

## ***P8 Series Helical Pile***

### **MacLean-Dixie P8 (8.625" O.D.) Series "Strength Squared™" Helical Pipe Pile (patent pending)**

Engineered for Project

Compression to 250 KIPS

Ultimate Torque Capacity 30,000 ft-lbs

#### Application:

- No installation vibration and low noise levels
- No spoils (no soil removal to dispose of)
- Vertical and lateral load capabilities
- Installs at any angle
- Friction and end bearing load
- Environmentally friendly – low footprint
- Application in seismic prone areas
- Installs easily in limited-access sites
- For new construction or foundation repair
- Commercial and residential applications
- Installed to any depth
- Lower equipment mobilization costs
- Engineered to specific site conditions
- Direct ship factory to job site



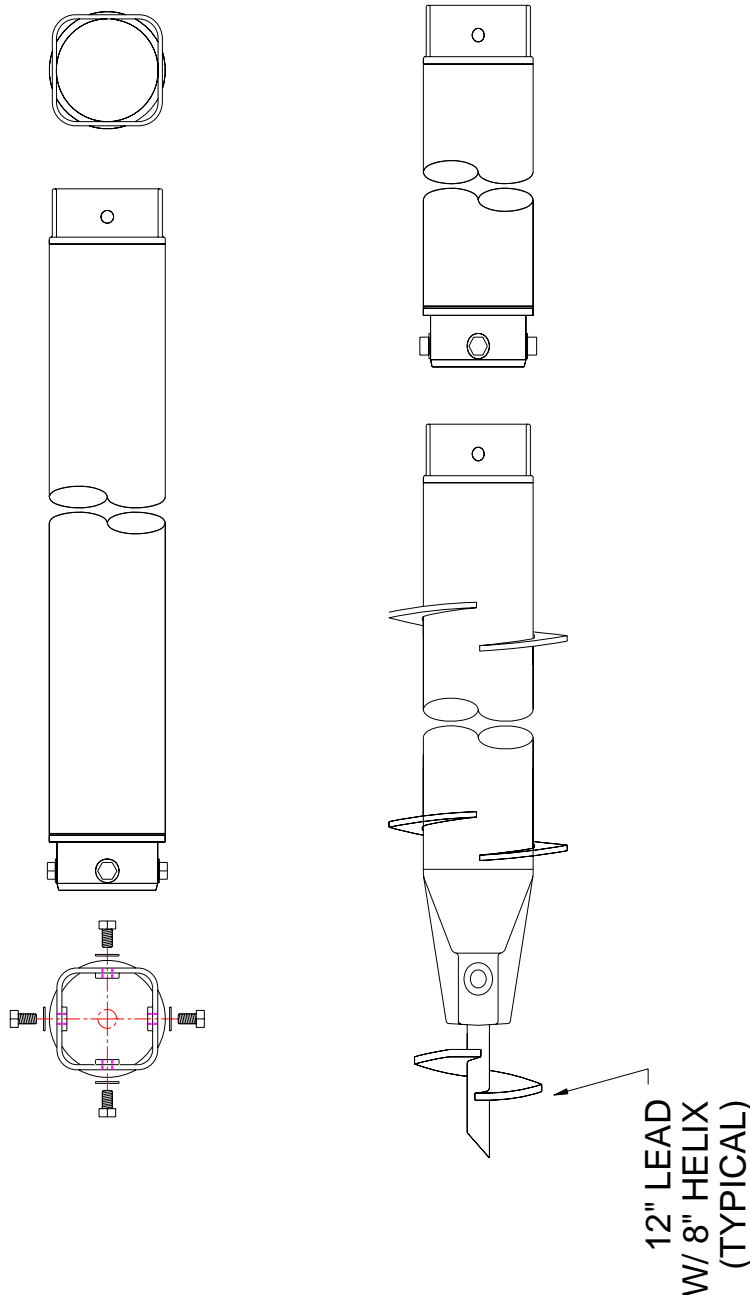
Building Solid Foundations

11411 Addison Avenue • Franklin Park, IL 60131

T: (847) 455-0014 F: (847) 455-0029 • [www.macleandixie.com](http://www.macleandixie.com)



# P8 Series Helical Pile



**Pipe material** - 8" pipe with 0.188" wall thickness (8.625" O.D.) ASTM A53 & ASTM A500, Grade B, minimum yield strength 50 KSI. Typically to 30,000 FT-LBS torsional strength.

**Coupling** - Male/Female cast steel couplings per AISI 8620 OR SC1045 PER ASTM A958 grade 40/80 or equal with 40 KSI yield and 80 KSI ultimate strength min.

**Transition** - with 1 3/4" or 2" socket with side penetrating ribs – cast steel reducer per AISI 8629 or SC 1045 per ASTM A958, grade 40/80 or equal with 40 KSI yield and 80 KSI ultimate strength.

(continued)

EXTENSION  
W/ 3/4" HEX BOLTS

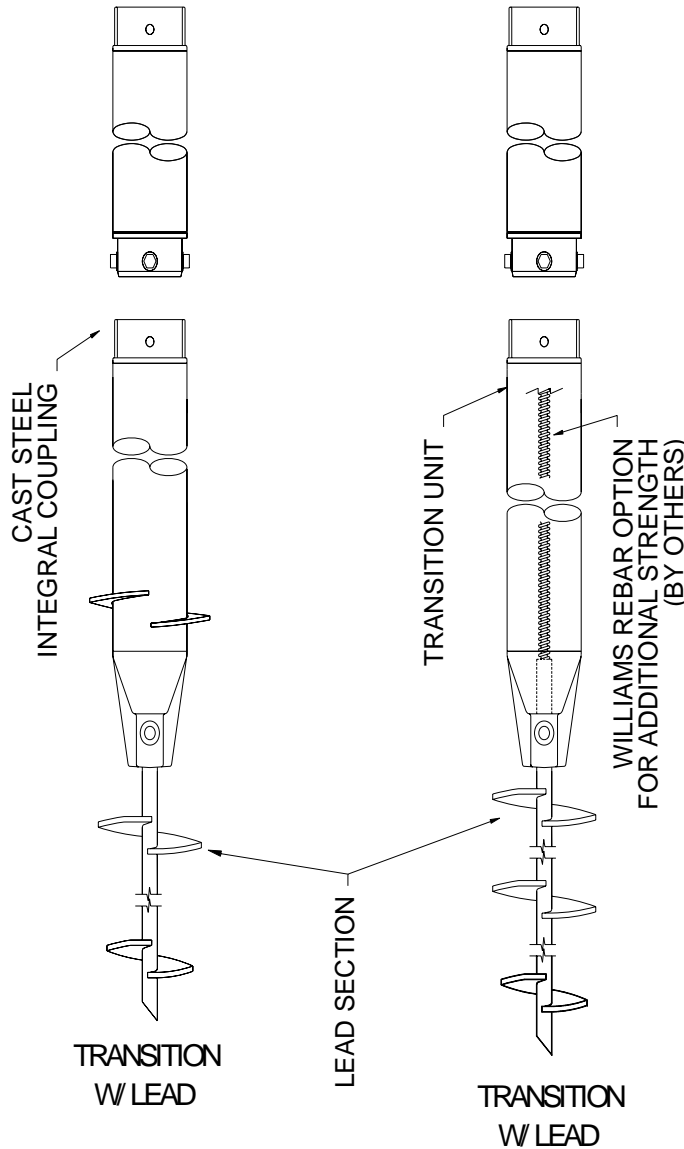
TRANSITION  
W/ LEAD



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**Helix material** – hot rolled low carbon steel sheet, strip, or plate per ASTM A1011/1018 HSLA55, min. yield strength = 55 KSI for 3/8" or 1/2" thick material.

**Coupling bolts** - (4) 3/4" diameter x 1 1/2" long hex head per ASTM A354 grade BD and 3/4" grade 8 hex nuts per ASTM A563.

