



Structure looking towards AB Face



Tower ID	WAI-VUD-A0046	
Contract number	HSG-3	
Final No.	60-1	
Insulator Type/ Condition	COMPOSITE	
Type	SUS	
Body Extn - size	0	
Legs - size	+1, +/-0, +1, +/-0	
Earth Wire	YES	
Tower Area m²	117	
Rust m²	7	6%
Sweep m²	103	88%

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	Grass paddock or hill. Some caution needed in wet weather.
Vegetation Control	Not Required
Property Usage	Commercial
Foundation Connection Type	TSC
Bridge/ Culverts	YES
Cell Coverage	Unknown

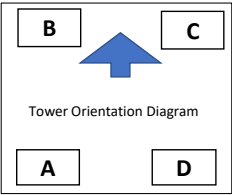
Comments

Structure is in Lion One Tuvatu Gold Mine, access protocols may apply.
Heavy machinery moving about on site, caution advised
cpi - no cpi's in Fiji
CTE on all 4 legs, CTE has failed
Sharp dross throughout tower
LSD - faded
1 step bolt missing just above CDG gate
Traffic in and around structure, caution advised, may have to close road.
Set up area very limited.
Red phase crossarm has a minor bend in it

Step Bolts: 44
Comment: good
RC Bolts 2

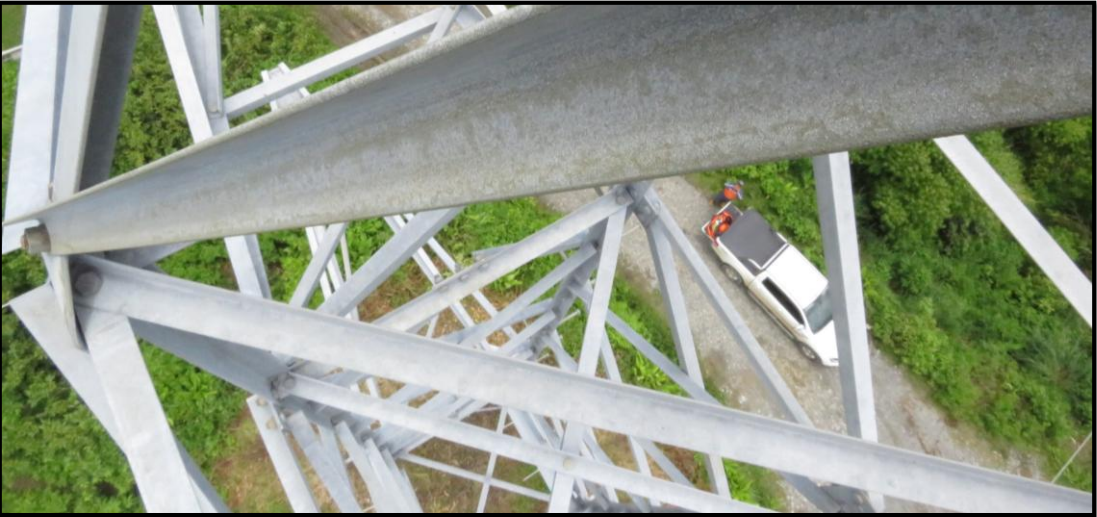


LSD on DA Face



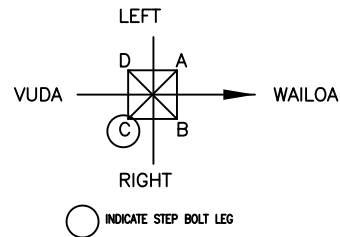
CPI on na na Face

#N/A



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD-A		DRG. SIZE	SCALE	FOLDER		
LandOwner	Lion One	Inspector-Tower	Karl Formo	6/02/2025	LATITUDE	17°42'45.72"S		Work Scope Assessment Report - May-2025	WID	0	A3	N/A	CAP20477	
TowerAccess	Through Lion One	Inspector-Ground	Karl Formo		LONGITUDE	177°35'11.76"E					SHEET	REVISION		
ContactName	Efi To Sort Out	Draft Report	R Glover	7/05/2025							1	2		
ContactPhone	Efi To Sort Out	Report Review	M Boardman	7/05/2025										
											WAI-VUD-A0046			

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STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No:	0046
BODY EXTN:	NIL
LEG A:	+1
LEG B:	+/-0
LEG C:	+1
LEG D:	+/-0
INSPECTED BY:	KF
COMPANY:	LUMEN
DATE:	06/02/2025

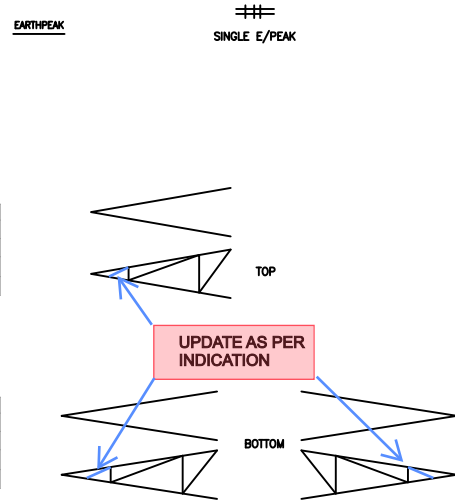
FOUNDATIONS	
GRILLAGE	Y
CONCRETE	
MASS CONC.	

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	

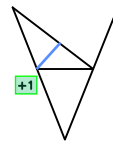
HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	

HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	

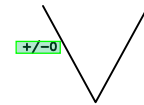


ATTACHMENT DETAILS

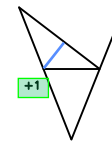
Update drawing accordingly



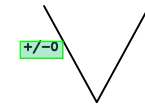
SECTIONS J-J
LEG A



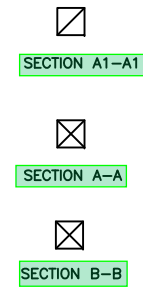
SECTIONS J-J
LEG B



SECTIONS J-J
LEG C



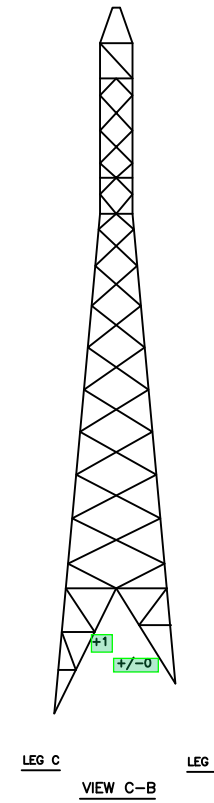
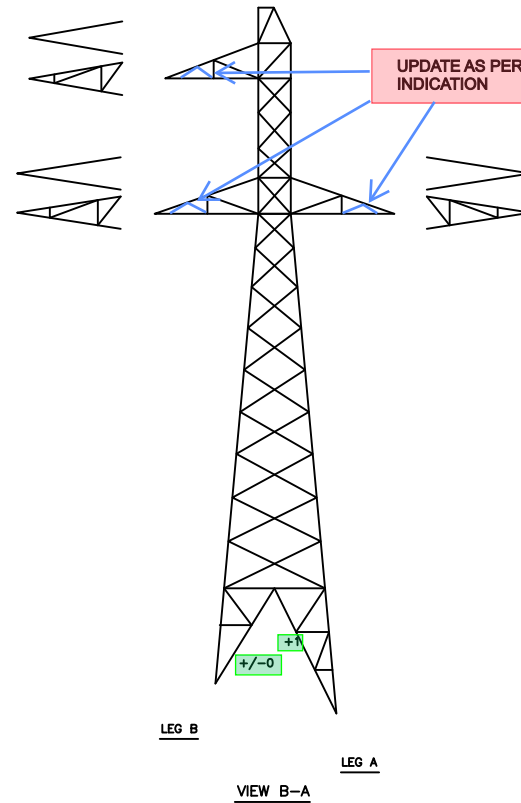
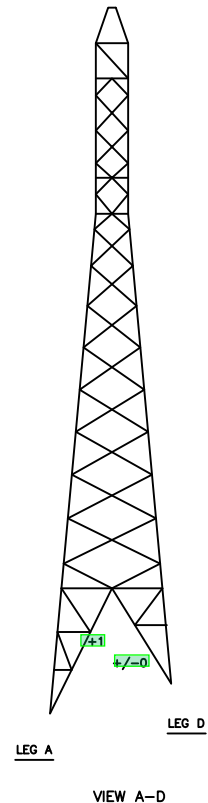
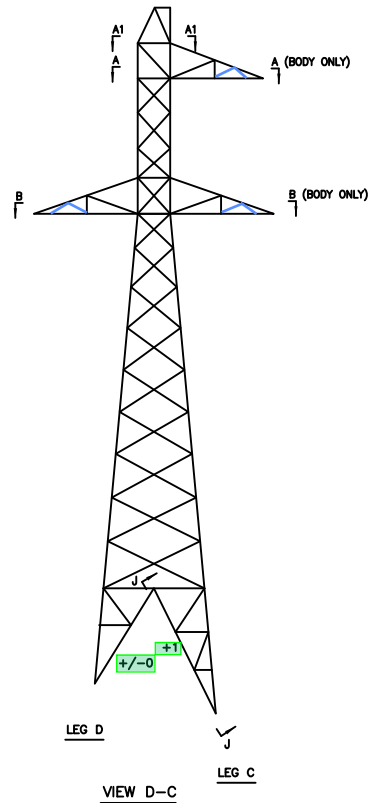
SECTIONS J-J
LEG D



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	



TOWER TYPE USED: HSG-3

AMENDMENT	BY	CHKD	DATE	AMENDMENT	BY	CHKD	DATE

DRAWN	M.L.	3.23
DESIGNED	LUMEN	3.23
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 60-1(46) OUTLINE

SCALE N.T.S

VUD-WAI 60-1

ISS.
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