

1895, Boul. Frontenac Est  
Theftord Mines (QC) G6G 6P6  
CANADA  
www.technometalpost.com

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REVISIONS

DATE	DESCRIPTION	REV.

Client :

Client adress :

Project :

Drawing : **Techno Metal Post  
Model P5  
(Deep fondation)**

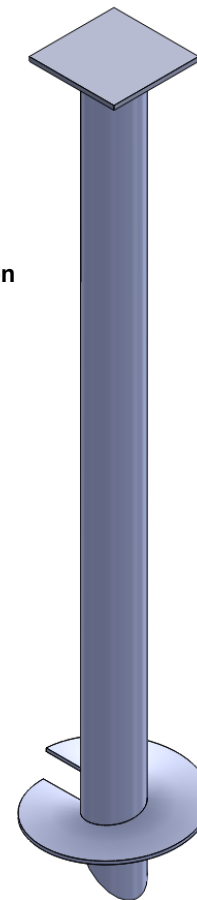
Approved by :

Date :  
2011-10-31

Scale :  
N/A

Drawing no :  
AI-P5-00

Page number :  
SHEET 1 OF 1



**Structural interface plate  
( TBD Field requirements )  
Standard : CSA G40.21 - Steel**

**Steel pile  
Model P5 : 5.563" x 0.258" [ 141.3mm x 6.6mm ]  
Standard : ASTM A500 grade C - Circular steel section**

**1/2" [ 12.7mm] Thick steel helix factory welded  
to pile on both upper and lower surfaces  
Standard : CSA G40.21 - Steel**

**Galvanization standard  
ACNOR G 164-M 0.125 lbs/ft<sup>2</sup>  
[ 610g/m<sup>2</sup> ]**

**If required, piles may be field  
welded with extensions to  
achieve greater loading  
capacities in poor soil  
conditions.**

**Actual pile length to be  
determined by field  
conditions and desired  
loading capacity.**

**12" to 24"  
[ 305 to 610mm ]  
Helix diametre varies  
according to soil  
conditions and desired  
loading capacity.**

**Allowable working load**

Compression and tension	Lateral *	Bending moment
50,000 lbs - 222.4 kN	4,496 lbs - 20 kN	26,921 lbs.pi - 36.5 kN.m

\* The lateral capacity depends on the density of soil