8. All welding is to be done by welders certified under Section 5 of the AWS Code D.1.

9. Manufacturer to have in effect industry recognized written quality control for all materials.

10. Nominal spacing between helical plates is three times the diameter of the lower helix.

11. Connectors are 2 1/2" O.D., all solid or connected to adjacent extension with (3) 4 1/2. Grade 8 bolts.

4. Helix blade material is hot rolled, minimum Fy = 50 ksi and Fu = 80 ksi Carbon steel plate thickness is available in %, A, or T.

3. Shaft material is 2 3/8" O.D. Wall, minimum Fy = 65 ksi and Fu = 80 ksi.

2. Lead and extension section and pilot point lengths are nominal. Pilot points are 3.

1. Polytetrafluoroethylene copolymer thermostoplastic coating per E.J. 228.

Notes:

- Multi-helix are spaced 3 diameters from the lower helix.

Table:

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<th>Lead Section Table</th>
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- Based on a torque factor (Kt) = 9
- Allowable capacity (Tensile Comp) = 350 Kps
- Ultimate capacity (Tensile Comp) = 720 Kps
- 8,000 Ft-Lb

2 1/2" Helical Piles and Anchors - Internal Connection