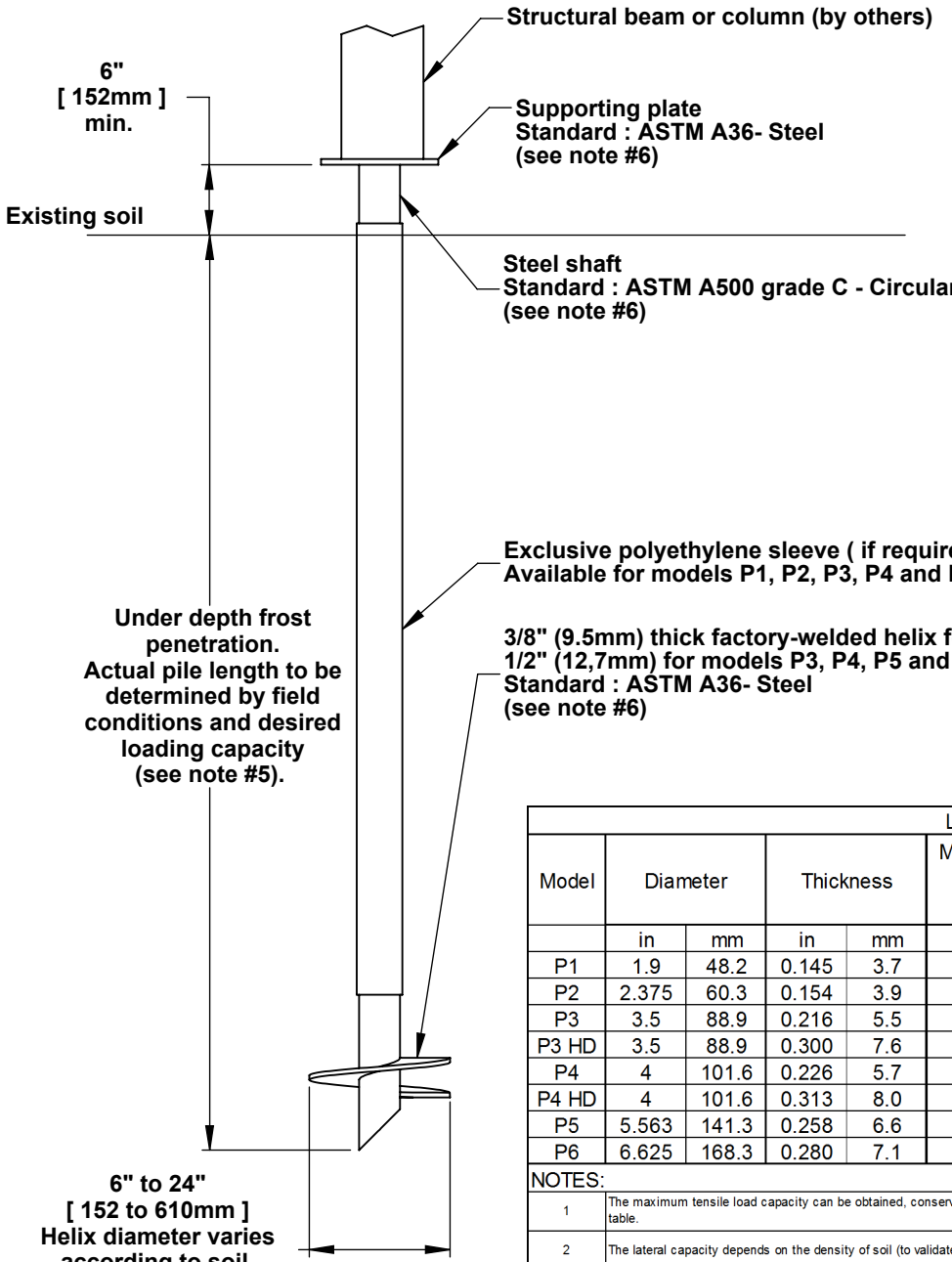

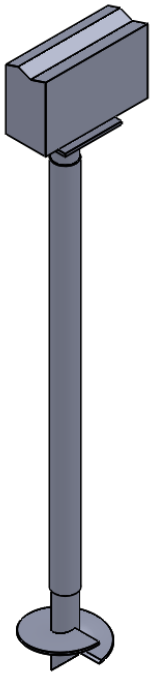

Load Capacity

Model	Diameter		Thickness		Maximum compressive bearing capacity[1,3] (allowable load)	Lateral bearing capacity[2,4] (allowable load)	Factored bending resistance (ultimate load)
	in	mm	in	mm	(lbs)	(lbs)	(lbs-ft)
P1	1.9	48.2	0.145	3.7	6,800	225	1,010
P2	2.375	60.3	0.154	3.9	9,600	450	1,785
P3	3.5	88.9	0.216	5.5	33,750	2,250	6,454
P3 HD	3.5	88.9	0.300	7.6	50,625	2,250	9,057
P4	4	101.6	0.226	5.7	45,000	2,700	9,411
P4 HD	4	101.6	0.313	8.0	50,625	2,700	13,394
P5	5.563	141.3	0.258	6.6	50,625	4,500	21,316
P6	6.625	168.3	0.280	7.1	50,625	6,750	33,876

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 ASTM A123

techno Metal Post™

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CANADA
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REVISIONS

DATE	DESCRIPTION	REV.

Client :

Client adress :

Project :

Drawing :

General plan workshop
Techno Metal Post
Model P1 to P6
(Above ground structure)

Approved by :

Date : 2011-11-04

Scale : N/A

Drawing no: P1-TO-P6-G-R0-A-USA

Page number : SHEET 1 OF 1