



Structure looking towards CD Face

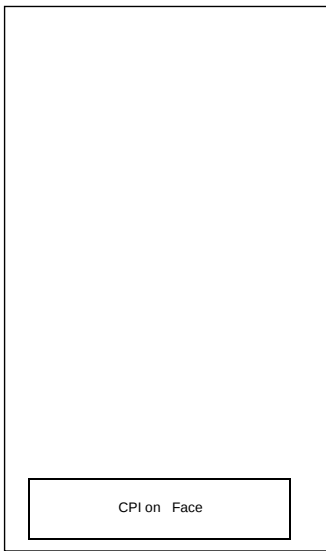


Tower ID	WAI-VUD-A0017	
Contract number	S2G+/-0	
Final No.	70-3	
Insulator Type/ Condition	COMPOSITE	
Type	0	
Body Extn - size	0	
Legs - size	+/-0, +1, +1, +/-0	
Earth Wire	YES	
Tower Area m²	127	
Rust m²	4	3%
Sweep m²	104	82%

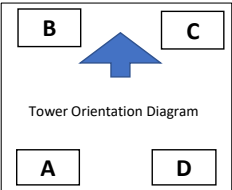
RC steel identified	0
Earth plates fitted/ Compliant	NO - 0
Climbing Deterrent Fitted	YES
Padlock Type	None
Environmental Rating	Low impact on neighbouring activities, low level protection from public.
Vehicle Access	No Vehicle access directly to towers and/ or requires maintenance prior to vehicle access.
Vegetation Control	Required Minor
Property Usage	Dry Stock farming (sheep, beef, deer or a combination)
Foundation Connection Type	TSC
Bridge/ Culverts	YES
Cell Coverage	Marginal

Comments
Track access maintenance required prior to entry
No CPI in Fiji
Light ZCP through out structure
Dross throughout structure on steel
Anti-climb in need of repair.
LSD needs replacing
Steep terrain around tower
Stream 40m from C-Leg

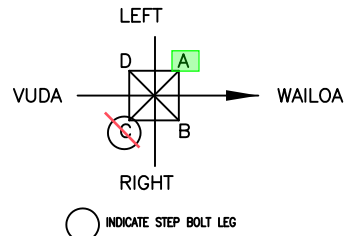
Step Bolts: 58
Comment: GOOD
RC Bolts 2



LSD on DA Face



LANDOWNER DETAILS		INSPECTION TEAM		Date	GPS COORDINATES (WGS84)			WAI-VUD-A			
		LUMEN		27/02/2025				DRG. SIZE	SCALE	FOLDER	
LandOwner	Refer To Efl	Inspector-Tower	Des Gracie		LATITUDE	17°42'45.72"S		A3	N/A	CAP20477	
TowerAccess	Sabeto	Inspector-Ground	Des Gracie		LONGITUDE	177°35'11.76"E		WID	0	SHEET	REVISION
ContactName	Refer To Efl	Draft Report	R Glover	12/02/2025						1	2
ContactPhone	Refer To Efl	Report Review	M Boardman	12/02/2025				WAI-VUD-A0017			
								Work Scope Assessment Report - Feb-2025			



STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No:	17
BODY EXTN:	0
LEG A:	+/-0
LEG B:	+1
LEG C:	+1
LEG D:	+/-0-
INSPECTED BY:	DG
COMPANY:	LUMEN
DATE:	27/2/25

FOUNDATIONS	
GRILLAGE	TSC
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	

EARTHPEAK

SINGLE E/PEAK

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

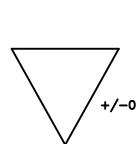
TOP

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

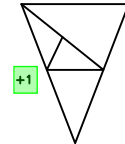
BOTTOM

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	

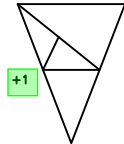
ATTACHMENT DETAILS



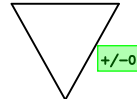
SECTIONS J-J
LEG A



SECTIONS J-J
LEG B



SECTIONS J-J
LEG C

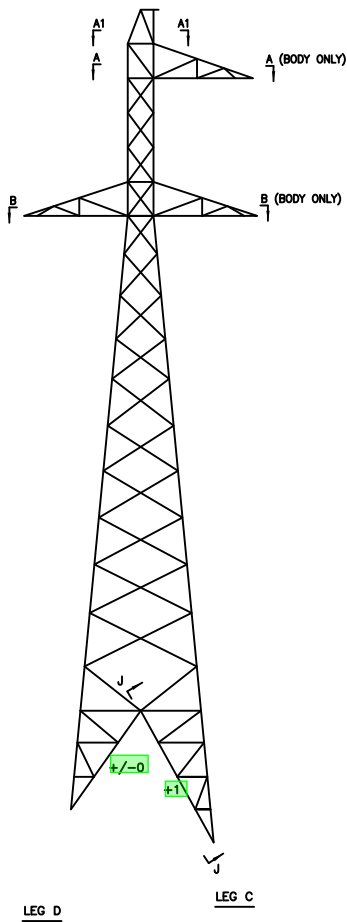


SECTIONS J-J
LEG D

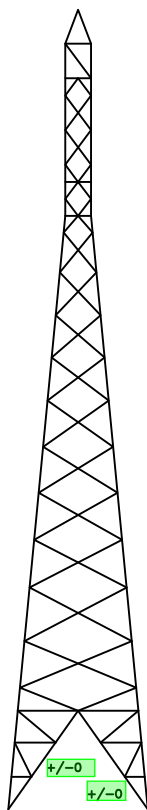
SECTION A1-A1

SECTION A-A

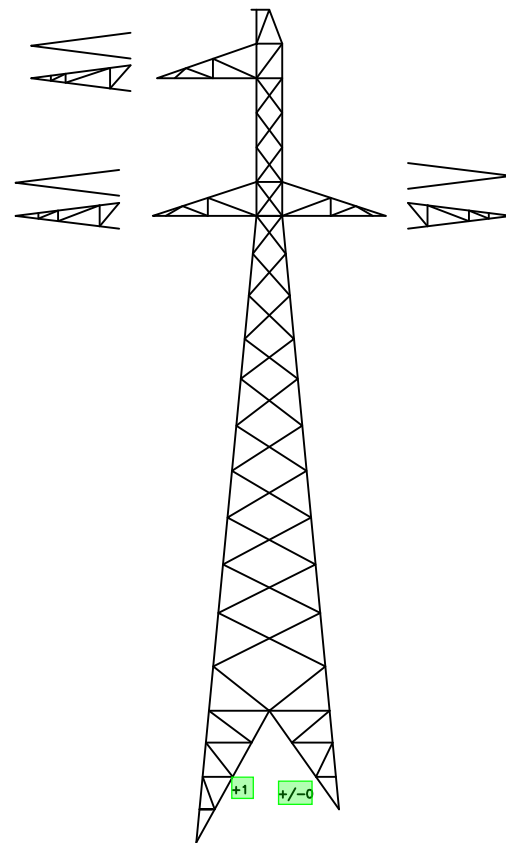
SECTION B-B



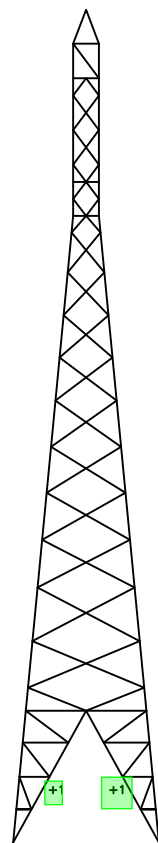
VIEW D-C



VIEW A-D



VIEW B-A



VIEW C-B

TOWER TYPE USED: S2G +/-0

AMENDMENT					BY	CHKD	DATE	AMENDMENT					BY	CHKD	DATE

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 70-3(17) OUTLINE	

SCALE	N.T.S
VUD-WAI 70-3	ISS. -1