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REVISIONS

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

Client :

Client adress :

Project :

Drawing :

**Techno Metal Post
 Model P4
 (Above ground light
 structure)**

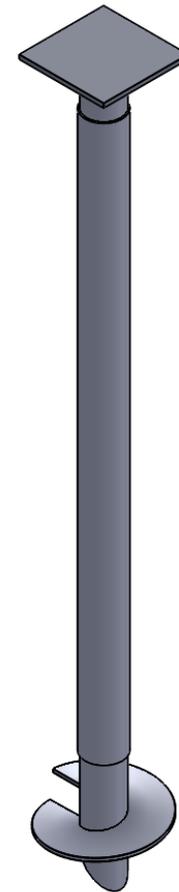
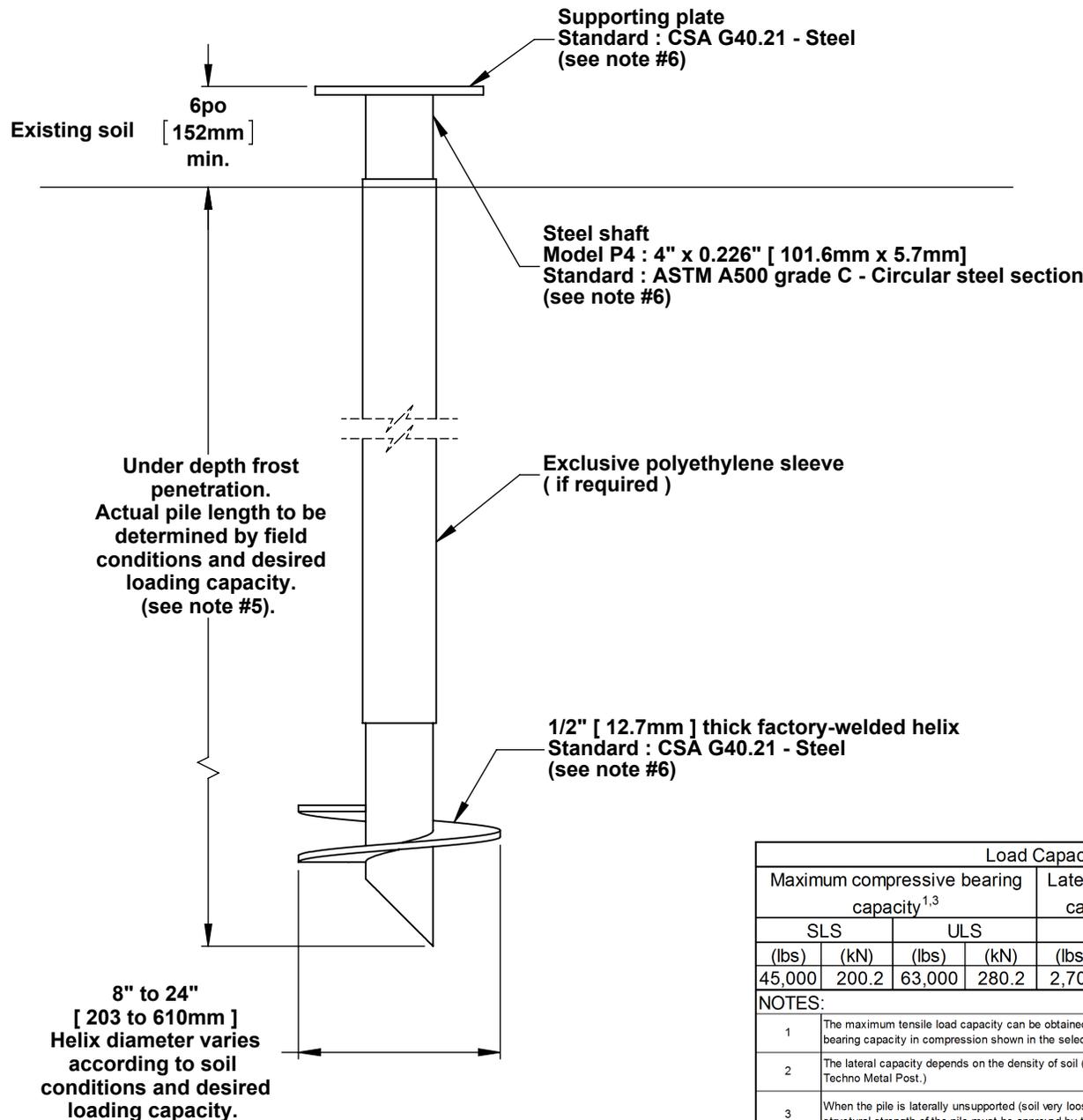
Approved by :

Date :
 2011-10-31

Scale :
 N/A

Drawing no:
 P4-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)
45,000	200.2	63,000	280.2	2,700	12.0	9,411	12.8
NOTES:							
1	The maximum tensile load capacity can be obtained, conservatively, by halving the values of the bearing capacity in compression shown in the selection table.						
2	The lateral capacity depends on the density of soil (to validate consult technical department of Techno Metal Post.)						
3	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.						
4	The values of lateral capacity are average values and can be modified, more or less, depending on the characteristics of the existing soil.						
5	If required, piles may be field welded with extensions to achieve greater loading capacities in poor soil conditions.						
6	If required, the helical pile and the supporting plate can be galvanized in compliance with standard CAN / CSA G-164-M92 610g / m ²						