



Structure looking towards AB Face



Device Position Description	WAI-VUD-A0028	
Tower	66-2	
Contract number	STG-3	
Tower Type	0	
Body - size	0	
Body Extn - size	0	
Legs - size	+/-0, +/-0, +/-0, +/-0	
Earth Wire	YES	
Paint Type	0	
Tower Area m²	116	
MAD Tower Area m²	4	
Spot Blast m²		
Rust m²	5	4%
Sweep m²	88	75%

RC steel identified	0
Earth plates fitted/ Compliant	NO - 0
Climbing Deterrent Fitted	YES
Padlock Type	None
Environmental Rating	Low impact on neighbouring activitied, 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	SAC
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

Major vegetation management needed around base of structure and 200m of track

CTE painted 1m up each Leg

Light ZCP throughout 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

No access directly to the tower

Two step bolts missing on C-Leg between top and bottom cross arms and between top and bottom cords of bottom cross arm.

Two aerial id on earth peak

Anti-climb in need of repair.

Step Bolts: 48

Comment: GOOD


RC Bolts 5

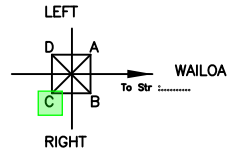
Comment:



Wailoa- Vuda



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD A Paint Towers 19/20		DRG. SIZE	SCALE	FOLDER	
LandOwner	Refer To Efl	Inspector-Tower	Karl Formo	12/07/2023	LATITUDE	17°42'39.24"S		A3	N/A	CAP18365			
TowerAccess	Second Turn Left After Fulton College Off Sabeto Road, Sabeto, Nadi District	Inspector-Ground	Karl Formo		LONGITUDE	177°31'29.28"E		WID	MR57-2021	SHEET	REVISION		
ContactName	Refer To Efl	Draft Report	R. Glover	24/04/2023						1	2		
ContactPhone	Refer To Efl	Report Review								WAI-VUD-A0028			



STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No.	0028
BODY EXTN:	NIL
LEG A:	+/-0
LEG B:	+/-0
LEG C:	+/-0
LEG D:	+/-0
INSPECTED BY:	K. FORMO
COMPANY:	LUMEN
DATE:	12/07/2023

PLATE	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

PLATE	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

PLATE	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

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

FOUNDATIONS	
GRILLAGE	
CONCRETE	SAC
MASS CONC.	

NUMBER OF REPLACEMENT CRITERIA BOLTS	

RC STEEL	
STEEL RATED AT CA21-30	
RC BOLTS	

EARTHPEAK
SINGLE E/PEAK

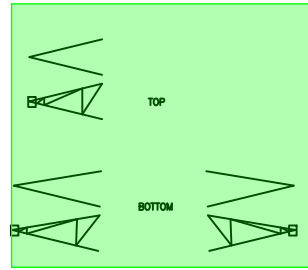
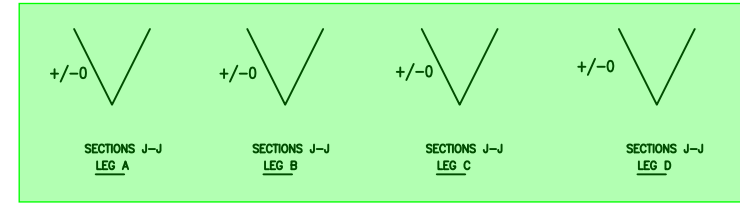


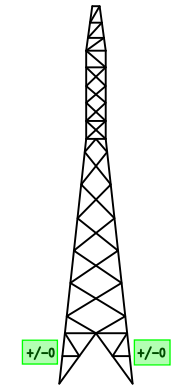
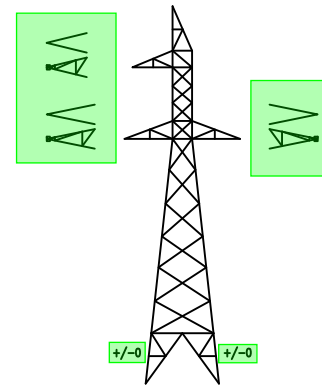
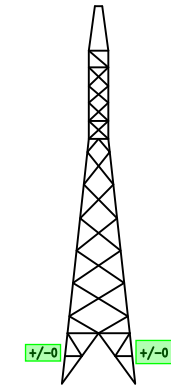
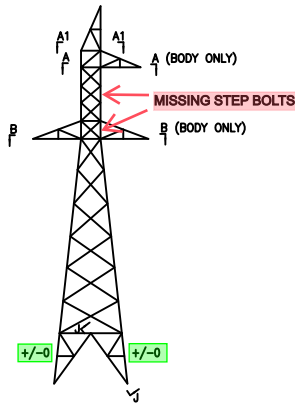
PLATE	Y
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	



SECTION A1-A1

SECTION A-A

SECTION B-B



TOWER TYPE USED: STG-3

AMENDMENT	BY	CHKD	DATE
-1 FIRST EXAMPLE VERSION	LDS		8.22
-2 DRAWING REVISED	LDS		7.23

AMENDMENT	BY	CHKD	DATE

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

LUMEN
Consulting

210 Hazeldean Rd.
PO Box 25002
Christchurch, New Zealand
Tel +64 (03) 377 1546

ENERGY FIJI LTD

VUDA - WAILOA LINE
TOWER 66-2(28) OUTLINE

SCALE N.T.S

VUD-WAI 66-2

ISS. -2