

Our reference: P13023/CL4

19 May 2021

Blue Sun Poles Pty Ltd
PO Box 1683
Coorparoo DC Qld 4151

Attention of Paul Davis

Re: Property Pole 5.0/6.0/8.0m – 1.0 kN

This is to certify that the Property Pole with footing as detailed on the respective drawings listed below is structurally adequate to carry the nominated service point load at the top through the eye bolt.

Blue Sun Poles Drawing *BS-EGXPP6M-210222 Rev. B dated 21.02.21*

Blue Sun Poles *Footing Guide 5m,6m & 8m 1kN Property Service Poles Rev B dated 21.05.21*

The relevant Australian Standard Codes referred to are as follows:

AS/NZS 1170 series, AS 4100 Steel Structures, AS 1798 and AS 3600.

This verification addresses the structural capacity of the pole including the baseplate in Wind Region C Terrain Category 2.5. The foundation to the pole is based on soil with a minimum bearing capacity of 150 kPa.

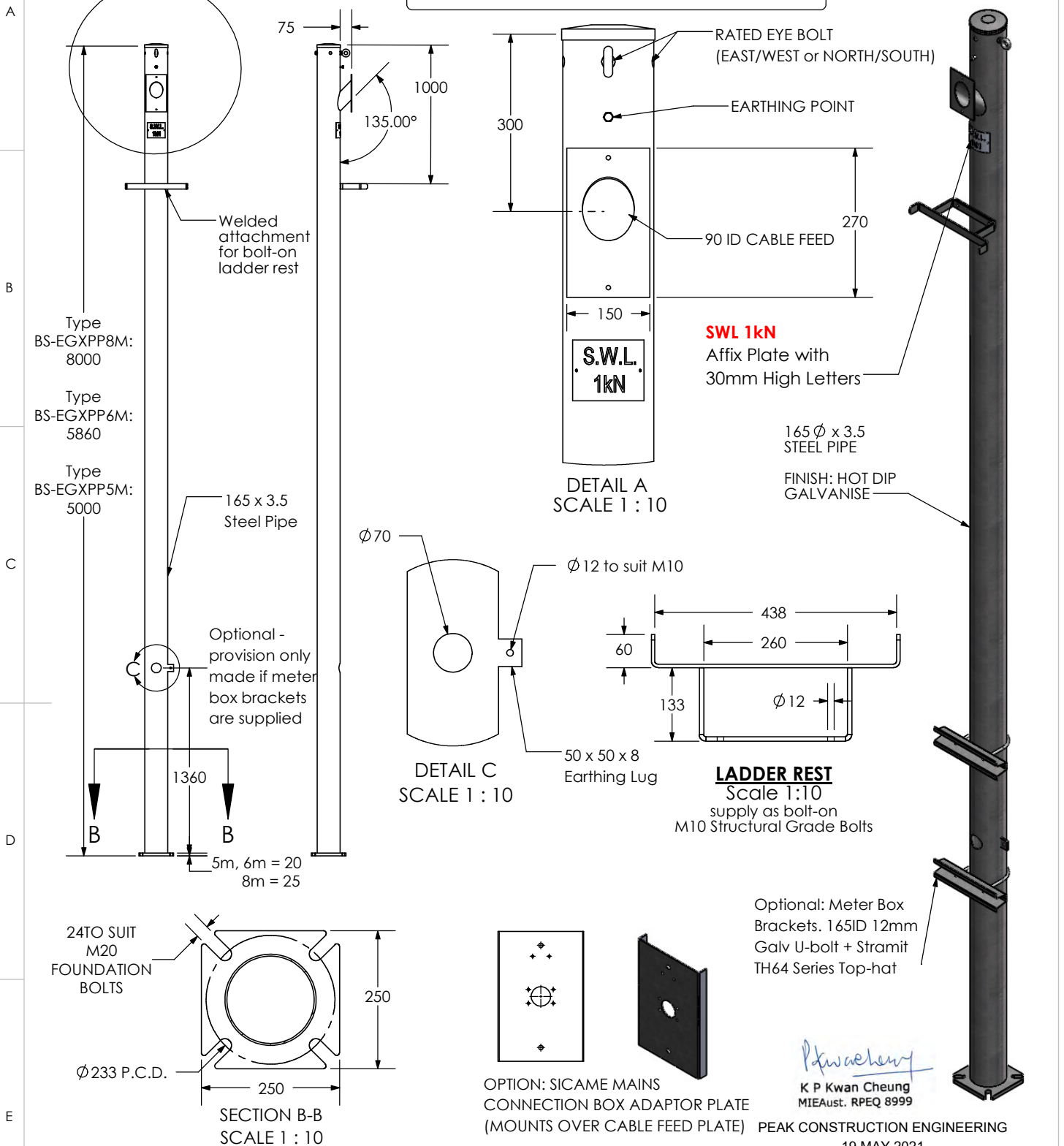
All materials and workmanship to be to AS 4100, AS 1798 and AS3600.

It is also hereby confirmed that the undersigned has been registered as RPEQ prior to 1st July 2008 and that his field of expertise is as a Structural Engineer.



K Patrick Kwan Cheung
MIE Aust RPEQ 8999

**Design in accordance with
Queensland Electricity Connection Manual**



REV.	NAME	SIGNATURE	DATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	DWG TITLE	DWG NUMBER	SHEET
1	P.D.		8-5-19	ALL WELDS SHALL BE IN ACCORDANCE WITH AS1554.1 CATEGORY SP.	Energy Queensland 1kN Property Service Poles	BS-EGXPP6M-210222	A4
2	A 16-7-12			MATERIAL: Grade 350 - S345 Steel			
3	B 21-2-21 Include 8m Pole			FINISH: Hot Dip Galvanise			
4				WEIGHT: 80kg (5m) 95kg (6m) 125kg (8m)	SCALE: 1:50 DO NOT SCALE DRAWING	SHEET 1 OF 2	



Blue Sun Poles Pty Ltd

ABN 87 141 687 845

PO Box 1683 Coorparoo DC. Q. 4151

Phone: 61 7 3010 8567 Fax: 61 7 3847 3188

Toll Free: 1300 412 438

enquiry@bluesun.net.au

This guide is for:

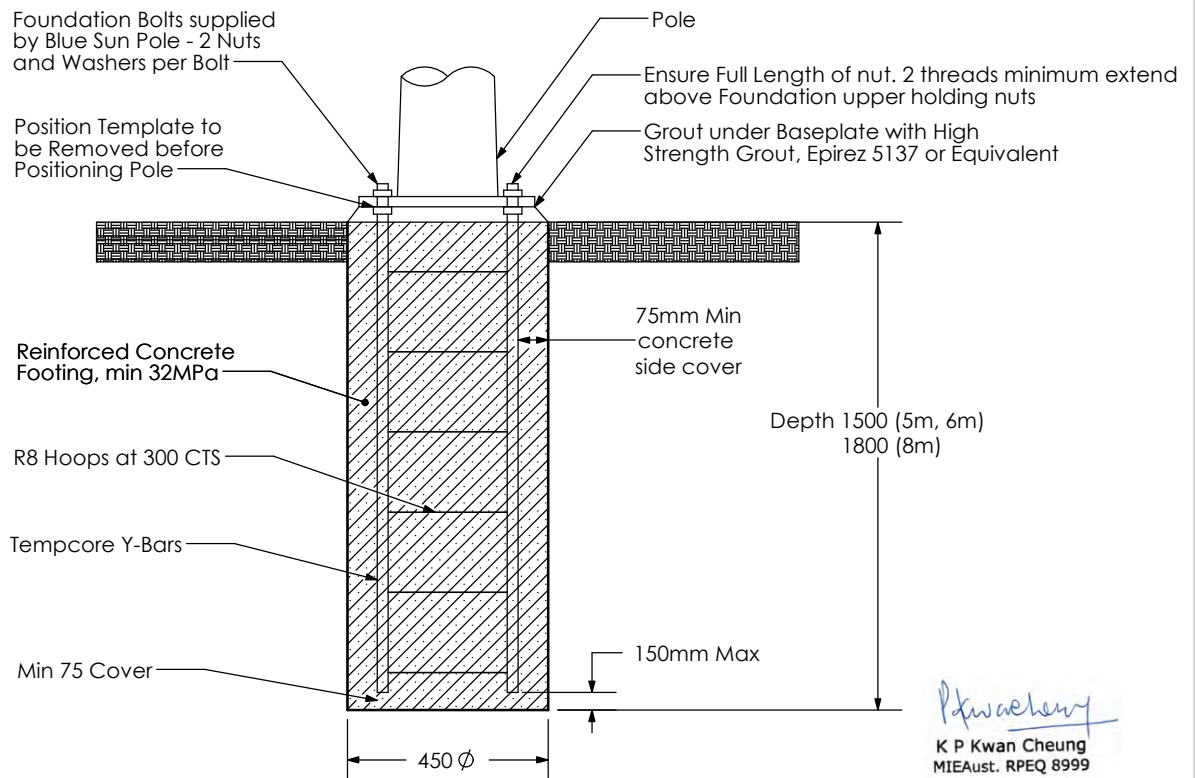
Poles: 5M, 6M & 8M 1kN Property Poles

Site: Standard Soil COnditions > 150kPa

FOOTING GUIDE

Unless indicated by striking out "Guide" this document is a RECOMMENDATION ONLY, based on average soil conditions (>150kPa).
Certified foundations will require soil tests and engineering certification.

Bolts	4	M20
Bolts P.C.D.	233	mm
Length / depth	1500 (5m, 6m) 1800 (8m)	mm
Bore hole diameter	450	mm
Pole Weight - Total	80kg (5m) 95kg (6m) 125kg (8m)	Kg
Soil Bearing Capacity	150	KPa



PEAK CONSTRUCTION ENGINEERING
19 MAY 2021

	NAME	SIGNATURE	DATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS	
DRAWN	M.V.		16-7-12		Bluesun Poles Pty Ltd PO Box 1683 Coorparoo DC Qld 4151 Ph: 61 7 3847 3166
CHK'D				ALL WELDS SHALL BE IN ACCORDANCE WITH AS1554.1 CATEGORY SP.	
APPV'D					
REV.	A 16-7-12			MATERIAL: Grade 250/350 Steel	DWG TITLE FOOTING GUIDE - 5m, 6m & 8m 1kN Property Service Poles
	B 21-2-21 Include 8m Pole			FINISH: Foundation Cage Hot Dip Galvanised	DWG NUMBER FOOTING GUIDE - 5m, 6m & 8m 1kN Property Service Poles
				WEIGHT:	SCALE:1:50 DO NOT SCALE DRAWING SHEET 2 OF 2
					A4