



Structure looking towards AB Face



Device Position Description	WAI-VUD-A0010	
Tower	74-1	
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	4	4%
Sweep m²	71	61%

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	Residential
Foundation Connection Type	SAC
Bridge/ Culverts	NO
Cell Coverage	Average
Insulator Type/ Condition	COMPOSITE
Corrosion Zone	C4
Wet Abrasive Blast issues Y/N	Yes

Comments	
Needs access and base clearing	
Anit-climb need repairing	
33 kV crossing beside tower	
Gravel road within 100m away from A-Leg	
Barbed wire fence next to tower	
Steep drop off 20m into back span	
Old signage on earth peak causing rust on steel members	
Step Bolts: 54	
Comment: very light surface rust	
RC Bolts	
Comment:	

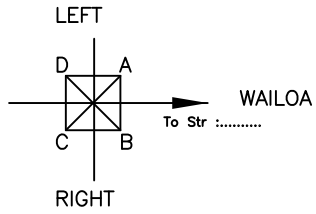


Wailoa- Vuda



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD A Paint Towers 19/20			
				18/08/2022				DRG. SIZE	SCALE	FOLDER	
								A3	N/A	CAP18365	
LandOwner	M R Khan	Inspector-Tower	Des Gracie		LATITUDE	17°41'17.52"S		Work Scope Assessment Report - Jun-2023			
TowerAccess	M R Khan Hill	Inspector-Ground	Des Gracie		LONGITUDE	177°28'5.52"E					
ContactName		Draft Report	R. Glover	24/04/2023							
ContactPhone		Report Review					WAI-VUD-A0010				





○ INDICATE STEP BOLT LEG

STRUCTURE DESCRIPTION	
LINE:	WAI-VUD
STR No:	10
BODY EXTN:	0
LEG A:	0
LEG B:	0
LEG C:	0
LEG D:	0
INSPECTED BY:	DG
COMPANY:	LUMEN
DATE:	18/8/22

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

FOUNDATIONS	
GRILLAGE	
CONCRETE	
MASS CONC.	

NUMBER OF REPLACEMENT CRITERIA BOLTS	

RC STEEL	
STEEL RATED AT CA21-30	
RC BOLTS	

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

EARTHPEAK

≡≡≡
SINGLE E/PEAK

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

TOP

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

BOTTOM

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

ATTACHMENT DETAILS

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

EARTHPEAK

≡≡≡
SINGLE E/PEAK

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

TOP

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

BOTTOM

ATTACHMENT DETAILS

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

SECTION A-A

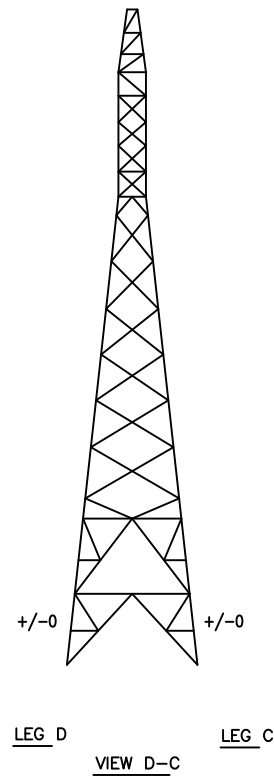
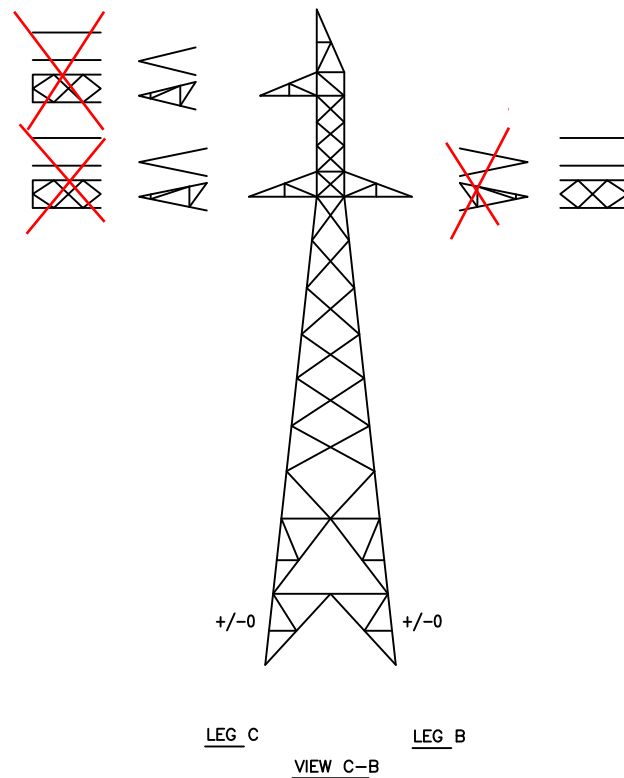
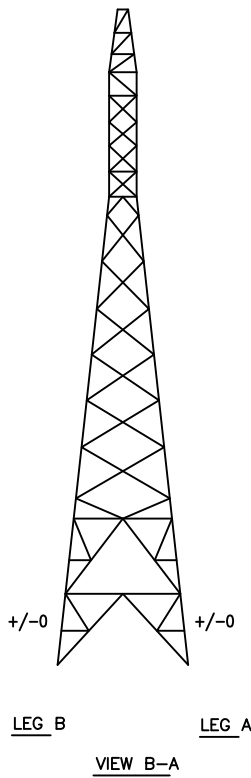
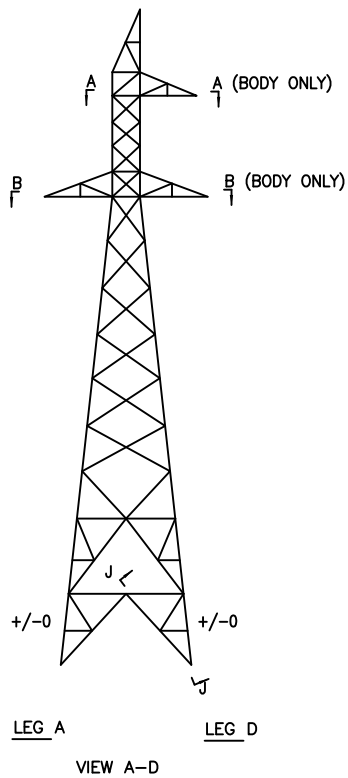
SECTION B-B

SECTIONS J-J
LEG A

SECTIONS J-J
LEG B

SECTIONS J-J
LEG C

SECTIONS J-J
LEG D



TOWER TYPE USED: STG-3

AMENDMENT	BY	CHKD	DATE	AMENDMENT	BY	CHKD	DATE
-1 FIRST EXAMPLE VERSION	LDS		5.22				

DRAWN	M.L.	8.22
DESIGNED	LUMEN	8.22
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 74-1(10) OUTLINE

SCALE N.T.S

VUD-WAI 74-1

ISS. -1