

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

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REVISIONS

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

Client :

Client address :

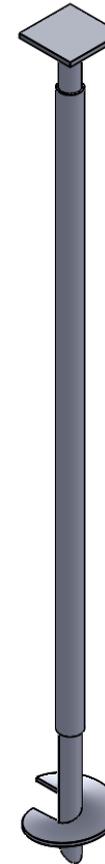
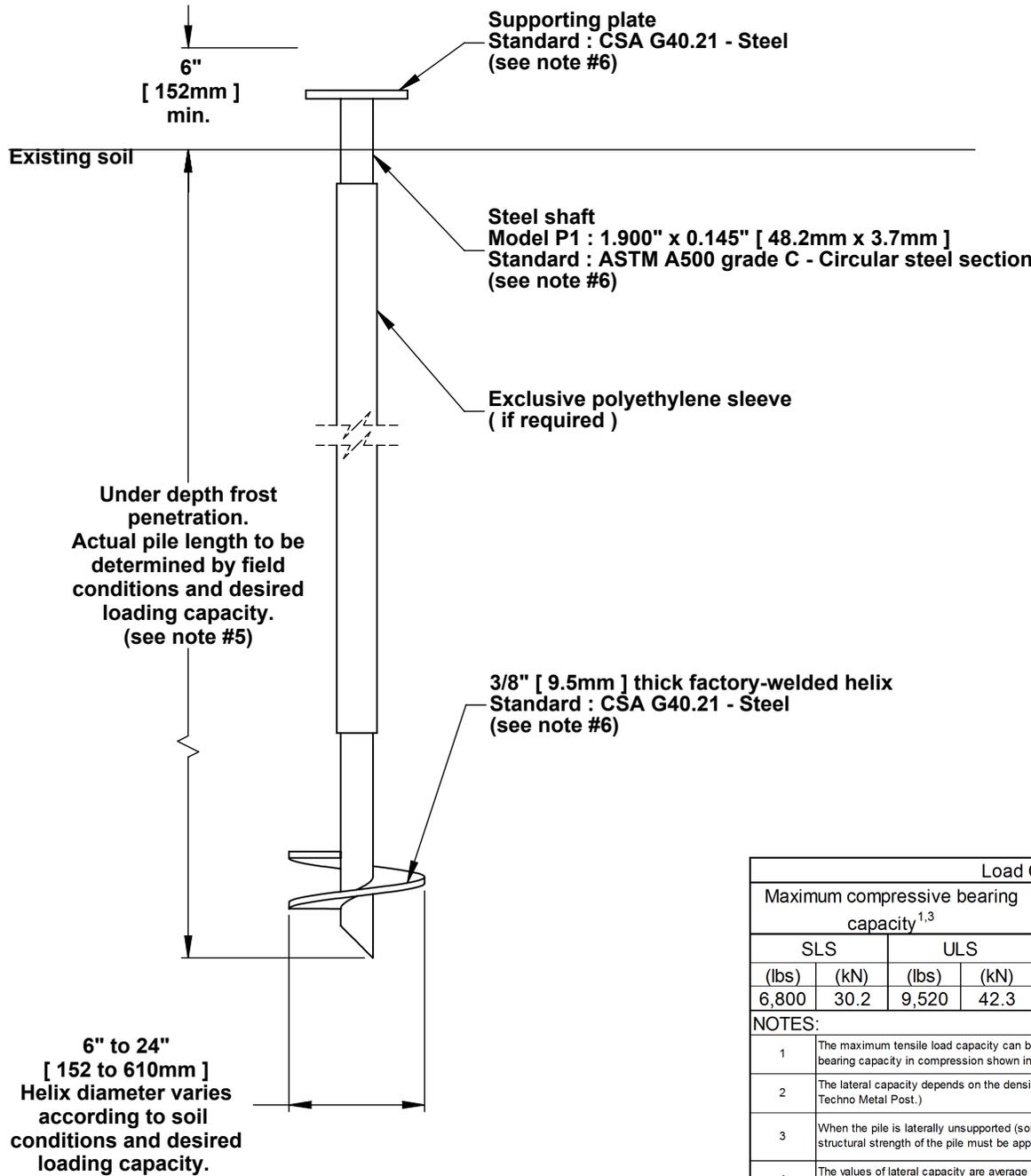
Project :

Drawing : **Techno Metal Post Model P1 (Above ground light structure)**

Approved by :

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

Drawing no: P1-G-R1-A
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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)
6,800	30.2	9,520	42.3	225	1.0	1,010	1.4

- 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