

1700, Setlakwe Street
Theftord Mines (QC) G6G 8B2
CANADA
www.technometalpost.com

CONFIDENTIAL

THE INFORMATIONS CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF TECHNO PIEUX INC. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF TECHNO METAL POST INC. IS PROHIBITED

REVISIONS

DATE	DESCRIPTION	REV.
26/06/2013	Revised Load capacity.	1

Client :

Client address :

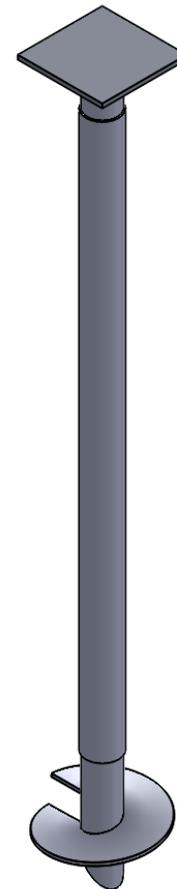
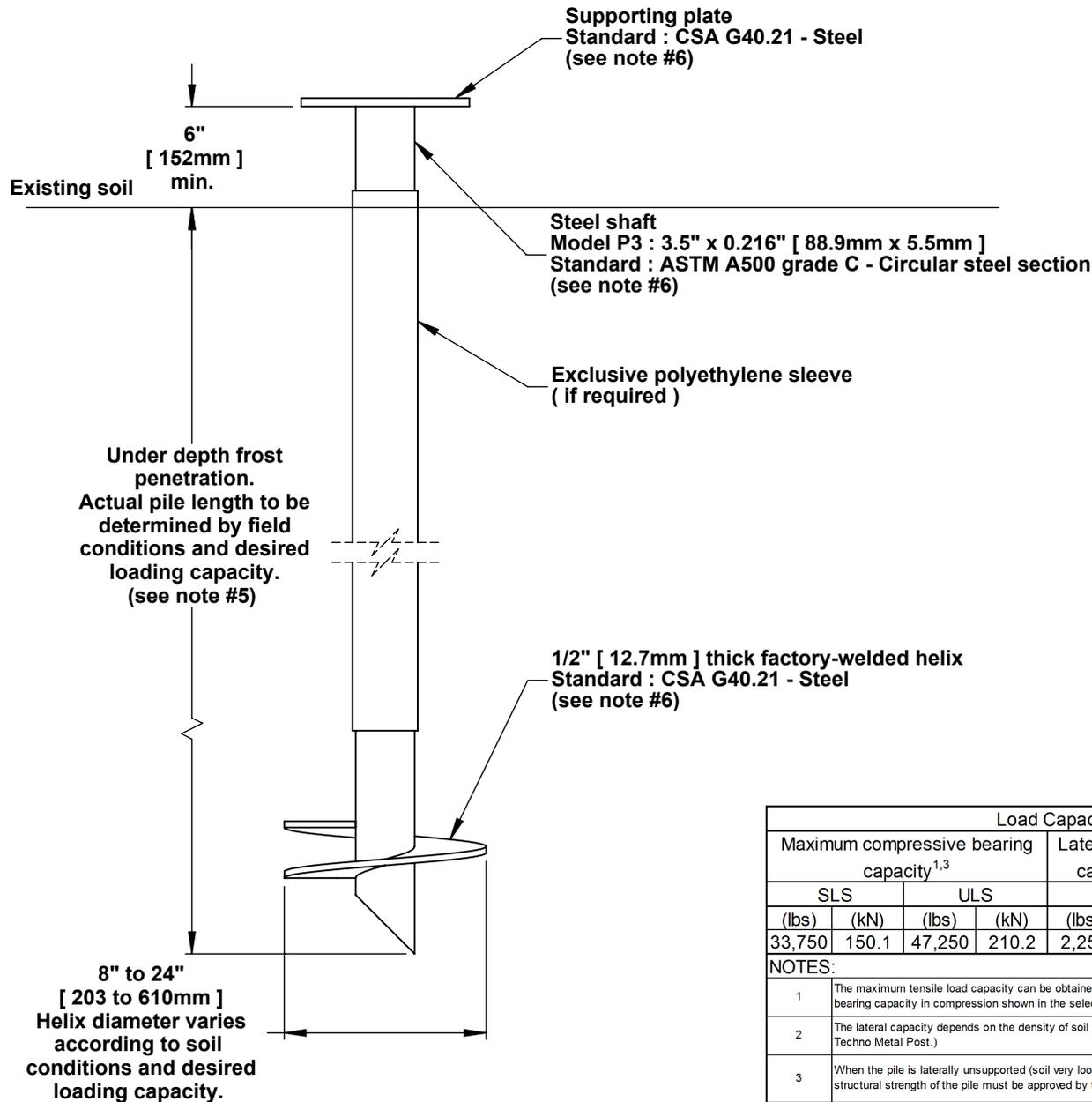
Project :

Drawing : **Techno Metal Post Model P3 (Above ground light structure)**

Approved by :

Date : 2011-10-31 Scale : N/A

Drawing no: P3-G-R1-A Page number : SHEET 1 OF 1



Load Capacity							
Maximum compressive bearing capacity ^{1,3}				Lateral bearing capacity ^{2,4}		Factored bending resistance	
SLS		ULS		SLS		ULS	
(lbs)	(kN)	(lbs)	(kN)	(lbs)	(kN)	(lbs.ft)	(kN.m)
33,750	150.1	47,250	210.2	2,250	10.0	6,454	8.8

- NOTES:**
- The maximum tensile load capacity can be obtained, conservatively, by halving the values of the bearing capacity in compression shown in the selection table.
 - The lateral capacity depends on the density of soil (to validate consult technical department of Techno Metal Post.)
 - When the pile is laterally unsupported (soil very loose / soft, liquefiable soils, water and air), the structural strength of the pile must be approved by the technical department of Techno Metal Post.
 - The values of lateral capacity are average values and can be modified, more or less, depending on the characteristics of the existing soil.
 - If required, piles may be field welded with extensions to achieve greater loading capacities in poor soil conditions.
 - If required, the helical pile and the supporting plate can be galvanized in compliance with standard CAN / CSA G-164-M92 610g / m²