



Structure looking towards AB Face



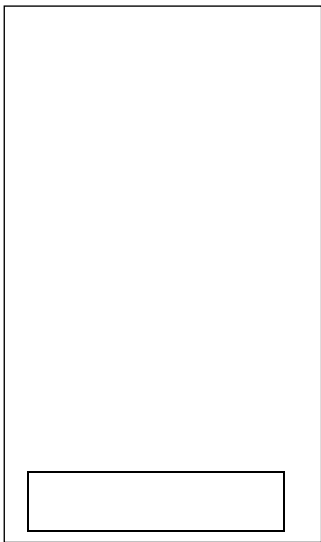
Tower ID	WAI-VUD-A0044	
Contract number	S2G+/-0	
Final No.	60-3	
Insulator Type/ Condition	COMPOSITE	
Type	0	
Body Extn - size	0	
Legs - size	+1, +/-0, +/-0, +1	
Earth Wire	YES	
Tower Area m²	127	
Rust m²	9	7%
Sweep m²	93	73%

RC steel identified	No
Earth plates fitted/ Compliant	#N/A
Climbing Deterrent Fitted	YES
Padlock Type	None
Environmental Rating	Low impact on neighbouring activities, easily secured from public.
Vehicle Access	Grass paddock or hill. Some caution needed in wet weather.
Vegetation Control	Required Minor
Property Usage	Commercial
Foundation Connection Type	TSC
Bridge/ Culverts	YES
Cell Coverage	Average

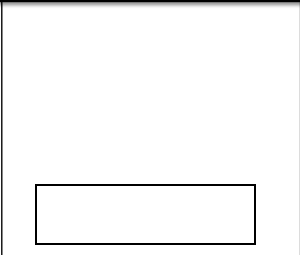
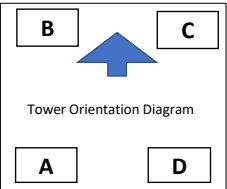
Comments

LSD - faded
no cpi - Fiji
Minor vegetation management needed around base of structure.
CTE painted 1m up each leg
Light ZCP throughout structure
Galv dross throughout structure
2 x aerial id
Structure situated in a gold mine
Heavy machinery moving round site, caution required
Site induction maybe required prior to entry, once site is up and running properly
Bird excrement throughout tower

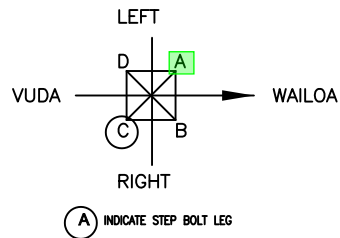
Step Bolts: 54
Comment: GOOD
RC Bolts 5



LSD on BC Face



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD-A				
				13/07/2023					DRG. SIZE	SCALE	FOLDER	
LandOwner	Refer To Efl	Inspector-Tower	Karl Formo		LATITUDE	17°42'45.72"S			A3	N/A	CAP20477	
TowerAccess	Tuvatu Road - Lion One Gold Mine	Inspector-Ground	Karl Formo		LONGITUDE	177°35'11.76"E		Work Scope Assessment Report - May-2025	WID	0	SHEET	REVISION
ContactName	Refer To Efl	Draft Report	R Glover	7/05/2025							1	2
ContactPhone	Refer To Efl	Report Review	M Boardman	7/05/2025			WAI-VUD-A0044					



STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No:	0044
BODY EXTN:	NIL
LEG A:	+1
LEG B:	+/- 0
LEG C:	+/- 0
LEG D:	+1
INSPECTED BY:	K.FORMO
COMPANY:	IUMEN
DATE:	13/07/2023

FOUNDATIONS	
GRILLAGE	Y
CONCRETE	
MASS CONC.	

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

NUMBER OF REPLACEMENT CRITERIA BOLTS	

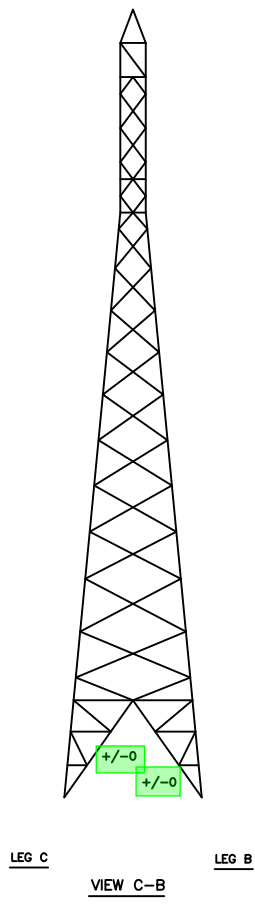
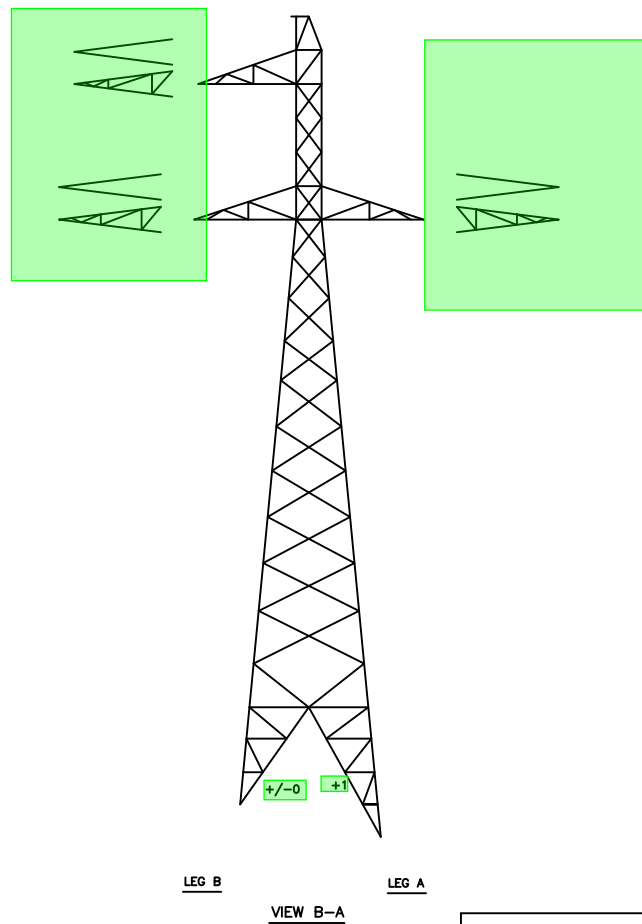
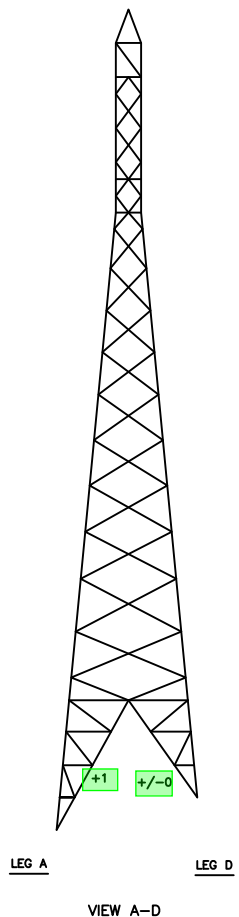
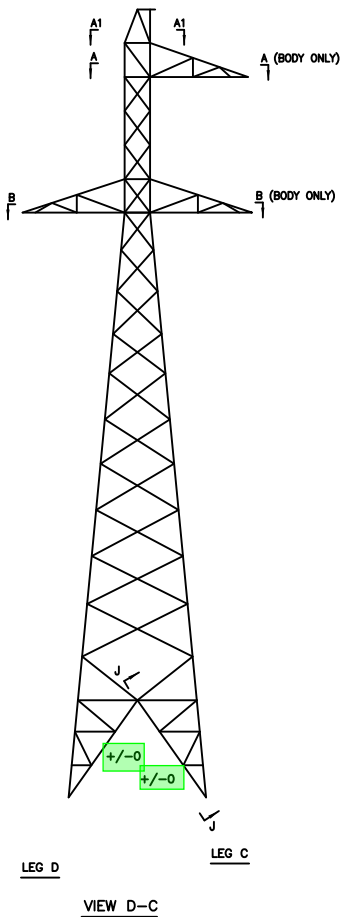
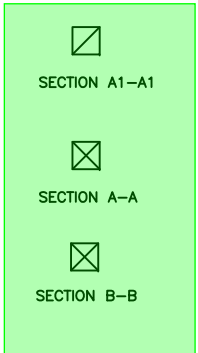
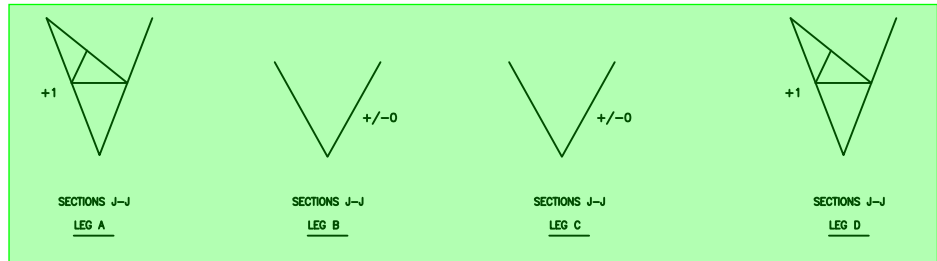
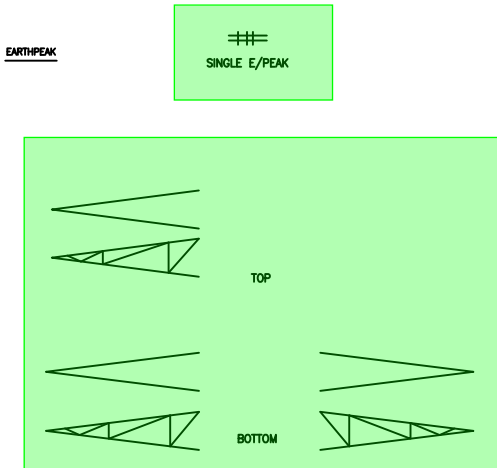
RC STEEL	
STEEL RATED AT CA21-30	
RC BOLTS	

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

HANGER	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	



TOWER TYPE USED: S2G +/-0

AMENDMENT				AMENDMENT			
BY	CHKD	DATE		BY	CHKD	DATE	

DRAWN	M.L.	8.22
DESIGNED	LUMEN	8.22
CHECKED		
APPROVED	-	-
CAD FILE		

LUMEN
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ENERGY FIJI LTD		SCALE N.T.S	
VUDA - WAILOA LINE TOWER 60-3(44) OUTLINE		VUD-WAI 60-3	ISS. -1