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REVISIONS

| DATE | DESCRIPTION | REV. |
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| | | |

Client :

Client adress :

Project :

Drawing :
**Techno Metal Post
Model P5
(Above ground light
structure)**

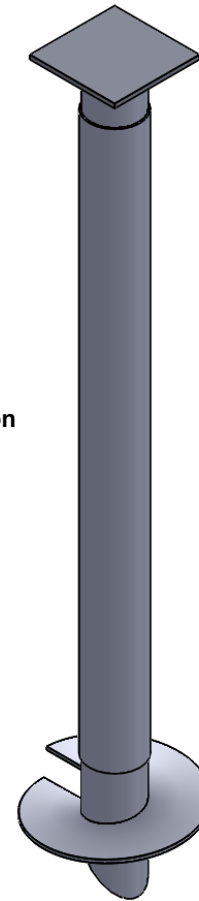
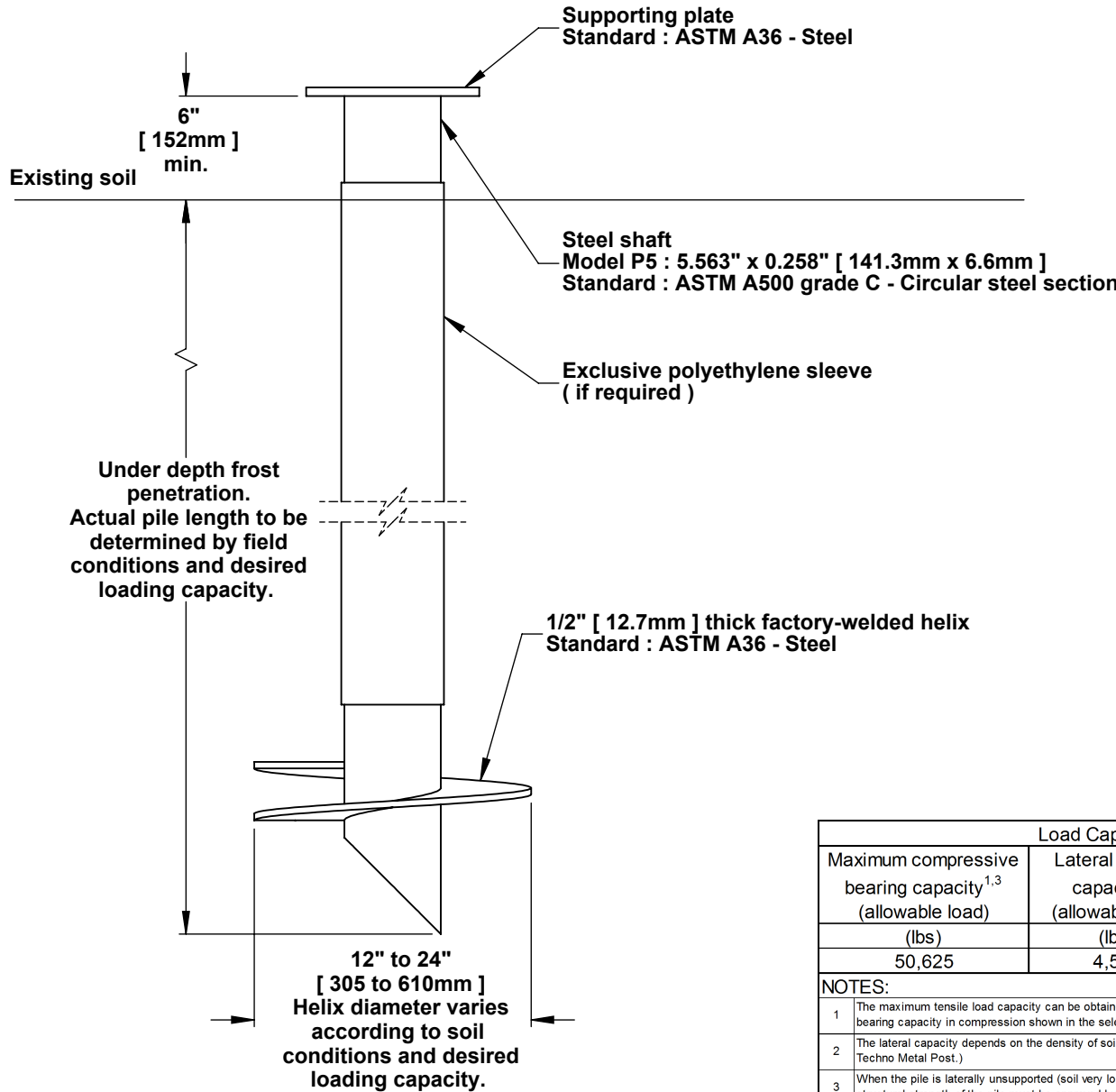
Approved by :

Date :
2011-10-31

Scale :
N/A

Drawing no:
P5-G-R0-A-USA

Page number :
SHEET 1 OF 1



| Load Capacity | | |
|---|---|---|
| Maximum compressive bearing capacity ^{1,3} (allowable load) | Lateral bearing capacity ^{2,4} (allowable load) | Factored bending resistance (ultimate load) |
| (lbs) | (lbs) | (lbs.ft) |
| 50,625 | 4,500 | 21,316 |

- 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 ASTM A123