



Structure looking towards AB Face

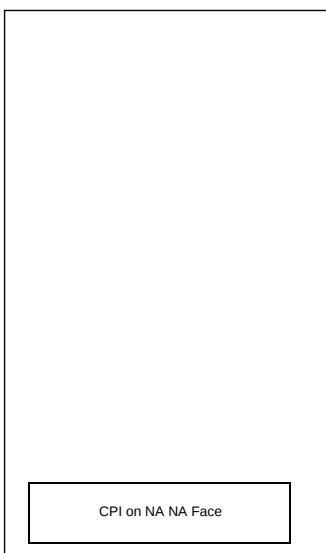


Tower ID	WAI-VUD-A0012	
Contract number	HSG-3	
Final No.	73-1	
Insulator Type/ Condition	COMPOSITE	
Type	SUS	
Body Extn - size	0	
Legs - size	+/-0, +/-0, +1, +1	
Earth Wire	YES	
Tower Area m²	117	
Rust m²	11	9%
Sweep m²	100	86%

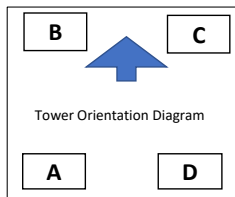
RC steel identified	No
Earth plates fitted/ Compliant	NO - 0
Climbing Deterrent Fitted	YES
Padlock Type	None
Environmental Rating	Low impact on neighbouring activities, easily secured from public.
Vehicle Access	No Vehicle access directly to towers and/ or requires maintenance prior to vehicle access.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

Comments
LSD - faded
no cpi's on EFL asset
CTE painted 400mm up leg
400m major track upgrade access required
11kV line 50m off CD phase
Access road to structure badly rutted
House, 300m off DA face
Sharp dross on steel throughout tower
Minor scrub clearing required around structure
CDG to be reinstalled, crown of thorns, on each leg, with three strands of barb wire, going around the tower.
Replace 10 step bolts.

Step Bolts: 46
Comment: Heavy SURFACE RUST
RC Bolts 5



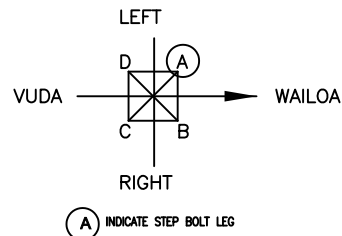
LSD on BC Face



#N/A



LANDOWNER DETAILS		INSPECTION TEAM LUMEN		Date	GPS COORDINATES (WGS84)			WAI-VUD-A		DRG. SIZE	SCALE	FOLDER	
LandOwner	Unknown	Inspector-Tower	Karl Formo	26/11/2024	LATITUDE	17°41'45.24"S		A3	N/A	CAP20477			
TowerAccess	Yes, Badly Rutted, And Overgrown	Inspector-Ground	Karl Formo		LONGITUDE	177°28'25.32"E		WID	0	SHEET	REVISION		
ContactName	Unknown	Draft Report	R Glover	7/05/2025						1	2		
ContactPhone	Unknown	Report Review	M Boardman	7/05/2025						WAI-VUD-A0012			



STRUCTURE DESCRIPTION	
LINE:	WAI-VUD-A
STR No:	0012
BODY EXTN:	NIL
LEG A:	+/-0
LEG B:	+/-0
LEG C:	+1
LEG D:	+1
INSPECTED BY:	K.Formo
COMPANY:	LUMEN
DATE:	26/11/2024

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	

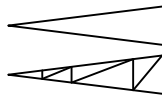
RC STEEL	
STEEL RATED AT CA21-30	
RC BOLTS	

HANGER	
SWIVEL	
TBT	
REPLACEMENT	
ORIGINAL	PLT

EARTHPEAK

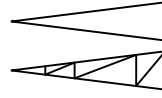
≡≡≡
SINGLE E/PEAK

HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	



TOP

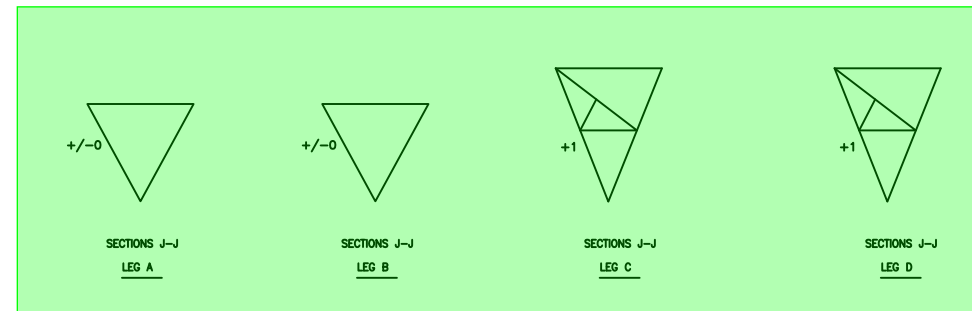
HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	



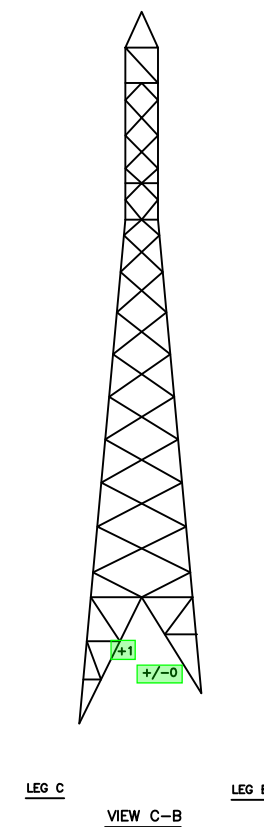
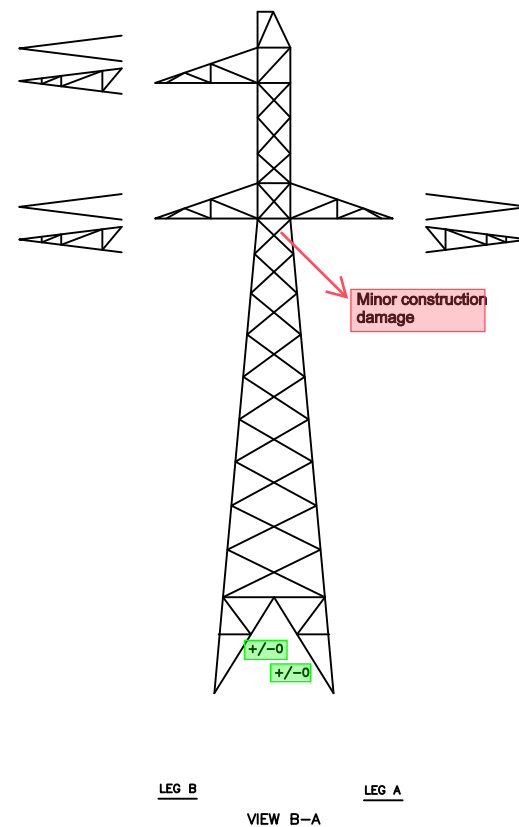
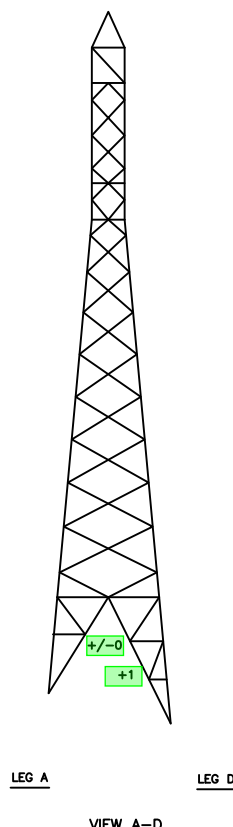
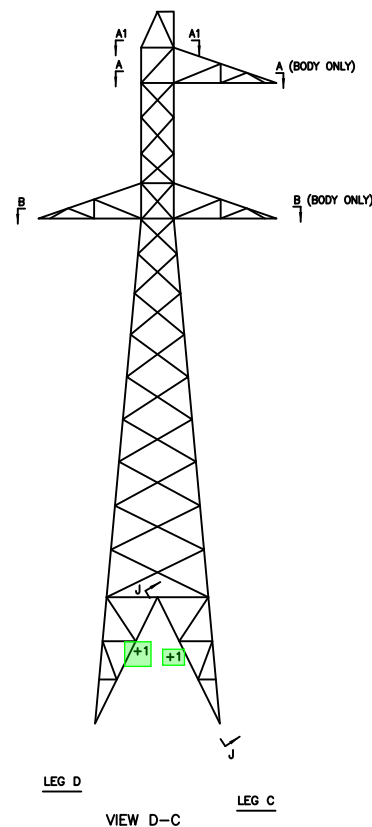
BOTTOM

HANGER	
SWIVEL	Y
TBT	
REPLACEMENT	
ORIGINAL	

ATTACHMENT DETAILS



SECTION A1-A1
SECTION A-A
SECTION B-B



TOWER TYPE USED: HSG-3

AMENDMENT	BY	CHKD	DATE	AMENDMENT	BY	CHKD	DATE
-1							
-2 LEGS & CROSSARMS REVISED	LDS		11.24				

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

LUMEN
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Christchurch, New Zealand
Tel +64 (03) 377 1546

ENERGY FIJI LTD		SCALE N.T.S	
VUDA - WAILOA LINE TOWER 73-1(12) OUTLINE		VUD-WAI 73-1	ISS. -2