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REVISIONS

DATE	DESCRIPTION	REV.
2013/06/27	Revised of load capacity	1
2020/04/28	Revised entire drawing.	2

Client:

Client address:

NOT FOR CONSTRUCTION

Project:

Drawing:  
**Techno Metal Post single helix Model P1**

Approved by:

Date:  
2011/10/31

Scale:  
N/A

Drawing no:  
P1-Rev2-A-USA

Page number:  
SHEET 1 OF 1

**Pile cap**  
 (dimension to be determined)  
 Steel: CSA G40.21 (300W / 44W)  
 Fy= 44 ksi (300 MPa)  
 Galvanization ASTM A123 (if required)

**Circular section**  
 HSS round outside diameter:  
 1.900" x 0.145" (48.2 mm x 3.7 mm)  
 Steel: ASTM A500 grade C  
 Fy= 51 ksi (350 MPa)  
 Galvanization ASTM A123 (if required)

**Exclusive polyethylene green sleeve to protect against ground movement (if required)**

**Factory-welded helix with a thickness of 0.375" (9.5 mm)**  
 Steel: CSA G40.21 (300W / 44W)  
 Fy= 44 ksi (300 MPa)  
 Galvanization ASTM A123 (if required)

**6" to 12" (152 mm to 305 mm)**  
 Depending on the type of soil and required bearing capacity

**Finished ground level**

min. 6" (152 mm)  
 See note #2

Below frost depth until required bearing capacity is reached

**NOTES:**

- The designer must refer to the Techno Metal Post selection table regarding the bearing capacity of the piles.
- The minimum height shown on the plan is appropriate for aboveground applications only.

