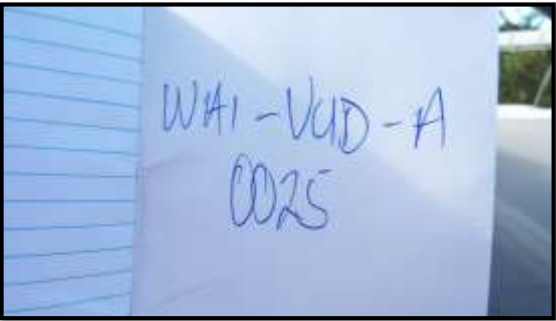
Comment: GOOD

RC Bolts 5

Comment:

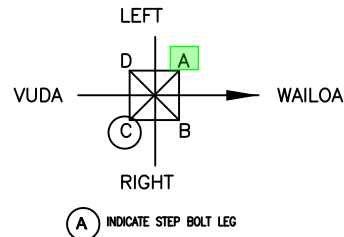


Wailoa- Vuda



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°42'38.52"S		DRG. SIZE	SCALE	FOLDER						
				A3				N/A	CAP18365							
				TowerAccess				Second Turn Left After Fulton College Off Sabeto Road, Sabeto, Nadi District	Inspector-Ground	Karl Formo	LONGITUDE	177°31'4.80"E	WID	MR57-2021	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-A0025					





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.	0025
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

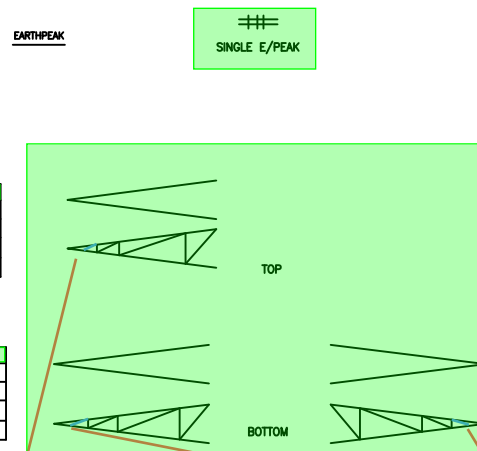
FOUNDATIONS	
GRILLAGE	Y
CONCRETE	
MASS CONC.	

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

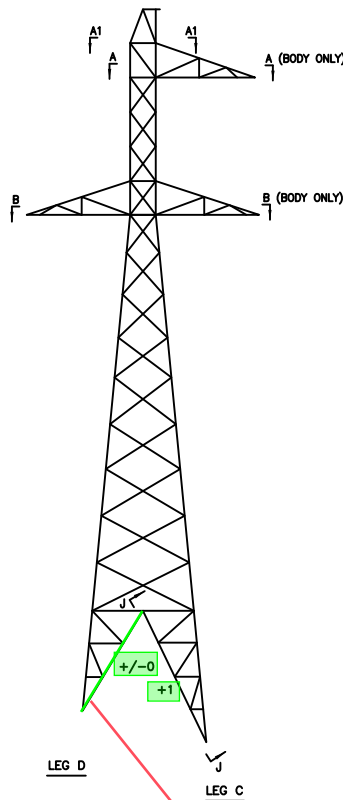
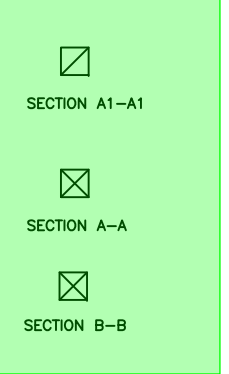
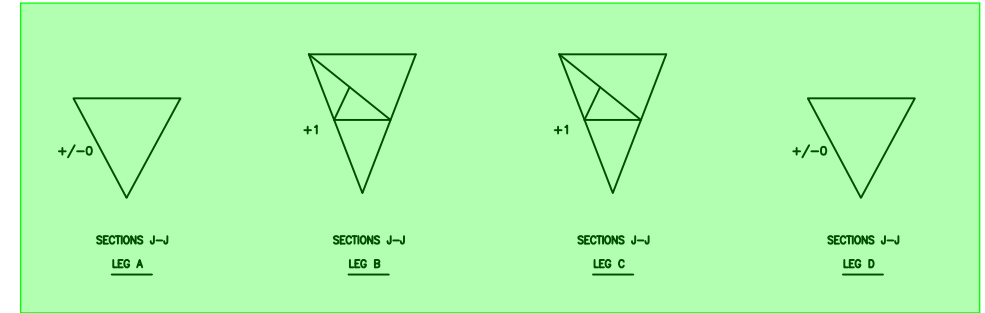
HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

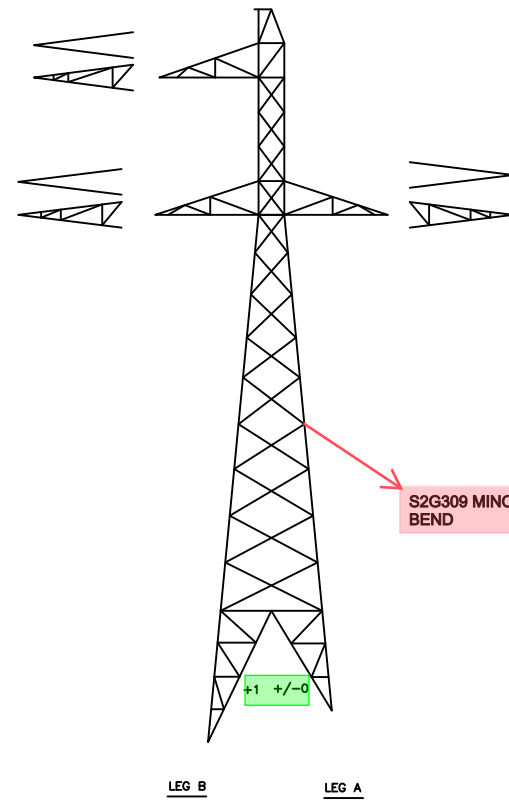
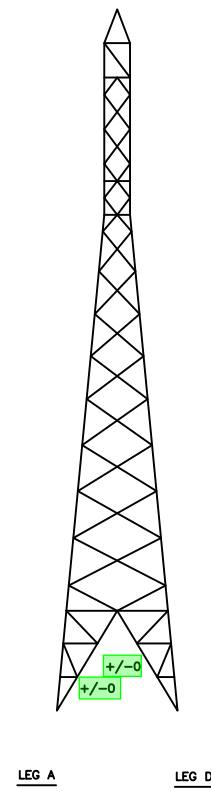


ADD IN EXTRA STEEL

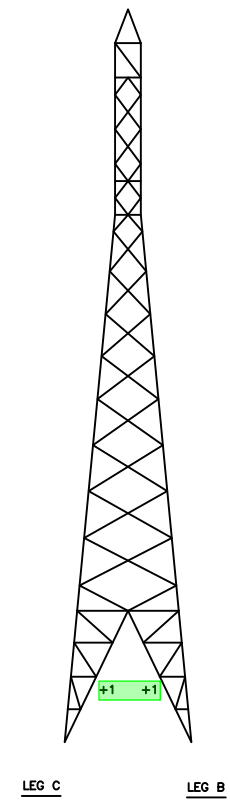
ADD IN EXTRA STEEL



#1 K BRACE PAINT
MINOR BEND ON K BRACE



S2G309 MINOR BEND



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.
PO Box 25052
Christchurch, New Zealand
Tel +64 (03) 377 1546

ENERGY FIJI LTD

VUDA - WALOIA LINE
TOWER 67-3(25) OUTLINE

SCALE	N.T.S
VUD-WAI 67-3	ISS. -2